

Ameren Champaign MGP - Fifth Street

Weekly Air Monitoring Report

9 May 2022

Project No.: 0529307

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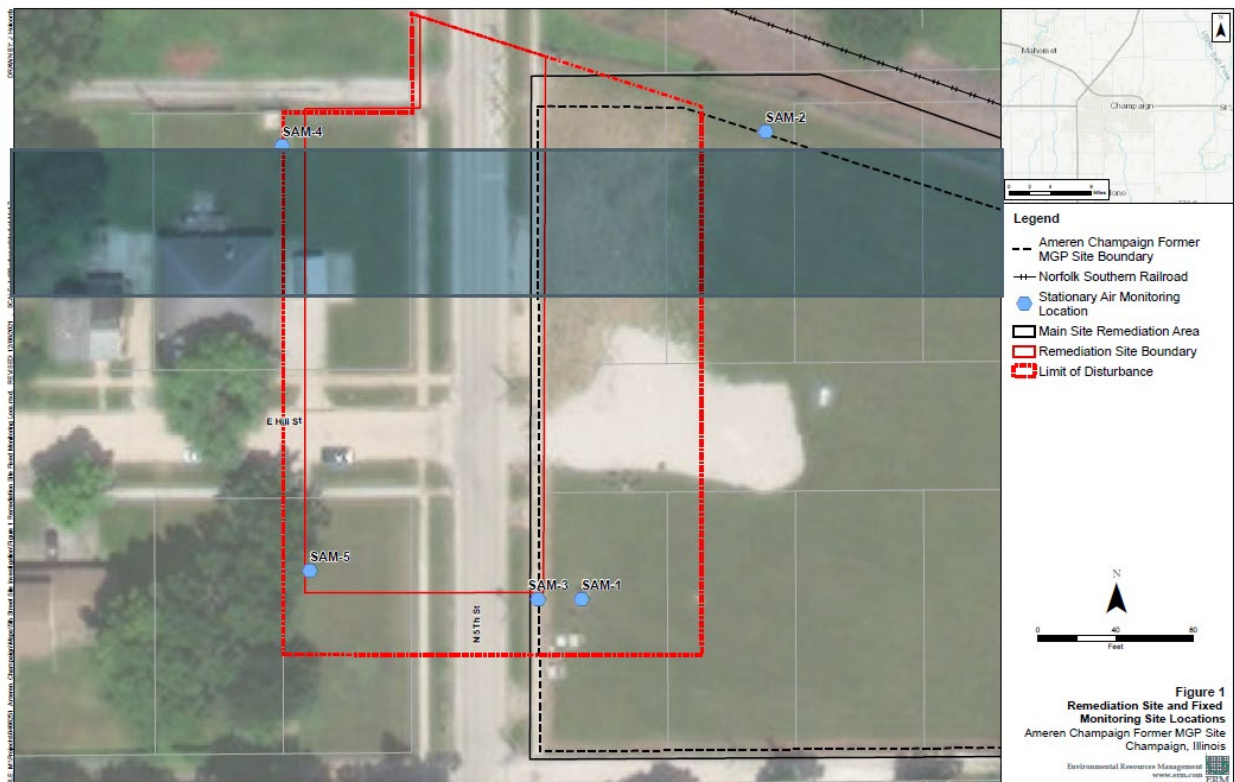
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1. INTRODUCTION

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 April 27, 2022 through May 2, 2022. Site remediation was completed on April 28, 2022. Real-time ambient air quality and meteorological data collection continued up until May 2, 2022 and VOC measurements were decreased to twice daily during post remediation. The laboratory results that are presented were collected between April 6 and April 22, 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, $\mu\text{g}/\text{m}^3$)	4/27/2022 – 5/2/2022	0	193	360
VOC (1-minute average, ppm)	4/27/2022 – 5/3/2022	0	0.0	0.5
Benzene, Real-time GC (1-minute average $\mu\text{g}/\text{m}^3$)	4/27/2022 – 5/3/2022	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, $\mu\text{g}/\text{m}^3$)	4/6/2022 – 4/20/2022	0	0.20	205,000
Benzene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$)	4/6/2022 – 4/20/2022	0	0.88	16.5
Toluene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$)	4/6/2022 – 4/20/2022	0	1.4	23,400
Xylenes (total), Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$)	4/6/2022 – 4/20/2022	0	0.65	41,000
Ethylbenzene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$)	4/6/2022 – 4/20/2022	0	0.28	59,400
2-methylnaphthalene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/13/2022 – 4/22/2022	0	ND	820
Acenaphthene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/13/2022 – 4/22/2022	0	ND	12,300
Acenaphthylene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/13/2022 – 4/22/2022	0	ND	615
Anthracene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/13/2022 – 4/22/2022	0	ND	615
Benzo(a)anthracene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/13/2022 – 4/22/2022	0	ND	1.54
Benzo(a)pyrene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$)	4/13/2022 – 4/22/2022	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, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	15.4
Benzo(b)fluoranthene, Method TO-13A (3-day sample period, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	15.4
Chrysene, Method TO-13A (3-day sample period, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	154
Dibenzo(a,h)anthracene, Method TO-13A (3-day sample period, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	0.154
Fluoranthene, Method TO-13A (3-day sample period, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	8,200
Fluorene, Method TO-13A (3-day sample period, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	8,200
Indeno(1,2,3-cd)pyrene, Method TO-13A (3-day sample period, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	1.54
Napthalene, Method TO-13A (3-day sample period, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	176
Phenanthrene, Method TO-13A (3-day sample period, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	6,150
Pyrene, Method TO-13A (3-day sample period, µg/m ³)	4/13/2022 – 4/22/2022	0	ND	6,150

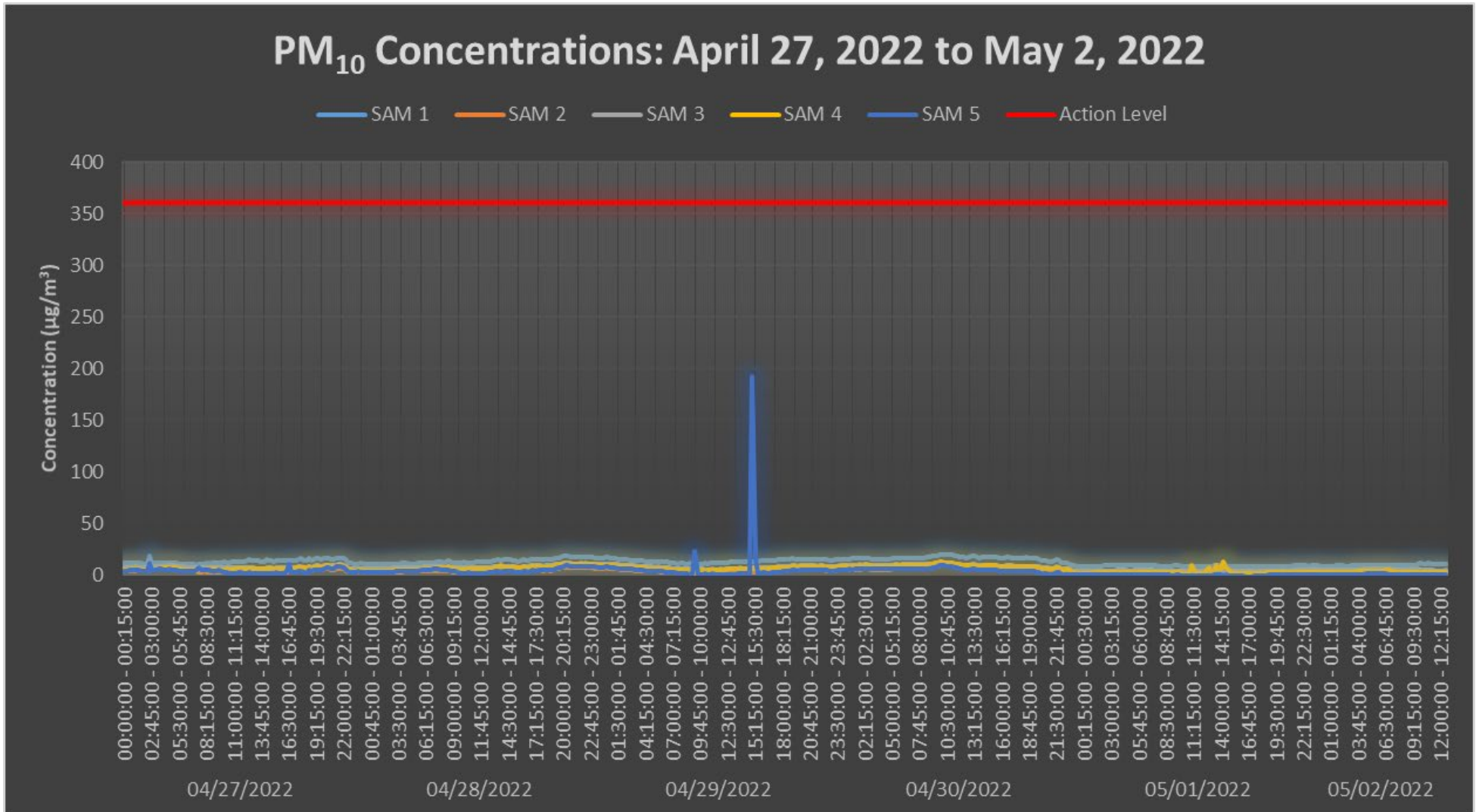
Data presented have yet to be fully quality-assured; final values may vary of these preliminary results once all quality control measures have been applied.

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. 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 (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. [° Celcius]	Relative Humidity [%]	Barometric Pressure [mb]
04/27/2022	00:00:00 - 00:15:00	12	4	7	5	4	0.8	281	7.0	61	999.6
04/27/2022	00:15:00 - 00:30:00	11	4	7	5	4	0.7	281	6.7	61	999.5
04/27/2022	00:30:00 - 00:45:00	11	4	7	5	5	0.7	303	6.5	63	999.7
04/27/2022	00:45:00 - 01:00:00	12	4	8	6	5	0.6	325	6.0	66	999.8
04/27/2022	01:00:00 - 01:15:00	12	4	8	6	5	0.6	279	5.5	68	999.7
04/27/2022	01:15:00 - 01:30:00	12	5	8	6	4	0.6	285	5.5	68	999.6
04/27/2022	01:30:00 - 01:45:00	11	5	8	6	4	0.4	335	5.7	67	999.6
04/27/2022	01:45:00 - 02:00:00	11	5	7	5	4	1.0	1	5.9	66	999.6
04/27/2022	02:00:00 - 02:15:00	11	4	7	5	4	1.1	3	5.9	66	999.6
04/27/2022	02:15:00 - 02:30:00	11	4	7	5	4	0.8	12	5.3	69	999.5
04/27/2022	02:30:00 - 02:45:00	19	6	13	6	12	0.7	30	4.7	71	999.3
04/27/2022	02:45:00 - 03:00:00	11	4	7	5	4	0.6	2	4.5	72	999.4
04/27/2022	03:00:00 - 03:15:00	11	4	8	5	4	1.7	51	4.3	72	999.4
04/27/2022	03:15:00 - 03:30:00	12	6	8	6	5	1.6	53	3.7	75	999.5
04/27/2022	03:30:00 - 03:45:00	12	6	8	6	6	1.4	63	3.2	78	999.4
04/27/2022	03:45:00 - 04:00:00	12	6	8	7	5	1.4	66	2.9	78	999.3
04/27/2022	04:00:00 - 04:15:00	12	7	8	7	5	1.7	66	2.7	79	999.4
04/27/2022	04:15:00 - 04:30:00	12	6	9	7	5	1.9	73	2.6	79	999.6
04/27/2022	04:30:00 - 04:45:00	12	6	9	7	6	2.2	72	2.5	80	999.6
04/27/2022	04:45:00 - 05:00:00	12	6	9	7	5	2.1	73	2.3	80	999.7
04/27/2022	05:00:00 - 05:15:00	12	6	9	7	5	1.6	72	2.1	80	999.8
04/27/2022	05:15:00 - 05:30:00	12	5	8	7	5	1.7	78	2.0	80	999.8
04/27/2022	05:30:00 - 05:45:00	11	5	8	6	4	2.1	88	2.0	78	999.9
04/27/2022	05:45:00 - 06:00:00	11	5	8	5	4	2.5	85	1.9	77	999.9
04/27/2022	06:00:00 - 06:15:00	10	5	8	5	4	1.8	86	1.8	77	1000.0
04/27/2022	06:15:00 - 06:30:00	10	4	7	5	3	2.0	82	1.9	77	1000.1
04/27/2022	06:30:00 - 06:45:00	10	4	7	5	3	2.2	85	2.1	76	1000.1
04/27/2022	06:45:00 - 07:00:00	10	4	7	5	4	2.2	79	2.4	75	1000.2
04/27/2022	07:00:00 - 07:15:00	10	4	7	5	4	2.0	88	2.8	74	1000.3
04/27/2022	07:15:00 - 07:30:00	10	3	7	4	5	3.2	85	3.1	72	1000.4
04/27/2022	07:30:00 - 07:45:00	10	3	7	5	7	2.6	96	3.7	71	1000.5
04/27/2022	07:45:00 - 08:00:00	10	3	7	5	4	3.0	84	3.9	70	1000.7
04/27/2022	08:00:00 - 08:15:00	11	3	7	5	4	1.9	98	4.6	69	1001.0
04/27/2022	08:15:00 - 08:30:00	12	3	7	5	4	2.1	103	5.2	67	1001.1
04/27/2022	08:30:00 - 08:45:00	11	3	7	6	5	2.9	85	5.4	67	1001.0
04/27/2022	08:45:00 - 09:00:00	12	3	7	6	4	2	104	6	66	1001
04/27/2022	09:00:00 - 09:15:00	12	3	7	6	4	2	105	6	65	1001
04/27/2022	09:15:00 - 09:30:00	12	3	7	6	4	3	93	7	64	1001
04/27/2022	09:30:00 - 09:45:00	11	2	7	5	5	2	95	7	63	1001
04/27/2022	09:45:00 - 10:00:00	11	2	7	5	4	3	93	8	62	1001
04/27/2022	10:00:00 - 10:15:00	12	2	7	5	3	2	102	8	59	1000
04/27/2022	10:15:00 - 10:30:00	12	2	7	5	2	2	101	9	58	1000
04/27/2022	10:30:00 - 10:45:00	12	2	7	5	1	3	94	9	56	1000
04/27/2022	10:45:00 - 11:00:00	12	3	7	5	2	2	103	10	55	1000
04/27/2022	11:00:00 - 11:15:00	12	3	7	6	2	2.4	101	10.2	55	999.7
04/27/2022	11:15:00 - 11:30:00	13	3	7	6	2	2.6	103	10.7	54	999.6
04/27/2022	11:30:00 - 11:45:00	13	3	7	6	2	2.0	105	11.4	52	999.4
04/27/2022	11:45:00 - 12:00:00	13	3	7	5	3	2.4	105	11.9	52	999.2
04/27/2022	12:00:00 - 12:15:00	13	3	7	6	1	1.0	134	12.8	49	999.0
04/27/2022	12:15:00 - 12:30:00	14	3	7	6	1	1.3	138	13.7	48	998.8
04/27/2022	12:30:00 - 12:45:00	15	4	7	6	2	1.2	135	14.0	46	998.6
04/27/2022	12:45:00 - 13:00:00	14	4	7	6	2	1.2	166	14.7	45	998.4
04/27/2022	13:00:00 - 13:15:00	14	4	7	6	2	1.1	198	15.0	45	998.2
04/27/2022	13:15:00 - 13:30:00	13	3	6	6	1	1.2	177	15.2	44	998.0
04/27/2022	13:30:00 - 13:45:00	14	3	6	6	1	1.1	148	15.7	44	997.7
04/27/2022	13:45:00 - 14:00:00	13	3	6	6	1	1.3	140	16.1	43	997.4
04/27/2022	14:00:00 - 14:15:00	13	3	6	6	1	1.8	108	16.3	43	997.3
04/27/2022	14:15:00 - 14:30:00	16	3	7	6	2	0.9	183	16.8	41	997.2
04/27/2022	14:30:00 - 14:45:00	14	3	7	6	1	0.5	110	16.7	41	997.0
04/27/2022	14:45:00 - 15:00:00	14	3	7	6	1	0.4	112	17.3	40	996.7
04/27/2022	15:00:00 - 15:15:00	13	3	6	6	1	1.4	114	16.9	41	996.5
04/27/2022	15:15:00 - 15:30:00	14	3	7	6	2	1.7	101	16.6	41	996.2

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM					Meteorological Station				
		Average Conc. [µg/m ³]	Average Conc. [µg/m ³]	Average Conc. [µg/m ³]	Average Conc. [µg/m ³]	Average Conc. [µg/m ³]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/27/2022	15:30:00 - 15:45:00	13	3	7	6	2	2.0	81	16.6	43	996.1
04/27/2022	15:45:00 - 16:00:00	14	4	7	6	2	2.0	85	16.8	42	996.0
04/27/2022	16:00:00 - 16:15:00	14	3	7	6	1	2.8	88	16.9	42	995.7
04/27/2022	16:15:00 - 16:30:00	14	3	7	6	3	2.4	83	17.3	42	995.6
04/27/2022	16:30:00 - 16:45:00	14	3	7	7	11	2.4	107	17.5	41	995.4
04/27/2022	16:45:00 - 17:00:00	14	3	7	6	3	3.5	92	17.3	41	995.2
04/27/2022	17:00:00 - 17:15:00	14	4	7	6	3	3.7	86	17.4	42	994.9
04/27/2022	17:15:00 - 17:30:00	14	4	7	7	3	2.8	106	17.4	41	994.8
04/27/2022	17:30:00 - 17:45:00	15	5	8	7	4	2.6	95	17.6	41	994.6
04/27/2022	17:45:00 - 18:00:00	16	5	8	8	4	3.2	91	17.6	42	994.6
04/27/2022	18:00:00 - 18:15:00	14	4	7	7	2	3.1	90	17.2	43	994.4
04/27/2022	18:15:00 - 18:30:00	13	3	7	6	2	3.3	93	17.1	43	994.2
04/27/2022	18:30:00 - 18:45:00	16	6	9	9	5	3.1	98	16.7	44	994.3
04/27/2022	18:45:00 - 19:00:00	14	4	7	6	4	3.4	99	16.3	44	994.2
04/27/2022	19:00:00 - 19:15:00	15	4	9	7	4	3.5	99	15.9	45	994.1
04/27/2022	19:15:00 - 19:30:00	16	5	9	8	5	3.6	95	15.4	47	994.0
04/27/2022	19:30:00 - 19:45:00	16	5	9	8	5	3.3	87	14.7	51	994.0
04/27/2022	19:45:00 - 20:00:00	15	5	9	7	5	3.2	95	14.2	53	994.1
04/27/2022	20:00:00 - 20:15:00	16	6	9	9	6	3.2	84	13.7	54	994.5
04/27/2022	20:15:00 - 20:30:00	17	6	10	9	7	3.2	90	13.3	55	994.6
04/27/2022	20:30:00 - 20:45:00	16	6	10	9	7	2.8	79	13.1	56	994.9
04/27/2022	20:45:00 - 21:00:00	15	5	9	8	6	3.3	92	12.8	56	995.1
04/27/2022	21:00:00 - 21:15:00	15	5	9	8	6	3.1	85	12.6	56	995.3
04/27/2022	21:15:00 - 21:30:00	16	5	10	9	9	4.1	89	11.8	61	994.9
04/27/2022	21:30:00 - 21:45:00	16	6	10	9	8	2.9	68	11.4	63	995.7
04/27/2022	21:45:00 - 22:00:00	17	6	10	9	8	2.9	78	11.1	64	996.0
04/27/2022	22:00:00 - 22:15:00	16	6	10	8	7	2.9	72	10.7	65	996.2
04/27/2022	22:15:00 - 22:30:00	14	4	8	7	5	3.0	67	10.1	66	996.4
04/27/2022	22:30:00 - 22:45:00	11	2	6	4	2	2.7	60	8.8	68	996.4
04/27/2022	22:45:00 - 23:00:00	11	2	6	4	3	3.4	81	8.7	67	996.2
04/27/2022	23:00:00 - 23:15:00	11	2	6	4	2	3.2	80	8.5	66	996.2
04/27/2022	23:15:00 - 23:30:00	11	2	6	4	3	3.0	77	8.2	67	996.3
04/27/2022	23:30:00 - 23:45:00	11	2	6	5	3	3.0	80	8.0	67	996.5
04/27/2022	23:45:00 - 00:00:00	11	2	6	5	3	3.3	82	8.0	67	996.5
04/28/2022	00:00:00 - 00:15:00	11	2	6	4	3	3.7	80	7.8	67	996.5
04/28/2022	00:15:00 - 00:30:00	10	2	6	4	2	3.5	82	7.7	67	996.6
04/28/2022	00:30:00 - 00:45:00	10	2	6	4	3	3.6	83	7.7	67	996.5
04/28/2022	00:45:00 - 01:00:00	10	2	6	4	2	3.2	80	7.7	68	996.4
04/28/2022	01:00:00 - 01:15:00	10	2	6	4	2	4.1	83	7.5	68	996.4
04/28/2022	01:15:00 - 01:30:00	10	2	6	4	2	3.3	90	7.4	69	996.3
04/28/2022	01:30:00 - 01:45:00	10	2	6	4	2	3.4	93	7.3	69	996.2
04/28/2022	01:45:00 - 02:00:00	10	2	6	4	2	3.7	92	7.3	69	996.0
04/28/2022	02:00:00 - 02:15:00	10	2	6	4	2	3.2	95	7.2	70	996.0
04/28/2022	02:15:00 - 02:30:00	10	2	6	4	2	3.2	90	7.1	70	995.9
04/28/2022	02:30:00 - 02:45:00	10	2	6	4	2	2.9	87	7.0	71	995.9
04/28/2022	02:45:00 - 03:00:00	10	3	6	4	3	3.1	92	7.0	72	995.7
04/28/2022	03:00:00 - 03:15:00	10	3	7	5	3	3.1	97	7.2	71	995.6
04/28/2022	03:15:00 - 03:30:00	11	3	7	5	4	2.7	106	7.3	70	995.6
04/28/2022	03:30:00 - 03:45:00	11	3	7	5	4	2.7	103	7.4	70	995.7
04/28/2022	03:45:00 - 04:00:00	11	3	7	5	4	2.4	106	7.5	70	996
04/28/2022	04:00:00 - 04:15:00	11	3	7	5	4	2.7	100	7.4	70	996
04/28/2022	04:15:00 - 04:30:00	11	3	7	5	4	2.6	107	7.2	71	996
04/28/2022	04:30:00 - 04:45:00	11	3	7	5	4	1.7	119	7.2	72	995
04/28/2022	04:45:00 - 05:00:00	11	3	7	5	4	1.7	116	7.2	73	995
04/28/2022	05:00:00 - 05:15:00	11	3	7	5	4	2.4	108	7.1	73	995
04/28/2022	05:15:00 - 05:30:00	11	4	7	5	4	2.0	117	7.1	74	995
04/28/2022	05:30:00 - 05:45:00	11	4	7	5	4	1.4	139	7.2	74	995
04/28/2022	05:45:00 - 06:00:00	11	4	7	6	4	1.5	139	7.2	74	995
04/28/2022	06:00:00 - 06:15:00	12	4	8	6	4	1.4	124	7.2	75	996
04/28/2022	06:15:00 - 06:30:00	12	4	8	6	5	1.6	128	7.2	75	996
04/28/2022	06:30:00 - 06:45:00	12	4	8	6	5	1.6	121	7.3	75	996
04/28/2022	06:45:00 - 07:00:00	12	4	8	6	5	1.6	136	7.5	74	996

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]
04/28/2022	07:00:00 - 07:15:00	12	4	8	6	5	1.8	137	7.9	74	996
04/28/2022	07:15:00 - 07:30:00	12	4	8	7	5	2.0	143	8.1	73	996
04/28/2022	07:30:00 - 07:45:00	12	4	8	7	6	1.9	147	8.5	72	996
04/28/2022	07:45:00 - 08:00:00	12	4	8	7	5	2.0	143	9.4	70	996
04/28/2022	08:00:00 - 08:15:00	12	3	7	6	4	2.3	145	10.2	67	996
04/28/2022	08:15:00 - 08:30:00	13	3	8	7	5	3.1	147	10.0	66	996
04/28/2022	08:30:00 - 08:45:00	14	5	9	8	5	2.7	150	10.2	67	996
04/28/2022	08:45:00 - 09:00:00	12	3	7	7	4	2.8	137	11	67	996
04/28/2022	09:00:00 - 09:15:00	12	3	7	6	3	2.4	140	11.3	65	995.6
04/28/2022	09:15:00 - 09:30:00	12	3	7	6	3	2.4	145	11.8	63	995.5
04/28/2022	09:30:00 - 09:45:00	12	3	7	6	2	2.2	141	12.3	61	995.5
04/28/2022	09:45:00 - 10:00:00	12	2	7	5	1	1.8	145	12.8	60	995.5
04/28/2022	10:00:00 - 10:15:00	12	3	7	6	2	2.3	148	13.3	59	995.5
04/28/2022	10:15:00 - 10:30:00	12	3	7	5	1	2.0	141	13.5	58	995.4
04/28/2022	10:30:00 - 10:45:00	12	3	7	6	3	2.5	142	13.7	57	995.2
04/28/2022	10:45:00 - 11:00:00	12	3	7	6	1	2.5	150	13.8	58	995.2
04/28/2022	11:00:00 - 11:15:00	12	3	7	6	1	2.3	149	13.8	59	995.3
04/28/2022	11:15:00 - 11:30:00	13	3	7	6	2	1.7	142	14.0	59	995.4
04/28/2022	11:30:00 - 11:45:00	12	3	7	6	2	2.0	140	14.4	58	995.5
04/28/2022	11:45:00 - 12:00:00	12	3	7	6	2	1.9	146	15.1	56	995.4
04/28/2022	12:00:00 - 12:15:00	12	3	7	6	1	2.1	146	15.5	54	995.2
04/28/2022	12:15:00 - 12:30:00	13	3	7	6	1	2.0	142	15.9	53	995.0
04/28/2022	12:30:00 - 12:45:00	13	3	7	6	2	1.3	153	16.0	53	994.9
04/28/2022	12:45:00 - 13:00:00	13	4	8	6	2	1.0	177	16.1	53	994.8
04/28/2022	13:00:00 - 13:15:00	14	4	8	6	3	1.0	167	16.2	53	994.8
04/28/2022	13:15:00 - 13:30:00	14	4	8	7	3	0.9	166	16.5	55	994.7
04/28/2022	13:30:00 - 13:45:00	15	5	9	9	4	1.5	213	16.1	61	994.7
04/28/2022	13:45:00 - 14:00:00	14	4	8	9	3	1.6	203	15.1	65	994.6
04/28/2022	14:00:00 - 14:15:00	15	5	8	7	4	1.0	142	15.2	68	994.3
04/28/2022	14:15:00 - 14:30:00	15	5	9	7	3	0.8	187	15.1	66	994.2
04/28/2022	14:30:00 - 14:45:00	15	4	8	7	4	0.9	175	15.5	64	994.2
04/28/2022	14:45:00 - 15:00:00	15	5	9	7	4	1.2	151	15.8	60	994.1
04/28/2022	15:00:00 - 15:15:00	14	5	8	8	4	1.5	149	15.8	61	993.9
04/28/2022	15:15:00 - 15:30:00	14	4	8	7	3	1.2	155	15.8	60	993.8
04/28/2022	15:30:00 - 15:45:00	13	4	7	7	2	1.5	139	15.5	57	993.8
04/28/2022	15:45:00 - 16:00:00	14	4	8	7	2	1.6	123	15.4	59	993.6
04/28/2022	16:00:00 - 16:15:00	15	5	8	8	3	1.9	139	15.3	64	993.6
04/28/2022	16:15:00 - 16:30:00	14	5	8	8	3	1.7	124	15.3	65	993.4
04/28/2022	16:30:00 - 16:45:00	14	4	8	7	3	1.7	125	15.5	63	993.1
04/28/2022	16:45:00 - 17:00:00	15	5	9	8	4	1.8	129	15.2	67	992.9
04/28/2022	17:00:00 - 17:15:00	15	5	9	8	4	1.7	121	14.8	71	992.8
04/28/2022	17:15:00 - 17:30:00	15	5	9	8	4	2.7	112	14.5	72	992.5
04/28/2022	17:30:00 - 17:45:00	16	5	9	8	5	2.4	120	14.4	74	992.3
04/28/2022	17:45:00 - 18:00:00	15	5	9	8	5	2.3	118	14.2	75	992.1
04/28/2022	18:00:00 - 18:15:00	15	4	9	7	4	2.6	108	14.0	75	992.2
04/28/2022	18:15:00 - 18:30:00	15	4	9	8	4	2.1	112	13.9	75	992.3
04/28/2022	18:30:00 - 18:45:00	15	5	9	8	4	2.0	102	13.8	75	992.4
04/28/2022	18:45:00 - 19:00:00	15	4	9	7	4	1.9	115	13.8	76	992.2
04/28/2022	19:00:00 - 19:15:00	15	5	9	8	5	2.2	107	13.6	76	992.4
04/28/2022	19:15:00 - 19:30:00	16	6	10	9	6	2.9	95	13.5	76	992.7
04/28/2022	19:30:00 - 19:45:00	17	6	10	9	7	2.6	101	13.3	77	992.8
04/28/2022	19:45:00 - 20:00:00	17	7	11	10	7	2.7	100	12.9	78	992.6
04/28/2022	20:00:00 - 20:15:00	18	7	11	10	8	3.1	98	12.8	77	992.6
04/28/2022	20:15:00 - 20:30:00	19	7	12	11	9	2.4	108	12.8	77	992.5
04/28/2022	20:30:00 - 20:45:00	18	7	12	11	9	2.5	108	12.8	76	992.5
04/28/2022	20:45:00 - 21:00:00	18	7	11	10	9	2.3	107	12.8	75	992.5
04/28/2022	21:00:00 - 21:15:00	17	7	11	10	9	2.5	107	12.6	76	992.6
04/28/2022	21:15:00 - 21:30:00	17	7	11	10	8	2.5	110	12.6	76	992.7
04/28/2022	21:30:00 - 21:45:00	17	7	11	10	8	2.3	109	12.7	75	992.8
04/28/2022	21:45:00 - 22:00:00	17	7	11	10	8	1.9	109	12.7	75	992.8
04/28/2022	22:00:00 - 22:15:00	17	7	11	10	8	1.8	110	12.7	75	992.7
04/28/2022	22:15:00 - 22:30:00	17	7	11	10	9	1.8	111	12.7	75	992.8

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. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/28/2022	22:30:00 - 22:45:00	17	7	11	10	9	1.6	119	12.7	74	992.7
04/28/2022	22:45:00 - 23:00:00	17	7	11	10	8	1.6	128	12.6	75	992.7
04/28/2022	23:00:00 - 23:15:00	17	7	11	10	8	1.1	144	12.6	75	992.7
04/28/2022	23:15:00 - 23:30:00	17	6	11	10	8	1.0	130	12.6	74	992.7
04/28/2022	23:30:00 - 23:45:00	16	6	10	9	8	1.3	131	12.7	74	992.6
04/28/2022	23:45:00 - 00:00:00	16	6	10	9	7	1.3	121	12.8	73	992.6
04/29/2022	00:00:00 - 00:15:00	17	6	10	9	7	1.5	115	12.8	72	992.6
04/29/2022	00:15:00 - 00:30:00	17	7	11	10	8	1.6	112	12.7	73	992.6
04/29/2022	00:30:00 - 00:45:00	17	6	11	10	8	1.6	115	12.6	74	992.5
04/29/2022	00:45:00 - 01:00:00	16	6	10	9	7	1.4	116	12.4	74	992.5
04/29/2022	01:00:00 - 01:15:00	16	6	10	9	7	1.3	119	12.3	75	992.3
04/29/2022	01:15:00 - 01:30:00	16	6	10	9	7	1.6	109	12.3	74	992.4
04/29/2022	01:30:00 - 01:45:00	16	6	10	9	6	1.3	134	12.3	75	992.3
04/29/2022	01:45:00 - 02:00:00	15	5	9	8	6	1.4	119	12.2	75	992.2
04/29/2022	02:00:00 - 02:15:00	15	5	9	8	6	1.3	109	12.1	76	992.1
04/29/2022	02:15:00 - 02:30:00	15	5	9	8	6	1.7	107	12.0	76	992.1
04/29/2022	02:30:00 - 02:45:00	15	5	9	8	6	1.2	112	12.0	76	992.0
04/29/2022	02:45:00 - 03:00:00	14	5	9	8	5	1.2	117	12.0	76	992.0
04/29/2022	03:00:00 - 03:15:00	14	5	9	8	5	2.0	108	12.0	76	991.9
04/29/2022	03:15:00 - 03:30:00	14	4	9	7	5	2.4	107	12.0	75	991.8
04/29/2022	03:30:00 - 03:45:00	14	4	9	7	5	1.6	120	12.0	75	991.7
04/29/2022	03:45:00 - 04:00:00	14	4	8	7	5	1.4	123	12.0	75	991.5
04/29/2022	04:00:00 - 04:15:00	14	4	8	7	4	1.6	126	12.0	74	991.4
04/29/2022	04:15:00 - 04:30:00	13	4	8	7	4	1.6	130	12.0	74	991.3
04/29/2022	04:30:00 - 04:45:00	13	3	8	6	4	1.5	130	12.1	73	991.3
04/29/2022	04:45:00 - 05:00:00	13	3	8	6	4	1.9	131	12.1	72	991.3
04/29/2022	05:00:00 - 05:15:00	13	3	8	6	4	1.9	137	12.1	72	991.3
04/29/2022	05:15:00 - 05:30:00	13	3	8	6	4	1.7	135	12.1	72	991.4
04/29/2022	05:30:00 - 05:45:00	13	3	8	6	3	1.7	124	12.1	72	991.4
04/29/2022	05:45:00 - 06:00:00	13	3	7	6	3	1.9	148	12.0	72	991.4
04/29/2022	06:00:00 - 06:15:00	13	3	7	6	3	1.9	143	12.0	72	991.4
04/29/2022	06:15:00 - 06:30:00	12	3	7	6	3	1.3	148	12.1	72	991.5
04/29/2022	06:30:00 - 06:45:00	12	3	7	6	3	1.0	136	12.2	71	991.6
04/29/2022	06:45:00 - 07:00:00	12	2	7	5	3	2.1	143	12.5	69	991.5
04/29/2022	07:00:00 - 07:15:00	11	2	6	5	2	2.1	142	12.7	67	991.4
04/29/2022	07:15:00 - 07:30:00	11	2	6	5	2	2.0	142	12.9	67	991.5
04/29/2022	07:30:00 - 07:45:00	11	2	6	5	2	2.1	138	13.0	67	991.5
04/29/2022	07:45:00 - 08:00:00	11	2	6	5	1	2.4	146	13.1	66	991.5
04/29/2022	08:00:00 - 08:15:00	11	2	6	5	1	2.0	139	13.3	66	991.4
04/29/2022	08:15:00 - 08:30:00	11	2	6	5	1	2.2	138	13.6	65	991.4
04/29/2022	08:30:00 - 08:45:00	11	2	6	5	1	2.1	139	14.0	64	991.4
04/29/2022	08:45:00 - 09:00:00	11	2	6	5	1	2.1	139	14.6	62	991.4
04/29/2022	09:00:00 - 09:15:00	11	1	6	4	1	2.7	142	15.2	58	991.2
04/29/2022	09:15:00 - 09:30:00	11	2	6	5	23	2.6	137	15.4	58	991.0
04/29/2022	09:30:00 - 09:45:00	11	2	6	5	1	2.4	138	15.9	56	990.9
04/29/2022	09:45:00 - 10:00:00	11	2	6	5	1	3.1	135	16.6	54	990.6
04/29/2022	10:00:00 - 10:15:00	11	2	5	5	0	2.7	130	17.6	52	990.7
04/29/2022	10:15:00 - 10:30:00	11	2	5	4	1	3.0	139	17.5	51	991.0
04/29/2022	10:30:00 - 10:45:00	11	2	5	5	1	2.6	139	17.5	51	991.1
04/29/2022	10:45:00 - 11:00:00	11	2	5	5	0	2.5	151	17.9	50	991.0
04/29/2022	11:00:00 - 11:15:00	11	2	5	5	1	2.2	148	19.2	48	990.8
04/29/2022	11:15:00 - 11:30:00	11	2	5	5	0	2.3	148	19.4	47	990.8
04/29/2022	11:30:00 - 11:45:00	12	2	5	5	0	1.8	145	20.1	46	990.6
04/29/2022	11:45:00 - 12:00:00	12	2	6	5	1	2.9	136	19.7	46	990.3
04/29/2022	12:00:00 - 12:15:00	12	2	5	5	0	2.5	136	19.8	46	990.4
04/29/2022	12:15:00 - 12:30:00	12	2	6	5	0	2.5	147	20.2	45	990.1
04/29/2022	12:30:00 - 12:45:00	12	2	6	6	0	2.2	140	20.0	46	989.8
04/29/2022	12:45:00 - 13:00:00	12	3	6	6	0	1.9	149	20.5	46	989.5
04/29/2022	13:00:00 - 13:15:00	12	3	6	6	0	2.2	136	20.7	46	989.3
04/29/2022	13:15:00 - 13:30:00	13	3	6	5	0	2.5	152	20.8	45	989.1
04/29/2022	13:30:00 - 13:45:00	13	3	6	6	1	1.6	157	20.8	46	989.1
04/29/2022	13:45:00 - 14:00:00	13	3	7	6	1	2.0	148	20.6	47	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. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/29/2022	14:00:00 - 14:15:00	13	3	6	6	1	2.3	134	20.4	47	988.6
04/29/2022	14:15:00 - 14:30:00	13	3	6	6	2	2.2	133	20.4	48	988.5
04/29/2022	14:30:00 - 14:45:00	13	3	6	6	2	2.4	127	20.2	48	988.3
04/29/2022	14:45:00 - 15:00:00	13	3	6	6	2	1.9	120	20.2	49	988.2
04/29/2022	15:00:00 - 15:15:00	13	3	7	6	193	2.1	128	20.1	49	988.0
04/29/2022	15:15:00 - 15:30:00	13	3	7	6	16	2.1	143	20.0	49	988.0
04/29/2022	15:30:00 - 15:45:00	13	3	7	6	2	2.0	135	20.1	49	987.9
04/29/2022	15:45:00 - 16:00:00	14	3	7	6	2	2.3	128	20.4	48	987.7
04/29/2022	16:00:00 - 16:15:00	14	4	7	6	2	1.6	132	20.3	49	987.6
04/29/2022	16:15:00 - 16:30:00	14	4	7	6	2	1.9	141	20.2	49	987.6
04/29/2022	16:30:00 - 16:45:00	14	4	7	6	2	1.8	130	20.3	49	987.4
04/29/2022	16:45:00 - 17:00:00	14	4	7	6	2	2.1	123	20.3	49	987.3
04/29/2022	17:00:00 - 17:15:00	14	4	7	7	2	2.1	132	20.4	49	987.1
04/29/2022	17:15:00 - 17:30:00	14	4	7	7	3	2.3	148	20.3	49	987.2
04/29/2022	17:30:00 - 17:45:00	15	4	8	7	3	2.1	147	19.4	55	987.3
04/29/2022	17:45:00 - 18:00:00	15	4	8	7	3	1.8	149	19.0	57	987.5
04/29/2022	18:00:00 - 18:15:00	15	4	8	7	3	2.4	147	19.1	57	987.5
04/29/2022	18:15:00 - 18:30:00	15	4	8	7	4	1.8	153	18.9	58	987.4
04/29/2022	18:30:00 - 18:45:00	15	4	8	7	4	1.9	146	18.7	58	987.3
04/29/2022	18:45:00 - 19:00:00	15	5	9	8	4	1.9	156	18.3	61	987.1
04/29/2022	19:00:00 - 19:15:00	16	5	9	8	5	2.0	151	17.7	63	986.6
04/29/2022	19:15:00 - 19:30:00	15	5	9	8	4	2.7	151	17.4	63	986.1
04/29/2022	19:30:00 - 19:45:00	15	5	8	8	4	3.1	146	17.0	65	985.6
04/29/2022	19:45:00 - 20:00:00	15	5	9	8	4	2.4	128	16.8	66	985.3
04/29/2022	20:00:00 - 20:15:00	15	5	9	8	5	2.8	117	16.8	66	985.2
04/29/2022	20:15:00 - 20:30:00	15	5	9	8	5	3.1	125	17.0	65	985.6
04/29/2022	20:30:00 - 20:45:00	15	5	9	8	5	2.3	131	16.9	66	986.4
04/29/2022	20:45:00 - 21:00:00	15	5	9	8	5	1.9	128	16.7	67	986.7
04/29/2022	21:00:00 - 21:15:00	15	5	9	8	5	2.1	144	16.6	67	987.1
04/29/2022	21:15:00 - 21:30:00	15	5	9	8	5	2.5	141	16.6	67	987.3
04/29/2022	21:30:00 - 21:45:00	15	5	9	8	4	2.4	136	16.5	68	987.2
04/29/2022	21:45:00 - 22:00:00	15	5	9	8	5	2.8	122	16.2	70	986.6
04/29/2022	22:00:00 - 22:15:00	15	5	9	8	5	3.2	118	16.1	72	986.2
04/29/2022	22:15:00 - 22:30:00	15	4	9	8	5	2.7	126	16.1	71	985.7
04/29/2022	22:30:00 - 22:45:00	15	4	8	7	5	3.1	129	16.3	70	985.4
04/29/2022	22:45:00 - 23:00:00	14	4	8	7	4	2.7	141	16.3	69	985.7
04/29/2022	23:00:00 - 23:15:00	14	4	8	7	4	2.0	137	16.3	69	986.4
04/29/2022	23:15:00 - 23:30:00	15	4	8	7	4	2.2	113	16.2	69	986.7
04/29/2022	23:30:00 - 23:45:00	15	4	9	8	5	2.8	102	15.9	70	986.5
04/29/2022	23:45:00 - 00:00:00	15	4	9	8	5	2.6	107	15.9	71	986.5
04/30/2022	00:00:00 - 00:15:00	15	5	9	8	5	2.9	109	16.0	70	986.3
04/30/2022	00:15:00 - 00:30:00	15	5	9	8	5	2.8	108	16.0	69	986.3
04/30/2022	00:30:00 - 00:45:00	15	5	9	8	5	2.7	112	15.9	70	986.2
04/30/2022	00:45:00 - 01:00:00	16	5	9	8	5	2.8	110	15.8	70	986.1
04/30/2022	01:00:00 - 01:15:00	16	5	9	8	5	2.2	110	15.7	70	986.0
04/30/2022	01:15:00 - 01:30:00	16	5	10	8	6	2.5	107	15.7	70	986.0
04/30/2022	01:30:00 - 01:45:00	16	6	10	9	6	2.5	113	15.9	69	985.9
04/30/2022	01:45:00 - 02:00:00	16	5	10	9	6	2.4	110	15.8	69	985.8
04/30/2022	02:00:00 - 02:15:00	16	6	10	9	6	2.3	109	15.6	70	985.5
04/30/2022	02:15:00 - 02:30:00	16	6	10	9	6	2.3	109	15.3	72	985.4
04/30/2022	02:30:00 - 02:45:00	16	6	10	9	6	2.0	117	15.0	72	985.2
04/30/2022	02:45:00 - 03:00:00	16	6	10	9	6	2.3	115	14.8	73	985.1
04/30/2022	03:00:00 - 03:15:00	16	5	9	8	5	2.6	116	14.7	73	985.0
04/30/2022	03:15:00 - 03:30:00	15	5	9	8	6	2.8	109	14.5	74	985.0
04/30/2022	03:30:00 - 03:45:00	15	5	9	8	6	2.7	113	14.3	75	984.9
04/30/2022	03:45:00 - 04:00:00	15	5	9	9	6	2.4	114	14.1	75	984.8
04/30/2022	04:00:00 - 04:15:00	16	5	9	8	6	2.6	114	14.1	75	984.6
04/30/2022	04:15:00 - 04:30:00	15	5	9	9	6	2.3	121	14.0	76	984.2
04/30/2022	04:30:00 - 04:45:00	16	5	9	9	6	2.0	131	14.2	75	984.1
04/30/2022	04:45:00 - 05:00:00	15	5	9	9	6	2.1	129	14.5	75	983.9
04/30/2022	05:00:00 - 05:15:00	16	5	10	9	6	2.3	124	14.5	75	984.0
04/30/2022	05:15:00 - 05:30:00	16	6	10	9	6	2.4	137	14.5	75	984.0

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]
04/30/2022	05:30:00 - 05:45:00	16	6	10	9	6	2.7	141	14.6	75	984.3
04/30/2022	05:45:00 - 06:00:00	16	6	10	9	6	2.4	151	14.6	76	984.6
04/30/2022	06:00:00 - 06:15:00	16	6	10	9	6	2.7	148	14.8	76	984.7
04/30/2022	06:15:00 - 06:30:00	16	6	10	9	6	2.1	154	14.8	76	984.8
04/30/2022	06:30:00 - 06:45:00	16	6	10	9	6	2.8	142	14.8	77	984.8
04/30/2022	06:45:00 - 07:00:00	16	6	10	9	6	2.3	139	14.9	77	984.5
04/30/2022	07:00:00 - 07:15:00	16	6	10	9	6	2.4	146	15.0	77	984.4
04/30/2022	07:15:00 - 07:30:00	16	6	10	9	6	2.6	149	15.4	77	984.3
04/30/2022	07:30:00 - 07:45:00	16	6	10	9	6	1.9	154	15.8	76	984.4
04/30/2022	07:45:00 - 08:00:00	16	6	10	9	6	2.3	151	16.1	76	984.3
04/30/2022	08:00:00 - 08:15:00	16	6	10	9	6	2.4	147	16.6	76	984.0
04/30/2022	08:15:00 - 08:30:00	17	6	10	9	6	2.2	144	17.0	76	983.8
04/30/2022	08:30:00 - 08:45:00	17	7	10	10	6	2.0	153	17.5	76	983.6
04/30/2022	08:45:00 - 09:00:00	17	7	10	10	6	2.5	148	17.7	76	983.4
04/30/2022	09:00:00 - 09:15:00	18	8	11	11	7	2.4	143	17.3	81	983.4
04/30/2022	09:15:00 - 09:30:00	18	8	11	11	8	2.2	148	17.8	81	983.4
04/30/2022	09:30:00 - 09:45:00	19	8	12	11	8	2.1	152	17.9	82	983.5
04/30/2022	09:45:00 - 10:00:00	19	9	12	12	9	2.1	152	17.6	87	983.0
04/30/2022	10:00:00 - 10:15:00	20	9	13	13	9	2.0	151	18.0	88	982.8
04/30/2022	10:15:00 - 10:30:00	19	9	12	12	9	1.4	162	18.8	85	983.0
04/30/2022	10:30:00 - 10:45:00	19	9	12	12	9	2.0	152	18.9	84	982.8
04/30/2022	10:45:00 - 11:00:00	19	9	12	12	8	2.5	153	18.8	86	982.6
04/30/2022	11:00:00 - 11:15:00	19	9	12	12	8	3.3	149	19.3	84	982.0
04/30/2022	11:15:00 - 11:30:00	18	8	11	11	7	2.4	148	20.2	81	981.9
04/30/2022	11:30:00 - 11:45:00	18	8	11	11	7	2.4	152	21.4	77	981.6
04/30/2022	11:45:00 - 12:00:00	18	8	10	10	6	2.3	160	21.9	74	981.2
04/30/2022	12:00:00 - 12:15:00	17	7	9	9	6	1.9	171	22.7	71	981.1
04/30/2022	12:15:00 - 12:30:00	17	6	9	9	5	2.3	181	23.2	68	981.2
04/30/2022	12:30:00 - 12:45:00	17	6	9	9	5	2.3	179	23.5	66	981.0
04/30/2022	12:45:00 - 13:00:00	17	6	9	9	5	2.4	180	23.2	67	980.9
04/30/2022	13:00:00 - 13:15:00	18	7	10	10	6	2.6	186	22.6	68	980.8
04/30/2022	13:15:00 - 13:30:00	18	7	10	10	6	2.3	193	22.5	69	980.6
04/30/2022	13:30:00 - 13:45:00	17	6	9	9	5	2.4	193	22.7	67	980.4
04/30/2022	13:45:00 - 14:00:00	16	6	9	8	4	2.7	197	22.9	66	980.2
04/30/2022	14:00:00 - 14:15:00	17	6	9	9	5	2.3	181	23.0	67	980.2
04/30/2022	14:15:00 - 14:30:00	17	6	9	9	5	2.8	193	23.2	66	980.1
04/30/2022	14:30:00 - 14:45:00	17	6	9	9	5	2.0	186	23.2	67	980.0
04/30/2022	14:45:00 - 15:00:00	17	6	9	9	5	2.7	191	23.3	66	979.8
04/30/2022	15:00:00 - 15:15:00	17	6	9	9	5	2.6	188	23.3	65	979.6
04/30/2022	15:15:00 - 15:30:00	17	6	9	9	5	2.4	187	23.2	66	979.4
04/30/2022	15:30:00 - 15:45:00	17	6	9	8	4	2.8	190	23.7	65	979.3
04/30/2022	15:45:00 - 16:00:00	16	6	9	8	4	2.5	193	23.4	65	979.2
04/30/2022	16:00:00 - 16:15:00	16	5	8	8	4	2.5	185	23.4	64	979.0
04/30/2022	16:15:00 - 16:30:00	16	5	8	8	4	2.8	200	23.1	66	979.0
04/30/2022	16:30:00 - 16:45:00	17	6	9	8	4	2.4	194	23.1	67	978.9
04/30/2022	16:45:00 - 17:00:00	17	6	9	8	4	2.3	197	23.1	66	978.8
04/30/2022	17:00:00 - 17:15:00	17	6	9	8	4	2.1	191	23.4	65	978.8
04/30/2022	17:15:00 - 17:30:00	17	5	8	8	4	2.4	192	23.7	64	978.6
04/30/2022	17:30:00 - 17:45:00	16	5	8	8	4	2.2	192	24.2	63	978.4
04/30/2022	17:45:00 - 18:00:00	16	5	8	8	3	3.1	193	23.9	63	978.3
04/30/2022	18:00:00 - 18:15:00	16	5	8	8	4	2.7	191	23.4	65	978.1
04/30/2022	18:15:00 - 18:30:00	16	5	9	8	4	2.5	187	23.2	66	978.1
04/30/2022	18:30:00 - 18:45:00	17	5	8	8	4	2.1	188	22.9	66	978.0
04/30/2022	18:45:00 - 19:00:00	17	5	8	8	4	1.9	190	22.5	67	978.3
04/30/2022	19:00:00 - 19:15:00	16	5	8	8	3	1.8	188	22.2	68	978.4
04/30/2022	19:15:00 - 19:30:00	16	5	8	8	3	2.1	192	22.0	69	978.6
04/30/2022	19:30:00 - 19:45:00	16	5	8	7	3	1.9	192	21.8	69	979.1
04/30/2022	19:45:00 - 20:00:00	15	4	8	7	2	2.9	203	21.5	69	979.4
04/30/2022	20:00:00 - 20:15:00	14	3	7	6	0	3.5	211	14.4	90	979.9
04/30/2022	20:15:00 - 20:30:00	14	3	7	6	1	2.7	217	13.8	94	980.2
04/30/2022	20:30:00 - 20:45:00	13	3	7	6	1	2.0	224	14.1	97	980.5
04/30/2022	20:45:00 - 21:00:00	13	3	7	6	1	2.5	232	14.8	99	980.7

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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. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/30/2022	21:00:00 - 21:15:00	12	2	6	5	0	2.2	205	14.8	99	980.4
04/30/2022	21:15:00 - 21:30:00	14	3	7	6	2	1.4	216	15.5	100	980.2
04/30/2022	21:30:00 - 21:45:00	15	4	8	7	3	0.9	243	15.9	100	980.3
04/30/2022	21:45:00 - 22:00:00	14	3	7	7	2	2.3	269	15.9	99	980.8
04/30/2022	22:00:00 - 22:15:00	11	1	6	4	0	1.1	251	15.3	98	981.0
04/30/2022	22:15:00 - 22:30:00	12	2	6	5	0	1.2	264	15.5	97	981.2
04/30/2022	22:30:00 - 22:45:00	12	2	6	6	1	1.2	263	15.5	95	981.3
04/30/2022	22:45:00 - 23:00:00	11	1	6	5	0	1.8	267	15.5	91	981.5
04/30/2022	23:00:00 - 23:15:00	9	0	4	3	0	1.8	266	15.4	85	981.4
04/30/2022	23:15:00 - 23:30:00	9	0	4	2	0	1.7	262	15.1	83	981.4
04/30/2022	23:30:00 - 23:45:00	8	0	4	2	0	2.5	268	15.2	80	981.2
04/30/2022	23:45:00 - 00:00:00	8	0	4	2	0	2.2	260	15.2	77	981.2
05/01/2022	00:00:00 - 00:15:00	8	0	4	2	0	2.0	259	14.9	77	981.4
05/01/2022	00:15:00 - 00:30:00	8	0	4	2	0	1.4	254	14.5	78	981.4
05/01/2022	00:30:00 - 00:45:00	8	0	4	2	0	0.9	233	14.2	78	981.6
05/01/2022	00:45:00 - 01:00:00	8	0	4	2	0	0.9	242	14.0	78	981.6
05/01/2022	01:00:00 - 01:15:00	8	0	4	2	0	0.6	231	13.8	79	981.8
05/01/2022	01:15:00 - 01:30:00	8	0	4	2	0	0.8	261	13.4	81	981.8
05/01/2022	01:30:00 - 01:45:00	8	0	4	2	0	0.5	233	12.9	84	982.0
05/01/2022	01:45:00 - 02:00:00	8	0	4	2	0	1.3	241	13.0	81	982.0
05/01/2022	02:00:00 - 02:15:00	8	0	4	2	0	2	246	13	77	982
05/01/2022	02:15:00 - 02:30:00	9	0	4	2	0	2	248	13	75	982
05/01/2022	02:30:00 - 02:45:00	9	0	4	2	0	2	256	12	74	982
05/01/2022	02:45:00 - 03:00:00	9	0	4	2	0	2	253	12	74	982
05/01/2022	03:00:00 - 03:15:00	9	0	4	2	0	1.3	247	12.1	74	982.0
05/01/2022	03:15:00 - 03:30:00	9	0	4	2	0	1.2	243	12.0	75	982.0
05/01/2022	03:30:00 - 03:45:00	9	0	5	2	0	1.2	237	12.1	75	982.1
05/01/2022	03:45:00 - 04:00:00	9	0	4	2	0	1.5	247	12.2	74	982.1
05/01/2022	04:00:00 - 04:15:00	9	0	5	3	0	1.7	227	12.2	73	982.0
05/01/2022	04:15:00 - 04:30:00	9	0	5	3	0	1.3	234	12.0	75	981.9
05/01/2022	04:30:00 - 04:45:00	9	0	5	3	0	1.4	250	12.0	75	982.0
05/01/2022	04:45:00 - 05:00:00	9	0	4	2	0	0.8	238	11.8	76	982.0
05/01/2022	05:00:00 - 05:15:00	9	0	4	2	0	1.0	208	11.9	75	982.0
05/01/2022	05:15:00 - 05:30:00	9	0	4	2	0	1.1	205	11.6	77	982.1
05/01/2022	05:30:00 - 05:45:00	9	0	5	2	0	1.0	209	11.2	78	982.3
05/01/2022	05:45:00 - 06:00:00	9	0	5	3	0	1.2	208	11.1	80	982.5
05/01/2022	06:00:00 - 06:15:00	9	0	5	3	0	1.1	205	11.1	81	982.8
05/01/2022	06:15:00 - 06:30:00	9	0	5	3	0	1.1	198	11.3	82	982.9
05/01/2022	06:30:00 - 06:45:00	9	0	5	3	0	1.2	200	11.3	82	983.1
05/01/2022	06:45:00 - 07:00:00	9	0	5	3	0	1.4	199	11.4	82	983.2
05/01/2022	07:00:00 - 07:15:00	9	0	5	3	0	1.8	208	11.5	81	983.5
05/01/2022	07:15:00 - 07:30:00	9	0	5	3	0	1.5	221	11.5	80	983.6
05/01/2022	07:30:00 - 07:45:00	9	0	4	2	0	1.2	219	11.7	77	983.7
05/01/2022	07:45:00 - 08:00:00	9	0	4	2	0	1.3	213	11.9	75	983.7
05/01/2022	08:00:00 - 08:15:00	8	0	4	2	0	1.5	214	12.0	75	983.9
05/01/2022	08:15:00 - 08:30:00	8	0	4	2	0	1.6	228	12.1	75	984.0
05/01/2022	08:30:00 - 08:45:00	8	0	4	2	0	1.6	231	12.4	75	984.1
05/01/2022	08:45:00 - 09:00:00	8	0	4	2	0	1.5	246	12.7	74	984.3
05/01/2022	09:00:00 - 09:15:00	9	0	4	2	-1	2.0	231	12.8	72	984.4
05/01/2022	09:15:00 - 09:30:00	9	0	4	2	-1	1.8	221	12.5	72	984.5
05/01/2022	09:30:00 - 09:45:00	9	0	4	2	0	2.3	214	12.3	73	984.6
05/01/2022	09:45:00 - 10:00:00	9	Offline	4	2	0	1.7	241	12.3	74	984.6
05/01/2022	10:00:00 - 10:15:00	8	0	4	2	-1	2.5	266	12.2	72	984.7
05/01/2022	10:15:00 - 10:30:00	8	0	4	1	-1	2.0	258	12.3	72	984.9
05/01/2022	10:30:00 - 10:45:00	8	0	4	1	-1	2.5	259	12.2	71	984.9
05/01/2022	10:45:00 - 11:00:00	8	0	4	1	-1	2.3	258	12.3	71	985.0
05/01/2022	11:00:00 - 11:15:00	8	0	4	10	-1	2.7	262	12.0	72	985.2
05/01/2022	11:15:00 - 11:30:00	8	0	4	5	-1	1.8	255	11.7	73	985.3
05/01/2022	11:30:00 - 11:45:00	8	0	4	1	-1	2.0	244	11.8	72	985.5
05/01/2022	11:45:00 - 12:00:00	8	0	4	1	-1	2.0	253	12.2	71	985.5
05/01/2022	12:00:00 - 12:15:00	8	0	4	1	-1	2.3	251	12.4	69	985.5
05/01/2022	12:15:00 - 12:30:00	8	0	4	1	-1	3.2	261	12.3	68	985.6

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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]
05/01/2022	12:30:00 - 12:45:00	8	0	4	4	-1	2.8	245	12.3	69	985.7
05/01/2022	12:45:00 - 13:00:00	8	0	4	7	-1	2.6	257	12.4	69	985.7
05/01/2022	13:00:00 - 13:15:00	9	0	4	2	-1	2.2	255	12.4	70	985.8
05/01/2022	13:15:00 - 13:30:00	9	0	4	4	0	2.6	260	12.4	70	986.0
05/01/2022	13:30:00 - 13:45:00	9	1	5	10	0	3.0	261	12.3	70	986.2
05/01/2022	13:45:00 - 14:00:00	9	0	4	6	0	2.8	259	12.6	69	986.2
05/01/2022	14:00:00 - 14:15:00	9	0	4	5	0	3.3	264	12.7	68	986.3
05/01/2022	14:15:00 - 14:30:00	9	1	4	13	-1	3.1	256	12.7	68	986.4
05/01/2022	14:30:00 - 14:45:00	9	1	4	7	0	3.0	263	12.6	69	986.5
05/01/2022	14:45:00 - 15:00:00	8	0	4	5	-1	2.7	269	12.5	69	986.8
05/01/2022	15:00:00 - 15:15:00	8	0	4	2	-1	2.7	267	12.9	68	986.8
05/01/2022	15:15:00 - 15:30:00	8	0	4	1	-1	3.1	267	13.0	66	986.8
05/01/2022	15:30:00 - 15:45:00	8	0	4	1	-1	2.9	264	13.3	65	986.8
05/01/2022	15:45:00 - 16:00:00	8	0	4	1	-1	3.0	270	13.1	66	986.9
05/01/2022	16:00:00 - 16:15:00	8	0	4	1	-1	2.4	261	13.3	66	986.8
05/01/2022	16:15:00 - 16:30:00	8	0	4	1	-1	3.4	267	13.6	63	986.8
05/01/2022	16:30:00 - 16:45:00	8	0	4	1	-2	3.5	269	13.5	63	986.9
05/01/2022	16:45:00 - 17:00:00	8	0	4	1	-2	2.7	277	13.4	64	987.1
05/01/2022	17:00:00 - 17:15:00	8	0	4	1	-2	2.7	275	13.2	64	987.3
05/01/2022	17:15:00 - 17:30:00	8	0	3	1	-1	2.1	285	13.2	65	987.5
05/01/2022	17:30:00 - 17:45:00	8	0	4	1	-1	2.2	277	13.2	65	987.6
05/01/2022	17:45:00 - 18:00:00	8	0	4	2	-1	1.8	285	13.2	66	987.7
05/01/2022	18:00:00 - 18:15:00	8	0	4	1	-1	1.8	289	13.1	66	987.9
05/01/2022	18:15:00 - 18:30:00	8	0	4	2	-1	1.6	289	13.0	67	988.0
05/01/2022	18:30:00 - 18:45:00	8	0	4	2	-1	1.7	275	13.0	68	988.2
05/01/2022	18:45:00 - 19:00:00	8	0	4	2	0	1.5	282	12.9	68	988.3
05/01/2022	19:00:00 - 19:15:00	8	0	4	2	0	1.2	274	12.8	69	988.5
05/01/2022	19:15:00 - 19:30:00	8	0	4	2	0	1.6	281	12.8	69	988.7
05/01/2022	19:30:00 - 19:45:00	8	0	4	2	0	1.8	284	12.6	70	988.9
05/01/2022	19:45:00 - 20:00:00	8	0	4	2	0	1.5	291	12.5	70	988.9
05/01/2022	20:00:00 - 20:15:00	8	0	4	3	0	1.4	278	12.4	71	989.0
05/01/2022	20:15:00 - 20:30:00	9	0	4	2	0	1.3	293	12.3	72	989.1
05/01/2022	20:30:00 - 20:45:00	8	0	4	2	0	1.5	291	12.1	73	989.1
05/01/2022	20:45:00 - 21:00:00	8	0	4	2	0	1.2	277	12.0	73	989.2
05/01/2022	21:00:00 - 21:15:00	8	0	4	2	0	1.0	291	11.9	73	989.4
05/01/2022	21:15:00 - 21:30:00	9	0	5	2	0	0.8	285	11.5	74	989.5
05/01/2022	21:30:00 - 21:45:00	9	0	5	3	0	0.8	288	11.1	76	989.6
05/01/2022	21:45:00 - 22:00:00	9	0	5	3	0	0.8	275	11.0	77	989.7
05/01/2022	22:00:00 - 22:15:00	9	0	5	3	0	0.8	275	10.8	77	989.7
05/01/2022	22:15:00 - 22:30:00	9	0	5	3	0	0.9	271	10.7	77	989.7
05/01/2022	22:30:00 - 22:45:00	9	0	5	3	0	0.8	271	10.5	77	989.6
05/01/2022	22:45:00 - 23:00:00	8	0	5	2	0	0.8	262	10.2	78	989.7
05/01/2022	23:00:00 - 23:15:00	10	0	6	3	0	0.5	237	9.9	79	989.8
05/01/2022	23:15:00 - 23:30:00	9	0	5	3	0	0.5	249	9.3	81	989.7
05/01/2022	23:30:00 - 23:45:00	9	1	5	3	0	0.7	254	9.3	82	989.7
05/02/2022	23:45:00 - 00:00:00	9	0	5	3	0	0.9	261	9.6	80	989.6
05/02/2022	00:00:00 - 00:15:00	8	0	5	3	0	1.0	256	9.6	80	989.7
05/02/2022	00:15:00 - 00:30:00	8	0	5	3	0	0.9	251	9.5	80	989.8
05/02/2022	00:30:00 - 00:45:00	8	0	5	3	0	1.0	263	9.3	80	989.8
05/02/2022	00:45:00 - 01:00:00	8	0	5	3	0	1.1	261	9.2	80	989.9
05/02/2022	01:00:00 - 01:15:00	8	0	5	3	0	0.7	246	8.9	82	989.9
05/02/2022	01:15:00 - 01:30:00	9	1	5	3	0	1.1	261	8.5	84	990.0
05/02/2022	01:30:00 - 01:45:00	9	1	5	3	0	1.5	262	8.5	84	990.1
05/02/2022	01:45:00 - 02:00:00	9	0	5	3	0	1.4	265	8.5	83	990.3
05/02/2022	02:00:00 - 02:15:00	9	0	5	3	0	1.3	265	8.4	83	990.4
05/02/2022	02:15:00 - 02:30:00	9	0	5	3	0	1.6	264	8.3	83	990.6
05/02/2022	02:30:00 - 02:45:00	9	0	5	3	0	1.4	262	8.3	83	990.6
05/02/2022	02:45:00 - 03:00:00	9	1	5	3	0	1.2	261	8.1	83	990.5
05/02/2022	03:00:00 - 03:15:00	9	1	5	3	0	1.2	258	8.0	83	990.5
05/02/2022	03:15:00 - 03:30:00	9	1	5	3	0	0.7	241	7.6	84	990.7
05/02/2022	03:30:00 - 03:45:00	9	1	5	3	0	0.5	252	7.1	86	990.9
05/02/2022	03:45:00 - 04:00:00	9	1	5	3	0	0.8	261	6.9	88	991.2

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. [° Celcius]	Relative Humidity [%]	Barometric Pressure [mb]
05/02/2022	04:00:00 - 04:15:00	9	1	5	3	0	0.6	254	6.7	88	991.2
05/02/2022	04:15:00 - 04:30:00	9	1	6	3	0	0.5	271	6.4	89	991.3
05/02/2022	04:30:00 - 04:45:00	9	1	6	4	1	0.6	266	6.4	89	991.3
05/02/2022	04:45:00 - 05:00:00	9	1	6	4	1	0.5	275	6.2	89	991.2
05/02/2022	05:00:00 - 05:15:00	9	2	6	4	1	0.8	259	6.0	90	990.9
05/02/2022	05:15:00 - 05:30:00	9	2	6	4	1	0.9	262	6.0	90	990.9
05/02/2022	05:30:00 - 05:45:00	9	2	6	4	1	0.7	261	6.0	90	990.8
05/02/2022	05:45:00 - 06:00:00	9	2	6	4	1	0.6	253.8	5.7	90.3	990.9
05/02/2022	06:00:00 - 06:15:00	9	2	6	4	1	0.7	224.9	5.9	90.8	991.3
05/02/2022	06:15:00 - 06:30:00	9	2	6	4	1	0.7	263.4	6.5	88.9	991.6
05/02/2022	06:30:00 - 06:45:00	9	2	6	4	1	0.7	256.5	7.3	86.0	991.8
05/02/2022	06:45:00 - 07:00:00	9	1	6	4	1	1.1	261.2	7.7	83.3	992.1
05/02/2022	07:00:00 - 07:15:00	9	1	6	4	1	1.1	244.0	8.0	82.4	992.3
05/02/2022	07:15:00 - 07:30:00	9	1	5	3	0	1.5	265.8	8.5	80.9	992.3
05/02/2022	07:30:00 - 07:45:00	9	0	5	3	0	1.9	272.7	8.9	79.5	992.6
05/02/2022	07:45:00 - 08:00:00	9	0	5	3	0	1.8	288.7	9.2	78.7	992.7
05/02/2022	08:00:00 - 08:15:00	9	0	5	3	0	2.1	292.3	9.5	78.8	992.8
05/02/2022	08:15:00 - 08:30:00	9	0	5	3	0	1.9	289.9	10.1	77.7	993.0
05/02/2022	08:30:00 - 08:45:00	9	0	5	2	0	1.5	305.9	10.5	75.7	993.0
05/02/2022	08:45:00 - 09:00:00	9	0	5	2	0	1.6	312.7	10.8	73.8	992.9
05/02/2022	09:00:00 - 09:15:00	10	0	6	2	0	1.6	313.9	11.1	72.5	992.8
05/02/2022	09:15:00 - 09:30:00	10	1	5	2	0	1.2	296.9	11.8	70.0	992.8
05/02/2022	09:30:00 - 09:45:00	9	0	5	2	0	0.8	270.9	11.7	68.6	992.8
05/02/2022	09:45:00 - 10:00:00	11	0	5	2	0	0.8	260.1	12.2	67.8	992.6
05/02/2022	10:00:00 - 10:15:00	11	0	5	2	0	1.3	331.1	12.4	67.9	992.5
05/02/2022	10:15:00 - 10:30:00	10	0	5	2	0	1.0	290.9	12.7	67.5	992.7
05/02/2022	10:30:00 - 10:45:00	10	0	5	2	0	1.2	292.3	13.1	65.7	992.7
05/02/2022	10:45:00 - 11:00:00	11	0	5	2	0	1.5	298.4	13.2	64.9	992.6
05/02/2022	11:00:00 - 11:15:00	10	0	4	2	0	0.8	300.5	13.6	63.6	992.4
05/02/2022	11:15:00 - 11:30:00	10	0	4	2	0	0.8	299.5	13.7	64.0	992.5
05/02/2022	11:30:00 - 11:45:00	10	0	4	2	0	1.1	337	14.1	63	992.1
05/02/2022	11:45:00 - 12:00:00	10	1	4	2	0	0.7	248	14.5	62	992.0
05/02/2022	12:00:00 - 12:15:00	10	1	4	2	0	0.7	354	14.5	61	991.9
05/02/2022	12:15:00 - 12:30:00	10	0	4	2	0	0.8	285	14.7	60	991.6
05/02/2022	12:30:00 - 12:45:00	11	0	4	2	0	0.5	263	15.5	58	991.8

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

Appendix A: Complete Preliminary Data Record

4/27/2022																				
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 4:00 PM.

4/28/2022																				
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 4:00 pm

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

Appendix A: Complete Preliminary Data Record

4/29/2022				
Site Name	Morning Reading		Afternoon Reading	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	804	0.0	1304	0.0
SAM-2	801	0.0	1301	0.0
SAM-3	812	0.0	1312	0.0
SAM-4	807	0.0	1307	0.0
IMPL-A	800	0.0	1300	0.0
IMPL-B	801	0.0	1301	0.0
IMPL-C	802	0.0	1302	0.0
IMPL-D	803	0.0	1303	0.0
IMPL-E	805	0.0	1305	0.0
IMPL-F	806	0.0	1306	0.0
IMPL-G	808	0.0	1308	0.0
IMPL-H	809	0.0	1309	0.0
IMPL-I	810	0.0	1310	0.0
IMPL-J	811	0.0	1311	0.0
IMPL-K	813	0.0	1313	0.0
IMPL-L	814	0.0	1314	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Measurements are made twice daily during post remediation

4/30/2022				
Site Name	Morning Reading		Afternoon Reading	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	804	0.0	1504	0.0
SAM-2	801	0.0	1501	0.0
SAM-3	812	0.0	1512	0.0
SAM-4	807	0.0	1507	0.0
IMPL-A	800	0.0	1500	0.0
IMPL-B	801	0.0	1501	0.0
IMPL-C	802	0.0	1502	0.0
IMPL-D	803	0.0	1503	0.0
IMPL-E	805	0.0	1505	0.0
IMPL-F	806	0.0	1506	0.0
IMPL-G	808	0.0	1508	0.0
IMPL-H	809	0.0	1509	0.0
IMPL-I	810	0.0	1510	0.0
IMPL-J	811	0.0	1511	0.0
IMPL-K	813	0.0	1513	0.0
IMPL-L	814	0.0	1514	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Measurements are made twice daily during post remediation

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

Appendix A: Complete Preliminary Data Record

5/1/2022				
Site Name	Morning Reading		Afternoon Reading	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	1004	0.0	1304	0.0
SAM-2	1001	0.0	1301	0.0
SAM-3	1012	0.0	1312	0.0
SAM-4	1007	0.0	1307	0.0
IMPL-A	1000	0.0	1300	0.0
IMPL-B	1001	0.0	1301	0.0
IMPL-C	1002	0.0	1302	0.0
IMPL-D	1003	0.0	1303	0.0
IMPL-E	1005	0.0	1305	0.0
IMPL-F	1006	0.0	1306	0.0
IMPL-G	1008	0.0	1308	0.0
IMPL-H	1009	0.0	1309	0.0
IMPL-I	1010	0.0	1310	0.0
IMPL-J	1011	0.0	1311	0.0
IMPL-K	1013	0.0	1313	0.0
IMPL-L	1014	0.0	1314	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Measurements are made twice daily during post remediation

5/2/2022				
Site Name	Morning Reading		Afternoon Reading	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	804	0.0	1504	0.0
SAM-2	801	0.0	1501	0.0
SAM-3	812	0.0	1512	0.0
SAM-4	807	0.0	1507	0.0
IMPL-A	800	0.0	1500	0.0
IMPL-B	801	0.0	1501	0.0
IMPL-C	802	0.0	1502	0.0
IMPL-D	803	0.0	1503	0.0
IMPL-E	805	0.0	1505	0.0
IMPL-F	806	0.0	1506	0.0
IMPL-G	808	0.0	1508	0.0
IMPL-H	809	0.0	1509	0.0
IMPL-I	810	0.0	1510	0.0
IMPL-J	811	0.0	1511	0.0
IMPL-K	813	0.0	1513	0.0
IMPL-L	814	0.0	1514	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Measurements are made twice daily during post remediation

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

Appendix A: Complete Preliminary Data Record

5/3/2022				
Site Name	Morning Reading		Afternoon Reading	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	804	0.0	1504	0.0
SAM-2	801	0.0	1501	0.0
SAM-3	812	0.0	1512	0.0
SAM-4	807	0.0	1507	0.0
IMPL-A	800	0.0	1500	0.0
IMPL-B	801	0.0	1501	0.0
IMPL-C	802	0.0	1502	0.0
IMPL-D	803	0.0	1503	0.0
IMPL-E	805	0.0	1505	0.0
IMPL-F	806	0.0	1506	0.0
IMPL-G	808	0.0	1508	0.0
IMPL-H	809	0.0	1509	0.0
IMPL-I	810	0.0	1510	0.0
IMPL-J	811	0.0	1511	0.0
IMPL-K	813	0.0	1513	0.0
IMPL-L	814	0.0	1514	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.
Measurements are made twice daily during post remediation

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
	CLIENTSAMPID	Start Date/Time				
EPA 325	20220406-20-SE-SAM1	4/6/2022 10:13	µg/m ³	0.20	U	Styrene
EPA 325	20220406-20-SE-SAM1	4/6/2022 10:13	µg/m ³	0.85		Benzene
EPA 325	20220406-20-SE-SAM1	4/6/2022 10:13	µg/m ³	1.4		Toluene
EPA 325	20220406-20-SE-SAM1	4/6/2022 10:13	µg/m ³	0.28	U	Ethyl Benzene
EPA 325	20220406-20-SE-SAM1	4/6/2022 10:13	µg/m ³	0.37	J	m,p-Xylene
EPA 325	20220406-20-SE-SAM1	4/6/2022 10:13	µg/m ³	0.28	U	o-Xylene
EPA 325	20220406-20-NE-SAM2	4/6/2022 11:19	µg/m ³	0.20	U	Styrene
EPA 325	20220406-20-NE-SAM2	4/6/2022 11:19	µg/m ³	0.87		Benzene
EPA 325	20220406-20-NE-SAM2	4/6/2022 11:19	µg/m ³	0.49	J	Toluene
EPA 325	20220406-20-NE-SAM2	4/6/2022 11:19	µg/m ³	0.28	U	Ethyl Benzene
EPA 325	20220406-20-NE-SAM2	4/6/2022 11:19	µg/m ³	0.28	U	m,p-Xylene
EPA 325	20220406-20-NE-SAM2	4/6/2022 11:19	µg/m ³	0.28	U	o-Xylene
EPA 325	20220406-20-SE-SAM3	4/6/2022 10:31	µg/m ³	0.20	U	Styrene
EPA 325	20220406-20-SE-SAM3	4/6/2022 10:31	µg/m ³	0.88		Benzene
EPA 325	20220406-20-SE-SAM3	4/6/2022 10:31	µg/m ³	0.54		Toluene
EPA 325	20220406-20-SE-SAM3	4/6/2022 10:31	µg/m ³	0.28	U	Ethyl Benzene
EPA 325	20220406-20-SE-SAM3	4/6/2022 10:31	µg/m ³	0.28	U	m,p-Xylene
EPA 325	20220406-20-SE-SAM3	4/6/2022 10:31	µg/m ³	0.28	U	o-Xylene
EPA 325	20220406-20-NW-SAM4	4/6/2022 11:03	µg/m ³	0.20	U	Styrene
EPA 325	20220406-20-NW-SAM4	4/6/2022 11:03	µg/m ³	0.61		Benzene
EPA 325	20220406-20-NW-SAM4	4/6/2022 11:03	µg/m ³	0.44	J	Toluene
EPA 325	20220406-20-NW-SAM4	4/6/2022 11:03	µg/m ³	0.28	U	Ethyl Benzene
EPA 325	20220406-20-NW-SAM4	4/6/2022 11:03	µg/m ³	0.28	U	m,p-Xylene
EPA 325	20220406-20-NW-SAM4	4/6/2022 11:03	µg/m ³	0.28	U	o-Xylene
EPA 325	20220406-20-SW-SAM5	4/6/2022 10:48	µg/m ³	0.20	U	Styrene
EPA 325	20220406-20-SW-SAM5	4/6/2022 10:48	µg/m ³	0.86		Benzene
EPA 325	20220406-20-SW-SAM5	4/6/2022 10:48	µg/m ³	0.46	J	Toluene
EPA 325	20220406-20-SW-SAM5	4/6/2022 10:48	µg/m ³	0.28	U	Ethyl Benzene
EPA 325	20220406-20-SW-SAM5	4/6/2022 10:48	µg/m ³	0.28	U	m,p-Xylene
EPA 325	20220406-20-SW-SAM5	4/6/2022 10:48	µg/m ³	0.28	U	o-Xylene
EPA 325	20220406-20-SAM6	4/6/2022 11:22	µg/m ³	0.20	U	Styrene
EPA 325	20220406-20-SAM6	4/6/2022 11:22	µg/m ³	0.36	J	Benzene
EPA 325	20220406-20-SAM6	4/6/2022 11:22	µg/m ³	0.24	U	Toluene
EPA 325	20220406-20-SAM6	4/6/2022 11:22	µg/m ³	0.28	U	Ethyl Benzene
EPA 325	20220406-20-SAM6	4/6/2022 11:22	µg/m ³	0.28	U	m,p-Xylene
EPA 325	20220406-20-SAM6	4/6/2022 11:22	µg/m ³	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.

Appendix B: Complete Preliminary Lab Result Data

Method	Sample			Units	Results	Data Flags	Compound Name
	ID	Start Date/Time	End Date/Time				
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Naphthalene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	2-Methylnaphthalene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	2-Chloronaphthalene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Acenaphthylene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Acenaphthene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Fluorene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Phenanthrene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Anthracene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Fluoranthene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Pyrene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Chrysene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Benzo(a)anthracene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Benzo(b)fluoranthene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Benzo(k)fluoranthene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Benzo(a)pyrene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	%R	85		Fluorene-d10
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	%R	106		Pyrene-d10
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	%R	108		Benzo(a)pyrene-d12
TO-13A	20220413-15-SE-SAM1	04/13/2022 08:28	04/15/2022 10:45	%R	84		Fluoranthene-d10
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Naphthalene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	2-Methylnaphthalene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	2-Chloronaphthalene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Acenaphthylene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Acenaphthene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Fluorene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Phenanthrene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Anthracene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Fluoranthene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Pyrene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Chrysene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Benzo(a)anthracene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Benzo(b)fluoranthene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Benzo(k)fluoranthene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Benzo(a)pyrene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	%R	86		Fluorene-d10
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	%R	107		Pyrene-d10
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	%R	113		Benzo(a)pyrene-d12
TO-13A	20220413-15-SW-SAM2	04/13/2022 08:48	04/15/2022 10:34	%R	86		Fluoranthene-d10
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Naphthalene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	2-Methylnaphthalene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	2-Chloronaphthalene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Acenaphthylene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Acenaphthene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Fluorene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Phenanthrene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Anthracene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Fluoranthene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Pyrene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Chrysene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Benzo(a)anthracene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	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	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Benzo(k)fluoranthene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Benzo(a)pyrene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	%R	85		Fluorene-d10
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	%R	104		Pyrene-d10
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	%R	106		Benzo(a)pyrene-d12
TO-13A	20220413-15-SE-SAM3	04/13/2022 08:21	04/15/2022 10:42	%R	83		Fluoranthene-d10
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Naphthalene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	2-Methylnaphthalene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	2-Chloronaphthalene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Acenaphthylene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Acenaphthene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Fluorene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Phenanthrene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Anthracene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Fluoranthene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Pyrene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Chrysene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Benzo(a)anthracene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Benzo(b)fluoranthene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Benzo(k)fluoranthene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Benzo(a)pyrene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	%R	72		Fluorene-d10
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	%R	88		Pyrene-d10
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	%R	88		Benzo(a)pyrene-d12
TO-13A	20220413-15-NW-SAM4	04/13/2022 08:43	04/15/2022 10:26	%R	69		Fluoranthene-d10
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Naphthalene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	2-Methylnaphthalene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	2-Chloronaphthalene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Acenaphthylene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Acenaphthene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Fluorene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Phenanthrene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Anthracene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Fluoranthene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Pyrene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Chrysene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Benzo(a)anthracene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Benzo(b)fluoranthene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Benzo(k)fluoranthene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Benzo(a)pyrene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	%R	76		Fluorene-d10
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	%R	92		Pyrene-d10
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	%R	95		Benzo(a)pyrene-d12
TO-13A	20220413-15-SW-SAM5	04/13/2022 09:00	04/15/2022 10:21	%R	72		Fluoranthene-d10

ND - Non Detected

J - Estimated value

E - Exceeds instrument calibration range

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

Q - Exceeds quality control limits

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

S - Saturated peak

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	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Naphthalene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	2-Methylnaphthalene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	2-Chloronaphthalene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Acenaphthylene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Acenaphthene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Fluorene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Phenanthrene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Anthracene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Fluoranthene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Pyrene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Chrysene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Benzo(a)anthracene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Benzo(b)fluoranthene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Benzo(k)fluoranthene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Benzo(a)pyrene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	%R	78		Fluorene-d10
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	%R	91		Pyrene-d10
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	%R	90		Benzo(a)pyrene-d12
TO-13A	20220418-20-SE-SAM1	04/18/2022 08:35	04/20/2022 07:30	%R	74		Fluoranthene-d10
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Naphthalene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	2-Methylnaphthalene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	2-Chloronaphthalene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Acenaphthylene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Acenaphthene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Fluorene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Phenanthrene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Anthracene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Fluoranthene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Pyrene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Chrysene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Benzo(a)anthracene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Benzo(b)fluoranthene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Benzo(k)fluoranthene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Benzo(a)pyrene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	%R	83		Fluorene-d10
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	%R	87		Pyrene-d10
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	%R	100		Benzo(a)pyrene-d12
TO-13A	20220418-20-NE-SAM2	04/18/2022 08:47	04/20/2022 07:17	%R	69		Fluoranthene-d10
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Naphthalene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	2-Methylnaphthalene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	2-Chloronaphthalene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Acenaphthylene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Acenaphthene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Fluorene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Phenanthrene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Anthracene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Fluoranthene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Pyrene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Chrysene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Benzo(a)anthracene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	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	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Benzo(k)fluoranthene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Benzo(a)pyrene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	%R	88		Fluorene-d10
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	%R	108		Pyrene-d10
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	%R	104		Benzo(a)pyrene-d12
TO-13A	20220418-20-SE-SAM3	04/18/2022 08:32	04/20/2022 07:26	%R	89		Fluoranthene-d10
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Naphthalene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	2-Methylnaphthalene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	2-Chloronaphthalene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Acenaphthylene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Acenaphthene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Fluorene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Phenanthrene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Anthracene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Fluoranthene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Pyrene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Chrysene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Benzo(a)anthracene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Benzo(b)fluoranthene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Benzo(k)fluoranthene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Benzo(a)pyrene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	%R	85		Fluorene-d10
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	%R	97		Pyrene-d10
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	%R	96		Benzo(a)pyrene-d12
TO-13A	20220418-20-NW-SAM4	04/18/2022 08:51	04/20/2022 07:08	%R	89		Fluoranthene-d10
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Naphthalene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	2-Methylnaphthalene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	2-Chloronaphthalene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Acenaphthylene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Acenaphthene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Fluorene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Phenanthrene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Anthracene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Fluoranthene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Pyrene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Chrysene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Benzo(a)anthracene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Benzo(b)fluoranthene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Benzo(k)fluoranthene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Benzo(a)pyrene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	%R	88		Fluorene-d10
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	%R	107		Pyrene-d10
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	%R	103		Benzo(a)pyrene-d12
TO-13A	20220418-20-SW-SAM5	04/18/2022 09:04	04/20/2022 07:05	%R	86		Fluoranthene-d10

ND - Non Detected

J - Estimated value

E - Exceeds instrument calibration range

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

Q - Exceeds quality control limits

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

S - Saturated peak

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	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Naphthalene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	2-Methylnaphthalene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	2-Chloronaphthalene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Acenaphthylene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Acenaphthene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Fluorene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Phenanthrene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Anthracene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Fluoranthene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Pyrene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Chrysene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Benzo(a)anthracene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Benzo(b)fluoranthene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Benzo(k)fluoranthene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Benzo(a)pyrene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	%R	81		Fluorene-d10
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	%R	101		Pyrene-d10
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	%R	100		Benzo(a)pyrene-d12
TO-13A	20220420-22-SE-SAM1	04/20/2022 07:45	04/22/2022 09:43	%R	92		Fluoranthene-d10
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Naphthalene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	2-Methylnaphthalene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	2-Chloronaphthalene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Acenaphthylene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Acenaphthene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Fluorene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Phenanthrene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Anthracene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Fluoranthene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Pyrene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Chrysene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Benzo(a)anthracene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Benzo(b)fluoranthene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Benzo(k)fluoranthene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Benzo(a)pyrene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	%R	73		Fluorene-d10
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	%R	81		Pyrene-d10
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	%R	88		Benzo(a)pyrene-d12
TO-13A	20220420-22-NE-SAM2	04/20/2022 07:50	04/22/2022 09:36	%R	71		Fluoranthene-d10
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Naphthalene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	2-Methylnaphthalene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	2-Chloronaphthalene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Acenaphthylene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Acenaphthene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Fluorene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Phenanthrene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Anthracene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Fluoranthene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Pyrene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Chrysene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Benzo(a)anthracene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	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	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Benzo(k)fluoranthene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Benzo(a)pyrene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	%R	83		Fluorene-d10
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	%R	100		Pyrene-d10
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	%R	97		Benzo(a)pyrene-d12
TO-13A	20220420-22-SE-SAM3	04/20/2022 07:42	04/22/2022 09:39	%R	67		Fluoranthene-d10
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Naphthalene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	2-Methylnaphthalene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	2-Chloronaphthalene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Acenaphthylene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Acenaphthene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Fluorene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Phenanthrene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Anthracene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Fluoranthene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Pyrene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Chrysene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Benzo(a)anthracene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Benzo(b)fluoranthene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Benzo(k)fluoranthene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Benzo(a)pyrene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	%R	68		Fluorene-d10
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	%R	89		Pyrene-d10
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	%R	105		Benzo(a)pyrene-d12
TO-13A	20220420-22-NW-SAM4	04/20/2022 07:51	04/22/2022 09:06	%R	83		Fluoranthene-d10
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Naphthalene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	2-Methylnaphthalene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	2-Chloronaphthalene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Acenaphthylene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Acenaphthene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Fluorene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Phenanthrene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Anthracene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Fluoranthene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Pyrene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Chrysene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Benzo(a)anthracene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Benzo(b)fluoranthene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Benzo(k)fluoranthene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Benzo(a)pyrene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	%R	72		Fluorene-d10
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	%R	94		Pyrene-d10
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	%R	89		Benzo(a)pyrene-d12
TO-13A	20220420-22-SW-SAM5	04/20/2022 07:55	04/22/2022 09:02	%R	69		Fluoranthene-d10

ND - Non Detected

J - Estimated value

E - Exceeds instrument calibration range

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

Q - Exceeds quality control limits

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

S - Saturated peak

N - The identification is based on presumptive evidence.

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ERM Rolling Meadows

One Continental Towers
1701 Golf Road, Suite 1-700
Rolling Meadows, IL 60008

T: +1 847 258 8900

F: +1 847 713-4813

www.erm.com