

Ameren Champaign MGP - Fifth Street

Weekly Air Monitoring Report

14 March 2022

Project No.: 0529307

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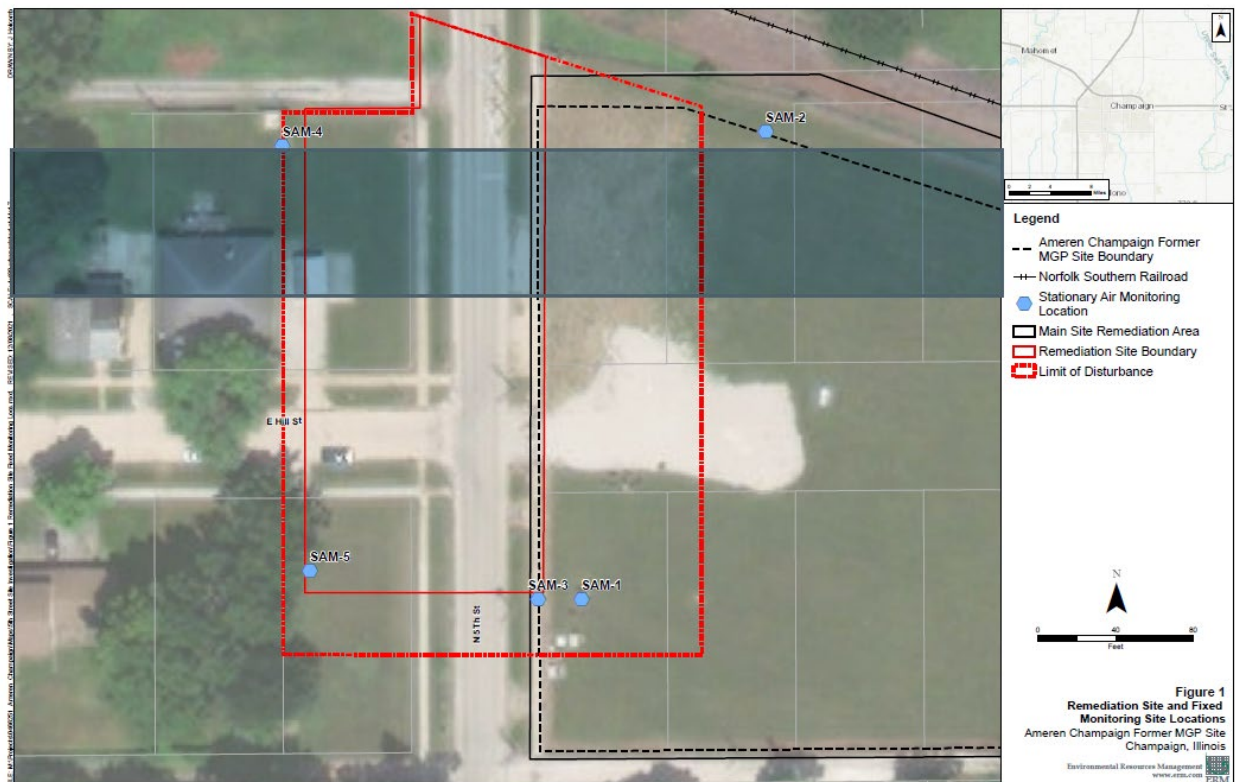
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1. INTRODUCTION

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 March 2, 2022 through March 8, 2022. The laboratory results that are presented were collected from February 9 through February 25, 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 initial remediation operational phase. No parameters exceeded their corresponding designated action levels over the reporting period. This indicates that there was no significant adverse impact on local air quality. Since there were no exceedances of the action or maximum acceptable exposure levels, there was no need to curtail remediation activities or enhance

emission control measures. Table 1 presents a summary of the air quality monitoring results for the reporting period.

Table 1 Reporting Period Air Monitoring Summary

CONSTITUENTS OF CONCERN, SAMPLING PERIOD, UNITS	MONITORING PERIOD	NUMBER OF ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL EXCEEDANCES	MAXIMUM MEASURED CONCENTRATION	ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL
Inhalable Particulate Matter (15-min average, µg/m ³)	3/2/2022 – 3/8/2022	0	100	360
VOC (1-minute average, µg/m ³)	3/2/2022 – 3/8/2022	0	0.3	156.7
Benzene, Real-time GC (1-minute average µg/m ³)	3/2/2022 – 3/8/2022	0	NM	156.7
Styrene, Method 325B (14 day sample period, µg/m ³)	2/9/2022 – 2/23/2022	0	ND	205,000
Benzene, Method 325B (14 day sample period, µg/m ³)	2/9/2022 – 2/23/2022	0	0.79	16.5
Toluene, Method 325B (14 day sample period, µg/m ³)	2/9/2022 – 2/23/2022	0	0.67	23,400
Xylenes (total), Method 325B (14 day sample period, µg/m ³)	2/9/2022 – 2/23/2022	0	ND	41,000
Ethylbenzene, Method 325B (14 day sample period, µg/m ³)	2/9/2022 – 2/23/2022	0	ND	59,400
2-methylnaphthalene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	1.2	820
Acenaphthene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	12,300
Acenaphthylene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	615
Anthracene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	615
Benzo(a)anthracene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	1.54
Benzo(a)pyrene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	0.154
Benzo(k)fluoranthene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	15.4
Benzo(b)fluoranthene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	15.4
Chrysene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	154

CONSTITUENTS OF CONCERN, SAMPLING PERIOD, UNITS	MONITORING PERIOD	NUMBER OF ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL EXCEEDANCES	MAXIMUM MEASURED CONCENTRATION	ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL
Dibenzo(a,h)anthracene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	0.154
Fluoranthene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	8,200
Fluorene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	8,200
Indeno(1,2,3-cd)pyrene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	1.54
Napthalene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	8.9	176
Phenanthrene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	6,150
Pyrene, Method TO-13A (3 day sample period, µg/m ³)	2/21/2022 – 2/25/2022	0	ND	6,150

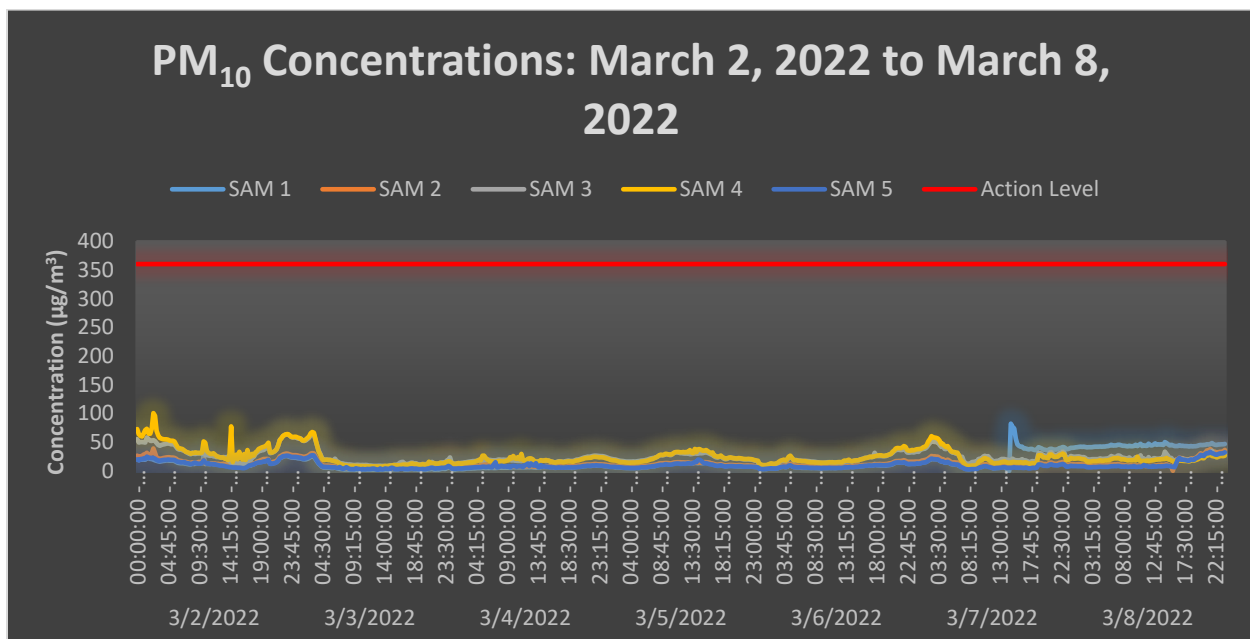
Data presented have yet to be fully quality-assured; final values may vary of these preliminary results once all quality control measures have been applied.

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 Appendix A. PM₁₀ 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	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]
03/02/2022	00:00:00 - 00:15:00	20	26	55	73	20	1.5	77	3.6	88	992.3
03/02/2022	00:15:00 - 00:30:00	18	24	49	64	19	1.0	81	3.3	88	992.3
03/02/2022	00:30:00 - 00:45:00	19	25	50	61	21	0.9	82	2.9	89	992.4
03/02/2022	00:45:00 - 01:00:00	19	25	50	60	20	0.7	83	2.5	91	992.4
03/02/2022	01:00:00 - 01:15:00	20	28	50	65	22	0.7	122	2.2	92	992.3
03/02/2022	01:15:00 - 01:30:00	19	29	49	71	21	0.9	98	2.1	92	992.1
03/02/2022	01:30:00 - 01:45:00	23	31	58	73	25	0.6	77	2.1	93	992.3
03/02/2022	01:45:00 - 02:00:00	22	28	55	65	23	0.3	114	1.7	93	992.4
03/02/2022	02:00:00 - 02:15:00	21	28	52	65	22	0.6	97	1.3	94	992.3
03/02/2022	02:15:00 - 02:30:00	20	30	52	74	22	1.5	82	1.7	94	992.1
03/02/2022	02:30:00 - 02:45:00	19	39	53	100	23	1.5	92	2.4	91	992.0
03/02/2022	02:45:00 - 03:00:00	18	31	52	96	21	1.3	78	2.6	89	992.1
03/02/2022	03:00:00 - 03:15:00	17	23	48	70	19	2.1	94	2.5	88	992.1
03/02/2022	03:15:00 - 03:30:00	17	22	45	62	18	1.9	95	2.7	87	991.9
03/02/2022	03:30:00 - 03:45:00	16	21	44	57	18	1.4	102	2.7	86	991.9
03/02/2022	03:45:00 - 04:00:00	17	21	45	56	18	1.5	112	3.0	86	991.8
03/02/2022	04:00:00 - 04:15:00	17	22	46	55	19	1.1	116	2.9	86	991.9
03/02/2022	04:15:00 - 04:30:00	17	23	46	55	19	1.3	122	2.9	86	991.9
03/02/2022	04:30:00 - 04:45:00	18	23	47	55	19	1.3	128	2.9	86	992.0
03/02/2022	04:45:00 - 05:00:00	18	23	48	54	20	1.4	124	2.9	86	991.9
03/02/2022	05:00:00 - 05:15:00	18	24	47	53	19	1.4	119	3.0	86	992.0
03/02/2022	05:15:00 - 05:30:00	18	23	46	52	19	1.1	123	2.9	86	992.2
03/02/2022	05:30:00 - 05:45:00	18	23	46	52	19	1.2	130	2.9	86	992.3
03/02/2022	05:45:00 - 06:00:00	17	23	45	51	19	1.6	126	3.1	85	992.2
03/02/2022	06:00:00 - 06:15:00	16	21	42	46	17	1.5	112	3.3	83	992.3
03/02/2022	06:15:00 - 06:30:00	14	19	38	41	16	1.5	115	3.5	81	992.2
03/02/2022	06:30:00 - 06:45:00	14	18	37	38	15	1.6	121	3.6	80	992.1
03/02/2022	06:45:00 - 07:00:00	13	17	37	39	15	1.2	111	3.7	79	992.4
03/02/2022	07:00:00 - 07:15:00	13	17	36	38	15	1.3	127	4.0	78	992.4
03/02/2022	07:15:00 - 07:30:00	13	16	35	36	15	1.1	126	4.4	77	992.4
03/02/2022	07:30:00 - 07:45:00	12	16	33	33	14	1.1	126	5.5	74	992.7
03/02/2022	07:45:00 - 08:00:00	12	15	31	32	13	1.5	132	6.3	71	992.5
03/02/2022	08:00:00 - 08:15:00	11	14	30	31	13	1.3	131	7.3	69	992.5
03/02/2022	08:15:00 - 08:30:00	11	14	29	30	12	1.1	133	7.9	67	992.6
03/02/2022	08:30:00 - 08:45:00	13	15	32	31	12	0.9	162	8.6	66	992.6
03/02/2022	08:45:00 - 09:00:00	12	14	30	31	14	1.1	136	8.4	66	992.5
03/02/2022	09:00:00 - 09:15:00	12	14	29	32	14	0.9	176	8.8	67	992.6
03/02/2022	09:15:00 - 09:30:00	12	14	30	31	12	1.4	186	8.5	69	992.4
03/02/2022	09:30:00 - 09:45:00	13	15	30	31	12	1.4	196	8.7	71	992.5
03/02/2022	09:45:00 - 10:00:00	13	15	31	31	12	1.4	195	9.4	71	992.4
03/02/2022	10:00:00 - 10:15:00	13	14	30	32	14	0.8	164	11.0	68	992.3
03/02/2022	10:15:00 - 10:30:00	25	19	43	51	18	1.1	186	11.3	68	992.1
03/02/2022	10:30:00 - 10:45:00	12	13	27	49	15	1.1	167	12.2	66	991.8
03/02/2022	10:45:00 - 11:00:00	12	14	28	34	12	1.1	163	12.1	68	991.6
03/02/2022	11:00:00 - 11:15:00	12	13	27	31	13	1.0	193	13.0	67	991.4
03/02/2022	11:15:00 - 11:30:00	12	13	26	29	11	1.3	194	13.9	62	991.2
03/02/2022	11:30:00 - 11:45:00	13	12	27	29	12	1.2	184	14.2	63	990.9
03/02/2022	11:45:00 - 12:00:00	12	12	25	31	11	1.2	187	14.2	63	990.6
03/02/2022	12:00:00 - 12:15:00	12	13	25	28	11	1.0	182	14.4	64	990.3
03/02/2022	12:15:00 - 12:30:00	11	12	24	26	11	1.2	195	14.8	62	990.2
03/02/2022	12:30:00 - 12:45:00	12	12	24	24	10	1.5	207	15.4	60	989.9
03/02/2022	12:45:00 - 13:00:00	11	12	23	24	9	1.6	209	16.2	58	989.6
03/02/2022	13:00:00 - 13:15:00	11	12	23	23	9	1.5	206	16.8	58	989.3
03/02/2022	13:15:00 - 13:30:00	12	12	24	23	9	1.4	212	17.4	57	989.1
03/02/2022	13:30:00 - 13:45:00	11	12	24	21	8	1.5	231	18.4	54	988.9
03/02/2022	13:45:00 - 14:00:00	12	11	24	20	8	1.9	227	18.2	55	988.8
03/02/2022	14:00:00 - 14:15:00	12	9	24	18	7	1.2	244	18.2	56	988.5
03/02/2022	14:15:00 - 14:30:00	8	9	16	29	6	1.0	224	18.2	57	988.4
03/02/2022	14:30:00 - 14:45:00	7	9	14	77	6	1.1	212	18.2	57	988.4
03/02/2022	14:45:00 - 15:00:00	7	7	13	15	6	1.5	212	18.5	57	988.3
03/02/2022	15:00:00 - 15:15:00	7	7	14	25	6	1.4	206	18.4	56	988.2
03/02/2022	15:15:00 - 15:30:00	7	8	14	28	6	1.0	231	18.1	58	988.2

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	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]
03/02/2022	15:30:00 - 15:45:00	7	8	13	20	6	1.5	215	17.9	60	987.8
03/02/2022	15:45:00 - 16:00:00	6	7	13	33	5	0.9	223	17.9	60	987.8
03/02/2022	16:00:00 - 16:15:00	6	7	13	24	5	0.6	259	17.6	61	988.0
03/02/2022	16:15:00 - 16:30:00	5	6	11	19	5	0.6	247	17.4	63	988.0
03/02/2022	16:30:00 - 16:45:00	5	8	12	29	5	0.7	279	17.4	64	987.9
03/02/2022	16:45:00 - 17:00:00	7	11	15	19	5	0.7	285	17.0	67	987.8
03/02/2022	17:00:00 - 17:15:00	8	12	16	36	7	0.5	274	16.7	68	987.9
03/02/2022	17:15:00 - 17:30:00	10	10	20	24	9	0.7	339	16.2	70	988.1
03/02/2022	17:30:00 - 17:45:00	9	11	19	25	10	0.3	325	15.6	72	988.1
03/02/2022	17:45:00 - 18:00:00	11	13	23	29	11	0.3	16	15.0	74	988.0
03/02/2022	18:00:00 - 18:15:00	11	12	24	27	11	0.6	322	14.3	75	988.2
03/02/2022	18:15:00 - 18:30:00	13	13	30	32	13	0.3	324	14.0	76	988.3
03/02/2022	18:30:00 - 18:45:00	14	16	32	34	14	0.4	293	13.6	77	988.5
03/02/2022	18:45:00 - 19:00:00	15	17	34	38	15	0.2	287	13.1	79	988.7
03/02/2022	19:00:00 - 19:15:00	15	18	35	40	15	0.3	308	13.0	79	988.8
03/02/2022	19:15:00 - 19:30:00	16	19	36	41	15	0.3	259	12.5	81	988.8
03/02/2022	19:30:00 - 19:45:00	16	20	36	42	16	0.4	273	12.4	81	988.9
03/02/2022	19:45:00 - 20:00:00	17	21	38	43	16	0.5	331	12.1	82	989.0
03/02/2022	20:00:00 - 20:15:00	18	21	42	45	18	0.1	341	11.4	84	989.0
03/02/2022	20:15:00 - 20:30:00	18	20	42	49	19	0.9	349	11.1	85	989.4
03/02/2022	20:30:00 - 20:45:00	12	14	31	32	12	1.1	358	11.6	82	989.8
03/02/2022	20:45:00 - 21:00:00	13	14	31	32	12	0.8	2	10.9	83	989.9
03/02/2022	21:00:00 - 21:15:00	13	16	33	33	13	0.8	7	10.2	84	990.1
03/02/2022	21:15:00 - 21:30:00	14	16	34	35	13	1.0	358	9.7	85	990.3
03/02/2022	21:30:00 - 21:45:00	15	18	38	37	15	1.2	1	9.2	85	990.6
03/02/2022	21:45:00 - 22:00:00	18	20	44	44	18	2.0	28	8.9	82	990.9
03/02/2022	22:00:00 - 22:15:00	22	25	54	53	22	2.3	37	7.8	79	991.2
03/02/2022	22:15:00 - 22:30:00	23	26	57	57	24	1.6	34	6.9	82	991.4
03/02/2022	22:30:00 - 22:45:00	25	28	61	61	25	2.0	41	6.3	82	991.5
03/02/2022	22:45:00 - 23:00:00	25	29	63	63	26	1.9	41	5.8	84	991.8
03/02/2022	23:00:00 - 23:15:00	26	30	64	64	26	2.1	38	5.4	84	992.2
03/02/2022	23:15:00 - 23:30:00	25	30	63	64	26	2.0	40	4.9	84	992.0
03/02/2022	23:30:00 - 23:45:00	24	29	61	62	25	1.9	42	4.6	85	992.1
03/03/2022	23:45:00 - 00:00:00	23	28	59	59	24	2.0	42	4.3	85	992.5
03/03/2022	00:00:00 - 00:15:00	23	27	58	59	24	2.2	42	3.9	86	992.9
03/03/2022	00:15:00 - 00:30:00	23	27	58	59	24	1.8	45	3.6	87	993.1
03/03/2022	00:30:00 - 00:45:00	23	27	58	59	24	1.9	47	3.3	88	993.4
03/03/2022	00:45:00 - 01:00:00	22	27	56	58	23	2.1	46	3.1	89	993.8
03/03/2022	01:00:00 - 01:15:00	22	26	56	57	23	2.4	46	2.9	89	993.8
03/03/2022	01:15:00 - 01:30:00	22	26	56	55	23	1.9	53	2.7	89	993.6
03/03/2022	01:30:00 - 01:45:00	20	25	53	53	21	2.3	49	2.5	89	993.8
03/03/2022	01:45:00 - 02:00:00	20	24	52	53	21	2.0	52	2.4	88	994.0
03/03/2022	02:00:00 - 02:15:00	20	25	53	54	22	1.8	49	2.4	88	994.3
03/03/2022	02:15:00 - 02:30:00	21	26	55	57	23	1.5	47	2.1	89	994.5
03/03/2022	02:30:00 - 02:45:00	22	27	58	60	24	1.9	41	1.8	89	994.6
03/03/2022	02:45:00 - 03:00:00	24	30	63	65	26	1.9	45	1.6	90	994.8
03/03/2022	03:00:00 - 03:15:00	25	31	64	68	27	2.0	36	1.5	90	995.0
03/03/2022	03:15:00 - 03:30:00	24	30	63	66	27	2.3	46	1.2	90	994.9
03/03/2022	03:30:00 - 03:45:00	20	26	54	55	22	2.2	56	1.0	90	995.2
03/03/2022	03:45:00 - 04:00:00	16	21	44	44	18	2.0	45	0.7	89	996
03/03/2022	04:00:00 - 04:15:00	13	16	35	34	13	2.8	51	0.4	87	996
03/03/2022	04:15:00 - 04:30:00	10	13	30	28	11	2.3	55	0.2	86	996
03/03/2022	04:30:00 - 04:45:00	7	10	22	21	8	2.9	49	0.1	83	996
03/03/2022	04:45:00 - 05:00:00	6	9	20	18	7	2.0	53	0.0	83	997
03/03/2022	05:00:00 - 05:15:00	6	9	19	19	7	2.2	43	-0.1	84	997
03/03/2022	05:15:00 - 05:30:00	5	9	19	19	7	2.2	43	-0.1	84	998
03/03/2022	05:30:00 - 05:45:00	5	9	19	19	7	1.8	39	-0.1	85	998
03/03/2022	05:45:00 - 06:00:00	5	9	19	19	6	2.0	50	-0.1	85	998
03/03/2022	06:00:00 - 06:15:00	5	8	19	18	6	1.9	50	-0.1	85	998
03/03/2022	06:15:00 - 06:30:00	5	8	18	17	6	2.4	44	-0.1	85	998
03/03/2022	06:30:00 - 06:45:00	6	8	21	16	6	2.0	41	0.0	84	999
03/03/2022	06:45:00 - 07:00:00	5	7	17	16	5	1.9	46	0.1	84	999

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	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]
03/03/2022	07:00:00 - 07:15:00	4	7	15	15	5	1.7	34	0.1	85	999
03/03/2022	07:15:00 - 07:30:00	3	6	14	12	7	2.0	42	0.1	85	999
03/03/2022	07:30:00 - 07:45:00	3	6	13	11	4	2.1	43	0.2	84	999
03/03/2022	07:45:00 - 08:00:00	3	5	13	10	3	1.8	37	0.3	84	1000
03/03/2022	08:00:00 - 08:15:00	2	5	12	10	4	1.9	35	0.4	82	1000
03/03/2022	08:15:00 - 08:30:00	2	5	12	9	6	1.8	39	0.3	80	1001
03/03/2022	08:30:00 - 08:45:00	2	5	11	9	5	2.2	42	0.2	79	1001
03/03/2022	08:45:00 - 09:00:00	2	5	11	9	3	2.4	44	0.3	77	1001
03/03/2022	09:00:00 - 09:15:00	2	4	11	9	3	2.3	45	0.7	76	1000.9
03/03/2022	09:15:00 - 09:30:00	2	4	10	9	3	2.4	51	0.2	76	1001.4
03/03/2022	09:30:00 - 09:45:00	2	4	10	8	3	2.1	42	0.5	76	1001.6
03/03/2022	09:45:00 - 10:00:00	2	4	10	9	4	1.7	36	0.5	75	1002.0
03/03/2022	10:00:00 - 10:15:00	2	4	11	9	4	2.0	41	0.4	74	1002.0
03/03/2022	10:15:00 - 10:30:00	2	4	10	8	3	1.2	50	0.7	74	1002.1
03/03/2022	10:30:00 - 10:45:00	2	4	10	8	2	2.4	56	0.6	73	1001.8
03/03/2022	10:45:00 - 11:00:00	2	4	10	8	3	2.3	48	0.6	73	1001.8
03/03/2022	11:00:00 - 11:15:00	2	4	10	8	3	2.7	55	1.1	72	1002.1
03/03/2022	11:15:00 - 11:30:00	2	4	10	8	3	2.6	54	1.8	70	1002.3
03/03/2022	11:30:00 - 11:45:00	2	4	10	8	3	2.6	55	2.0	67	1002.3
03/03/2022	11:45:00 - 12:00:00	2	4	9	8	3	2.3	46	2.5	65	1002.8
03/03/2022	12:00:00 - 12:15:00	2	4	9	8	3	2.5	42	2.5	63	1002.8
03/03/2022	12:15:00 - 12:30:00	2	4	9	8	4	2.6	56	2.0	61	1002.3
03/03/2022	12:30:00 - 12:45:00	2	4	9	8	4	2.8	54	1.6	60	1002.1
03/03/2022	12:45:00 - 13:00:00	2	4	8	8	3	2.7	54	1.9	58	1002.2
03/03/2022	13:00:00 - 13:15:00	2	4	9	8	2	2.4	48	2.0	58	1002.1
03/03/2022	13:15:00 - 13:30:00	2	4	9	7	2	2.5	53	2.8	56	1001.8
03/03/2022	13:30:00 - 13:45:00	2	4	9	7	4	2.1	43	3.5	55	1001.5
03/03/2022	13:45:00 - 14:00:00	2	4	9	7	2	2.4	49	3.4	55	1001.6
03/03/2022	14:00:00 - 14:15:00	2	4	8	8	3	2.4	52	3.7	54	1001.7
03/03/2022	14:15:00 - 14:30:00	2	4	8	8	4	2.8	59	3.5	54	1001.6
03/03/2022	14:30:00 - 14:45:00	2	4	8	8	4	2.8	43	3.6	53	1001.6
03/03/2022	14:45:00 - 15:00:00	2	4	9	8	3	3.0	46	3.3	53	1001.6
03/03/2022	15:00:00 - 15:15:00	2	4	9	9	3	2.9	52	3.0	54	1001.7
03/03/2022	15:15:00 - 15:30:00	2	4	9	9	5	2.8	56	3.1	55	1001.6
03/03/2022	15:30:00 - 15:45:00	3	4	10	10	5	2.7	60	2.7	55	1001.5
03/03/2022	15:45:00 - 16:00:00	3	5	10	10	3	2.6	52	2.4	57	1001.7
03/03/2022	16:00:00 - 16:15:00	3	5	11	10	3	2.6	54	2.1	58	1001.8
03/03/2022	16:15:00 - 16:30:00	3	5	11	10	3	2.8	56	1.8	60	1001.7
03/03/2022	16:30:00 - 16:45:00	4	5	14	10	4	2.5	45	1.6	61	1001.9
03/03/2022	16:45:00 - 17:00:00	4	5	15	10	3	2.2	45	1.4	63	1002.0
03/03/2022	17:00:00 - 17:15:00	4	5	16	11	4	1.9	52	1.3	64	1002.0
03/03/2022	17:15:00 - 17:30:00	2	5	12	11	3	2.4	54	1.1	64	1002.1
03/03/2022	17:30:00 - 17:45:00	2	5	12	11	3	1.8	54	0.8	65	1002.1
03/03/2022	17:45:00 - 18:00:00	2	5	12	10	3	1.6	54	0.6	66	1002.1
03/03/2022	18:00:00 - 18:15:00	3	5	13	11	4	1.6	56	0.5	67	1002.4
03/03/2022	18:15:00 - 18:30:00	3	6	14	13	4	1.8	51	0.4	68	1002.4
03/03/2022	18:30:00 - 18:45:00	3	6	14	13	4	1.9	56	0.4	68	1002.4
03/03/2022	18:45:00 - 19:00:00	2	5	13	11	3	2.1	55	0.3	69	1002.7
03/03/2022	19:00:00 - 19:15:00	3	6	13	12	4	2.0	52	0.2	69	1002.8
03/03/2022	19:15:00 - 19:30:00	2	5	12	11	3	1.7	61	0.0	69	1002.8
03/03/2022	19:30:00 - 19:45:00	2	5	11	10	3	1.7	56	0.0	70	1002.9
03/03/2022	19:45:00 - 20:00:00	2	5	11	10	3	1.5	64	-0.2	71	1002.8
03/03/2022	20:00:00 - 20:15:00	2	5	12	11	3	1.7	62	-0.3	72	1002.8
03/03/2022	20:15:00 - 20:30:00	2	5	12	11	3	1.8	64	-0.5	73	1002.8
03/03/2022	20:30:00 - 20:45:00	2	5	12	10	3	1.8	76	-0.5	74	1002.5
03/03/2022	20:45:00 - 21:00:00	2	6	12	11	4	1.8	71	-0.5	72	1002.6
03/03/2022	21:00:00 - 21:15:00	3	8	14	16	4	2.2	71	-0.6	72	1002.5
03/03/2022	21:15:00 - 21:30:00	3	9	13	15	5	2.0	68	-0.7	73	1002.4
03/03/2022	21:30:00 - 21:45:00	4	9	15	13	6	1.5	75	-0.8	74	1002.3
03/03/2022	21:45:00 - 22:00:00	2	8	12	14	4	1.7	84	-0.8	75	1002.1
03/03/2022	22:00:00 - 22:15:00	2	7	12	13	4	1.8	86	-0.8	75	1002.0
03/03/2022	22:15:00 - 22:30:00	3	7	12	12	4	1.6	82	-0.8	75	1002.0

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Appendix A: Complete Preliminary Data Record

Date	Timestamp	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]
03/03/2022	22:30:00 - 22:45:00	2	8	12	13	4	1.7	88	-0.8	75	1001.8
03/03/2022	22:45:00 - 23:00:00	3	8	13	14	5	1.5	80	-0.8	77	1001.7
03/03/2022	23:00:00 - 23:15:00	3	9	15	13	5	1.5	71	-0.9	77	1001.7
03/03/2022	23:15:00 - 23:30:00	4	8	15	13	5	1.2	69	-1.1	78	1001.5
03/03/2022	23:30:00 - 23:45:00	3	9	14	15	5	1.6	68	-1.2	79	1001.4
03/04/2022	23:45:00 - 00:00:00	5	10	18	15	6	1.4	60	-1.3	79	1001.5
03/04/2022	00:00:00 - 00:15:00	6	15	19	17	9	1.5	69	-1.4	80	1001.6
03/04/2022	00:15:00 - 00:30:00	7	9	23	16	7	1.4	59	-1.4	81	1001.7
03/04/2022	00:30:00 - 00:45:00	3	6	14	14	4	1.8	62	-1.5	81	1001.7
03/04/2022	00:45:00 - 01:00:00	2	6	12	11	4	1.7	64	-1.5	82	1001.8
03/04/2022	01:00:00 - 01:15:00	2	6	13	12	4	1.6	66	-1.4	82	1001.7
03/04/2022	01:15:00 - 01:30:00	3	6	12	12	4	1.8	68	-1.5	80	1001.7
03/04/2022	01:30:00 - 01:45:00	3	6	13	13	4	1.6	63	-1.5	81	1001.8
03/04/2022	01:45:00 - 02:00:00	3	6	13	13	4	1.7	67	-1.6	81	1001.7
03/04/2022	02:00:00 - 02:15:00	3	7	14	12	4	1.8	72	-1.6	81	1001.6
03/04/2022	02:15:00 - 02:30:00	3	7	14	13	4	2.3	76	-1.6	81	1001.2
03/04/2022	02:30:00 - 02:45:00	3	7	15	13	5	2.2	72	-1.7	82	1000.7
03/04/2022	02:45:00 - 03:00:00	4	7	15	14	5	2.5	75	-1.7	81	1000.3
03/04/2022	03:00:00 - 03:15:00	4	7	15	14	5	2.3	75	-1.6	81	1000.4
03/04/2022	03:15:00 - 03:30:00	4	8	16	15	5	2.3	76	-1.6	81	1000.5
03/04/2022	03:30:00 - 03:45:00	4	8	16	15	5	2.4	82	-1.6	81	1000.7
03/04/2022	03:45:00 - 04:00:00	4	8	17	15	6	2.3	85	-1.6	81	1000.9
03/04/2022	04:00:00 - 04:15:00	4	8	17	15	6	1.9	77	-1.6	81	1001.1
03/04/2022	04:15:00 - 04:30:00	5	9	17	17	6	1.5	74	-1.7	81	1001.4
03/04/2022	04:30:00 - 04:45:00	5	9	18	17	6	1.5	74	-1.7	81	1001.5
03/04/2022	04:45:00 - 05:00:00	5	9	18	19	6	1.3	66	-1.8	82	1001.6
03/04/2022	05:00:00 - 05:15:00	5	9	18	18	6	1.4	68	-1.9	83	1001.6
03/04/2022	05:15:00 - 05:30:00	5	16	18	26	7	1.5	74	-1.9	83	1001.7
03/04/2022	05:30:00 - 05:45:00	5	14	19	26	7	1.5	80	-1.9	83	1001.6
03/04/2022	05:45:00 - 06:00:00	5	11	19	22	7	2.0	83	-1.9	83	1001.6
03/04/2022	06:00:00 - 06:15:00	5	10	19	20	7	2.3	85	-1.9	83	1001.6
03/04/2022	06:15:00 - 06:30:00	5	9	19	17	7	2.3	85	-1.9	83	1001.8
03/04/2022	06:30:00 - 06:45:00	5	9	19	17	6	2.4	88	-1.7	83	1001.8
03/04/2022	06:45:00 - 07:00:00	5	9	18	17	6	3.1	88	-1.4	82	1001.8
03/04/2022	07:00:00 - 07:15:00	5	8	18	16	11	2.7	92	-1.0	80	1001.9
03/04/2022	07:15:00 - 07:30:00	5	8	18	16	15	3.2	93	-0.6	79	1001.9
03/04/2022	07:30:00 - 07:45:00	5	8	19	16	6	2.4	98	0.0	77	1002.1
03/04/2022	07:45:00 - 08:00:00	6	9	20	17	7	2.2	111	0.5	75	1002.3
03/04/2022	08:00:00 - 08:15:00	6	8	19	17	8	2.4	103	0.9	73	1002.3
03/04/2022	08:15:00 - 08:30:00	5	8	19	16	9	3.0	92	1.3	72	1002.4
03/04/2022	08:30:00 - 08:45:00	5	8	20	16	7	4.1	87	1.5	71	1002.3
03/04/2022	08:45:00 - 09:00:00	6	8	19	17	8	3.2	95	2.0	68	1002.2
03/04/2022	09:00:00 - 09:15:00	5	8	19	18	7	3.0	100	2.5	66	1002.0
03/04/2022	09:15:00 - 09:30:00	5	8	19	18	8	2.7	102	3.2	64	1001.9
03/04/2022	09:30:00 - 09:45:00	6	8	19	24	6	3.2	96	3.9	62	1001.9
03/04/2022	09:45:00 - 10:00:00	6	8	18	21	8	3.0	94	4.0	61	1001.9
03/04/2022	10:00:00 - 10:15:00	6	8	18	26	8	2.6	106	4.4	60	1001.7
03/04/2022	10:15:00 - 10:30:00	6	8	18	22	8	3.2	97	4.5	60	1001.4
03/04/2022	10:30:00 - 10:45:00	6	8	17	21	7	2.5	104	4.9	60	1001.2
03/04/2022	10:45:00 - 11:00:00	6	8	17	24	8	3.2	95	5.1	60	1001.2
03/04/2022	11:00:00 - 11:15:00	6	8	17	20	8	2.5	99	5.6	59	1001.0
03/04/2022	11:15:00 - 11:30:00	6	8	17	29	8	2.7	104	5.8	60	1000.7
03/04/2022	11:30:00 - 11:45:00	6	8	17	19	7	2.7	99	6.1	59	1000.5
03/04/2022	11:45:00 - 12:00:00	6	8	17	18	10	2.6	103	6.5	58	1000.4
03/04/2022	12:00:00 - 12:15:00	6	8	17	18	10	2.8	102	6.8	58	999.9
03/04/2022	12:15:00 - 12:30:00	6	8	17	21	13	2.5	102	7.0	58	999.8
03/04/2022	12:30:00 - 12:45:00	6	8	17	22	8	2.8	100	7.3	57	999.4
03/04/2022	12:45:00 - 13:00:00	7	8	17	22	13	2.5	105	7.6	55	999.1
03/04/2022	13:00:00 - 13:15:00	6	8	17	20	10	3.1	91	8.1	54	998.7
03/04/2022	13:15:00 - 13:30:00	6	7	16	17	9	2.6	99	8.3	53	998.3
03/04/2022	13:30:00 - 13:45:00	5	7	15	16	13	3.2	98	8.4	51	998.0
03/04/2022	13:45:00 - 14:00:00	6	7	16	16	7	3.1	96	8.6	51	997.8

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Appendix A: Complete Preliminary Data Record

Date	Timestamp	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]
03/04/2022	14:00:00 - 14:15:00	6	7	16	16	6	3.4	94	8.8	50	997.7
03/04/2022	14:15:00 - 14:30:00	6	8	17	19	10	3.4	96	8.8	51	997.4
03/04/2022	14:30:00 - 14:45:00	7	8	18	18	7	2.6	102	9.1	50	997.3
03/04/2022	14:45:00 - 15:00:00	7	8	18	18	8	3.1	95	9.2	50	997.0
03/04/2022	15:00:00 - 15:15:00	7	8	17	19	7	2.8	98	9.6	50	996.8
03/04/2022	15:15:00 - 15:30:00	7	8	17	18	7	2.9	93	9.8	49	996.7
03/04/2022	15:30:00 - 15:45:00	7	8	18	18	7	2.9	102	10.1	48	996.5
03/04/2022	15:45:00 - 16:00:00	6	7	16	16	6	3.6	96	10.3	46	996.3
03/04/2022	16:00:00 - 16:15:00	6	7	16	16	6	2.6	101	10.5	46	996.0
03/04/2022	16:15:00 - 16:30:00	5	7	15	15	6	2.8	98	10.3	46	995.7
03/04/2022	16:30:00 - 16:45:00	5	7	15	14	5	2.8	95	9.9	47	995.6
03/04/2022	16:45:00 - 17:00:00	6	7	15	15	6	2.5	100	9.7	49	995.5
03/04/2022	17:00:00 - 17:15:00	6	8	17	16	6	2.5	94	9.5	51	995.4
03/04/2022	17:15:00 - 17:30:00	6	8	16	16	6	2.3	102	9.2	51	995.2
03/04/2022	17:30:00 - 17:45:00	6	8	16	16	6	2.2	99	9.0	52	995.1
03/04/2022	17:45:00 - 18:00:00	5	7	16	15	5	2.3	97	8.8	53	995.0
03/04/2022	18:00:00 - 18:15:00	6	7	17	15	6	2.3	98	8.6	54	994.7
03/04/2022	18:15:00 - 18:30:00	6	7	17	16	6	2.1	109	8.5	54	994.7
03/04/2022	18:30:00 - 18:45:00	6	8	18	16	6	2.4	102	8.4	54	994.8
03/04/2022	18:45:00 - 19:00:00	6	8	17	16	6	1.7	113	8.3	54	994.8
03/04/2022	19:00:00 - 19:15:00	5	8	17	16	6	2.2	104	8.3	54	994.7
03/04/2022	19:15:00 - 19:30:00	5	8	17	16	6	2.5	103	8.2	53	994.5
03/04/2022	19:30:00 - 19:45:00	6	8	18	17	6	2.1	100	8.1	54	994.3
03/04/2022	19:45:00 - 20:00:00	7	9	20	18	6	2.0	104	7.9	54	994.3
03/04/2022	20:00:00 - 20:15:00	7	9	20	18	7	2.0	114	7.8	54	994.1
03/04/2022	20:15:00 - 20:30:00	7	9	20	19	7	2.0	114	7.7	54	994.1
03/04/2022	20:30:00 - 20:45:00	7	10	21	20	7	1.8	116	7.6	55	994.1
03/04/2022	20:45:00 - 21:00:00	8	10	22	21	8	1.6	119	7.6	55	994.0
03/04/2022	21:00:00 - 21:15:00	8	11	23	22	8	1.7	117	7.5	55	993.7
03/04/2022	21:15:00 - 21:30:00	8	11	24	22	9	1.6	132	7.5	55	993.5
03/04/2022	21:30:00 - 21:45:00	9	11	25	23	9	1.8	126	7.5	55	993.2
03/04/2022	21:45:00 - 22:00:00	8	11	24	23	9	1.7	127	7.5	55	993.1
03/04/2022	22:00:00 - 22:15:00	9	11	25	23	9	1.7	132	7.4	56	993.1
03/04/2022	22:15:00 - 22:30:00	9	11	26	24	9	1.9	135	7.4	56	993.1
03/04/2022	22:30:00 - 22:45:00	9	12	26	24	9	1.9	120	7.4	56	993.0
03/04/2022	22:45:00 - 23:00:00	9	12	26	24	10	1.9	135	7.4	56	992.8
03/04/2022	23:00:00 - 23:15:00	9	11	26	24	9	1.7	126	7.4	55	992.6
03/04/2022	23:15:00 - 23:30:00	9	11	26	23	9	1.9	126	7.2	57	992.3
03/04/2022	23:30:00 - 23:45:00	9	11	26	24	9	2.0	126	7.1	57	992.2
03/05/2022	23:45:00 - 00:00:00	9	11	26	23	9	1.9	125	7.0	59	992.1
03/05/2022	00:00:00 - 00:15:00	8	11	25	23	9	1.7	134	6.9	59	991.9
03/05/2022	00:15:00 - 00:30:00	8	11	24	22	8	1.5	129	6.9	60	991.8
03/05/2022	00:30:00 - 00:45:00	8	10	23	21	8	1.6	129	7.0	60	991.9
03/05/2022	00:45:00 - 01:00:00	7	10	22	20	7	2.0	135	7.1	60	991.8
03/05/2022	01:00:00 - 01:15:00	7	9	21	19	7	1.9	132	7.3	59	991.7
03/05/2022	01:15:00 - 01:30:00	7	9	21	18	7	1.7	138	7.5	59	991.6
03/05/2022	01:30:00 - 01:45:00	7	9	20	18	7	1.8	135	7.6	59	991.6
03/05/2022	01:45:00 - 02:00:00	6	9	20	18	7	1.8	130	7.9	58	991.5
03/05/2022	02:00:00 - 02:15:00	6	8	19	17	6	1.6	126	7.9	59	991.4
03/05/2022	02:15:00 - 02:30:00	6	8	18	16	6	2.0	127	8.1	59	991.2
03/05/2022	02:30:00 - 02:45:00	6	8	17	16	6	1.7	124	8.1	59	991.0
03/05/2022	02:45:00 - 03:00:00	6	7	17	15	6	1.5	126	7.9	60	990.9
03/05/2022	03:00:00 - 03:15:00	5	7	17	15	6	1.7	131	7.9	61	990.8
03/05/2022	03:15:00 - 03:30:00	5	7	16	15	5	1.2	133	7.8	62	990.6
03/05/2022	03:30:00 - 03:45:00	5	7	16	14	5	1.5	135	7.8	62	990.5
03/05/2022	03:45:00 - 04:00:00	5	7	16	14	5	1.6	133	7.8	63	990.4
03/05/2022	04:00:00 - 04:15:00	5	7	16	14	5	1.6	134	7.7	64	990.3
03/05/2022	04:15:00 - 04:30:00	5	7	16	14	5	1.7	134	7.6	65	990.1
03/05/2022	04:30:00 - 04:45:00	5	7	16	14	5	1.9	134	7.5	66	990.0
03/05/2022	04:45:00 - 05:00:00	5	7	16	14	5	1.5	134	7.5	66	989.8
03/05/2022	05:00:00 - 05:15:00	5	7	16	15	5	1.4	138	7.6	67	989.6
03/05/2022	05:15:00 - 05:30:00	5	7	17	15	5	1.3	140	7.6	67	989.5

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	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]
03/05/2022	05:30:00 - 05:45:00	5	7	17	15	6	1.3	135	7.6	68	989.3
03/05/2022	05:45:00 - 06:00:00	6	8	18	16	6	1.1	153	7.5	69	989.4
03/05/2022	06:00:00 - 06:15:00	6	8	18	16	6	1.3	143	7.5	69	989.3
03/05/2022	06:15:00 - 06:30:00	6	8	18	17	6	1.3	148	7.5	70	989.2
03/05/2022	06:30:00 - 06:45:00	6	8	19	17	6	1.4	147	7.4	71	989.1
03/05/2022	06:45:00 - 07:00:00	6	9	20	18	7	1.1	160	7.5	71	989.1
03/05/2022	07:00:00 - 07:15:00	7	9	21	19	7	1.1	153	7.7	72	989.1
03/05/2022	07:15:00 - 07:30:00	8	10	22	20	7	1.1	141	8.1	71	989.0
03/05/2022	07:30:00 - 07:45:00	8	10	22	21	8	1.2	144	8.9	70	989.0
03/05/2022	07:45:00 - 08:00:00	8	11	22	22	8	1.1	147	9.7	69	988.9
03/05/2022	08:00:00 - 08:15:00	9	11	24	23	9	1.0	170	10.8	67	988.9
03/05/2022	08:15:00 - 08:30:00	10	12	25	25	9	1.1	170	11.9	65	988.7
03/05/2022	08:30:00 - 08:45:00	11	13	27	27	10	1.1	181	13.3	63	988.5
03/05/2022	08:45:00 - 09:00:00	11	13	27	28	11	1.2	189	14.4	60	988.3
03/05/2022	09:00:00 - 09:15:00	11	13	27	28	10	1.3	180	15.2	59	988.1
03/05/2022	09:15:00 - 09:30:00	11	13	27	28	11	1.2	171	15.6	59	988.1
03/05/2022	09:30:00 - 09:45:00	12	14	29	30	11	1.6	195	16.3	57	988.1
03/05/2022	09:45:00 - 10:00:00	12	14	29	29	11	2.3	202	17.0	56	988.1
03/05/2022	10:00:00 - 10:15:00	12	13	28	28	11	2.1	199	17.5	56	988.1
03/05/2022	10:15:00 - 10:30:00	12	13	27	29	11	2.5	204	17.5	55	988.0
03/05/2022	10:30:00 - 10:45:00	13	14	29	29	11	2.5	202	17.3	56	987.9
03/05/2022	10:45:00 - 11:00:00	13	14	31	31	12	2.2	207	17.5	55	987.6
03/05/2022	11:00:00 - 11:15:00	14	15	32	32	12	2.1	203	18.2	53	987.5
03/05/2022	11:15:00 - 11:30:00	14	15	32	33	13	1.8	193	18.6	52	987.4
03/05/2022	11:30:00 - 11:45:00	14	15	32	33	13	1.6	186	19.0	53	987.1
03/05/2022	11:45:00 - 12:00:00	14	15	31	32	12	1.4	191	19.8	51	986.9
03/05/2022	12:00:00 - 12:15:00	14	15	31	32	12	1.7	192	20.2	50	986.6
03/05/2022	12:15:00 - 12:30:00	14	15	30	33	13	1.7	187	20.6	50	986.4
03/05/2022	12:30:00 - 12:45:00	14	14	30	32	12	1.9	190	21.0	50	986.1
03/05/2022	12:45:00 - 13:00:00	13	14	30	33	13	2.3	188	21.4	49	985.7
03/05/2022	13:00:00 - 13:15:00	14	15	31	32	13	2.7	199	21.6	49	985.3
03/05/2022	13:15:00 - 13:30:00	13	13	29	36	13	2.2	191	22.1	48	985.0
03/05/2022	13:30:00 - 13:45:00	13	14	29	32	12	2.5	185	22.1	48	984.7
03/05/2022	13:45:00 - 14:00:00	13	14	30	31	13	2.6	197	22.4	48	984.4
03/05/2022	14:00:00 - 14:15:00	14	14	30	38	15	2.9	191	22.5	49	984.2
03/05/2022	14:15:00 - 14:30:00	13	15	30	32	15	2.6	192	22.4	51	984.1
03/05/2022	14:30:00 - 14:45:00	13	14	30	38	20	2.8	195	21.3	52	984.2
03/05/2022	14:45:00 - 15:00:00	14	14	31	38	19	2.1	183	20.9	55	984.0
03/05/2022	15:00:00 - 15:15:00	13	14	31	36	17	2.4	194	21.0	55	983.9
03/05/2022	15:15:00 - 15:30:00	13	15	31	35	15	2.2	181	20.8	56	983.8
03/05/2022	15:30:00 - 15:45:00	14	15	32	35	13	2.2	184	20.8	57	983.4
03/05/2022	15:45:00 - 16:00:00	14	15	32	36	13	2.3	186	20.4	59	983.3
03/05/2022	16:00:00 - 16:15:00	14	15	31	34	12	2.6	178	20.1	61	983.2
03/05/2022	16:15:00 - 16:30:00	13	14	30	32	12	2.4	189	19.7	63	983.1
03/05/2022	16:30:00 - 16:45:00	12	13	29	30	11	2.7	193	19.3	64	983.3
03/05/2022	16:45:00 - 17:00:00	12	13	27	32	11	2.4	197	19.1	65	983.3
03/05/2022	17:00:00 - 17:15:00	11	12	25	26	10	2.2	183	18.9	65	983.1
03/05/2022	17:15:00 - 17:30:00	10	11	24	26	9	2.3	195	18.7	66	983.0
03/05/2022	17:30:00 - 17:45:00	9	11	23	24	9	2.1	194	18.3	67	982.9
03/05/2022	17:45:00 - 18:00:00	10	11	24	25	9	1.6	198	17.8	69	982.8
03/05/2022	18:00:00 - 18:15:00	10	12	25	27	10	1.9	185	17.5	70	982.9
03/05/2022	18:15:00 - 18:30:00	9	11	23	24	9	2.2	194	17.8	71	983.0
03/05/2022	18:30:00 - 18:45:00	9	10	21	23	8	3.6	201	18.0	73	983.2
03/05/2022	18:45:00 - 19:00:00	8	9	20	21	7	3.2	199	17.7	75	983.2
03/05/2022	19:00:00 - 19:15:00	8	10	21	22	8	2.5	197	17.3	77	983.2
03/05/2022	19:15:00 - 19:30:00	9	10	22	23	8	2.9	204	17.2	78	983.3
03/05/2022	19:30:00 - 19:45:00	9	10	23	23	8	2.6	205	17.1	78	983.2
03/05/2022	19:45:00 - 20:00:00	9	10	22	23	8	2.7	196	17.1	77	982.9
03/05/2022	20:00:00 - 20:15:00	9	10	21	22	8	2.0	188	17.1	77	982.8
03/05/2022	20:15:00 - 20:30:00	8	10	21	22	8	1.8	200	17.1	77	982.6
03/05/2022	20:30:00 - 20:45:00	8	9	21	21	8	2.3	198	17.1	77	982.0
03/05/2022	20:45:00 - 21:00:00	8	10	21	22	8	2.4	202	17.2	76	981.8

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	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]
03/05/2022	21:00:00 - 21:15:00	8	10	21	22	8	2.2	192	17.2	75	981.4
03/05/2022	21:15:00 - 21:30:00	8	9	21	21	8	1.8	203	17.4	75	981.8
03/05/2022	21:30:00 - 21:45:00	8	9	20	21	7	2.4	202	17.6	74	981.7
03/05/2022	21:45:00 - 22:00:00	8	9	20	21	7	2.4	198	17.4	74	981.8
03/05/2022	22:00:00 - 22:15:00	8	9	20	20	7	2.7	201	17.2	75	981.9
03/05/2022	22:15:00 - 22:30:00	8	9	20	21	7	2.5	199	17.1	76	982.0
03/05/2022	22:30:00 - 22:45:00	8	9	20	21	7	1.8	194	17.0	76	981.9
03/05/2022	22:45:00 - 23:00:00	8	9	19	20	7	1.9	199	16.9	77	981.9
03/05/2022	23:00:00 - 23:15:00	7	9	19	20	7	2.6	203	17.2	77	982.0
03/05/2022	23:15:00 - 23:30:00	7	8	18	19	7	2.9	206	17.3	77	982.2
03/05/2022	23:30:00 - 23:45:00	7	8	17	18	6	2.2	213	17.3	79	982.3
03/06/2022	23:45:00 - 00:00:00	7	8	16	17	6	1.7	251	16.6	82	983.3
03/06/2022	00:00:00 - 00:15:00	4	5	8	10	3	2.7	277	12.4	94	983.7
03/06/2022	00:15:00 - 00:30:00	4	5	8	11	3	1.8	215	11.9	98	982.9
03/06/2022	00:30:00 - 00:45:00	3	4	9	10	3	4.5	210	12.8	97	982.1
03/06/2022	00:45:00 - 01:00:00	3	5	9	10	3	3.6	214	13.8	87	982.5
03/06/2022	01:00:00 - 01:15:00	3	5	9	10	3	3.8	211	13.8	85	983.1
03/06/2022	01:15:00 - 01:30:00	4	5	10	11	4	2.9	204	13.6	86	983.2
03/06/2022	01:30:00 - 01:45:00	4	6	11	12	4	2.5	215	13.5	86	983.3
03/06/2022	01:45:00 - 02:00:00	4	6	12	13	4	1.8	218	13.4	88	983.4
03/06/2022	02:00:00 - 02:15:00	4	6	12	12	4	1.6	222	13.4	89	983.7
03/06/2022	02:15:00 - 02:30:00	4	6	11	12	4	1.6	232	13.4	90	983.8
03/06/2022	02:30:00 - 02:45:00	4	6	12	13	4	1.5	230	13.6	90	984.0
03/06/2022	02:45:00 - 03:00:00	4	6	13	14	4	1.3	239	13.5	90	984.2
03/06/2022	03:00:00 - 03:15:00	6	7	15	16	5	1.0	249	13.3	89	984.3
03/06/2022	03:15:00 - 03:30:00	7	8	17	18	6	1.6	259	13.4	85	984.4
03/06/2022	03:30:00 - 03:45:00	7	9	17	19	7	2.2	277	12.9	83	984.7
03/06/2022	03:45:00 - 04:00:00	7	9	18	20	7	2.0	288	11.5	77	985.1
03/06/2022	04:00:00 - 04:15:00	6	9	17	18	6	1.9	277	10.4	74	985.5
03/06/2022	04:15:00 - 04:30:00	7	10	19	20	7	1.6	285	9.6	78	985.8
03/06/2022	04:30:00 - 04:45:00	9	12	23	25	9	2.2	289	9.0	82	986.2
03/06/2022	04:45:00 - 05:00:00	10	12	25	26	10	1.4	279	8.3	83	986.6
03/06/2022	05:00:00 - 05:15:00	8	11	22	22	8	2.8	286	7.4	82	987.1
03/06/2022	05:15:00 - 05:30:00	6	9	18	18	6	2.6	281	6.7	81	987.3
03/06/2022	05:30:00 - 05:45:00	6	9	19	19	6	1.7	280	6.3	81	987.7
03/06/2022	05:45:00 - 06:00:00	6	9	19	18	6	2.4	278	6.0	81	987.9
03/06/2022	06:00:00 - 06:15:00	6	8	18	17	6	1.7	273	5.6	81	988.0
03/06/2022	06:15:00 - 06:30:00	6	9	18	17	6	2.1	275	5.2	82	988.0
03/06/2022	06:30:00 - 06:45:00	5	9	18	17	6	1.6	277	5.0	83	988.3
03/06/2022	06:45:00 - 07:00:00	5	8	17	17	6	1.4	267	5.0	82	988.8
03/06/2022	07:00:00 - 07:15:00	5	9	17	17	6	2.2	284	4.9	82	988.9
03/06/2022	07:15:00 - 07:30:00	5	9	17	16	6	1.8	278	4.9	82	989.4
03/06/2022	07:30:00 - 07:45:00	5	9	17	16	5	2.0	279	5.3	81	989.8
03/06/2022	07:45:00 - 08:00:00	5	9	17	15	5	1.6	263	5.2	81	990.1
03/06/2022	08:00:00 - 08:15:00	5	9	16	15	5	1.7	290	5.3	81	990.1
03/06/2022	08:15:00 - 08:30:00	5	9	16	15	5	2.3	297	5.0	82	990.4
03/06/2022	08:30:00 - 08:45:00	5	8	16	15	5	1.3	277	5.7	80	990.6
03/06/2022	08:45:00 - 09:00:00	5	8	15	14	5	2.0	299	5.5	80	990.8
03/06/2022	09:00:00 - 09:15:00	5	8	15	14	5	2.1	279	5.7	78	991.1
03/06/2022	09:15:00 - 09:30:00	5	8	14	14	5	1.8	277	5.8	77	991.3
03/06/2022	09:30:00 - 09:45:00	5	8	14	14	4	2.2	295	6.2	75	991.5
03/06/2022	09:45:00 - 10:00:00	5	8	14	14	5	1.7	284	6.0	76	991.8
03/06/2022	10:00:00 - 10:15:00	5	8	14	14	5	2.1	289	5.9	76	991.9
03/06/2022	10:15:00 - 10:30:00	5	9	14	14	5	2.1	301	5.8	76	992.1
03/06/2022	10:30:00 - 10:45:00	5	8	15	14	5	2.4	300	5.9	76	992.2
03/06/2022	10:45:00 - 11:00:00	5	9	15	15	5	1.9	293	6.3	75	992.1
03/06/2022	11:00:00 - 11:15:00	5	9	15	15	5	1.8	280	6.6	74	992.0
03/06/2022	11:15:00 - 11:30:00	5	8	15	15	5	1.6	274	7.0	73	992.0
03/06/2022	11:30:00 - 11:45:00	5	8	14	14	5	2.3	293	6.8	72	991.9
03/06/2022	11:45:00 - 12:00:00	5	8	14	15	5	2.2	293	7.3	72	991.9
03/06/2022	12:00:00 - 12:15:00	5	9	14	15	5	2.1	295	7.6	71	992.0
03/06/2022	12:15:00 - 12:30:00	6	8	15	15	5	2.0	287	7.9	69	991.9

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	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. [$^{\circ}$ Celcius]	Relative Humidity [%]	Barometric Pressure [mb]
03/06/2022	12:30:00 - 12:45:00	6	8	15	15	5	2.0	296	8.3	69	991.8
03/06/2022	12:45:00 - 13:00:00	6	7	15	15	5	1.8	302	8.5	69	991.6
03/06/2022	13:00:00 - 13:15:00	6	8	16	18	6	1.9	293	8.7	68	991.5
03/06/2022	13:15:00 - 13:30:00	6	8	16	18	6	1.7	301	9.3	68	991.4
03/06/2022	13:30:00 - 13:45:00	7	8	16	18	6	1.6	307	9.4	66	991.5
03/06/2022	13:45:00 - 14:00:00	7	9	17	20	6	1.8	304	9.6	65	991.7
03/06/2022	14:00:00 - 14:15:00	7	8	17	17	6	2.7	309	9.4	65	991.6
03/06/2022	14:15:00 - 14:30:00	7	9	16	17	6	2.3	298	9.5	65	991.4
03/06/2022	14:30:00 - 14:45:00	7	9	18	17	6	1.9	319	9.9	64	991.4
03/06/2022	14:45:00 - 15:00:00	7	9	18	18	7	1.9	321	10.1	63	991.3
03/06/2022	15:00:00 - 15:15:00	7	9	18	18	7	1.8	327	10.3	63	991.4
03/06/2022	15:15:00 - 15:30:00	7	9	18	18	7	1.4	325	10.2	63	991.0
03/06/2022	15:30:00 - 15:45:00	8	9	20	20	8	1.5	344	10.5	62	990.8
03/06/2022	15:45:00 - 16:00:00	8	10	21	20	8	1.1	340	10.3	62	990.8
03/06/2022	16:00:00 - 16:15:00	8	10	21	21	8	1.0	354	10.2	63	990.7
03/06/2022	16:15:00 - 16:30:00	9	10	22	22	9	1.0	348	9.8	65	990.6
03/06/2022	16:30:00 - 16:45:00	9	10	23	23	9	0.8	340	9.8	64	990.6
03/06/2022	16:45:00 - 17:00:00	9	10	23	23	9	0.5	355	9.6	63	990.9
03/06/2022	17:00:00 - 17:15:00	9	10	24	25	9	0.9	20	9.4	64	990.8
03/06/2022	17:15:00 - 17:30:00	9	11	24	24	9	0.8	28	8.7	65	991.1
03/06/2022	17:30:00 - 17:45:00	9	11	24	25	9	0.8	39	8.1	67	991.1
03/06/2022	17:45:00 - 18:00:00	12	11	31	25	10	0.7	51	7.8	68	990.6
03/06/2022	18:00:00 - 18:15:00	10	11	27	26	10	0.8	48	7.6	69	990.2
03/06/2022	18:15:00 - 18:30:00	10	12	26	27	10	1.3	43	7.4	71	990.0
03/06/2022	18:30:00 - 18:45:00	9	12	26	27	10	1.3	39	6.8	75	989.5
03/06/2022	18:45:00 - 19:00:00	9	12	26	27	10	1.5	34	6.2	78	989.0
03/06/2022	19:00:00 - 19:15:00	9	12	26	26	10	1.3	41	5.9	79	988.8
03/06/2022	19:15:00 - 19:30:00	9	12	26	26	10	1.6	55	5.6	80	988.4
03/06/2022	19:30:00 - 19:45:00	9	12	26	27	10	1.6	40	5.5	81	988.4
03/06/2022	19:45:00 - 20:00:00	10	12	27	27	10	1.5	53	5.4	80	988.7
03/06/2022	20:00:00 - 20:15:00	10	13	28	28	11	2.0	53	5.3	79	987.9
03/06/2022	20:15:00 - 20:30:00	10	13	29	29	11	1.2	51	5.2	80	988.0
03/06/2022	20:30:00 - 20:45:00	11	14	31	33	12	1.2	37	4.9	84	988.1
03/06/2022	20:45:00 - 21:00:00	13	16	34	35	14	1.1	38	4.4	89	987.9
03/06/2022	21:00:00 - 21:15:00	14	17	36	39	14	1.8	34	3.8	93	987.6
03/06/2022	21:15:00 - 21:30:00	15	17	37	40	15	1.7	29	3.5	96	987.4
03/06/2022	21:30:00 - 21:45:00	14	17	37	39	15	13.1	120	3.4	97	987.3
03/06/2022	21:45:00 - 22:00:00	14	17	36	39	14	21.7	123	3.3	98	986.8
03/06/2022	22:00:00 - 22:15:00	14	18	37	41	14	21.4	124	3.2	99	986.9
03/06/2022	22:15:00 - 22:30:00	15	19	38	43	15	21.3	123	3.2	99	987.1
03/06/2022	22:30:00 - 22:45:00	14	18	35	42	14	8.7	110	2.9	100	986.2
03/06/2022	22:45:00 - 23:00:00	12	16	32	36	12	3.2	50	2.6	100	985.2
03/06/2022	23:00:00 - 23:15:00	12	16	32	35	12	2.8	65	2.4	100	985.4
03/06/2022	23:15:00 - 23:30:00	12	16	32	35	12	4.1	53	2.2	100	984.6
03/06/2022	23:30:00 - 23:45:00	12	16	32	36	12	2.5	55	2.2	100	984.8
03/06/2022	23:45:00 - 00:00:00	12	16	32	36	12	2.1	49	2.1	100	984.1
03/07/2022	00:00:00 - 00:15:00	12	16	33	37	12	2.2	38	2.0	100	984.0
03/07/2022	00:15:00 - 00:30:00	13	16	34	38	13	2.1	34	2.0	100	983.7
03/07/2022	00:30:00 - 00:45:00	12	16	33	38	13	2.6	32	2.0	100	983.0
03/07/2022	00:45:00 - 01:00:00	13	16	36	38	13	3.0	40	1.9	100	982.1
03/07/2022	01:00:00 - 01:15:00	14	18	38	39	14	3.0	47	2.0	100	981.8
03/07/2022	01:15:00 - 01:30:00	14	18	38	41	14	2.2	18	2.1	100	982.5
03/07/2022	01:30:00 - 01:45:00	15	19	39	42	15	1.5	14	2.2	100	983.4
03/07/2022	01:45:00 - 02:00:00	16	20	40	44	16	1.5	26	2.1	100	983.2
03/07/2022	02:00:00 - 02:15:00	18	21	45	51	18	1.8	38	2.0	100	982.6
03/07/2022	02:15:00 - 02:30:00	19	24	48	55	20	1.9	40	2.0	100	982.6
03/07/2022	02:30:00 - 02:45:00	21	26	53	60	21	1.9	55	2.0	100	982.8
03/07/2022	02:45:00 - 03:00:00	20	25	51	58	20	1.9	51	1.9	100	982.1
03/07/2022	03:00:00 - 03:15:00	20	25	50	58	20	1.9	33	1.9	100	982.1
03/07/2022	03:15:00 - 03:30:00	20	25	50	57	20	1.8	29	1.8	100	981.9
03/07/2022	03:30:00 - 03:45:00	20	25	50	56	20	1.4	39	1.9	100	982.2
03/07/2022	03:45:00 - 04:00:00	18	22	45	52	18	1.7	45	1.8	100	981.8

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	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]
03/07/2022	04:00:00 - 04:15:00	16	20	42	47	16	1.7	45	1.7	100	981.3
03/07/2022	04:15:00 - 04:30:00	17	21	45	47	17	2.1	51	1.6	99	981.0
03/07/2022	04:30:00 - 04:45:00	14	18	38	43	15	1.6	50	1.6	99	981.1
03/07/2022	04:45:00 - 05:00:00	14	18	38	41	14	1.4	46	1.7	99	981.9
03/07/2022	05:00:00 - 05:15:00	15	19	41	43	15	0.9	36	1.8	99	982.1
03/07/2022	05:15:00 - 05:30:00	14	18	38	39	14	1.1	23	1.8	99	981.9
03/07/2022	05:30:00 - 05:45:00	12	16	34	34	12	1.3	19	1.6	99	982.4
03/07/2022	05:45:00 - 06:00:00	11	15	32	33	12	1.4	10.1	1.7	99.0	983.2
03/07/2022	06:00:00 - 06:15:00	11	15	32	33	12	1.8	351.9	1.6	99.2	983.2
03/07/2022	06:15:00 - 06:30:00	11	14	30	31	11	1.4	7.8	1.5	99.8	983.6
03/07/2022	06:30:00 - 06:45:00	11	14	31	32	11	1.3	14.6	1.5	99.9	983.9
03/07/2022	06:45:00 - 07:00:00	9	13	26	27	9	1.6	340.1	1.5	99.8	984.3
03/07/2022	07:00:00 - 07:15:00	8	10	23	20	6	1.9	337.0	1.5	99.8	984.5
03/07/2022	07:15:00 - 07:30:00	9	9	24	17	6	1.6	346.1	1.6	99.1	984.9
03/07/2022	07:30:00 - 07:45:00	5	7	17	14	4	1.7	320.1	1.4	99.0	985.4
03/07/2022	07:45:00 - 08:00:00	3	6	13	10	3	1.8	337.9	1.4	99.0	985.7
03/07/2022	08:00:00 - 08:15:00	3	5	12	9	3	1.8	323.7	1.4	98.6	986.0
03/07/2022	08:15:00 - 08:30:00	3	5	12	9	2	1.8	329.5	1.4	98.0	986.4
03/07/2022	08:30:00 - 08:45:00	3	5	13	9	3	2.0	315.2	1.2	98.0	986.8
03/07/2022	08:45:00 - 09:00:00	5	5	15	9	3	1.9	332.9	1.2	97.1	986.7
03/07/2022	09:00:00 - 09:15:00	4	5	15	9	3	1.8	339.8	1.4	96.0	986.7
03/07/2022	09:15:00 - 09:30:00	5	5	16	9	3	2.1	332.8	1.5	94.3	986.8
03/07/2022	09:30:00 - 09:45:00	5	6	16	10	3	2.2	337.5	1.5	93.0	986.9
03/07/2022	09:45:00 - 10:00:00	7	8	21	15	5	1.9	325.6	1.5	92.5	987.4
03/07/2022	10:00:00 - 10:15:00	7	10	21	18	6	2.0	312.6	1.5	91.1	988.1
03/07/2022	10:15:00 - 10:30:00	7	10	21	18	7	2.5	312.2	1.3	90.5	988.6
03/07/2022	10:30:00 - 10:45:00	9	11	25	21	8	2.0	317.8	1.3	90.1	989.0
03/07/2022	10:45:00 - 11:00:00	9	12	26	22	8	2.3	314.4	1.2	89.7	989.3
03/07/2022	11:00:00 - 11:15:00	8	11	25	21	8	2.4	311.9	1.3	89.0	989.5
03/07/2022	11:15:00 - 11:30:00	9	10	26	20	7	2.3	316.3	1.4	87.9	989.6
03/07/2022	11:30:00 - 11:45:00	7	9	22	17	6	2.3	316	1.4	88	989.8
03/07/2022	11:45:00 - 12:00:00	6	8	19	15	6	2.1	322	1.4	87	990.1
03/07/2022	12:00:00 - 12:15:00	4	8	17	13	5	2.5	311	1.5	85	990.3
03/07/2022	12:15:00 - 12:30:00	5	8	17	13	4	2.3	305	1.6	84	990.3
03/07/2022	12:30:00 - 12:45:00	5	8	17	13	5	2.2	314	1.8	82	990.5
03/07/2022	12:45:00 - 13:00:00	5	8	17	13	5	2.6	310	1.9	81	990.6
03/07/2022	13:00:00 - 13:15:00	5	8	17	14	5	2.6	326	1.8	81	990.8
03/07/2022	13:15:00 - 13:30:00	7	8	20	15	5	2.2	320	1.7	82	990.9
03/07/2022	13:30:00 - 13:45:00	6	9	20	16	6	2.4	325	1.7	81	991.1
03/07/2022	13:45:00 - 14:00:00	6	9	21	16	6	1.3	323	1.9	82	991.3
03/07/2022	14:00:00 - 14:15:00	6	9	19	15	6	2.8	323	1.8	79	991.5
03/07/2022	14:15:00 - 14:30:00	Offline	8	19	14	5	2.1	331	1.9	78	991.8
03/07/2022	14:30:00 - 14:45:00	Offline	8	18	14	5	2.7	316	1.8	77	991.9
03/07/2022	14:45:00 - 15:00:00	82	7	18	14	5	2.6	314	1.8	77	992.1
03/07/2022	15:00:00 - 15:15:00	77	8	21	15	6	2.3	309	1.6	78	992.4
03/07/2022	15:15:00 - 15:30:00	74	8	19	15	6	2.3	305	1.5	78	992.7
03/07/2022	15:30:00 - 15:45:00	56	8	18	15	5	2.2	315	1.5	77	993.0
03/07/2022	15:45:00 - 16:00:00	46	9	18	15	5	2.8	306	1.4	78	993.3
03/07/2022	16:00:00 - 16:15:00	43	8	18	14	5	2.5	310	1.4	77	993.5
03/07/2022	16:15:00 - 16:30:00	42	9	19	15	6	1.7	312	1.4	77	993.8
03/07/2022	16:30:00 - 16:45:00	42	8	20	14	5	2.1	318	1.3	76	994.0
03/07/2022	16:45:00 - 17:00:00	39	7	17	13	5	1.7	327	1.3	75	994.2
03/07/2022	17:00:00 - 17:15:00	39	8	18	15	6	1.6	331	1.1	77	994.4
03/07/2022	17:15:00 - 17:30:00	38	8	17	14	5	1.8	305	0.9	76	994.6
03/07/2022	17:30:00 - 17:45:00	37	7	15	12	4	1.6	313	0.8	74	994.9
03/07/2022	17:45:00 - 18:00:00	38	7	15	12	4	1.9	312	0.6	73	995.1
03/07/2022	18:00:00 - 18:15:00	38	8	17	13	5	1.7	332	0.5	75	995.4
03/07/2022	18:15:00 - 18:30:00	37	8	17	13	5	1.5	328	0.4	75	995.7
03/07/2022	18:30:00 - 18:45:00	36	7	16	13	5	1.2	323	0.4	75	996.0
03/07/2022	18:45:00 - 19:00:00	37	8	18	15	5	1.6	323	0.3	76	996.2
03/07/2022	19:00:00 - 19:15:00	41	14	31	27	11	1.8	303	0.0	82	996.4
03/07/2022	19:15:00 - 19:30:00	40	14	31	27	11	1.5	293	0.0	82	996.6

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	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]
03/07/2022	19:30:00 - 19:45:00	39	13	30	27	10	2.1	292	-0.3	81	996.7
03/07/2022	19:45:00 - 20:00:00	37	11	26	23	9	1.7	294	-0.5	81	996.8
03/07/2022	20:00:00 - 20:15:00	37	12	26	23	9	1.9	296	-0.5	81	996.8
03/07/2022	20:15:00 - 20:30:00	36	11	25	23	8	2.0	298	-0.7	81	996.9
03/07/2022	20:30:00 - 20:45:00	36	11	26	22	9	2.0	298	-0.9	81	997.1
03/07/2022	20:45:00 - 21:00:00	38	14	32	28	11	1.5	290	-1.0	80	997.2
03/07/2022	21:00:00 - 21:15:00	38	14	32	28	11	2.3	297	-1.1	79	997.5
03/07/2022	21:15:00 - 21:30:00	37	13	29	25	10	1.6	293	-1.2	80	997.6
03/07/2022	21:30:00 - 21:45:00	37	12	27	24	10	1.1	309	-1.3	80	997.8
03/07/2022	21:45:00 - 22:00:00	37	12	28	24	9	1.2	314	-1.3	80	997.9
03/07/2022	22:00:00 - 22:15:00	38	13	28	25	9	1.3	317	-1.5	80	997.9
03/07/2022	22:15:00 - 22:30:00	40	14	31	27	11	1.5	305	-1.7	79	997.8
03/07/2022	22:30:00 - 22:45:00	40	14	32	28	11	1.2	316	-1.8	79	998.0
03/07/2022	22:45:00 - 23:00:00	41	16	33	30	12	1.1	317	-1.8	80	997.9
03/07/2022	23:00:00 - 23:15:00	41	15	31	28	11	1.3	303	-1.9	80	997.8
03/07/2022	23:15:00 - 23:30:00	37	10	22	19	7	1.2	314	-1.9	78	997.8
03/07/2022	23:30:00 - 23:45:00	38	10	22	19	7	1.2	318	-1.9	78	997.8
03/08/2022	23:45:00 - 00:00:00	39	11	23	20	8	0.9	328	-1.8	78	997.8
03/08/2022	00:00:00 - 00:15:00	40	12	26	22	9	0.9	320	-1.9	78	997.8
03/08/2022	00:15:00 - 00:30:00	40	11	25	22	8	0.9	317	-1.9	78	997.8
03/08/2022	00:30:00 - 00:45:00	40	11	25	21	8	0.9	322	-1.9	77	997.9
03/08/2022	00:45:00 - 01:00:00	41	11	25	21	8	1.0	329	-1.9	77	997.9
03/08/2022	01:00:00 - 01:15:00	41	11	25	22	8	0.8	330	-1.8	76	997.9
03/08/2022	01:15:00 - 01:30:00	42	12	25	22	8	0.7	331	-1.9	76	997.9
03/08/2022	01:30:00 - 01:45:00	42	11	24	21	8	0.7	326	-1.9	76	997.8
03/08/2022	01:45:00 - 02:00:00	42	11	24	20	8	0.9	325	-2.0	76	997.7
03/08/2022	02:00:00 - 02:15:00	42	11	24	20	8	0.8	354	-1.8	76	997.6
03/08/2022	02:15:00 - 02:30:00	42	10	22	19	7	0.9	337	-1.8	76	997.6
03/08/2022	02:30:00 - 02:45:00	41	9	20	16	6	1.2	332	-2.1	76	997.8
03/08/2022	02:45:00 - 03:00:00	41	9	20	16	6	0.6	358	-2.1	75	997.8
03/08/2022	03:00:00 - 03:15:00	41	9	20	16	6	0.6	358	-2.0	75	997.7
03/08/2022	03:15:00 - 03:30:00	41	9	20	17	6	0.6	12	-2.0	76	997.6
03/08/2022	03:30:00 - 03:45:00	42	9	20	17	6	0.8	17	-2.0	75	997.4
03/08/2022	03:45:00 - 04:00:00	42	9	20	17	6	0.6	1	-2.0	75	997.4
03/08/2022	04:00:00 - 04:15:00	42	9	20	17	7	0.5	309	-2.2	74	997.4
03/08/2022	04:15:00 - 04:30:00	42	9	20	17	7	0.6	48	-2.2	75	997.4
03/08/2022	04:30:00 - 04:45:00	42	10	22	18	7	0.4	89	-2.3	75	997.4
03/08/2022	04:45:00 - 05:00:00	42	9	21	18	7	0.5	1	-2.1	75	997.6
03/08/2022	05:00:00 - 05:15:00	42	9	21	17	7	0.5	351	-2.1	75	997.6
03/08/2022	05:15:00 - 05:30:00	42	9	21	18	7	0.5	15	-2.0	75	997.5
03/08/2022	05:30:00 - 05:45:00	43	10	21	18	7	0.1	356	-2.2	75	997.5
03/08/2022	05:45:00 - 06:00:00	43	10	22	18	7	0.2	236	-2.6	75	997.6
03/08/2022	06:00:00 - 06:15:00	44	11	23	19	7	0.3	210	-2.8	76	997.8
03/08/2022	06:15:00 - 06:30:00	45	11	26	20	8	0.1	354	-2.8	77	997.9
03/08/2022	06:30:00 - 06:45:00	44	11	24	21	8	0.2	186	-2.9	78	997.9
03/08/2022	06:45:00 - 07:00:00	44	11	24	22	8	0.4	152	-2.7	77	997.9
03/08/2022	07:00:00 - 07:15:00	44	11	24	22	8	0.5	147	-2.5	76	997.8
03/08/2022	07:15:00 - 07:30:00	45	12	27	23	9	0.4	190	-2.1	75	997.7
03/08/2022	07:30:00 - 07:45:00	45	11	26	21	8	0.2	221	-1.5	74	997.8
03/08/2022	07:45:00 - 08:00:00	44	11	24	20	7	0.6	177	-1.8	73	997.9
03/08/2022	08:00:00 - 08:15:00	44	10	23	20	8	1.1	113	-1.7	74	998.0
03/08/2022	08:15:00 - 08:30:00	44	10	22	20	7	1.0	129	-1.3	73	998.0
03/08/2022	08:30:00 - 08:45:00	43	9	22	19	8	1.1	141	-0.8	72	998.0
03/08/2022	08:45:00 - 09:00:00	43	9	21	18	7	1.3	124	-0.2	70	998.0
03/08/2022	09:00:00 - 09:15:00	44	9	23	19	7	0.9	154	-0.3	70	998.1
03/08/2022	09:15:00 - 09:30:00	43	10	21	18	7	1.2	136	0.1	70	998.3
03/08/2022	09:30:00 - 09:45:00	43	9	20	18	7	1.2	139	0.0	69	998.3
03/08/2022	09:45:00 - 10:00:00	43	9	20	19	8	1.6	126	-0.2	69	998.3
03/08/2022	10:00:00 - 10:15:00	45	9	24	18	7	0.9	166	0.1	69	998.2
03/08/2022	10:15:00 - 10:30:00	43	9	20	25	7	0.9	181	-0.1	69	998.0
03/08/2022	10:30:00 - 10:45:00	45	9	24	18	8	1.3	197	-0.1	69	997.7
03/08/2022	10:45:00 - 11:00:00	47	9	27	17	7	0.5	200	0.8	68	997.6

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	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. [$^{\circ}$ Celcius]	Relative Humidity [%]	Barometric Pressure [mb]
03/08/2022	11:00:00 - 11:15:00	43	9	19	17	7	0.1	308	1.1	66	997.5
03/08/2022	11:15:00 - 11:30:00	44	9	22	18	10	0.8	152	1.6	65	997.2
03/08/2022	11:30:00 - 11:45:00	44	8	19	17	8	1.3	139	2.0	62	997.0
03/08/2022	11:45:00 - 12:00:00	43	8	18	18	8	1.1	122	2.5	62	996.8
03/08/2022	12:00:00 - 12:15:00	47	8	24	17	7	0.4	248	2.6	62	996.5
03/08/2022	12:15:00 - 12:30:00	44	9	19	18	7	1.0	190	3.1	60	996.0
03/08/2022	12:30:00 - 12:45:00	44	8	18	18	7	0.8	142	3.1	61	995.5
03/08/2022	12:45:00 - 13:00:00	45	9	22	18	8	0.3	355	3.8	59	995.2
03/08/2022	13:00:00 - 13:15:00	48	9	22	19	7	0.5	244	4.1	57	995.0
03/08/2022	13:15:00 - 13:30:00	45	9	20	20	7	0.2	113	3.9	58	994.6
03/08/2022	13:30:00 - 13:45:00	46	10	21	20	8	0.4	178	3.8	57	994.2
03/08/2022	13:45:00 - 14:00:00	46	10	20	20	8	0.5	303	3.0	59	993.7
03/08/2022	14:00:00 - 14:15:00	46	10	22	20	8	0.7	215	4.2	57	993.3
03/08/2022	14:15:00 - 14:30:00	45	10	24	20	8	0.9	303	4.3	56	993.1
03/08/2022	14:30:00 - 14:45:00	50	10	33	21	8	0.2	301	4.6	56	992.9
03/08/2022	14:45:00 - 15:00:00	48	11	29	23	9	0.9	182	4.8	55	992.8
03/08/2022	15:00:00 - 15:15:00	46	10	26	20	8	1.0	153	4.4	57	993.0
03/08/2022	15:15:00 - 15:30:00	44	9	19	20	8	1.4	138	3.9	59	993.0
03/08/2022	15:30:00 - 15:45:00	45	7	23	18	7	1.3	165	3.9	60	993.2
03/08/2022	15:45:00 - 16:00:00	44	Offline	18	17	7	1.2	176	4.1	58	993.1
03/08/2022	16:00:00 - 16:15:00	43	16	17	16	6	0.9	144	3.9	60	992.8
03/08/2022	16:15:00 - 16:30:00	43	20	18	17	13	1.0	133	3.4	63	992.6
03/08/2022	16:30:00 - 16:45:00	43	20	18	17	20	0.8	83	3.6	62	992.2
03/08/2022	16:45:00 - 17:00:00	45	23	21	18	22	0.7	120	3.3	62	992.1
03/08/2022	17:00:00 - 17:15:00	43	22	20	18	20	0.8	145	3.2	65	992.0
03/08/2022	17:15:00 - 17:30:00	44	22	21	17	19	0.4	141	3.1	66	991.7
03/08/2022	17:30:00 - 17:45:00	43	21	20	17	19	0.6	114	2.7	66	991.4
03/08/2022	17:45:00 - 18:00:00	43	20	19	17	19	0.8	143	2.3	68	991.3
03/08/2022	18:00:00 - 18:15:00	43	19	20	17	18	1.1	136	2.1	69	991.2
03/08/2022	18:15:00 - 18:30:00	42	19	19	16	18	0.6	110	1.7	69	991.2
03/08/2022	18:30:00 - 18:45:00	43	22	20	18	20	0.6	186	1.4	72	991.1
03/08/2022	18:45:00 - 19:00:00	42	21	20	18	19	0.9	164	1.5	71	991.4
03/08/2022	19:00:00 - 19:15:00	43	21	20	18	19	1.0	167	1.6	71	991.6
03/08/2022	19:15:00 - 19:30:00	43	23	21	19	22	0.9	167	1.4	71	991.6
03/08/2022	19:30:00 - 19:45:00	43	25	22	20	23	1.1	172	1.5	72	991.7
03/08/2022	19:45:00 - 20:00:00	44	28	24	21	24	0.9	165	1.3	73	991.6
03/08/2022	20:00:00 - 20:15:00	45	31	26	24	28	1.0	176	1.4	73	991.8
03/08/2022	20:15:00 - 20:30:00	45	29	25	22	27	1.2	177	1.5	71	991.8
03/08/2022	20:30:00 - 20:45:00	45	28	26	22	26	0.6	176	1.2	71	991.5
03/08/2022	20:45:00 - 21:00:00	45	32	27	25	29	0.3	228	1.2	73	991.4
03/08/2022	21:00:00 - 21:15:00	46	35	29	26	31	0.3	212	1.1	74	991.3
03/08/2022	21:15:00 - 21:30:00	46	35	29	27	31	0.3	222	1.2	74	991.2
03/08/2022	21:30:00 - 21:45:00	46	38	30	29	33	0.4	182	1.1	74	991.2
03/08/2022	21:45:00 - 22:00:00	48	35	35	26	31	0.3	184	1.2	74	991.2
03/08/2022	22:00:00 - 22:15:00	46	34	28	25	30	0.4	191	1.3	73	991.3
03/08/2022	22:15:00 - 22:30:00	45	33	27	25	28	0.4	185	1.4	71	991.2
03/08/2022	22:30:00 - 22:45:00	45	31	27	23	28	0.3	170	1.3	71	991.1
03/08/2022	22:45:00 - 23:00:00	46	32	28	24	29	0.2	157	1.3	73	990.8
03/08/2022	23:00:00 - 23:15:00	46	33	29	26	30	0.2	183	1.3	75	990.6
03/08/2022	23:15:00 - 23:30:00	46	33	29	26	30	0.3	155	1.0	75	990.4
03/08/2022	23:30:00 - 23:45:00	46	34	29	26	31	0.2	124	0.7	76	990.2
03/09/2022	23:45:00 - 00:00:00	47	36	30	26	32	0.4	88	0.1	78	989.9

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

Appendix A: Complete Preliminary Data Record

3/2/2022																				
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	NA	NA	817	0.1	920	0.0	1005	0.1	1120	0.0	1206	0.0	1306	0.0	1408	0.0	1505	0.0	NA	NA
SAM-2	NA	NA	812	0.0	916	0.0	1001	0.0	1116	0.0	1201	0.1	1302	0.0	1402	0.0	1501	0.0	NA	NA
SAM-3	NA	NA	828	0.0	929	0.0	1013	0.0	1128	0.1	1212	0.1	1320	0.0	1418	0.0	1513	0.0	NA	NA
SAM-4	NA	NA	821	0.0	923	0.0	1008	0.0	1123	0.1	1207	0.0	1311	0.0	1412	0.0	1508	0.0	NA	NA
IMPL-A	NA	NA	810	0.0	915	0.1	1000	0.0	1115	0.1	1200	0.1	1300	0.0	1400	0.0	1500	0.0	NA	NA
IMPL-B	NA	NA	813	0.0	917	0.1	1002	0.0	1117	0.1	1202	0.1	1303	0.0	1403	0.0	1502	0.0	NA	NA
IMPL-C	NA	NA	814	0.1	918	0.1	1003	0.0	1118	0.0	1203	0.1	1304	0.0	1404	0.0	1503	0.0	NA	NA
IMPL-D	NA	NA	815	0.1	919	0.1	1004	0.0	1119	0.0	1205	0.1	1304	0.0	1406	0.0	1504	0.0	NA	NA
IMPL-E	NA	NA	818	0.1	921	0.1	1006	0.0	1121	0.0	1205	0.1	1308	0.0	1410	0.0	1506	0.0	NA	NA
IMPL-F	NA	NA	820	0.1	922	0.0	1007	0.1	1122	0.1	1206	0.1	1310	0.0	1411	0.0	1507	0.0	NA	NA
IMPL-G	NA	NA	822	0.1	924	0.0	1009	0.0	1124	0.1	1208	0.1	1312	0.0	1413	0.0	1509	0.0	NA	NA
IMPL-H	NA	NA	823	0.1	925	0.0	1010	0.0	1125	0.1	1209	0.1	1313	0.0	1414	0.0	1510	0.0	NA	NA
IMPL-I	NA	NA	824	0.1	926	0.0	1011	0.0	1126	0.1	1210	0.1	1314	0.0	1415	0.0	1511	0.0	NA	NA
IMPL-J	NA	NA	826	0.1	927	0.0	1012	0.0	1127	0.1	1211	0.1	1316	0.0	1416	0.0	1512	0.0	NA	NA
IMPL-K	NA	NA	829	0.1	930	0.0	1014	0.1	1129	0.1	1213	0.2	1322	0.0	1419	0.0	1514	0.0	NA	NA
IMPL-L	NA	NA	830	0.0	931	0.2	1015	0.0	1130	0.0	1214	0.1	1323	0.0	1420	0.0	1515	0.0	NA	NA

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Excavation stopped at 4:00 pm

3/3/2022																				
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	736	0.0	807	0.0	920	0.0	1005	0.0	1105	0.0	1206	0.0	1306	0.0	1408	0.0	1505	0.0	NA	NA
SAM-2	732	0.0	802	0.0	916	0.1	1001	0.0	1101	0.0	1201	0.0	1302	0.0	1402	0.0	1501	0.0	NA	NA
SAM-3	744	0.0	818	0.0	929	0.0	1013	0.0	1113	0.0	1212	0.0	1320	0.0	1418	0.0	1513	0.0	NA	NA
SAM-4	739	0.1	811	0.0	923	0.0	1008	0.0	1108	0.0	1207	0.0	1311	0.0	1412	0.0	1508	0.0	NA	NA
IMPL-A	730	0.0	800	0.0	915	0.1	1000	0.0	1100	0.0	1200	0.0	1300	0.0	1400	0.0	1500	0.0	NA	NA
IMPL-B	733	0.0	803	0.0	917	0.1	1002	0.0	1102	0.0	1202	0.0	1303	0.0	1403	0.0	1502	0.0	NA	NA
IMPL-C	734	0.0	804	0.0	918	0.1	1003	0.0	1103	0.0	1203	0.0	1304	0.0	1404	0.0	1503	0.0	NA	NA
IMPL-D	735	0.0	805	0.0	919	0.1	1004	0.0	1104	0.0	1205	0.0	1304	0.0	1406	0.0	1504	0.0	NA	NA
IMPL-E	737	0.0	808	0.0	921	0.1	1006	0.0	1106	0.0	1205	0.0	1308	0.0	1410	0.0	1506	0.0	NA	NA
IMPL-F	738	0.3	810	0.2	922	0.2	1007	0.0	1107	0.1	1206	0.0	1310	0.1	1411	0.0	1507	0.0	NA	NA
IMPL-G	740	0.1	812	0.2	924	0.2	1009	0.0	1109	0.0	1208	0.0	1312	0.0	1413	0.0	1509	0.0	NA	NA
IMPL-H	741	0.0	813	0.2	925	0.2	1010	0.0	1110	0.0	1209	0.0	1313	0.0	1414	0.0	1510	0.0	NA	NA
IMPL-I	742	0.0	814	0.0	926	0.1	1011	0.0	1111	0.0	1210	0.0	1314	0.0	1415	0.0	1511	0.0	NA	NA
IMPL-J	743	0.0	816	0.0	927	0.1	1012	0.0	1112	0.0	1211	0.0	1316	0.0	1416	0.0	1512	0.0	NA	NA
IMPL-K	745	0.0	819	0.0	930	0.1	1014	0.0	1114	0.0	1213	0.0	1322	0.0	1419	0.0	1514	0.0	NA	NA
IMPL-L	746	0.0	820	0.0	931	0.1	1015	0.0	1115	0.0	1214	0.0	1323	0.0	1420	0.0	1515	0.0	NA	NA

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Excavation stopped at 4:00 pm

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

Appendix A: Complete Preliminary Data Record

3/4/2022																				
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	NA	NA	827	0.0	935	0.0	1005	0.0	1105	0.0	1206	0.0	1306	0.0	1408	0.0	1505	0.0	NA	NA
SAM-2	NA	NA	822	0.0	931	0.0	1001	0.0	1101	0.0	1201	0.0	1302	0.0	1402	0.0	1501	0.0	NA	NA
SAM-3	NA	NA	838	0.0	944	0.0	1013	0.0	1113	0.0	1212	0.0	1320	0.0	1418	0.0	1513	0.0	NA	NA
SAM-4	NA	NA	831	0.0	938	0.0	1008	0.0	1108	0.0	1207	0.0	1311	0.0	1412	0.0	1508	0.0	NA	NA
IMPL-A	NA	NA	820	0.0	930	0.0	1000	0.0	1100	0.0	1200	0.0	1300	0.0	1400	0.0	1500	0.0	NA	NA
IMPL-B	NA	NA	823	0.0	932	0.0	1002	0.0	1102	0.0	1202	0.0	1303	0.0	1403	0.0	1502	0.0	NA	NA
IMPL-C	NA	NA	824	0.0	933	0.0	1003	0.0	1103	0.0	1203	0.0	1304	0.0	1404	0.0	1503	0.0	NA	NA
IMPL-D	NA	NA	825	0.0	934	0.0	1004	0.0	1104	0.0	1205	0.0	1304	0.0	1406	0.0	1504	0.0	NA	NA
IMPL-E	NA	NA	828	0.0	936	0.0	1006	0.0	1106	0.0	1205	0.0	1308	0.0	1410	0.0	1506	0.0	NA	NA
IMPL-F	NA	NA	830	0.0	937	0.0	1007	0.0	1107	0.0	1206	0.0	1310	0.0	1411	0.0	1507	0.0	NA	NA
IMPL-G	NA	NA	832	0.0	939	0.0	1009	0.0	1109	0.0	1208	0.0	1312	0.0	1413	0.0	1509	0.0	NA	NA
IMPL-H	NA	NA	833	0.0	940	0.0	1010	0.0	1110	0.1	1209	0.0	1313	0.0	1414	0.0	1510	0.0	NA	NA
IMPL-I	NA	NA	834	0.0	941	0.0	1011	0.0	1111	0.1	1210	0.0	1314	0.0	1415	0.0	1511	0.0	NA	NA
IMPL-J	NA	NA	836	0.0	942	0.0	1012	0.0	1112	0.1	1211	0.0	1316	0.0	1416	0.0	1512	0.0	NA	NA
IMPL-K	NA	NA	839	0.0	945	0.0	1014	0.0	1114	0.1	1213	0.0	1322	0.0	1419	0.0	1514	0.0	NA	NA
IMPL-L	NA	NA	840	0.0	946	0.0	1015	0.0	1115	0.0	1214	0.0	1323	0.0	1420	0.0	1515	0.0	NA	NA

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Excavation stopped at 4:00 pm

3/7/2022																				
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	0700	0.0	0800	0.0	0900	0.0	1000	0.0	1100	0.0	1215	0.0	1345	0.0	1500	0.0	1600	0.0	NA	NA
SAM-2	0708	0.0	0808	0.0	0907	0.0	1009	0.0	1108	0.0	1221	0.0	1353	0.0	1508	0.0	1610	0.0	NA	NA
SAM-3	0704	0.0	0804	0.0	0901	0.0	1004	0.0	1104	0.0	1217	0.0	1349	0.0	1504	0.0	1605	0.0	NA	NA
SAM-4	0702	0.0	0802	0.0	0903	0.0	1002	0.0	1102	0.0	1216	0.0	1347	0.0	1502	0.0	1603	0.0	NA	NA
IMPL-A	0709	0.0	0809	0.0	0908	0.0	1010	0.0	1109	0.0	1222	0.0	1354	0.0	1509	0.0	1611	0.0	NA	NA
IMPL-B	0710	0.0	0810	0.0	0909	0.0	1011	0.0	1110	0.0	1223	0.0	1355	0.0	1510	0.0	1612	0.0	NA	NA
IMPL-C	0711	0.0	0811	0.0	0910	0.0	1012	0.0	1111	0.0	1224	0.0	1356	0.0	1511	0.0	1613	0.0	NA	NA
IMPL-D	0712	0.0	0812	0.0	0911	0.0	1013	0.0	1112	0.0	1225	0.0	1357	0.0	1512	0.0	1614	0.0	NA	NA
IMPL-E	0713	0.0	0813	0.0	0912	0.0	1014	0.0	1113	0.0	1226	0.0	1358	0.0	1513	0.0	1615	0.0	NA	NA
IMPL-F	0714	0.0	0814	0.0	0913	0.0	1015	0.0	1114	0.0	1227	0.0	1359	0.0	1514	0.0	1616	0.0	NA	NA
IMPL-G	0715	0.0	0815	0.0	0914	0.0	1016	0.0	1115	0.0	1228	0.0	1400	0.0	1515	0.0	1617	0.0	NA	NA
IMPL-H	0716	0.0	0816	0.0	0915	0.0	1017	0.0	1116	0.0	1229	0.0	1401	0.0	1516	0.0	1618	0.0	NA	NA
IMPL-I	0717	0.0	0817	0.0	0916	0.0	1018	0.0	1117	0.0	1230	0.0	1402	0.0	1517	0.0	1619	0.0	NA	NA
IMPL-J	0718	0.0	0818	0.0	0917	0.0	1019	0.0	1118	0.0	1231	0.0	1403	0.0	1518	0.0	1620	0.0	NA	NA
IMPL-K	0719	0.0	0819	0.0	0918	0.0	1020	0.0	1119	0.0	1232	0.0	1404	0.0	1519	0.0	1621	0.0	NA	NA
IMPL-L	0720	0.0	0820	0.0	0919	0.0	1021	0.0	1120	0.0	1233	0.0	1405	0.0	1520	0.0	1622	0.0	NA	NA

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

3/8/2022																				
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	0700	0.0	0800	0.0	0900	0.0	1045	0.0	1215	0.0	1330	0.0	1445	0.0	NA	NA	NA	NA	NA	NA
SAM-2	0708	0.0	0808	0.0	0908	0.0	1053	0.0	1223	0.0	1338	0.0	1453	0.0	NA	NA	NA	NA	NA	NA
SAM-3	0704	0.0	0804	0.0	0904	0.0	1049	0.0	1219	0.0	1334	0.0	1449	0.0	NA	NA	NA	NA	NA	NA
SAM-4	0702	0.0	0802	0.0	0902	0.0	1047	0.0	1217	0.0	1332	0.0	1447	0.0	NA	NA	NA	NA	NA	NA
IMPL-A	0709	0.0	0809	0.0	0909	0.0	1054	0.0	1224	0.0	1339	0.0	1454	0.0	NA	NA	NA	NA	NA	NA
IMPL-B	0710	0.0	0810	0.0	0910	0.0	1055	0.0	1225	0.0	1340	0.0	1455	0.0	NA	NA	NA	NA	NA	NA
IMPL-C	0711	0.0	0811	0.0	0911	0.0	1056	0.0	1226	0.0	1341	0.0	1456	0.0	NA	NA	NA	NA	NA	NA
IMPL-D	0712	0.0	0812	0.0	0912	0.0	1057	0.0	1227	0.0	1342	0.0	1457	0.0	NA	NA	NA	NA	NA	NA
IMPL-E	0713	0.0	0813	0.0	0913	0.0	1058	0.0	1228	0.0	1343	0.0	1458	0.0	NA	NA	NA	NA	NA	NA
IMPL-F	0714	0.0	0814	0.0	0914	0.0	1059	0.0	1229	0.0	1344	0.0	1459	0.0	NA	NA	NA	NA	NA	NA
IMPL-G	0715	0.0	0815	0.0	0915	0.0	1100	0.0	1230	0.0	1345	0.0	1500	0.0	NA	NA	NA	NA	NA	NA
IMPL-H	0716	0.0	0816	0.0	0916	0.0	1101	0.0	1231	0.0	1346	0.0	1501	0.0	NA	NA	NA	NA	NA	NA
IMPL-I	0717	0.0	0817	0.0	0917	0.0	1102	0.0	1232	0.0	1347	0.0	1502	0.0	NA	NA	NA	NA	NA	NA
IMPL-J	0718	0.0	0818	0.0	0918	0.0	1103	0.0	1233	0.0	1348	0.0	1503	0.0	NA	NA	NA	NA	NA	NA
IMPL-K	0719	0.0	0819	0.0	0919	0.0	1104	0.0	1234	0.0	1349	0.0	1504	0.0	NA	NA	NA	NA	NA	NA
IMPL-L	0720	0.0	0820	0.0	0920	0.0	1105	0.0	1235	0.0	1350	0.0	1505	0.0	NA	NA	NA	NA	NA	NA

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Excavation stopped at 4:00 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	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg	1.2		Naphthalene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	2-Methylnaphthalene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	2-Chloronaphthalene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Acenaphthylene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Acenaphthene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Fluorene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Phenanthrene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Anthracene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Fluoranthene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Pyrene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Chrysene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Benzo(a)anthracene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Benzo(b)fluoranthene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Benzo(k)fluoranthene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Benzo(a)pyrene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	%R	91		Fluorene-d10
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	%R	113		Pyrene-d10
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	%R	106		Benzo(a)pyrene-d12
TO-13A	20220221-23-SE-SAM1	02/21/2022 07:55	02/23/2022 07:59	%R	86		Fluoranthene-d10
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Naphthalene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	2-Methylnaphthalene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	2-Chloronaphthalene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Acenaphthylene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Acenaphthene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Fluorene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Phenanthrene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Anthracene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Fluoranthene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Pyrene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Chrysene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Benzo(a)anthracene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Benzo(b)fluoranthene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Benzo(k)fluoranthene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Benzo(a)pyrene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	%R	82		Fluorene-d10
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	%R	105		Pyrene-d10
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	%R	99		Benzo(a)pyrene-d12
TO-13A	20220221-23-NE-SAM2	02/21/2022 07:45	02/23/2022 07:53	%R	79		Fluoranthene-d10
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg	1.1		Naphthalene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	2-Methylnaphthalene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	2-Chloronaphthalene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Acenaphthylene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Acenaphthene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Fluorene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Phenanthrene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Anthracene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Fluoranthene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Pyrene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Chrysene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Benzo(a)anthracene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	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	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Benzo(k)fluoranthene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Benzo(a)pyrene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	%R	77		Fluorene-d10
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	%R	99		Pyrene-d10
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	%R	88		Benzo(a)pyrene-d12
TO-13A	20220221-23-SE-SAM3	02/21/2022 07:55	02/23/2022 07:47	%R	74		Fluoranthene-d10
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg	4.2		Naphthalene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	2-Methylnaphthalene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	2-Chloronaphthalene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Acenaphthylene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Acenaphthene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Fluorene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Phenanthrene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Anthracene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Fluoranthene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Pyrene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Chrysene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Benzo(a)anthracene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Benzo(b)fluoranthene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Benzo(k)fluoranthene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Benzo(a)pyrene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	%R	89		Fluorene-d10
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	%R	103		Pyrene-d10
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	%R	100		Benzo(a)pyrene-d12
TO-13A	20220221-23-NW-SAM4	02/21/2022 08:15	02/23/2022 08:16	%R	85		Fluoranthene-d10
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Naphthalene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	2-Methylnaphthalene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	2-Chloronaphthalene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Acenaphthylene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Acenaphthene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Fluorene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Phenanthrene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Anthracene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Fluoranthene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Pyrene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Chrysene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Benzo(a)anthracene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Benzo(b)fluoranthene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Benzo(k)fluoranthene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Benzo(a)pyrene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	%R	87		Fluorene-d10
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	%R	112		Pyrene-d10
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	%R	107		Benzo(a)pyrene-d12
TO-13A	20220221-23-SW-SAM5	02/21/2022 08:48	02/23/2022 08:07	%R	85		Fluoranthene-d10
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Naphthalene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	2-Methylnaphthalene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	2-Chloronaphthalene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Acenaphthylene

Appendix B: Complete Preliminary Lab Result Data

Method	Sample			Units	Results	Data Flags	Compound Name
	ID	Start Date/Time	End Date/Time				
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Acenaphthene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Fluorene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Phenanthrene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Anthracene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Fluoranthene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Pyrene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Chrysene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Benzo(a)anthracene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Benzo(b)fluoranthene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Benzo(k)fluoranthene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Benzo(a)pyrene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Dibenz(a,h)anthracene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	UG		ND	Benzo(g,h,i)perylene
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	%R	80		Fluorene-d10
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	%R	97		Pyrene-d10
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	%R	98		Benzo(a)pyrene-d12
TO-13A	20220221-23-SAM6	02/21/2022 09:00	02/23/2022 08:15	%R	77		Fluoranthene-d10

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

N - The identification is based on presumptive evidence.

Appendix B: Complete Preliminary Lab Result Data

Method	Sample			Units	Results	Data Flags	Compound Name
	ID	Start Date/Time	End Date/Time				
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg	3.9		Naphthalene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	2-Methylnaphthalene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	2-Chloronaphthalene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Acenaphthylene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Acenaphthene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Fluorene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Phenanthrene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Anthracene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Fluoranthene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Pyrene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Chrysene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Benzo(a)anthracene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Benzo(b)fluoranthene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Benzo(k)fluoranthene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Benzo(a)pyrene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	%R	79		Fluorene-d10
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	%R	98		Pyrene-d10
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	%R	87		Benzo(a)pyrene-d12
TO-13A	20220223-25-SE-SAM1	02/23/2022 09:00	02/25/2022 09:40	%R	75		Fluoranthene-d10
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Naphthalene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	2-Methylnaphthalene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	2-Chloronaphthalene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Acenaphthylene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Acenaphthene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Fluorene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Phenanthrene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Anthracene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Fluoranthene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Pyrene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Chrysene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Benzo(a)anthracene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Benzo(b)fluoranthene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Benzo(k)fluoranthene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Benzo(a)pyrene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	%R	98		Fluorene-d10
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	%R	109		Pyrene-d10
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	%R	106		Benzo(a)pyrene-d12
TO-13A	20220223-25-NE-SAM2	02/23/2022 08:46	02/25/2022 09:31	%R	87		Fluoranthene-d10
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg	3.6		Naphthalene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	2-Methylnaphthalene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	2-Chloronaphthalene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Acenaphthylene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Acenaphthene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Fluorene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Phenanthrene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Anthracene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Fluoranthene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Pyrene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Chrysene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Benzo(a)anthracene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	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	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Benzo(k)fluoranthene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Benzo(a)pyrene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	%R	83		Fluorene-d10
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	%R	88		Pyrene-d10
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	%R	87		Benzo(a)pyrene-d12
TO-13A	20220223-25-SE-SAM3	02/23/2022 08:58	02/25/2022 09:35	%R	76		Fluoranthene-d10
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg	4.4		Naphthalene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	2-Methylnaphthalene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	2-Chloronaphthalene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Acenaphthylene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Acenaphthene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Fluorene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Phenanthrene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Anthracene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Fluoranthene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Pyrene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Chrysene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Benzo(a)anthracene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Benzo(b)fluoranthene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Benzo(k)fluoranthene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Benzo(a)pyrene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	%R	94		Fluorene-d10
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	%R	101		Pyrene-d10
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	%R	105		Benzo(a)pyrene-d12
TO-13A	20220223-25-NW-SAM4	02/23/2022 09:11	02/25/2022 09:54	%R	82		Fluoranthene-d10
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg	8.9		Naphthalene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg	1.8		2-Methylnaphthalene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	2-Chloronaphthalene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Acenaphthylene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Acenaphthene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Fluorene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Phenanthrene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Anthracene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Fluoranthene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Pyrene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Chrysene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Benzo(a)anthracene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Benzo(b)fluoranthene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Benzo(k)fluoranthene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Benzo(a)pyrene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	%R	94		Fluorene-d10
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	%R	118		Pyrene-d10
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	%R	100		Benzo(a)pyrene-d12
TO-13A	20220223-25-SW-SAM5	02/23/2022 09:05	02/25/2022 09:48	%R	94		Fluoranthene-d10
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Naphthalene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	2-Methylnaphthalene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	2-Chloronaphthalene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Acenaphthylene

Appendix B: Complete Preliminary Lab Result Data

Method	Sample			Units	Results	Data Flags	Compound Name
	ID	Start Date/Time	End Date/Time				
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Acenaphthene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Fluorene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Phenanthrene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Anthracene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Fluoranthene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Pyrene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Chrysene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Benzo(a)anthracene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Benzo(b)fluoranthene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Benzo(k)fluoranthene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Benzo(a)pyrene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	%R	87		Fluorene-d10
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	%R	110		Pyrene-d10
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	%R	108		Benzo(a)pyrene-d12
TO-13A	20220223-25-SAM6	02/23/2022 09:12	02/25/2022 10:12	%R	86		Fluoranthene-d10

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.

Appendix B. Complete Preliminary Lab Result Data

METHOD	Sample		Units	Results	Data Flags	Compound Name
	CLIENTSAMPID	Start Date/Time				
EPA 325	202209-23-SE-SAM1	2/9/2022 8:33	UG	0.21	U	Styrene
EPA 325	202209-23-SE-SAM1	2/9/2022 8:33	UG	0.61		Benzene
EPA 325	202209-23-SE-SAM1	2/9/2022 8:33	UG	0.43	J	Toluene
EPA 325	202209-23-SE-SAM1	2/9/2022 8:33	UG	0.28	U	Ethyl Benzene
EPA 325	202209-23-SE-SAM1	2/9/2022 8:33	UG	0.28	U	m,p-Xylene
EPA 325	202209-23-SE-SAM1	2/9/2022 8:33	UG	0.28	U	o-Xylene
EPA 325	202209-23-NE-SAM2	2/9/2022 8:23	UG	0.21	U	Styrene
EPA 325	202209-23-NE-SAM2	2/9/2022 8:23	UG	0.70		Benzene
EPA 325	202209-23-NE-SAM2	2/9/2022 8:23	UG	0.57		Toluene
EPA 325	202209-23-NE-SAM2	2/9/2022 8:23	UG	0.28	U	Ethyl Benzene
EPA 325	202209-23-NE-SAM2	2/9/2022 8:23	UG	0.28	U	m,p-Xylene
EPA 325	202209-23-NE-SAM2	2/9/2022 8:23	UG	0.28	U	o-Xylene
EPA 325	202209-23-SE-SAM3	2/9/2022 8:30	UG	0.21	U	Styrene
EPA 325	202209-23-SE-SAM3	2/9/2022 8:30	UG	0.68		Benzene
EPA 325	202209-23-SE-SAM3	2/9/2022 8:30	UG	0.40	J	Toluene
EPA 325	202209-23-SE-SAM3	2/9/2022 8:30	UG	0.28	U	Ethyl Benzene
EPA 325	202209-23-SE-SAM3	2/9/2022 8:30	UG	0.28	U	m,p-Xylene
EPA 325	202209-23-SE-SAM3	2/9/2022 8:30	UG	0.28	U	o-Xylene
EPA 325	202209-23-NW-SAM4	2/9/2022 8:45	UG	0.21	U	Styrene
EPA 325	202209-23-NW-SAM4	2/9/2022 8:45	UG	0.79		Benzene
EPA 325	202209-23-NW-SAM4	2/9/2022 8:45	UG	0.67		Toluene
EPA 325	202209-23-NW-SAM4	2/9/2022 8:45	UG	0.28	U	Ethyl Benzene
EPA 325	202209-23-NW-SAM4	2/9/2022 8:45	UG	0.28	U	m,p-Xylene
EPA 325	202209-23-NW-SAM4	2/9/2022 8:45	UG	0.28	U	o-Xylene
EPA 325	202209-23-SW-SAM5	2/9/2022 8:39	UG	0.21	U	Styrene
EPA 325	202209-23-SW-SAM5	2/9/2022 8:39	UG	0.62		Benzene
EPA 325	202209-23-SW-SAM5	2/9/2022 8:39	UG	0.40	J	Toluene
EPA 325	202209-23-SW-SAM5	2/9/2022 8:39	UG	0.28	U	Ethyl Benzene
EPA 325	202209-23-SW-SAM5	2/9/2022 8:39	UG	0.28	U	m,p-Xylene
EPA 325	202209-23-SW-SAM5	2/9/2022 8:39	UG	0.28	U	o-Xylene
EPA 325	202209-23-SAM6	2/9/2022 8:46	UG	0.21	U	Styrene
EPA 325	202209-23-SAM6	2/9/2022 8:46	UG	0.19	U	Benzene
EPA 325	202209-23-SAM6	2/9/2022 8:46	UG	0.25	U	Toluene
EPA 325	202209-23-SAM6	2/9/2022 8:46	UG	0.28	U	Ethyl Benzene
EPA 325	202209-23-SAM6	2/9/2022 8:46	UG	0.28	U	m,p-Xylene
EPA 325	202209-23-SAM6	2/9/2022 8:46	UG	0.28	U	o-Xylene

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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