

Ameren Champaign MGP - Fifth Street

Weekly Air Monitoring Report

27 April 2022

Project No.: 0529307

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1. INTRODUCTION

Environmental Resources Management, Inc. (ERM) installed five stationary air monitors (SAMs) at four locations around the perimeter of the remediation site to monitor dust levels (PM₁₀), volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs) produced by the excavation. SAMs 1 and 3 were collocated in the southeast corner to provide duplicate measurements for quality control purposes. A meteorological monitoring station was installed to collect wind speed and direction, temperature, and barometric pressure to document atmospheric conditions and to support interpretation of the air quality data. A map showing the monitoring network layout is presented in Figure 1.

Figure 1: Ameren Champaign 5th Street - Monitoring Site Locations



ERM used health effects data to establish maximum acceptable exposure levels for each of the constituents of concern (COC). These were used to set action levels for the monitoring compounds.

This weekly summary presents the real-time ambient air quality and meteorological data collected from April 20, 2022 through April 26, 2022. The laboratory results that are presented were collected between April 11 and April 13, 2022. All results are compared to the established maximum acceptable exposure levels and are representative of ongoing remedial efforts.

2. SUMMARY

The reporting period covers the final remediation operational phase. During this period, air quality concentrations remained under the established action levels. Tables 1 and 2 present a summary of the air quality monitoring results for the reporting period.

Table 1 Reporting Period Acceptable Exposure Level Summary

CONSTITUENTS OF CONCERN (SAMPLING PERIOD, UNITS)	MONITORING PERIOD	NUMBER OF ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL EXCEEDANCES	MAXIMUM MEASURED CONCENTRATION	ACTION LEVEL
Inhalable Particulate Matter (15-min average, $\mu\text{g}/\text{m}^3$)	4/20/2022– 4/26/2022	0	96	360
VOC (1-minute average, ppm)	4/20/2022– 4/26/2022	0	0.0	0.5
Benzene, Real-time GC (1-minute average $\mu\text{g}/\text{m}^3$)	4/20/2022– 4/26/2022	0	NM	156.7

Data presented have yet to be fully quality-assured; final values may vary of these preliminary results once all quality control measures have been applied.

NM = No measurements (benzene-specific measurements only made with portable gas chromatograph, in response to VOC exceedance)

Table 2 Reporting Period Action Level Summary

CONSTITUENTS OF CONCERN, METHOD (SAMPLING PERIOD, UNITS)	MONITORING PERIOD	NUMBER OF ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL EXCEEDANCES	MAXIMUM MEASURED CONCENTRATION	ACCEPTABLE EXPOSURE LEVEL
Benzene, Real-time GC (1-minute average, $\mu\text{g}/\text{m}^3$)	4/20/2022– 4/26/2022	0	NM	156.7
Styrene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$)	No lab records were reported during this period.			205,000
Benzene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$)	No lab records were reported during this period.			16.5
Toluene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$)	No lab records were reported during this period.			23,400
Xylenes (total), Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$)	No lab records were reported during this period.			41,000
Ethylbenzene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$)	No lab records were reported during this period.			59,400
2-methylnaphthalene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	820
Acenaphthene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	12,300
Acenaphthylene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	615
Anthracene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	615
Benzo(a)anthracene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	1.54
Benzo(a)pyrene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	0.154

CONSTITUENTS OF CONCERN, METHOD (SAMPLING PERIOD, UNITS)	MONITORING PERIOD	NUMBER OF ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL EXCEEDANCES	MAXIMUM MEASURED CONCENTRATION	ACCEPTABLE EXPOSURE LEVEL
Benzo(k)fluoranthene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	15.4
Benzo(b)fluoranthene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	15.4
Chrysene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	154
Dibenzo(a,h)anthracene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	0.154
Fluoranthene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	8,200
Fluorene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	8,200
Indeno(1,2,3-cd)pyrene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	1.54
Napthalene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	176
Phenanthrene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	6,150
Pyrene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/11/2022– 4/13/2022	0	ND	6,150

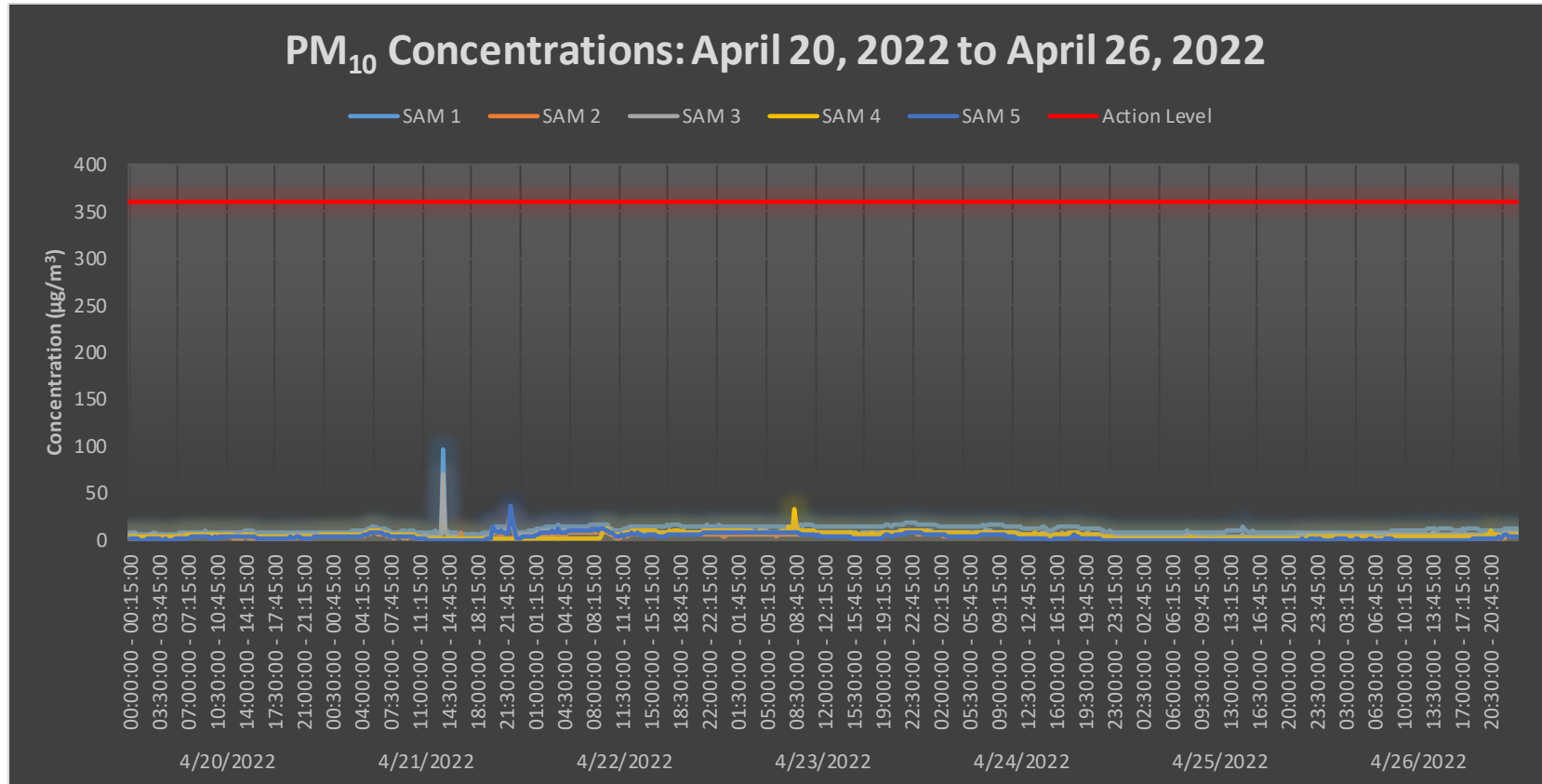
Data presented have yet to be fully quality-assured; final values may vary of these preliminary results once all quality control measures have been applied.

NM = No measurements (benzene-specific measurements only made with portable gas chromatograph, in response to VOC exceedance)

ND = Not detected (concentrations below laboratory minimum detection limits)

The preliminary (not fully quality-assured) data record for the reporting period is contained in Appendices A and B. PM_{10} concentrations for the week are presented in Figure 2.

Figure 2: PM₁₀ Concentrations



APPENDIX A COMPLETE PRELIMINARY DATA RECORD



Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/20/2022	00:00:00 - 00:15:00	7	2	5	3	1	1.0	156	8.8	56	996.8
04/20/2022	00:15:00 - 00:30:00	7	2	4	3	1	1.5	156	8.7	56	996.5
04/20/2022	00:30:00 - 00:45:00	7	2	5	3	1	1.5	154	8.7	56	996.5
04/20/2022	00:45:00 - 01:00:00	7	2	5	3	1	1.3	156	8.7	56	996.6
04/20/2022	01:00:00 - 01:15:00	6	2	4	3	0	1.5	156	8.6	57	996.5
04/20/2022	01:15:00 - 01:30:00	6	2	4	3	0	1.1	146	8.5	58	996.2
04/20/2022	01:30:00 - 01:45:00	6	2	4	3	0	1.5	138	8.4	59	996.0
04/20/2022	01:45:00 - 02:00:00	6	2	4	3	0	2.1	151	8.4	58	996.0
04/20/2022	02:00:00 - 02:15:00	6	2	4	3	0	2.1	149	8.4	58	996.0
04/20/2022	02:15:00 - 02:30:00	6	2	4	3	0	1.8	151	8.4	59	995.9
04/20/2022	02:30:00 - 02:45:00	6	2	5	3	1	1.5	156	8.4	60	995.9
04/20/2022	02:45:00 - 03:00:00	7	2	5	3	1	1.0	171	8.2	61	996.1
04/20/2022	03:00:00 - 03:15:00	7	3	5	3	1	1.0	151	8.0	66	996.1
04/20/2022	03:15:00 - 03:30:00	6	2	4	3	1	1.0	144	7.9	67	996.1
04/20/2022	03:30:00 - 03:45:00	6	2	4	3	1	0.7	175	7.9	66	996.2
04/20/2022	03:45:00 - 04:00:00	6	2	4	3	0	1.3	151	7.9	66	996.1
04/20/2022	04:00:00 - 04:15:00	6	2	4	3	0	1.3	144	7.8	66	996.0
04/20/2022	04:15:00 - 04:30:00	6	2	4	3	0	1.7	148	7.8	67	996.0
04/20/2022	04:30:00 - 04:45:00	6	2	4	3	0	1.9	145	7.7	67	995.9
04/20/2022	04:45:00 - 05:00:00	6	2	4	3	0	1.6	147	7.6	67	995.7
04/20/2022	05:00:00 - 05:15:00	6	2	4	3	0	1.8	143	7.4	68	995.6
04/20/2022	05:15:00 - 05:30:00	6	2	4	3	0	1.8	140	7.4	68	995.5
04/20/2022	05:30:00 - 05:45:00	6	2	4	3	0	1.9	144	7.4	68	995.5
04/20/2022	05:45:00 - 06:00:00	6	2	4	3	1	2.4	149	7.3	69	995.6
04/20/2022	06:00:00 - 06:15:00	7	2	5	3	1	1.7	147	7.3	71	995.7
04/20/2022	06:15:00 - 06:30:00	7	3	5	3	1	2.2	142	7.2	73	995.6
04/20/2022	06:30:00 - 06:45:00	7	3	5	4	1	2.0	146	6.9	76	995.6
04/20/2022	06:45:00 - 07:00:00	7	3	5	4	1	1.5	157	6.8	78	995.9
04/20/2022	07:00:00 - 07:15:00	7	4	6	5	2	1.1	161	6.8	79	996.2
04/20/2022	07:15:00 - 07:30:00	8	4	6	5	2	1.1	173	6.9	78	996.4
04/20/2022	07:30:00 - 07:45:00	8	4	6	5	3	1.3	172	6.9	78	996.5
04/20/2022	07:45:00 - 08:00:00	8	4	6	6	3	1.1	168	7.0	79	996.6
04/20/2022	08:00:00 - 08:15:00	8	4	6	5	3	1.7	158	7.1	78	996.7
04/20/2022	08:15:00 - 08:30:00	8	4	6	5	3	1.5	155	7.1	79	996.6
04/20/2022	08:30:00 - 08:45:00	8	4	6	6	3	1.2	151	6.8	81	996.6
04/20/2022	08:45:00 - 09:00:00	8	5	6	6	3	2	139	6	87	996
04/20/2022	09:00:00 - 09:15:00	9	5	6	6	4	2	147	6	90	996
04/20/2022	09:15:00 - 09:30:00	8	4	6	6	3	1	125	6	91	996
04/20/2022	09:30:00 - 09:45:00	8	4	6	5	2	2	129	6	90	996
04/20/2022	09:45:00 - 10:00:00	8	4	6	5	2	2	135	6	89	996
04/20/2022	10:00:00 - 10:15:00	8	4	6	5	2	2	149	7	87	996
04/20/2022	10:15:00 - 10:30:00	8	4	6	5	2	2	144	7	86	996
04/20/2022	10:30:00 - 10:45:00	8	4	6	5	2	2	133	7	86	996
04/20/2022	10:45:00 - 11:00:00	8	4	6	6	3	3	139	7	86	995
04/20/2022	11:00:00 - 11:15:00	9	4	6	6	3	2.0	144	8.0	86	995.0
04/20/2022	11:15:00 - 11:30:00	8	4	6	6	3	2.6	144	8.5	83	994.8
04/20/2022	11:30:00 - 11:45:00	8	4	6	6	3	2.3	134	9.3	80	994.2
04/20/2022	11:45:00 - 12:00:00	8	3	6	5	3	3.2	144	9.7	75	993.7
04/20/2022	12:00:00 - 12:15:00	8	3	6	5	3	2.4	140	10.4	74	993.5
04/20/2022	12:15:00 - 12:30:00	8	3	5	5	3	2.9	147	11.4	68	993.0
04/20/2022	12:30:00 - 12:45:00	7	2	5	5	3	2.6	149	12.1	63	992.6
04/20/2022	12:45:00 - 13:00:00	8	2	5	4	3	3.2	148	12.4	60	992.5
04/20/2022	13:00:00 - 13:15:00	7	2	5	4	3	3.0	147	12.7	58	992.4
04/20/2022	13:15:00 - 13:30:00	8	2	5	4	3	3.7	141	12.6	57	992.0
04/20/2022	13:30:00 - 13:45:00	8	2	5	4	3	2.9	149	12.5	57	991.7
04/20/2022	13:45:00 - 14:00:00	8	2	5	5	4	3.0	143	12.4	57	991.3
04/20/2022	14:00:00 - 14:15:00	9	2	6	5	4	3.2	131	12.3	58	990.8
04/20/2022	14:15:00 - 14:30:00	9	3	6	5	4	2.9	143	12.6	58	990.7
04/20/2022	14:30:00 - 14:45:00	9	2	6	5	4	2.8	144	13.1	56	990.7
04/20/2022	14:45:00 - 15:00:00	9	2	5	5	4	2.8	141	13.7	55	990.3
04/20/2022	15:00:00 - 15:15:00	8	2	5	4	3	2.9	149	14.4	54	989.9
04/20/2022	15:15:00 - 15:30:00	7	1	4	4	2	1.9	156	14.9	48	989.8

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [$^{\circ}\text{Celsius}$]	Relative Humidity [%]	Barometric Pressure [mb]
04/20/2022	15:30:00 - 15:45:00	7	1	4	3	2	2.4	159	14.9	46	990.0
04/20/2022	15:45:00 - 16:00:00	7	1	4	3	2	2.4	150	15.1	46	989.6
04/20/2022	16:00:00 - 16:15:00	7	1	4	3	2	2.6	146	15.1	47	989.1
04/20/2022	16:15:00 - 16:30:00	7	0	4	3	2	3.0	149	15.1	47	988.6
04/20/2022	16:30:00 - 16:45:00	7	1	4	3	2	2.5	152	15.1	47	988.6
04/20/2022	16:45:00 - 17:00:00	7	1	4	4	2	2.9	150	14.9	47	988.5
04/20/2022	17:00:00 - 17:15:00	7	1	4	3	2	2.5	147	14.9	46	988.3
04/20/2022	17:15:00 - 17:30:00	7	1	4	3	2	3.0	144	15.0	46	987.9
04/20/2022	17:30:00 - 17:45:00	7	1	4	3	2	3.0	147	15.1	45	987.6
04/20/2022	17:45:00 - 18:00:00	7	1	4	3	2	2.6	157	15.1	46	987.3
04/20/2022	18:00:00 - 18:15:00	7	1	4	3	1	2.4	166	15.3	46	987.5
04/20/2022	18:15:00 - 18:30:00	7	1	4	4	2	1.9	177	14.3	55	988.0
04/20/2022	18:30:00 - 18:45:00	7	1	4	4	2	1.2	171	13.3	62	988.2
04/20/2022	18:45:00 - 19:00:00	7	1	4	4	2	1.8	171	13.3	62	988.0
04/20/2022	19:00:00 - 19:15:00	7	2	4	4	2	1.7	163	12.7	67	987.9
04/20/2022	19:15:00 - 19:30:00	7	2	5	4	2	1.5	163	12.3	70	987.6
04/20/2022	19:30:00 - 19:45:00	7	2	5	4	2	1.5	163	12.4	69	987.0
04/20/2022	19:45:00 - 20:00:00	7	2	5	4	2	1.7	172	12.6	68	987.0
04/20/2022	20:00:00 - 20:15:00	8	2	5	4	2	1.8	186	12.3	73	986.9
04/20/2022	20:15:00 - 20:30:00	8	2	5	4	2	1.7	171	11.9	76	986.8
04/20/2022	20:30:00 - 20:45:00	8	3	5	4	3	1.6	177	11.8	76	986.9
04/20/2022	20:45:00 - 21:00:00	8	2	5	4	2	1.4	179	12.0	76	986.9
04/20/2022	21:00:00 - 21:15:00	7	2	5	4	2	1.8	184	11.7	80	987.0
04/20/2022	21:15:00 - 21:30:00	7	2	5	4	2	2.1	188	11.7	81	987.2
04/20/2022	21:30:00 - 21:45:00	7	2	5	4	2	2.6	200	11.9	81	987.4
04/20/2022	21:45:00 - 22:00:00	7	2	5	4	2	3.1	204	12.0	83	987.6
04/20/2022	22:00:00 - 22:15:00	7	2	5	4	2	2.5	202	11.4	89	987.7
04/20/2022	22:15:00 - 22:30:00	8	3	5	4	3	2.6	199	11.0	92	987.8
04/20/2022	22:30:00 - 22:45:00	8	3	5	4	2	2.1	200	11.0	94	987.7
04/20/2022	22:45:00 - 23:00:00	8	2	5	4	2	2.8	204	11.0	95	987.8
04/20/2022	23:00:00 - 23:15:00	8	3	5	5	3	2.4	205	11.0	95	987.9
04/20/2022	23:15:00 - 23:30:00	8	3	5	5	3	2.7	199	11.0	95	988.0
04/20/2022	23:30:00 - 23:45:00	8	3	5	5	3	2.8	203	11.0	95	988.1
04/20/2022	23:45:00 - 00:00:00	8	3	5	5	3	2.3	202	10.9	97	988.0
04/21/2022	00:00:00 - 00:15:00	8	3	5	5	3	2.1	203	10.8	97	988.1
04/21/2022	00:15:00 - 00:30:00	8	3	5	5	3	2.4	202	10.8	98	988.2
04/21/2022	00:30:00 - 00:45:00	8	3	5	5	3	2.7	198	10.8	98	988.3
04/21/2022	00:45:00 - 01:00:00	8	3	5	5	3	2.1	208	10.7	98	988.6
04/21/2022	01:00:00 - 01:15:00	8	3	5	5	3	2.8	202	10.7	98	988.6
04/21/2022	01:15:00 - 01:30:00	8	3	6	5	3	2.6	207	10.7	99	988.5
04/21/2022	01:30:00 - 01:45:00	8	3	6	5	3	3.4	203	10.7	99	988.4
04/21/2022	01:45:00 - 02:00:00	8	3	6	5	3	2.5	209	10.8	99	988.4
04/21/2022	02:00:00 - 02:15:00	8	3	6	5	3	2.2	208	10.8	99	988.4
04/21/2022	02:15:00 - 02:30:00	9	3	6	5	3	2.5	212	10.8	99	988.4
04/21/2022	02:30:00 - 02:45:00	8	3	6	5	3	2.9	212	10.8	99	988.4
04/21/2022	02:45:00 - 03:00:00	9	3	6	5	3	2.9	213	10.8	99	988.6
04/21/2022	03:00:00 - 03:15:00	9	4	6	6	4	2.9	211	10.9	100	988.7
04/21/2022	03:15:00 - 03:30:00	9	4	6	6	4	2.6	215	10.9	100	988.8
04/21/2022	03:30:00 - 03:45:00	9	4	6	6	4	2.4	216	10.9	100	989.0
04/21/2022	03:45:00 - 04:00:00	9	4	6	6	4	2.0	219	10.9	100	989
04/21/2022	04:00:00 - 04:15:00	9	4	6	6	4	1.9	232	11.0	100	990
04/21/2022	04:15:00 - 04:30:00	10	4	7	7	5	1.7	239	11.0	100	990
04/21/2022	04:30:00 - 04:45:00	11	5	7	7	6	1.9	232	11.1	100	990
04/21/2022	04:45:00 - 05:00:00	12	6	8	8	6	1.6	240	11.1	100	990
04/21/2022	05:00:00 - 05:15:00	13	6	9	9	8	1.5	231	11.1	100	991
04/21/2022	05:15:00 - 05:30:00	13	7	9	10	8	1.6	252	11.2	100	991
04/21/2022	05:30:00 - 05:45:00	14	7	10	10	8	1.4	248	11.3	100	991
04/21/2022	05:45:00 - 06:00:00	13	7	9	10	8	1.6	256	11.3	100	991
04/21/2022	06:00:00 - 06:15:00	12	6	9	9	7	2.1	259	11.4	100	992
04/21/2022	06:15:00 - 06:30:00	12	6	8	9	7	2.1	268	11.4	100	992
04/21/2022	06:30:00 - 06:45:00	12	6	8	8	7	2.5	268	11.4	100	992
04/21/2022	06:45:00 - 07:00:00	12	5	8	8	6	1.8	268	11.5	100	993

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/21/2022	07:00:00 - 07:15:00	11	5	8	7	6	2.2	268	11.5	99	993
04/21/2022	07:15:00 - 07:30:00	10	4	7	6	5	1.5	270	11.6	99	994
04/21/2022	07:30:00 - 07:45:00	9	3	6	6	3	1.5	259	11.8	98	994
04/21/2022	07:45:00 - 08:00:00	8	3	5	5	3	1.8	266	12.0	97	994
04/21/2022	08:00:00 - 08:15:00	8	2	5	5	3	2.0	270	12.1	96	994
04/21/2022	08:15:00 - 08:30:00	9	3	5	5	3	2.0	265	12.2	94	995
04/21/2022	08:30:00 - 08:45:00	8	2	5	5	3	1.6	267	12.5	93	995
04/21/2022	08:45:00 - 09:00:00	9	3	6	5	4	1.5	286	13	89	995
04/21/2022	09:00:00 - 09:15:00	9	2	6	5	4	1.5	284	13.0	86	995.4
04/21/2022	09:15:00 - 09:30:00	9	3	6	5	4	1.6	277	13.1	86	995.7
04/21/2022	09:30:00 - 09:45:00	8	2	5	5	3	1.4	286	13.1	85	996.2
04/21/2022	09:45:00 - 10:00:00	9	3	6	5	4	1.6	297	13.0	88	996.5
04/21/2022	10:00:00 - 10:15:00	10	3	6	6	4	1.8	281	13.1	86	996.8
04/21/2022	10:15:00 - 10:30:00	9	3	6	5	3	2.1	277	13.1	84	997.1
04/21/2022	10:30:00 - 10:45:00	8	1	5	4	2	2.3	258	13.3	83	997.5
04/21/2022	10:45:00 - 11:00:00	7	1	4	3	1	2.2	270	13.6	82	997.9
04/21/2022	11:00:00 - 11:15:00	7	0	4	3	1	2.3	280	13.9	81	998.1
04/21/2022	11:15:00 - 11:30:00	7	1	4	1	1	2.0	286	14.3	80	998.3
04/21/2022	11:30:00 - 11:45:00	8	1	4	1	1	2.5	273	14.2	78	998.5
04/21/2022	11:45:00 - 12:00:00	8	1	5	1	1	2.6	267	14.4	79	998.6
04/21/2022	12:00:00 - 12:15:00	8	1	4	1	0	1.9	264	15.0	78	998.6
04/21/2022	12:15:00 - 12:30:00	8	1	4	1	0	1.9	262	15.2	77	998.5
04/21/2022	12:30:00 - 12:45:00	8	1	4	1	0	2.0	277	15.5	77	998.7
04/21/2022	12:45:00 - 13:00:00	8	1	4	1	0	2.2	280	15.8	76	998.8
04/21/2022	13:00:00 - 13:15:00	9	1	4	1	0	2.1	266	16.3	76	998.9
04/21/2022	13:15:00 - 13:30:00	8	1	4	1	0	2.0	266	16.7	74	998.9
04/21/2022	13:30:00 - 13:45:00	8	1	4	1	0	1.5	264	17.1	74	998.8
04/21/2022	13:45:00 - 14:00:00	9	0	4	1	0	1.7	276	17.2	73	998.7
04/21/2022	14:00:00 - 14:15:00	96	0	70	1	0	1.8	287	17.7	70	998.7
04/21/2022	14:15:00 - 14:30:00	12	0	7	1	0	1.9	262	18.0	68	998.7
04/21/2022	14:30:00 - 14:45:00	8	0	3	1	0	1.3	302	18.5	68	998.6
04/21/2022	14:45:00 - 15:00:00	7	0	3	1	0	1.5	307	19.0	64	998.6
04/21/2022	15:00:00 - 15:15:00	7	0	3	1	0	1.6	290	19.4	60	998.5
04/21/2022	15:15:00 - 15:30:00	7	0	3	1	0	1.4	295	20.0	58	998.5
04/21/2022	15:30:00 - 15:45:00	7	0	3	1	-1	1.5	310	20.4	56	998.5
04/21/2022	15:45:00 - 16:00:00	6	1	2	1	-1	1.0	317	20.9	45	998.5
04/21/2022	16:00:00 - 16:15:00	6	7	2	1	-1	1.1	341	21.6	32	998.5
04/21/2022	16:15:00 - 16:30:00	6	1	2	1	-1	0.8	46	21.6	33	998.5
04/21/2022	16:30:00 - 16:45:00	6	0	2	1	-1	1.2	0	21.8	37	998.6
04/21/2022	16:45:00 - 17:00:00	6	0	2	1	-1	0.7	11	21.6	38	998.6
04/21/2022	17:00:00 - 17:15:00	6	0	2	1	0	1.2	352	22.1	36	998.6
04/21/2022	17:15:00 - 17:30:00	6	0	2	1	0	1.1	18	21.8	35	998.7
04/21/2022	17:30:00 - 17:45:00	6	0	2	1	0	1.2	60	21.6	35	998.8
04/21/2022	17:45:00 - 18:00:00	6	0	2	1	0	0.7	10	21.9	36	998.8
04/21/2022	18:00:00 - 18:15:00	6	0	2	1	0	0.2	70	22.2	35	998.9
04/21/2022	18:15:00 - 18:30:00	6	0	2	1	0	1.4	58	21.4	37	998.9
04/21/2022	18:30:00 - 18:45:00	7	0	2	1	0	1.2	71	20.9	38	999.0
04/21/2022	18:45:00 - 19:00:00	7	0	2	1	0	1.1	85	20.7	38	999.1
04/21/2022	19:00:00 - 19:15:00	7	0	3	1	0	1.2	69	20.3	40	999.1
04/21/2022	19:15:00 - 19:30:00	8	1	3	1	1	0.9	80	19.7	42	999.3
04/21/2022	19:30:00 - 19:45:00	7	1	3	1	1	0.9	91	19.0	44	999.5
04/21/2022	19:45:00 - 20:00:00	8	3	4	1	2	0.8	97	18.2	47	999.5
04/21/2022	20:00:00 - 20:15:00	13	5	8	1	13	0.6	75	17.3	51	999.6
04/21/2022	20:15:00 - 20:30:00	15	9	9	1	9	0.4	106	16.5	54	999.8
04/21/2022	20:30:00 - 20:45:00	15	6	9	1	8	0.1	221	16.0	57	1000.3
04/21/2022	20:45:00 - 21:00:00	14	7	9	1	9	0.0	305	15.5	59	1000.6
04/21/2022	21:00:00 - 21:15:00	14	6	9	1	7	0.3	187	15.3	60	1000.9
04/21/2022	21:15:00 - 21:30:00	13	5	9	1	7	0.3	250	15.5	60	1001.1
04/21/2022	21:30:00 - 21:45:00	12	5	8	1	6	0.1	219	15.4	61	1001.4
04/21/2022	21:45:00 - 22:00:00	17	20	12	1	9	0.3	83	14.7	64	1001.4
04/21/2022	22:00:00 - 22:15:00	24	24	16	1	36	0.3	134	14.0	65	1001.6
04/21/2022	22:15:00 - 22:30:00	21	18	15	1	21	0.4	127	14.4	64	1001.6

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [$^{\circ}\text{Celsius}$]	Relative Humidity [%]	Barometric Pressure [mb]
04/21/2022	22:30:00 - 22:45:00	13	4	8	1	9	0.7	160	15.4	59	1001.5
04/21/2022	22:45:00 - 23:00:00	7	1	4	1	1	0.8	158	16.7	53	1001.2
04/21/2022	23:00:00 - 23:15:00	7	1	4	1	2	0.7	180	16.8	56	1001.2
04/21/2022	23:15:00 - 23:30:00	8	1	5	1	2	0.9	166	16.7	61	1001.2
04/21/2022	23:30:00 - 23:45:00	8	1	5	1	3	0.8	184	16.3	66	1001.3
04/21/2022	23:45:00 - 00:00:00	8	2	5	1	3	1.0	189	16.0	69	1001.6
04/22/2022	00:00:00 - 00:15:00	8	2	5	1	3	1.1	186	15.5	71	1001.7
04/22/2022	00:15:00 - 00:30:00	9	2	5	1	3	1.1	186	15.2	74	1001.7
04/22/2022	00:30:00 - 00:45:00	9	2	6	1	3	0.7	174	15.1	76	1001.6
04/22/2022	00:45:00 - 01:00:00	9	2	6	1	4	0.7	208	15.1	78	1001.6
04/22/2022	01:00:00 - 01:15:00	10	3	6	1	4	0.6	119	15.0	79	1001.5
04/22/2022	01:15:00 - 01:30:00	11	4	7	1	6	1.5	111	15.2	81	1000.3
04/22/2022	01:30:00 - 01:45:00	11	4	7	1	6	0.9	147	14.9	85	999.8
04/22/2022	01:45:00 - 02:00:00	12	5	8	1	7	0.6	180	14.8	85	1000.3
04/22/2022	02:00:00 - 02:15:00	13	5	9	1	8	0.3	168	14.8	85	1000.9
04/22/2022	02:15:00 - 02:30:00	13	6	9	1	8	0.3	179	14.6	86	1001.3
04/22/2022	02:30:00 - 02:45:00	13	6	9	1	8	0.1	237	14.6	86	1001.8
04/22/2022	02:45:00 - 03:00:00	14	6	9	1	9	0.6	74	14.3	89	1001.9
04/22/2022	03:00:00 - 03:15:00	14	6	10	1	9	0.6	90	13.9	91	1001.9
04/22/2022	03:15:00 - 03:30:00	13	6	9	1	8	1.0	118	13.7	93	1001.7
04/22/2022	03:30:00 - 03:45:00	13	6	9	1	8	1.1	95	13.5	92	1001.4
04/22/2022	03:45:00 - 04:00:00	16	7	11	1	11	1.3	76	13.0	93	1001.1
04/22/2022	04:00:00 - 04:15:00	13	6	9	1	8	1.1	89	12.8	94	1000.7
04/22/2022	04:15:00 - 04:30:00	13	6	9	1	8	0.7	119	12.6	94	1000.9
04/22/2022	04:30:00 - 04:45:00	14	6	9	1	8	1.1	80	12.5	94	1000.9
04/22/2022	04:45:00 - 05:00:00	14	6	9	1	8	1.2	124	12.4	94	1000.8
04/22/2022	05:00:00 - 05:15:00	14	7	10	1	9	1.3	113	12.5	93	1001.1
04/22/2022	05:15:00 - 05:30:00	15	7	10	1	9	1.4	129	12.6	93	1000.7
04/22/2022	05:30:00 - 05:45:00	15	8	10	1	10	1.9	116	13.0	92	1000.4
04/22/2022	05:45:00 - 06:00:00	15	7	10	1	10	1.7	116	13.2	91	1000.4
04/22/2022	06:00:00 - 06:15:00	15	7	10	1	9	1.3	129	13.2	91	1000.6
04/22/2022	06:15:00 - 06:30:00	15	8	11	1	10	1.9	133	13.3	91	1000.5
04/22/2022	06:30:00 - 06:45:00	15	8	10	1	10	1.6	128	13.4	90	1000.6
04/22/2022	06:45:00 - 07:00:00	14	7	10	1	9	1.8	139	13.5	90	1000.7
04/22/2022	07:00:00 - 07:15:00	14	7	10	1	9	1.6	139	13.7	89	1001.0
04/22/2022	07:15:00 - 07:30:00	14	7	10	1	9	1.3	141	13.8	89	1001.5
04/22/2022	07:30:00 - 07:45:00	15	7	10	1	10	1.4	130	13.8	89	1001.7
04/22/2022	07:45:00 - 08:00:00	15	8	11	1	10	1.2	257	13.7	89	1002.8
04/22/2022	08:00:00 - 08:15:00	15	8	11	1	10	0.5	127	13.5	91	1002.6
04/22/2022	08:15:00 - 08:30:00	16	8	11	1	11	0.8	144	13.3	93	1002.4
04/22/2022	08:30:00 - 08:45:00	16	8	11	1	11	1.9	101	13.4	93	1002.0
04/22/2022	08:45:00 - 09:00:00	17	9	12	1	12	1.0	57	13.5	93	1002.0
04/22/2022	09:00:00 - 09:15:00	17	8	11	6	13	2.0	111	13.7	93	1001.6
04/22/2022	09:15:00 - 09:30:00	16	8	11	12	12	1.4	122	14.1	92	1001.6
04/22/2022	09:30:00 - 09:45:00	15	8	10	12	10	1.7	135	14.2	91	1001.5
04/22/2022	09:45:00 - 10:00:00	16	7	10	11	10	1.8	125	14.3	91	1001.3
04/22/2022	10:00:00 - 10:15:00	13	5	8	9	7	2.4	133	14.8	86	1001.1
04/22/2022	10:15:00 - 10:30:00	12	5	8	8	7	2.6	127	15.2	83	1001.0
04/22/2022	10:30:00 - 10:45:00	10	3	7	7	6	2.8	124	15.3	80	1000.7
04/22/2022	10:45:00 - 11:00:00	9	2	5	5	3	2.7	126	15.8	76	1000.3
04/22/2022	11:00:00 - 11:15:00	9	2	5	5	3	2.6	125	16.2	74	999.8
04/22/2022	11:15:00 - 11:30:00	10	2	6	6	4	2.9	142	16.7	75	999.4
04/22/2022	11:30:00 - 11:45:00	11	3	6	6	5	3.0	122	17.2	76	998.9
04/22/2022	11:45:00 - 12:00:00	11	3	7	7	4	2.7	125	17.6	77	998.9
04/22/2022	12:00:00 - 12:15:00	12	4	7	7	5	3.0	130	17.9	78	998.7
04/22/2022	12:15:00 - 12:30:00	12	4	7	8	6	3.4	141	18.5	77	998.2
04/22/2022	12:30:00 - 12:45:00	14	5	8	8	6	3.5	146	18.8	78	998.0
04/22/2022	12:45:00 - 13:00:00	15	6	8	9	7	3.5	138	19.4	78	997.8
04/22/2022	13:00:00 - 13:15:00	14	6	8	9	6	2.6	135	20.4	78	997.5
04/22/2022	13:15:00 - 13:30:00	15	6	8	9	6	3.0	145	21.0	77	997.2
04/22/2022	13:30:00 - 13:45:00	14	6	8	9	7	2.4	147	22.0	75	997.0
04/22/2022	13:45:00 - 14:00:00	14	6	8	9	5	2.2	157	22.9	73	996.7

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Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [$^{\circ}\text{Celsius}$]	Relative Humidity [%]	Barometric Pressure [mb]
04/22/2022	14:00:00 - 14:15:00	14	6	8	9	6	2.2	162	23.5	71	996.2
04/22/2022	14:15:00 - 14:30:00	14	6	8	9	4	2.0	179	24.2	68	996.0
04/22/2022	14:30:00 - 14:45:00	14	6	8	9	5	2.0	164	24.7	67	996.0
04/22/2022	14:45:00 - 15:00:00	14	5	8	10	5	1.9	178	24.5	67	995.8
04/22/2022	15:00:00 - 15:15:00	14	6	8	10	6	1.9	189	25.0	64	995.5
04/22/2022	15:15:00 - 15:30:00	15	6	8	9	5	2.4	186	25.4	63	995.1
04/22/2022	15:30:00 - 15:45:00	15	6	8	9	5	2.2	188	25.5	62	994.9
04/22/2022	15:45:00 - 16:00:00	14	6	8	8	4	2.1	196	26.1	60	994.6
04/22/2022	16:00:00 - 16:15:00	14	6	8	8	4	2.2	189	26.3	59	994.4
04/22/2022	16:15:00 - 16:30:00	14	5	8	8	4	1.8	183	26.5	58	994.1
04/22/2022	16:30:00 - 16:45:00	14	6	8	8	4	2.0	187	26.3	58	993.8
04/22/2022	16:45:00 - 17:00:00	15	6	8	8	4	2.1	186	26.5	58	993.6
04/22/2022	17:00:00 - 17:15:00	15	6	8	9	5	2.5	197	26.5	58	993.6
04/22/2022	17:15:00 - 17:30:00	15	6	8	9	5	1.7	171	26.6	58	993.6
04/22/2022	17:30:00 - 17:45:00	15	6	8	9	5	2.1	186	26.6	57	993.5
04/22/2022	17:45:00 - 18:00:00	15	6	8	9	5	1.4	188	26.6	57	993.6
04/22/2022	18:00:00 - 18:15:00	15	6	8	9	5	1.2	168	26.4	58	993.7
04/22/2022	18:15:00 - 18:30:00	16	6	9	9	5	1.3	159	25.9	59	993.7
04/22/2022	18:30:00 - 18:45:00	15	6	8	9	5	1.3	177	25.6	60	993.6
04/22/2022	18:45:00 - 19:00:00	15	6	8	9	5	1.4	186	25.2	61	993.5
04/22/2022	19:00:00 - 19:15:00	15	6	8	9	5	1.5	172	24.7	64	993.3
04/22/2022	19:15:00 - 19:30:00	15	6	8	9	5	1.6	174	24.2	66	993.1
04/22/2022	19:30:00 - 19:45:00	15	5	8	9	6	1.4	169	23.7	68	993.0
04/22/2022	19:45:00 - 20:00:00	15	5	8	8	5	1.4	177	23.2	70	992.9
04/22/2022	20:00:00 - 20:15:00	15	5	8	8	6	1.5	171	22.8	71	992.7
04/22/2022	20:15:00 - 20:30:00	15	5	8	8	6	1.4	165	22.3	73	992.6
04/22/2022	20:30:00 - 20:45:00	15	5	8	8	6	1.6	159	22.1	73	992.6
04/22/2022	20:45:00 - 21:00:00	15	5	8	8	6	1.3	161	21.9	74	992.6
04/22/2022	21:00:00 - 21:15:00	15	5	8	9	6	1.3	158	21.8	74	992.7
04/22/2022	21:15:00 - 21:30:00	15	5	8	9	7	1.1	154	21.5	75	992.7
04/22/2022	21:30:00 - 21:45:00	15	5	8	9	7	1.2	149	21.2	76	992.8
04/22/2022	21:45:00 - 22:00:00	15	5	8	9	7	1.2	155	20.9	77	992.8
04/22/2022	22:00:00 - 22:15:00	15	5	8	9	7	1.3	161	20.8	77	992.7
04/22/2022	22:15:00 - 22:30:00	15	5	8	9	7	1.1	169	20.5	77	992.6
04/22/2022	22:30:00 - 22:45:00	15	6	8	9	7	1.1	164	20.3	78	992.5
04/22/2022	22:45:00 - 23:00:00	15	6	9	9	8	0.8	168	19.8	80	992.4
04/22/2022	23:00:00 - 23:15:00	15	5	9	9	8	1.0	163	19.5	81	992.2
04/22/2022	23:15:00 - 23:30:00	15	5	9	9	8	0.8	173	19.1	82	992.1
04/22/2022	23:30:00 - 23:45:00	15	5	9	9	8	0.7	169	18.7	83	992.0
04/22/2022	23:45:00 - 00:00:00	15	4	9	9	8	1.0	178	18.8	82	991.8
04/23/2022	00:00:00 - 00:15:00	15	4	9	9	8	1.2	183	19.0	81	991.6
04/23/2022	00:15:00 - 00:30:00	15	5	9	9	8	1.1	175	18.9	80	991.5
04/23/2022	00:30:00 - 00:45:00	15	5	9	9	8	0.8	164	18.5	81	991.5
04/23/2022	00:45:00 - 01:00:00	15	5	9	9	8	0.9	170	18.3	82	991.4
04/23/2022	01:00:00 - 01:15:00	15	5	9	9	8	1.1	148	18.4	81	991.4
04/23/2022	01:15:00 - 01:30:00	14	5	9	9	8	1.0	149	18.2	81	991.3
04/23/2022	01:30:00 - 01:45:00	14	5	9	9	8	0.9	154	18.0	81	991.2
04/23/2022	01:45:00 - 02:00:00	14	5	9	9	8	0.8	150	17.9	81	991.1
04/23/2022	02:00:00 - 02:15:00	14	5	9	9	8	0.9	158	17.8	81	991.0
04/23/2022	02:15:00 - 02:30:00	14	5	9	9	8	1.0	159	17.8	81	990.8
04/23/2022	02:30:00 - 02:45:00	14	5	9	9	8	0.9	166	17.8	81	990.8
04/23/2022	02:45:00 - 03:00:00	14	5	9	9	8	0.9	164	17.5	81	990.7
04/23/2022	03:00:00 - 03:15:00	14	5	9	9	8	0.8	172	17.3	81	990.5
04/23/2022	03:15:00 - 03:30:00	14	5	9	8	8	1.0	182	17.2	81	990.3
04/23/2022	03:30:00 - 03:45:00	14	5	9	8	8	0.9	176	16.9	82	990.2
04/23/2022	03:45:00 - 04:00:00	14	5	9	8	8	1.0	175	16.7	82	990.1
04/23/2022	04:00:00 - 04:15:00	14	5	9	9	8	1.1	175	16.4	83	990.1
04/23/2022	04:15:00 - 04:30:00	14	5	9	9	8	1.2	182	16.4	82	990.1
04/23/2022	04:30:00 - 04:45:00	14	5	9	9	8	1.1	183	16.3	83	990.0
04/23/2022	04:45:00 - 05:00:00	14	5	9	8	8	1.2	181	16.5	82	990.0
04/23/2022	05:00:00 - 05:15:00	14	5	9	8	8	1.3	182	16.5	82	989.9
04/23/2022	05:15:00 - 05:30:00	14	5	8	8	8	1.4	179	16.4	82	989.8

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [$^{\circ}\text{Celsius}$]	Relative Humidity [%]	Barometric Pressure [mb]
04/23/2022	05:30:00 - 05:45:00	14	5	9	8	8	1.1	182	16.4	82	989.8
04/23/2022	05:45:00 - 06:00:00	14	5	8	8	7	1.2	183	16.3	82	989.8
04/23/2022	06:00:00 - 06:15:00	14	5	8	8	7	1.1	186	16.3	82	989.8
04/23/2022	06:15:00 - 06:30:00	14	4	8	8	7	1.1	183	16.4	82	989.9
04/23/2022	06:30:00 - 06:45:00	14	5	8	8	8	0.9	180	16.6	81	990.0
04/23/2022	06:45:00 - 07:00:00	14	5	9	8	8	1.1	164	17.3	79	990.1
04/23/2022	07:00:00 - 07:15:00	14	6	9	10	8	1.3	169	18.1	77	990.0
04/23/2022	07:15:00 - 07:30:00	14	6	9	9	8	1.5	160	18.5	76	990.0
04/23/2022	07:30:00 - 07:45:00	14	6	9	8	7	1.4	168	18.7	75	990.0
04/23/2022	07:45:00 - 08:00:00	14	6	9	14	7	1.4	170	18.8	75	990.0
04/23/2022	08:00:00 - 08:15:00	15	6	9	9	8	1.3	165	18.9	76	990.0
04/23/2022	08:15:00 - 08:30:00	15	5	9	33	7	1.5	177	19.6	75	990.0
04/23/2022	08:30:00 - 08:45:00	15	6	9	15	7	1.5	187	20.4	73	989.9
04/23/2022	08:45:00 - 09:00:00	15	6	9	9	7	1.8	186	21.0	71	989.8
04/23/2022	09:00:00 - 09:15:00	15	6	9	9	6	2.1	192	21.3	71	989.6
04/23/2022	09:15:00 - 09:30:00	15	6	9	10	6	2.5	196	21.7	70	989.6
04/23/2022	09:30:00 - 09:45:00	16	6	9	10	6	2.7	197	22.6	66	989.5
04/23/2022	09:45:00 - 10:00:00	15	6	8	9	6	3.4	205	22.6	66	989.5
04/23/2022	10:00:00 - 10:15:00	16	6	9	9	6	3.3	202	22.6	66	989.4
04/23/2022	10:15:00 - 10:30:00	17	6	9	9	5	2.9	205	23.4	64	989.4
04/23/2022	10:30:00 - 10:45:00	15	6	8	9	5	3.3	203	24.1	62	989.3
04/23/2022	10:45:00 - 11:00:00	15	6	8	10	5	3.4	198	24.3	61	989.1
04/23/2022	11:00:00 - 11:15:00	15	6	8	8	4	2.7	198	24.9	59	988.8
04/23/2022	11:15:00 - 11:30:00	15	6	8	8	5	2.8	195	25.4	57	988.7
04/23/2022	11:30:00 - 11:45:00	15	5	8	8	4	3.0	191	25.8	55	988.7
04/23/2022	11:45:00 - 12:00:00	14	5	8	8	4	2.3	183	25.8	54	988.7
04/23/2022	12:00:00 - 12:15:00	14	5	8	8	3	2.3	192	25.8	54	988.6
04/23/2022	12:15:00 - 12:30:00	14	5	8	8	4	2.5	187	25.6	55	988.5
04/23/2022	12:30:00 - 12:45:00	15	5	8	8	4	2.2	186	26.0	53	988.4
04/23/2022	12:45:00 - 13:00:00	15	6	8	8	4	2.0	189	26.6	52	988.1
04/23/2022	13:00:00 - 13:15:00	14	5	8	8	4	2.8	190	27.3	49	987.9
04/23/2022	13:15:00 - 13:30:00	15	5	8	8	3	2.4	188	27.7	49	987.7
04/23/2022	13:30:00 - 13:45:00	14	5	7	7	3	2.4	189	27.9	46	987.6
04/23/2022	13:45:00 - 14:00:00	14	5	7	7	3	2.4	188	27.9	46	987.5
04/23/2022	14:00:00 - 14:15:00	15	5	8	8	4	2.1	182	28.2	43	987.3
04/23/2022	14:15:00 - 14:30:00	15	5	8	8	3	2.9	192	28.2	43	987.0
04/23/2022	14:30:00 - 14:45:00	15	5	7	7	3	3.5	199	28.1	43	986.9
04/23/2022	14:45:00 - 15:00:00	14	4	7	7	3	2.9	187	28.1	42	986.7
04/23/2022	15:00:00 - 15:15:00	14	4	7	7	3	2.7	189	28.3	43	986.5
04/23/2022	15:15:00 - 15:30:00	14	4	7	7	2	2.4	185	28.2	41	986.3
04/23/2022	15:30:00 - 15:45:00	14	4	7	7	2	2.8	189	28.4	43	986.1
04/23/2022	15:45:00 - 16:00:00	14	4	6	7	2	3.0	185	28.3	43	985.9
04/23/2022	16:00:00 - 16:15:00	14	4	6	6	1	2.5	183	28.3	43	985.8
04/23/2022	16:15:00 - 16:30:00	14	4	6	6	2	2.7	190	28.3	43	985.7
04/23/2022	16:30:00 - 16:45:00	14	4	7	6	2	2.9	191	28.1	43	985.5
04/23/2022	16:45:00 - 17:00:00	14	4	7	7	2	2.6	193	27.4	45	985.5
04/23/2022	17:00:00 - 17:15:00	14	4	7	6	2	1.9	189	27.2	45	985.5
04/23/2022	17:15:00 - 17:30:00	14	4	7	6	2	2.5	197	26.8	46	985.5
04/23/2022	17:30:00 - 17:45:00	14	4	7	7	2	2.0	179	26.5	47	985.5
04/23/2022	17:45:00 - 18:00:00	14	4	7	7	2	2.1	187	26.4	47	985.4
04/23/2022	18:00:00 - 18:15:00	14	4	7	6	2	1.8	190	26.2	47	985.3
04/23/2022	18:15:00 - 18:30:00	14	4	7	6	2	1.9	185	26.0	47	985.1
04/23/2022	18:30:00 - 18:45:00	14	4	7	6	2	1.8	194	25.6	48	985.0
04/23/2022	18:45:00 - 19:00:00	14	4	7	6	2	2.0	184	25.2	50	985.0
04/23/2022	19:00:00 - 19:15:00	14	4	7	7	2	2.0	184	25.0	50	984.9
04/23/2022	19:15:00 - 19:30:00	14	4	7	7	3	2.1	185	24.5	52	984.8
04/23/2022	19:30:00 - 19:45:00	16	5	8	8	5	1.6	180	24.0	54	984.9
04/23/2022	19:45:00 - 20:00:00	16	5	8	8	5	1.3	183	23.4	56	985.2
04/23/2022	20:00:00 - 20:15:00	15	5	7	7	4	1.2	181	23.1	58	985.3
04/23/2022	20:15:00 - 20:30:00	15	5	8	7	4	1.4	176	22.9	59	985.2
04/23/2022	20:30:00 - 20:45:00	15	5	8	8	5	1.3	162	22.8	59	985.2
04/23/2022	20:45:00 - 21:00:00	16	6	8	8	5	1.6	160	22.7	60	985.2

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Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/23/2022	21:00:00 - 21:15:00	16	6	9	8	6	1.6	169	22.6	60	985.2
04/23/2022	21:15:00 - 21:30:00	17	6	9	9	6	1.2	168	22.4	60	985.2
04/23/2022	21:30:00 - 21:45:00	17	7	9	9	7	1.3	180	22.2	60	985.3
04/23/2022	21:45:00 - 22:00:00	17	7	9	9	7	1.7	187	22.0	60	985.5
04/23/2022	22:00:00 - 22:15:00	17	7	10	9	7	1.6	185	21.9	61	985.7
04/23/2022	22:15:00 - 22:30:00	18	7	10	10	8	1.4	187	21.7	61	985.9
04/23/2022	22:30:00 - 22:45:00	18	8	10	10	8	1.7	186	21.7	60	985.9
04/23/2022	22:45:00 - 23:00:00	17	7	9	9	7	1.2	179	21.8	60	985.8
04/23/2022	23:00:00 - 23:15:00	17	7	10	9	7	1.8	179	21.5	61	985.6
04/23/2022	23:15:00 - 23:30:00	17	6	9	9	7	1.7	179	21.4	62	985.5
04/23/2022	23:30:00 - 23:45:00	17	6	9	9	7	1.9	179	21.2	63	985.6
04/23/2022	23:45:00 - 00:00:00	17	6	9	9	7	1.8	180	20.9	63	985.8
04/24/2022	00:00:00 - 00:15:00	17	6	9	9	6	1.8	191	21.1	63	986.0
04/24/2022	00:15:00 - 00:30:00	16	6	9	9	6	1.7	181	21.1	63	985.8
04/24/2022	00:30:00 - 00:45:00	16	6	9	9	6	1.9	183	20.6	65	985.8
04/24/2022	00:45:00 - 01:00:00	16	6	9	8	6	1.6	184	20.4	66	985.8
04/24/2022	01:00:00 - 01:15:00	16	6	9	8	6	1.5	188	20.0	67	985.9
04/24/2022	01:15:00 - 01:30:00	16	5	9	8	6	1.5	185	20.0	67	985.9
04/24/2022	01:30:00 - 01:45:00	15	5	8	8	5	1.4	176	19.9	67	985.9
04/24/2022	01:45:00 - 02:00:00	15	5	8	8	5	1.5	183	19.9	67	985.9
04/24/2022	02:00:00 - 02:15:00	15	5	8	7	5	2	184	20	66	986
04/24/2022	02:15:00 - 02:30:00	15	4	8	7	5	2	187	20	65	986
04/24/2022	02:30:00 - 02:45:00	14	4	8	7	5	2	188	20	65	985
04/24/2022	02:45:00 - 03:00:00	14	4	8	7	4	2	186	20	66	985
04/24/2022	03:00:00 - 03:15:00	14	4	8	7	4	1.6	180	19.6	68	985.5
04/24/2022	03:15:00 - 03:30:00	14	4	8	7	4	1.6	178	19.4	68	985.5
04/24/2022	03:30:00 - 03:45:00	14	4	8	7	4	1.8	181	19.4	68	985.5
04/24/2022	03:45:00 - 04:00:00	14	4	8	7	4	1.9	182	19.3	68	985.5
04/24/2022	04:00:00 - 04:15:00	14	4	7	7	4	2.1	183	19.2	68	985.5
04/24/2022	04:15:00 - 04:30:00	14	4	7	7	4	1.8	184	19.3	68	985.4
04/24/2022	04:30:00 - 04:45:00	14	4	7	7	4	1.9	186	19.3	68	985.4
04/24/2022	04:45:00 - 05:00:00	14	4	7	7	4	1.6	186	19.4	68	985.5
04/24/2022	05:00:00 - 05:15:00	14	4	7	7	4	1.7	185	19.5	68	985.4
04/24/2022	05:15:00 - 05:30:00	14	4	7	7	4	1.4	181	19.7	68	985.5
04/24/2022	05:30:00 - 05:45:00	14	4	7	7	4	1.6	179	19.8	68	985.5
04/24/2022	05:45:00 - 06:00:00	13	4	7	6	4	1.5	178	19.8	69	985.5
04/24/2022	06:00:00 - 06:15:00	13	4	7	7	3	1.7	179	20.0	68	985.7
04/24/2022	06:15:00 - 06:30:00	13	4	7	7	3	1.6	176	19.9	69	985.8
04/24/2022	06:30:00 - 06:45:00	14	4	7	7	3	1.9	188	19.8	69	986.0
04/24/2022	06:45:00 - 07:00:00	14	4	7	7	4	1.8	191	19.9	69	986.2
04/24/2022	07:00:00 - 07:15:00	15	5	8	8	5	2.1	192	18.8	77	986.4
04/24/2022	07:15:00 - 07:30:00	15	5	9	8	5	1.7	183	18.5	80	986.2
04/24/2022	07:30:00 - 07:45:00	15	5	9	8	6	1.3	180	18.7	79	986.2
04/24/2022	07:45:00 - 08:00:00	16	5	9	9	6	1.5	187	19.4	77	986.1
04/24/2022	08:00:00 - 08:15:00	15	6	9	8	6	2.3	195	19.8	75	986.0
04/24/2022	08:15:00 - 08:30:00	15	5	9	9	6	2.0	193	20.2	74	986.0
04/24/2022	08:30:00 - 08:45:00	15	6	8	8	5	2.6	197	20.4	74	986.0
04/24/2022	08:45:00 - 09:00:00	15	6	9	8	5	2.4	199	20.5	74	986.0
04/24/2022	09:00:00 - 09:15:00	15	6	8	8	5	3.0	201	20.8	74	986.1
04/24/2022	09:15:00 - 09:30:00	15	6	8	8	5	3.4	201	21.3	73	986.0
04/24/2022	09:30:00 - 09:45:00	15	6	8	8	5	2.6	202	21.4	73	986.0
04/24/2022	09:45:00 - 10:00:00	15	6	8	8	5	3.6	205	21.4	74	986.1
04/24/2022	10:00:00 - 10:15:00	15	5	8	8	4	4.3	206	21.7	74	986.2
04/24/2022	10:15:00 - 10:30:00	14	5	8	8	4	3.3	203	22.3	73	986.1
04/24/2022	10:30:00 - 10:45:00	14	5	7	7	3	4.2	208	22.6	73	985.9
04/24/2022	10:45:00 - 11:00:00	14	5	7	7	3	3.8	208	22.7	72	985.8
04/24/2022	11:00:00 - 11:15:00	14	5	7	7	3	4.2	209	22.6	73	985.7
04/24/2022	11:15:00 - 11:30:00	13	4	7	6	2	4.0	210	23.1	71	985.7
04/24/2022	11:30:00 - 11:45:00	13	4	7	6	2	4.1	206	23.4	70	985.5
04/24/2022	11:45:00 - 12:00:00	13	4	6	6	2	4.6	207	23.9	68	985.5
04/24/2022	12:00:00 - 12:15:00	12	3	6	6	1	3.7	210	24.6	65	985.3
04/24/2022	12:15:00 - 12:30:00	13	3	6	6	1	4.1	209	24.5	64	985.3

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [$^{\circ}\text{Celsius}$]	Relative Humidity [%]	Barometric Pressure [mb]
04/24/2022	12:30:00 - 12:45:00	12	3	6	6	1	4.3	211	24.6	63	985.2
04/24/2022	12:45:00 - 13:00:00	12	3	6	6	1	4.2	206	24.6	63	985.2
04/24/2022	13:00:00 - 13:15:00	12	3	6	6	1	3.0	208	24.4	64	985.1
04/24/2022	13:15:00 - 13:30:00	12	3	6	6	0	4.2	213	24.6	62	985.2
04/24/2022	13:30:00 - 13:45:00	12	3	5	7	0	3.5	209	24.7	61	985.0
04/24/2022	13:45:00 - 14:00:00	12	3	6	6	0	3.4	210	24.5	61	985.0
04/24/2022	14:00:00 - 14:15:00	12	3	6	5	1	3.2	213	24.2	62	985.0
04/24/2022	14:15:00 - 14:30:00	13	3	7	6	2	3.8	211	23.8	64	985.2
04/24/2022	14:30:00 - 14:45:00	14	4	7	7	2	3.4	255	20.2	84	985.6
04/24/2022	14:45:00 - 15:00:00	12	3	6	6	1	2.6	263	18.7	93	985.9
04/24/2022	15:00:00 - 15:15:00	11	2	5	4	0	1.6	253	18.4	98	986.1
04/24/2022	15:15:00 - 15:30:00	10	1	4	3	0	1.9	263	18.5	99	985.9
04/24/2022	15:30:00 - 15:45:00	10	1	5	4	0	1.3	241	18.7	99	985.9
04/24/2022	15:45:00 - 16:00:00	11	2	5	5	0	1.6	209	19.3	98	985.7
04/24/2022	16:00:00 - 16:15:00	13	3	6	6	1	1.8	213	20.0	96	985.5
04/24/2022	16:15:00 - 16:30:00	13	3	6	6	2	2.4	211	20.8	92	985.4
04/24/2022	16:30:00 - 16:45:00	13	4	6	6	2	1.7	204	20.7	90	985.3
04/24/2022	16:45:00 - 17:00:00	14	4	7	6	2	1.0	236	20.4	91	985.3
04/24/2022	17:00:00 - 17:15:00	13	3	7	6	2	1.2	227	20.4	91	985.3
04/24/2022	17:15:00 - 17:30:00	13	3	7	6	2	0.8	241	20.4	92	985.3
04/24/2022	17:30:00 - 17:45:00	14	4	7	6	2	0.8	185	20.3	93	985.1
04/24/2022	17:45:00 - 18:00:00	14	4	7	7	2	2.1	256	20.3	92	985.7
04/24/2022	18:00:00 - 18:15:00	14	4	7	7	3	1.8	232	19.3	98	985.6
04/24/2022	18:15:00 - 18:30:00	14	5	7	8	5	0.7	263	19.5	99	985.4
04/24/2022	18:30:00 - 18:45:00	14	4	7	7	4	0.8	280	19.5	99	985.5
04/24/2022	18:45:00 - 19:00:00	14	4	7	7	3	1.9	286	19.5	98	985.8
04/24/2022	19:00:00 - 19:15:00	12	3	6	6	1	2.2	293	18.7	99	986.0
04/24/2022	19:15:00 - 19:30:00	12	2	6	5	1	1.2	274	18.4	99	986.2
04/24/2022	19:30:00 - 19:45:00	12	3	6	6	2	0.6	261	18.4	99	986.2
04/24/2022	19:45:00 - 20:00:00	13	3	7	6	2	1.4	269	18.4	99	986.6
04/24/2022	20:00:00 - 20:15:00	12	3	6	5	2	1.3	262	18.3	96	987.0
04/24/2022	20:15:00 - 20:30:00	12	2	6	5	1	0.7	232	18.2	94	987.0
04/24/2022	20:30:00 - 20:45:00	11	2	6	5	1	1.0	239	18.2	92	987.1
04/24/2022	20:45:00 - 21:00:00	11	2	6	5	1	1.8	273	18.1	92	987.3
04/24/2022	21:00:00 - 21:15:00	11	2	6	5	1	2.6	274	18.0	91	987.5
04/24/2022	21:15:00 - 21:30:00	11	1	5	4	0	2.7	274	17.4	92	987.7
04/24/2022	21:30:00 - 21:45:00	9	0	5	3	0	2.5	272	17.0	89	987.7
04/24/2022	21:45:00 - 22:00:00	9	0	4	2	0	2.0	275	16.4	90	987.7
04/24/2022	22:00:00 - 22:15:00	8	0	4	3	0	1.2	284	16.2	91	987.4
04/24/2022	22:15:00 - 22:30:00	9	0	4	3	0	1.1	286	16.0	92	987.3
04/24/2022	22:30:00 - 22:45:00	9	0	4	3	0	0.7	272	15.8	92	987.5
04/24/2022	22:45:00 - 23:00:00	8	0	4	2	0	1.4	286	15.9	90	987.8
04/24/2022	23:00:00 - 23:15:00	8	0	4	2	0	1.3	274	15.6	91	987.7
04/24/2022	23:15:00 - 23:30:00	8	0	4	2	0	1.3	283	15.6	92	987.8
04/24/2022	23:30:00 - 23:45:00	8	0	4	2	0	1.0	266	15.7	91	988.0
04/24/2022	23:45:00 - 00:00:00	8	0	4	2	0	1.2	265	15.8	87	988.2
04/25/2022	00:00:00 - 00:15:00	8	0	3	2	0	1.3	269	15.8	84	988.4
04/25/2022	00:15:00 - 00:30:00	7	0	3	2	0	1.0	258	15.6	84	988.7
04/25/2022	00:30:00 - 00:45:00	7	0	3	2	0	1.0	284	15.5	85	988.6
04/25/2022	00:45:00 - 01:00:00	8	0	3	2	0	0.7	270	15.3	85	988.5
04/25/2022	01:00:00 - 01:15:00	7	0	3	2	0	0.7	211	15.3	84	988.6
04/25/2022	01:15:00 - 01:30:00	8	0	3	2	0	0.9	259	15.2	86	989.0
04/25/2022	01:30:00 - 01:45:00	8	0	4	2	0	1.2	256	15.2	88	989.3
04/25/2022	01:45:00 - 02:00:00	8	0	3	2	0	0.8	246	15.1	90	989.2
04/25/2022	02:00:00 - 02:15:00	8	0	4	2	0	0.7	249	14.9	90	989.0
04/25/2022	02:15:00 - 02:30:00	8	0	3	2	0	0.7	281	14.9	89	988.7
04/25/2022	02:30:00 - 02:45:00	8	0	3	2	0	0.8	254	14.8	89	988.8
04/25/2022	02:45:00 - 03:00:00	8	0	3	2	0	0.6	291	14.7	88	988.6
04/25/2022	03:00:00 - 03:15:00	7	0	3	2	0	1.0	290	14.5	87	988.5
04/25/2022	03:15:00 - 03:30:00	7	0	3	1	0	1.1	297	14.4	84	988.5
04/25/2022	03:30:00 - 03:45:00	7	0	3	1	0	1.6	319	14.1	80	988.8
04/25/2022	03:45:00 - 04:00:00	7	0	3	1	0	1.2	341	13.8	75	988.8

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [$^{\circ}\text{C}$]	Relative Humidity [%]	Barometric Pressure [mb]
04/25/2022	04:00:00 - 04:15:00	7	0	3	1	0	1.2	357	13.6	75	988.5
04/25/2022	04:15:00 - 04:30:00	7	0	3	1	0	1.4	21	13.2	78	988.2
04/25/2022	04:30:00 - 04:45:00	7	0	3	1	0	1.7	359	12.7	79	988.7
04/25/2022	04:45:00 - 05:00:00	7	0	3	1	0	1.6	353	12.3	80	988.8
04/25/2022	05:00:00 - 05:15:00	7	0	3	2	0	1.3	346	12.2	78	989.3
04/25/2022	05:15:00 - 05:30:00	7	0	3	2	0	1.1	352	12.1	78	989.7
04/25/2022	05:30:00 - 05:45:00	7	0	3	2	0	0.7	21	12.0	79	989.7
04/25/2022	05:45:00 - 06:00:00	7	0	3	1	0	0.9	334.2	11.9	80.1	990.0
04/25/2022	06:00:00 - 06:15:00	7	0	3	2	0	0.8	7.5	11.6	81.6	989.7
04/25/2022	06:15:00 - 06:30:00	7	0	3	2	0	0.6	26.7	11.5	81.9	989.8
04/25/2022	06:30:00 - 06:45:00	7	0	3	2	0	1.0	305.7	11.6	82.0	990.2
04/25/2022	06:45:00 - 07:00:00	7	0	3	2	0	1.0	338.0	11.6	80.3	990.4
04/25/2022	07:00:00 - 07:15:00	7	0	4	2	0	1.1	332.0	11.6	79.4	990.3
04/25/2022	07:15:00 - 07:30:00	8	0	4	2	0	1.3	338.0	11.6	76.2	990.4
04/25/2022	07:30:00 - 07:45:00	7	0	4	2	0	1.1	315.3	11.5	77.6	990.7
04/25/2022	07:45:00 - 08:00:00	10	0	5	2	0	1.1	304.9	11.5	77.4	990.7
04/25/2022	08:00:00 - 08:15:00	7	0	4	2	0	1.3	287.3	11.7	75.0	990.8
04/25/2022	08:15:00 - 08:30:00	7	0	4	3	0	1.4	315.3	11.8	73.2	990.8
04/25/2022	08:30:00 - 08:45:00	7	0	3	2	0	1.7	286.4	11.9	70.7	991.0
04/25/2022	08:45:00 - 09:00:00	7	0	4	2	0	1.9	305.0	11.8	66.7	991.0
04/25/2022	09:00:00 - 09:15:00	8	0	4	2	0	1.8	289.4	12.0	68.3	991.1
04/25/2022	09:15:00 - 09:30:00	8	0	4	2	0	2.8	293.7	11.8	68.8	991.5
04/25/2022	09:30:00 - 09:45:00	8	0	4	2	0	2.0	279.6	11.6	68.9	991.6
04/25/2022	09:45:00 - 10:00:00	8	0	4	2	0	2.2	281.6	11.5	66.9	991.6
04/25/2022	10:00:00 - 10:15:00	8	0	4	2	0	2.8	298.1	11.3	67.4	991.6
04/25/2022	10:15:00 - 10:30:00	8	0	4	2	0	2.4	283.1	11.3	69.2	991.7
04/25/2022	10:30:00 - 10:45:00	8	0	4	2	0	2.4	293.8	11.5	69.1	991.8
04/25/2022	10:45:00 - 11:00:00	8	0	4	2	0	2.7	288.4	11.7	67.2	991.8
04/25/2022	11:00:00 - 11:15:00	8	0	4	Offline	0	3.0	291.4	11.7	65.7	991.9
04/25/2022	11:15:00 - 11:30:00	8	0	4	2	0	3.0	288.2	12.0	64.9	991.9
04/25/2022	11:30:00 - 11:45:00	8	0	4	2	0	2.5	292	12.4	66	992.0
04/25/2022	11:45:00 - 12:00:00	8	0	4	2	0	2.6	280	13.3	65	992.0
04/25/2022	12:00:00 - 12:15:00	8	0	4	2	0	3.2	273	13.3	63	992.0
04/25/2022	12:15:00 - 12:30:00	8	0	4	2	0	2.9	279	13.9	62	992.1
04/25/2022	12:30:00 - 12:45:00	8	0	4	2	0	2.9	283	13.8	60	992.2
04/25/2022	12:45:00 - 13:00:00	9	1	4	2	0	3.2	290	13.5	61	992.4
04/25/2022	13:00:00 - 13:15:00	9	0	4	2	0	3.0	291	13.3	61	992.5
04/25/2022	13:15:00 - 13:30:00	9	0	4	2	0	2.8	279	13.5	61	992.7
04/25/2022	13:30:00 - 13:45:00	10	1	4	2	0	2.8	302	13.4	61	992.8
04/25/2022	13:45:00 - 14:00:00	9	0	4	2	0	2.8	301	13.6	61	992.8
04/25/2022	14:00:00 - 14:15:00	10	0	4	2	0	3.1	282	13.5	60	993.0
04/25/2022	14:15:00 - 14:30:00	10	0	4	2	0	3.3	291	13.0	61	993.1
04/25/2022	14:30:00 - 14:45:00	13	0	6	2	0	2.5	281	13.1	61	993.2
04/25/2022	14:45:00 - 15:00:00	9	0	4	2	0	3.2	289	12.6	61	993.4
04/25/2022	15:00:00 - 15:15:00	9	0	4	2	0	3.3	290	12.1	64	993.5
04/25/2022	15:15:00 - 15:30:00	8	0	4	2	0	2.7	284	12.2	63	993.5
04/25/2022	15:30:00 - 15:45:00	8	0	4	2	0	3.2	287	12.1	61	993.7
04/25/2022	15:45:00 - 16:00:00	9	0	4	2	0	3.0	298	12.1	62	993.8
04/25/2022	16:00:00 - 16:15:00	8	0	4	2	0	3.4	292	11.7	62	994.1
04/25/2022	16:15:00 - 16:30:00	8	0	4	2	0	3.1	283	11.8	61	994.4
04/25/2022	16:30:00 - 16:45:00	8	0	4	2	0	3.1	287	11.4	62	994.6
04/25/2022	16:45:00 - 17:00:00	8	0	4	2	0	3.3	295	11.3	61	994.8
04/25/2022	17:00:00 - 17:15:00	8	0	4	2	0	3.3	292	10.8	63	995.1
04/25/2022	17:15:00 - 17:30:00	8	0	4	2	0	3.1	297	10.6	63	995.2
04/25/2022	17:30:00 - 17:45:00	8	0	4	2	0	3.2	297	10.5	63	995.3
04/25/2022	17:45:00 - 18:00:00	8	0	4	2	0	3.7	304	10.3	63	995.5
04/25/2022	18:00:00 - 18:15:00	8	0	4	2	0	3.4	292	9.9	61	995.6
04/25/2022	18:15:00 - 18:30:00	7	0	4	2	0	2.6	286	9.8	60	995.7
04/25/2022	18:30:00 - 18:45:00	8	0	4	2	0	2.8	290	9.6	60	995.9
04/25/2022	18:45:00 - 19:00:00	8	0	4	2	0	3.4	292	9.3	60	995.9
04/25/2022	19:00:00 - 19:15:00	7	0	4	2	0	2.9	284	9.0	61	996.1
04/25/2022	19:15:00 - 19:30:00	8	0	4	2	0	2.9	293	8.7	62	996.3

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [$^{\circ}\text{Celsius}$]	Relative Humidity [%]	Barometric Pressure [mb]
04/25/2022	19:30:00 - 19:45:00	8	0	4	2	0	2.7	292	8.2	63	996.5
04/25/2022	19:45:00 - 20:00:00	8	0	4	2	0	2.5	291	7.8	63	996.7
04/25/2022	20:00:00 - 20:15:00	8	0	4	2	0	2.7	296	7.5	64	996.8
04/25/2022	20:15:00 - 20:30:00	8	0	4	2	0	2.5	288	7.2	65	997.1
04/25/2022	20:30:00 - 20:45:00	8	0	4	2	0	2.4	288	6.9	67	997.3
04/25/2022	20:45:00 - 21:00:00	8	0	4	2	0	2.2	286	6.7	68	997.6
04/25/2022	21:00:00 - 21:15:00	8	1	4	2	0	2.2	293	6.5	68	997.7
04/25/2022	21:15:00 - 21:30:00	8	1	5	2	0	2.5	294	6.4	68	997.9
04/25/2022	21:30:00 - 21:45:00	8	1	5	2	0	2.8	294	6.3	66	998.0
04/25/2022	21:45:00 - 22:00:00	8	1	5	2	0	2.6	294	6.3	65	998.1
04/25/2022	22:00:00 - 22:15:00	8	1	5	2	0	2.6	299	6.3	67	998.1
04/25/2022	22:15:00 - 22:30:00	8	1	5	2	0	2.7	299	6.0	68	998.1
04/25/2022	22:30:00 - 22:45:00	8	1	5	3	0	2.0	295	5.7	70	998.1
04/25/2022	22:45:00 - 23:00:00	8	1	5	3	1	1.9	291	5.3	72	998.2
04/25/2022	23:00:00 - 23:15:00	8	1	5	3	1	2.0	287	5.1	73	998.2
04/25/2022	23:15:00 - 23:30:00	8	2	5	3	1	2.1	292	4.9	74	998.3
04/25/2022	23:30:00 - 23:45:00	8	2	5	3	0	2.4	289	4.7	73	998.3
04/25/2022	23:45:00 - 00:00:00	8	1	5	3	0	2.5	284	4.5	74	998.4
04/26/2022	00:00:00 - 00:15:00	8	2	5	3	1	2.1	290	4.2	76	998.5
04/26/2022	00:15:00 - 00:30:00	8	2	5	2	0	2.3	290	4.0	76	998.4
04/26/2022	00:30:00 - 00:45:00	8	2	5	3	0	2.3	287	3.8	76	998.5
04/26/2022	00:45:00 - 01:00:00	8	2	5	3	0	2.2	284	3.6	77	998.4
04/26/2022	01:00:00 - 01:15:00	8	2	5	3	0	2.1	287	3.3	78	998.3
04/26/2022	01:15:00 - 01:30:00	8	2	5	3	0	2.4	282	3.2	79	998.4
04/26/2022	01:30:00 - 01:45:00	8	2	5	3	0	2.4	291	3.2	80	998.3
04/26/2022	01:45:00 - 02:00:00	8	2	5	3	1	2.6	294	3.3	80	998.3
04/26/2022	02:00:00 - 02:15:00	8	2	5	3	1	2.4	297	3.6	77	998.2
04/26/2022	02:15:00 - 02:30:00	8	2	5	3	1	2.2	297	3.7	75	998.1
04/26/2022	02:30:00 - 02:45:00	8	2	5	3	1	2.0	294	3.7	76	997.9
04/26/2022	02:45:00 - 03:00:00	8	2	5	3	1	2.2	295	3.7	75	998.1
04/26/2022	03:00:00 - 03:15:00	8	2	5	3	0	2.3	303	3.8	75	998.3
04/26/2022	03:15:00 - 03:30:00	8	2	5	3	0	2.4	290	3.6	76	998.4
04/26/2022	03:30:00 - 03:45:00	8	2	5	2	0	2.8	291	3.5	77	998.4
04/26/2022	03:45:00 - 04:00:00	8	2	5	3	0	2.3	292	3.3	78	998.4
04/26/2022	04:00:00 - 04:15:00	8	2	5	3	0	2.4	285	3.1	79	998.5
04/26/2022	04:15:00 - 04:30:00	8	2	5	3	0	1.9	292	3.0	79	998.6
04/26/2022	04:30:00 - 04:45:00	8	2	5	3	1	2.0	297	2.8	78	998.6
04/26/2022	04:45:00 - 05:00:00	8	2	5	3	0	2.2	304	2.8	77	998.6
04/26/2022	05:00:00 - 05:15:00	7	2	5	2	0	2.5	301	2.7	76	998.7
04/26/2022	05:15:00 - 05:30:00	8	2	5	3	0	1.8	298	2.5	77	998.9
04/26/2022	05:30:00 - 05:45:00	8	2	5	3	0	1.8	292	2.2	80	998.9
04/26/2022	05:45:00 - 06:00:00	8	2	5	3	0	1.9	288	2.1	80	999.1
04/26/2022	06:00:00 - 06:15:00	8	2	6	3	1	2.1	288	2.0	82	999.3
04/26/2022	06:15:00 - 06:30:00	8	2	6	3	1	2.6	294	2.0	79	999.5
04/26/2022	06:30:00 - 06:45:00	8	2	5	2	0	2.1	299	2.3	75	999.6
04/26/2022	06:45:00 - 07:00:00	8	2	5	2	0	2.8	293	2.4	73	999.8
04/26/2022	07:00:00 - 07:15:00	8	2	5	2	0	2.3	290	2.6	72	1000.1
04/26/2022	07:15:00 - 07:30:00	8	2	5	2	0	3.0	310	2.6	71	1000.2
04/26/2022	07:30:00 - 07:45:00	8	1	5	2	0	3.1	297	2.7	71	1000.3
04/26/2022	07:45:00 - 08:00:00	8	1	5	2	0	3.0	298	2.8	71	1000.4
04/26/2022	08:00:00 - 08:15:00	8	1	5	3	1	2.8	289	2.9	71	1000.4
04/26/2022	08:15:00 - 08:30:00	9	1	5	3	1	3.4	291	2.9	71	1000.5
04/26/2022	08:30:00 - 08:45:00	9	1	5	3	1	3.4	329	3.1	69	1000.6
04/26/2022	08:45:00 - 09:00:00	9	1	5	4	0	3.2	296	3.2	69	1000.6
04/26/2022	09:00:00 - 09:15:00	9	1	5	3	0	3.3	318	3.5	69	1000.5
04/26/2022	09:15:00 - 09:30:00	9	1	5	3	0	3.6	333	3.6	69	1000.6
04/26/2022	09:30:00 - 09:45:00	10	1	6	3	0	3.8	332	3.8	68	1000.8
04/26/2022	09:45:00 - 10:00:00	9	1	5	3	0	2.9	296	4.2	68	1000.8
04/26/2022	10:00:00 - 10:15:00	10	1	5	3	0	2.7	299	4.5	67	1001.0
04/26/2022	10:15:00 - 10:30:00	10	1	5	3	0	2.9	316	4.5	67	1001.0
04/26/2022	10:30:00 - 10:45:00	10	1	5	3	0	2.4	300	5.0	67	1001.0
04/26/2022	10:45:00 - 11:00:00	10	1	5	3	0	2.8	295	5.4	65	1001.0

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Average Conc. [$\mu\text{g}/\text{m}^3$]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/26/2022	11:00:00 - 11:15:00	10	1	5	3	0	2.8	304	5.7	66	1001.0
04/26/2022	11:15:00 - 11:30:00	10	1	5	3	0	2.8	293	6.0	65	1001.0
04/26/2022	11:30:00 - 11:45:00	10	1	5	3	0	2.6	307	6.4	64	1001.0
04/26/2022	11:45:00 - 12:00:00	10	1	5	3	0	2.4	307	6.9	63	1001.0
04/26/2022	12:00:00 - 12:15:00	10	1	5	3	0	2.7	290	7.3	62	1000.9
04/26/2022	12:15:00 - 12:30:00	10	1	5	3	0	2.5	302	7.7	60	1001.0
04/26/2022	12:30:00 - 12:45:00	10	1	5	3	0	2.6	282	8.1	60	1000.7
04/26/2022	12:45:00 - 13:00:00	10	1	5	3	0	2.9	288	8.4	58	1000.5
04/26/2022	13:00:00 - 13:15:00	11	1	6	4	0	3.0	316	8.4	57	1000.5
04/26/2022	13:15:00 - 13:30:00	11	1	5	3	0	2.8	315	9.0	56	1000.5
04/26/2022	13:30:00 - 13:45:00	12	2	7	3	0	3.2	279	9.3	54	1000.4
04/26/2022	13:45:00 - 14:00:00	12	1	6	3	0	2.9	288	9.9	52	1000.4
04/26/2022	14:00:00 - 14:15:00	10	1	5	3	0	3.0	306	10.0	51	1000.3
04/26/2022	14:15:00 - 14:30:00	11	2	6	3	0	2.9	282	10.9	48	1000.2
04/26/2022	14:30:00 - 14:45:00	13	1	6	3	0	3.3	282	10.9	46	1000.1
04/26/2022	14:45:00 - 15:00:00	11	3	5	3	0	2.6	286	11.5	45	1000.0
04/26/2022	15:00:00 - 15:15:00	12	2	6	4	0	2.4	292	11.8	43	999.8
04/26/2022	15:15:00 - 15:30:00	11	2	5	4	0	2.7	283	11.9	42	999.7
04/26/2022	15:30:00 - 15:45:00	11	1	5	4	0	3.0	293	12.1	41	999.6
04/26/2022	15:45:00 - 16:00:00	11	1	5	3	0	2.6	296	12.0	40	999.5
04/26/2022	16:00:00 - 16:15:00	11	1	5	3	0	3.1	288	12.3	39	999.3
04/26/2022	16:15:00 - 16:30:00	10	1	5	3	0	3.1	306	12.4	37	999.3
04/26/2022	16:30:00 - 16:45:00	10	1	5	3	0	2.9	294	12.6	37	999.3
04/26/2022	16:45:00 - 17:00:00	11	1	5	3	0	2.8	296	12.7	36	999.1
04/26/2022	17:00:00 - 17:15:00	11	1	5	3	0	2.7	289	12.8	35	999.1
04/26/2022	17:15:00 - 17:30:00	11	1	5	3	0	3.1	296	12.6	35	999.1
04/26/2022	17:30:00 - 17:45:00	10	1	5	3	0	2.5	299	12.8	36	999.1
04/26/2022	17:45:00 - 18:00:00	11	1	5	4	0	2.7	284	12.7	36	999.0
04/26/2022	18:00:00 - 18:15:00	11	1	5	4	0	2.8	299	12.7	36	998.9
04/26/2022	18:15:00 - 18:30:00	11	1	5	4	0	3.0	295	12.4	37	998.9
04/26/2022	18:30:00 - 18:45:00	11	1	5	4	1	2.8	288	12.2	37	998.9
04/26/2022	18:45:00 - 19:00:00	11	1	5	4	1	2.2	293	12.1	38	999.0
04/26/2022	19:00:00 - 19:15:00	11	1	5	4	1	2.2	286	11.8	39	999.1
04/26/2022	19:15:00 - 19:30:00	10	1	5	3	1	1.8	280	11.5	40	999.0
04/26/2022	19:30:00 - 19:45:00	10	1	5	4	1	1.4	279	11.1	43	999.0
04/26/2022	19:45:00 - 20:00:00	10	1	5	4	1	1.5	283	10.8	45	999.1
04/26/2022	20:00:00 - 20:15:00	10	1	5	5	1	1.3	281	10.5	46	999.1
04/26/2022	20:15:00 - 20:30:00	10	2	5	5	1	1.4	273	10.3	47	999.1
04/26/2022	20:30:00 - 20:45:00	10	4	5	9	1	1.1	268	10.0	49	999.2
04/26/2022	20:45:00 - 21:00:00	10	4	5	5	2	1.3	269	9.7	50	999.2
04/26/2022	21:00:00 - 21:15:00	10	3	5	6	2	1.1	274	9.5	51	999.2
04/26/2022	21:15:00 - 21:30:00	10	2	5	5	2	1.0	279	9.2	52	999.3
04/26/2022	21:30:00 - 21:45:00	11	2	6	5	3	1.0	272	9.1	53	999.4
04/26/2022	21:45:00 - 22:00:00	10	2	6	4	2	1.2	275	8.9	54	999.5
04/26/2022	22:00:00 - 22:15:00	10	2	6	4	3	1.2	275	8.7	54	999.6
04/26/2022	22:15:00 - 22:30:00	12	2	7	4	5	1.4	273	8.6	55	999.6
04/26/2022	22:30:00 - 22:45:00	12	3	7	6	5	1.3	273	8.4	55	999.6
04/26/2022	22:45:00 - 23:00:00	12	3	7	5	4	1.0	275	8.2	57	999.7
04/26/2022	23:00:00 - 23:15:00	11	3	7	5	4	0.9	279	8.0	57	999.8
04/26/2022	23:15:00 - 23:30:00	12	4	7	5	4	0.7	287	7.5	60	999.9
04/26/2022	23:30:00 - 23:45:00	12	4	7	5	4	0.7	287	7.4	60	999.9
04/26/2022	23:45:00 - 00:00:00	11	4	7	5	4	1.1	270	7.2	61	999.7

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

4/20/2022																				
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7		Reading 8		Reading 9		Reading 10	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	704	0.0	804	0.0	904	0.0	1004	0.0	1104	0.0	1204	0.0	1304	0.0	1404	0.0	1504	0.0	1604	0.0
SAM-2	701	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1201	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
SAM-3	712	0.0	812	0.0	912	0.0	1012	0.0	1112	0.0	1212	0.0	1312	0.0	1412	0.0	1512	0.0	1612	0.0
SAM-4	707	0.0	807	0.0	907	0.0	1007	0.0	1107	0.0	1207	0.0	1307	0.0	1407	0.0	1507	0.0	1607	0.0
IMPL-A	700	0.0	800	0.0	900	0.0	1000	0.0	1100	0.0	1200	0.0	1300	0.0	1400	0.0	1500	0.0	1600	0.0
IMPL-B	701	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1201	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
IMPL-C	702	0.0	802	0.0	902	0.0	1002	0.0	1102	0.0	1202	0.0	1302	0.0	1402	0.0	1502	0.0	1602	0.0
IMPL-D	703	0.0	803	0.0	903	0.0	1003	0.0	1103	0.0	1203	0.0	1303	0.0	1403	0.0	1503	0.0	1603	0.0
IMPL-E	705	0.0	805	0.0	905	0.0	1005	0.0	1105	0.0	1205	0.0	1305	0.0	1405	0.0	1505	0.0	1605	0.0
IMPL-F	706	0.0	806	0.0	906	0.0	1006	0.0	1106	0.0	1206	0.0	1306	0.0	1406	0.0	1506	0.0	1606	0.0
IMPL-G	708	0.0	808	0.0	908	0.0	1008	0.0	1108	0.0	1208	0.0	1308	0.0	1408	0.0	1508	0.0	1608	0.0
IMPL-H	709	0.0	809	0.0	909	0.0	1009	0.0	1109	0.0	1209	0.0	1309	0.0	1409	0.0	1509	0.0	1609	0.0
IMPL-I	710	0.0	810	0.0	910	0.0	1010	0.0	1110	0.0	1210	0.0	1310	0.0	1410	0.0	1510	0.0	1610	0.0
IMPL-J	711	0.0	811	0.0	911	0.0	1011	0.0	1111	0.0	1211	0.0	1311	0.0	1411	0.0	1511	0.0	1611	0.0
IMPL-K	713	0.0	813	0.0	913	0.0	1013	0.0	1113	0.0	1213	0.0	1313	0.0	1413	0.0	1513	0.0	1613	0.0
IMPL-L	714	0.0	814	0.0	914	0.0	1014	0.0	1114	0.0	1214	0.0	1314	0.0	1414	0.0	1514	0.0	1614	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Excavation stopped at 5:00 PM.

4/21/2022																				
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7		Reading 8		Reading 9		Reading 10	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	734	0.0	819	0.0	904	0.0	1004	0.0	1104	0.0	1224	0.0	1304	0.0	1404	0.0	1504	0.0	1604	0.0
SAM-2	731	0.0	816	0.0	901	0.0	1001	0.0	1101	0.0	1221	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
SAM-3	742	0.0	827	0.0	912	0.0	1012	0.0	1112	0.0	1232	0.0	1312	0.0	1412	0.0	1512	0.0	1612	0.0
SAM-4	737	0.0	822	0.0	907	0.0	1007	0.0	1107	0.0	1227	0.0	1307	0.0	1407	0.0	1507	0.0	1607	0.0
IMPL-A	730	0.0	815	0.0	900	0.0	1000	0.0	1100	0.0	1220	0.0	1300	0.0	1400	0.0	1500	0.0	1600	0.0
IMPL-B	731	0.0	816	0.0	901	0.0	1001	0.0	1101	0.0	1221	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
IMPL-C	732	0.0	817	0.0	902	0.0	1002	0.0	1102	0.0	1222	0.0	1302	0.0	1402	0.0	1502	0.0	1602	0.0
IMPL-D	733	0.0	818	0.0	903	0.0	1003	0.0	1103	0.0	1223	0.0	1303	0.0	1403	0.0	1503	0.0	1603	0.0
IMPL-E	735	0.0	820	0.0	905	0.0	1005	0.0	1105	0.0	1225	0.0	1305	0.0	1405	0.0	1505	0.0	1605	0.0
IMPL-F	736	0.0	821	0.0	906	0.0	1006	0.0	1106	0.0	1226	0.0	1306	0.0	1406	0.0	1506	0.0	1606	0.0
IMPL-G	738	0.0	823	0.0	908	0.0	1008	0.0	1108	0.0	1228	0.0	1308	0.0	1408	0.0	1508	0.0	1608	0.0
IMPL-H	739	0.0	824	0.0	909	0.0	1009	0.0	1109	0.0	1229	0.0	1309	0.0	1409	0.0	1509	0.0	1609	0.0
IMPL-I	740	0.0	825	0.0	910	0.0	1010	0.0	1110	0.0	1230	0.0	1310	0.0	1410	0.0	1510	0.0	1610	0.0
IMPL-J	741	0.0	826	0.0	911	0.0	1011	0.0	1111	0.0	1231	0.0	1311	0.0	1411	0.0	1511	0.0	1611	0.0
IMPL-K	743	0.0	828	0.0	913	0.0	1013	0.0	1113	0.0	1233	0.0	1313	0.0	1413	0.0	1513	0.0	1613	0.0
IMPL-L	744	0.0	829	0.0	914	0.0	1014	0.0	1114	0.0	1234	0.0	1314	0.0	1414	0.0	1514	0.0	1614	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Excavation stopped at 5:00 pm

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

4/22/2022																				
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7		Reading 8		Reading 9		Reading 10	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	734	0.0	804	0.0	904	0.0	1004	0.0	1104	0.0	1224	0.0	1304	0.0	1404	0.0	1504	0.0	1604	0.0
SAM-2	731	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1221	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
SAM-3	742	0.0	812	0.0	912	0.0	1012	0.0	1112	0.0	1232	0.0	1312	0.0	1412	0.0	1512	0.0	1612	0.0
SAM-4	737	0.0	807	0.0	907	0.0	1007	0.0	1107	0.0	1227	0.0	1307	0.0	1407	0.0	1507	0.0	1607	0.0
IMPL-A	730	0.0	800	0.0	900	0.0	1000	0.0	1100	0.0	1220	0.0	1300	0.0	1400	0.0	1500	0.0	1600	0.0
IMPL-B	731	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1221	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
IMPL-C	732	0.0	802	0.0	902	0.0	1002	0.0	1102	0.0	1222	0.0	1302	0.0	1402	0.0	1502	0.0	1602	0.0
IMPL-D	733	0.0	803	0.0	903	0.0	1003	0.0	1103	0.0	1223	0.0	1303	0.0	1403	0.0	1503	0.0	1603	0.0
IMPL-E	735	0.0	805	0.0	905	0.0	1005	0.0	1105	0.0	1225	0.0	1305	0.0	1405	0.0	1505	0.0	1605	0.0
IMPL-F	736	0.0	806	0.0	906	0.0	1006	0.0	1106	0.0	1226	0.0	1306	0.0	1406	0.0	1506	0.0	1606	0.0
IMPL-G	738	0.0	808	0.0	908	0.0	1008	0.0	1108	0.0	1228	0.0	1308	0.0	1408	0.0	1508	0.0	1608	0.0
IMPL-H	739	0.0	809	0.0	909	0.0	1009	0.0	1109	0.0	1229	0.0	1309	0.0	1409	0.0	1509	0.0	1609	0.0
IMPL-I	740	0.0	810	0.0	910	0.0	1010	0.0	1110	0.0	1230	0.0	1310	0.0	1410	0.0	1510	0.0	1610	0.0
IMPL-J	741	0.0	811	0.0	911	0.0	1011	0.0	1111	0.0	1231	0.0	1311	0.0	1411	0.0	1511	0.0	1611	0.0
IMPL-K	743	0.0	813	0.0	913	0.0	1013	0.0	1113	0.0	1233	0.0	1313	0.0	1413	0.0	1513	0.0	1613	0.0
IMPL-L	744	0.0	814	0.0	914	0.0	1014	0.0	1114	0.0	1234	0.0	1314	0.0	1414	0.0	1514	0.0	1614	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Excavation stopped at 5:00 pm

4/25/2022																				
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7		Reading 8		Reading 9		Reading 10	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	734	0.0	804	0.0	904	0.0	1004	0.0	1104	0.0	1224	0.0	1304	0.0	1404	0.0	1504	0.0	1604	0.0
SAM-2	731	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1221	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
SAM-3	742	0.0	812	0.0	912	0.0	1012	0.0	1112	0.0	1232	0.0	1312	0.0	1412	0.0	1512	0.0	1612	0.0
SAM-4	737	0.0	807	0.0	907	0.0	1007	0.0	1107	0.0	1227	0.0	1307	0.0	1407	0.0	1507	0.0	1607	0.0
IMPL-A	730	0.0	800	0.0	900	0.0	1000	0.0	1100	0.0	1220	0.0	1300	0.0	1400	0.0	1500	0.0	1600	0.0
IMPL-B	731	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1221	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
IMPL-C	732	0.0	802	0.0	902	0.0	1002	0.0	1102	0.0	1222	0.0	1302	0.0	1402	0.0	1502	0.0	1602	0.0
IMPL-D	733	0.0	803	0.0	903	0.0	1003	0.0	1103	0.0	1223	0.0	1303	0.0	1403	0.0	1503	0.0	1603	0.0
IMPL-E	735	0.0	805	0.0	905	0.0	1005	0.0	1105	0.0	1225	0.0	1305	0.0	1405	0.0	1505	0.0	1605	0.0
IMPL-F	736	0.0	806	0.0	906	0.0	1006	0.0	1106	0.0	1226	0.0	1306	0.0	1406	0.0	1506	0.0	1606	0.0
IMPL-G	738	0.0	808	0.0	908	0.0	1008	0.0	1108	0.0	1228	0.0	1308	0.0	1408	0.0	1508	0.0	1608	0.0
IMPL-H	739	0.0	809	0.0	909	0.0	1009	0.0	1109	0.0	1229	0.0	1309	0.0	1409	0.0	1509	0.0	1609	0.0
IMPL-I	740	0.0	810	0.0	910	0.0	1010	0.0	1110	0.0	1230	0.0	1310	0.0	1410	0.0	1510	0.0	1610	0.0
IMPL-J	741	0.0	811	0.0	911	0.0	1011	0.0	1111	0.0	1231	0.0	1311	0.0	1411	0.0	1511	0.0	1611	0.0
IMPL-K	743	0.0	813	0.0	913	0.0	1013	0.0	1113	0.0	1233	0.0	1313	0.0	1413	0.0	1513	0.0	1613	0.0
IMPL-L	744	0.0	814	0.0	914	0.0	1014	0.0	1114	0.0	1234	0.0	1314	0.0	1414	0.0	1514	0.0	1614	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Excavation stopped at 5:00 pm

Data are raw values and have not undergone full QA/QC validation.

Appendix A: Complete Preliminary Data Record

4/26/2022																				
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7		Reading 8		Reading 9		Reading 10	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	734	0.0	804	0.0	934	0.0	1004	0.0	1104	0.0	1224	0.0	1304	0.0	1404	0.0	1504	0.0	NA	NA
SAM-2	731	0.0	801	0.0	931	0.0	1001	0.0	1101	0.0	1221	0.0	1301	0.0	1401	0.0	1501	0.0	NA	NA
SAM-3	742	0.0	812	0.0	942	0.0	1012	0.0	1112	0.0	1232	0.0	1312	0.0	1412	0.0	1512	0.0	NA	NA
SAM-4	737	0.0	807	0.0	937	0.0	1007	0.0	1107	0.0	1227	0.0	1307	0.0	1407	0.0	1507	0.0	NA	NA
IMPL-A	730	0.0	800	0.0	930	0.0	1000	0.0	1100	0.0	1220	0.0	1300	0.0	1400	0.0	1500	0.0	NA	NA
IMPL-B	731	0.0	801	0.0	931	0.0	1001	0.0	1101	0.0	1221	0.0	1301	0.0	1401	0.0	1501	0.0	NA	NA
IMPL-C	732	0.0	802	0.0	932	0.0	1002	0.0	1102	0.0	1222	0.0	1302	0.0	1402	0.0	1502	0.0	NA	NA
IMPL-D	733	0.0	803	0.0	933	0.0	1003	0.0	1103	0.0	1223	0.0	1303	0.0	1403	0.0	1503	0.0	NA	NA
IMPL-E	735	0.0	805	0.0	935	0.0	1005	0.0	1105	0.0	1225	0.0	1305	0.0	1405	0.0	1505	0.0	NA	NA
IMPL-F	736	0.0	806	0.0	936	0.0	1006	0.0	1106	0.0	1226	0.0	1306	0.0	1406	0.0	1506	0.0	NA	NA
IMPL-G	738	0.0	808	0.0	938	0.0	1008	0.0	1108	0.0	1228	0.0	1308	0.0	1408	0.0	1508	0.0	NA	NA
IMPL-H	739	0.0	809	0.0	939	0.0	1009	0.0	1109	0.0	1229	0.0	1309	0.0	1409	0.0	1509	0.0	NA	NA
IMPL-I	740	0.0	810	0.0	940	0.0	1010	0.0	1110	0.0	1230	0.0	1310	0.0	1410	0.0	1510	0.0	NA	NA
IMPL-J	741	0.0	811	0.0	941	0.0	1011	0.0	1111	0.0	1231	0.0	1311	0.0	1411	0.0	1511	0.0	NA	NA
IMPL-K	743	0.0	813	0.0	943	0.0	1013	0.0	1113	0.0	1233	0.0	1313	0.0	1413	0.0	1513	0.0	NA	NA
IMPL-L	744	0.0	814	0.0	944	0.0	1014	0.0	1114	0.0	1234	0.0	1314	0.0	1414	0.0	1514	0.0	NA	NA

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Excavation stopped at 3:30 pm

Data are raw values and have not undergone full QA/QC validation.

APPENDIX B COMPLETE PRELIMINARY LAB RESULT DATA



Appendix B: Complete Preliminary Lab Result Data

Method	Sample			Units	Results	Data Flags	Compound Name
	ID	Start Date/Time	End Date/Time				
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Naphthalene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	2-Methylnaphthalene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	2-Chloronaphthalene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Acenaphthylene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Acenaphthene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Fluorene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Phenanthrene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Anthracene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Fluoranthene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Pyrene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Chrysene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Benzo(a)anthracene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Benzo(b)fluoranthene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Benzo(k)fluoranthene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Benzo(a)pyrene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	%R	74		Fluorene-d10
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	%R	109		Pyrene-d10
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	%R	112		Benzo(a)pyrene-d12
TO-13A	20220411-13-SE-SAM1	04/11/2022 10:51	04/13/2022 08:25	%R	108		Fluoranthene-d10
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Naphthalene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	2-Methylnaphthalene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	2-Chloronaphthalene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Acenaphthylene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Acenaphthene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Fluorene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Phenanthrene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Anthracene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Fluoranthene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Pyrene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Chrysene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Benzo(a)anthracene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Benzo(b)fluoranthene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Benzo(k)fluoranthene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Benzo(a)pyrene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	%R	84		Fluorene-d10
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	%R	96		Pyrene-d10
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	%R	108		Benzo(a)pyrene-d12
TO-13A	20220411-13-NE-SAM2	04/11/2022 11:14	04/13/2022 08:46	%R	86		Fluoranthene-d10
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Naphthalene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	2-Methylnaphthalene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	2-Chloronaphthalene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Acenaphthylene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Acenaphthene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Fluorene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Phenanthrene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Anthracene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Fluoranthene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Pyrene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Chrysene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Benzo(a)anthracene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Benzo(b)fluoranthene

Appendix B: Complete Preliminary Lab Result Data

Method	Sample			Units	Results	Data Flags	Compound Name
	ID	Start Date/Time	End Date/Time				
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Benzo(k)fluoranthene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Benzo(a)pyrene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	%R	83		Fluorene-d10
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	%R	99		Pyrene-d10
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	%R	108		Benzo(a)pyrene-d12
TO-13A	20220411-13-SE-SAM3	04/11/2022 10:38	04/13/2022 08:18	%R	81		Fluoranthene-d10
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Naphthalene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	2-Methylnaphthalene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	2-Chloronaphthalene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Acenaphthylene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Acenaphthene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Fluorene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Phenanthrene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Anthracene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Fluoranthene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Pyrene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Chrysene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Benzo(a)anthracene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Benzo(b)fluoranthene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Benzo(k)fluoranthene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Benzo(a)pyrene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	%R	78		Fluorene-d10
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	%R	102		Pyrene-d10
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	%R	98		Benzo(a)pyrene-d12
TO-13A	20220411-13-NW-SAM4	04/11/2022 11:07	04/13/2022 08:41	%R	73		Fluoranthene-d10
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Naphthalene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	2-Methylnaphthalene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	2-Chloronaphthalene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Acenaphthylene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Acenaphthene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Fluorene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Phenanthrene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Anthracene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Fluoranthene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Pyrene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Chrysene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Benzo(a)anthracene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Benzo(b)fluoranthene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Benzo(k)fluoranthene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Benzo(a)pyrene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	%R	75		Fluorene-d10
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	%R	74		Pyrene-d10
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	%R	96		Benzo(a)pyrene-d12
TO-13A	20220411-13-SW-SAM5	04/11/2022 11:01	04/13/2022 08:43	%R	74		Fluoranthene-d10

Appendix B: Complete Preliminary Lab Result Data

ND - Non Detect

E - Exceeds instrument calibration range

Q - Exceeds quality control limits

S - Saturated peak

J - Estimated value

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed)

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition

N - The identification is based on presumptive evidence.

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