

# Ameren Champaign MGP - Fifth Street

Weekly Air Monitoring Report

25 April 2022

Project No.: 0529307

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## 1. INTRODUCTION

Environmental Resources Management, Inc. (ERM) installed five stationary air monitors (SAMs) at four locations around the perimeter of the remediation site to monitor dust levels (PM<sub>10</sub>), 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 5<sup>th</sup> 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 13, 2022 through April 19, 2022. The laboratory results that are presented were collected between March 23 and April 8, 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. Some PM<sub>10</sub> data were unavailable for a few hours on April 13 due to routine maintenance. 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, $\mu\text{g}/\text{m}^3$ )	4/6/2022 – 4/12/2022	0	17	360
VOC (1-minute average, ppm)	4/6/2022 – 4/12/2022	0	0.0	0.5
Benzene, Real-time GC (1-minute average $\mu\text{g}/\text{m}^3$ )	4/6/2022 – 4/12/2022	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, $\mu\text{g}/\text{m}^3$ )	4/13/2022 – 4/19/2022	0	NM	156.7
Styrene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$ )	3/23/2022 – 4/6/2022	0	0.20	205,000
Benzene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$ )	3/23/2022 – 4/6/2022	0	1.5	16.5
Toluene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$ )	3/23/2022 – 4/6/2022	0	0.92	23,400
Xylenes (total), Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$ )	3/23/2022 – 4/6/2022	0	0.90	41,000
Ethylbenzene, Method 325B (14-day sample period, $\mu\text{g}/\text{m}^3$ )	3/23/2022 – 4/6/2022	0	0.28	59,400
2-methylnaphthalene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$ )	3/30/2022 – 4/8/2022	0	ND	820
Acenaphthene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$ )	3/30/2022 – 4/8/2022	0	ND	12,300
Acenaphthylene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$ )	3/30/2022 – 4/8/2022	0	ND	615
Anthracene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$ )	3/30/2022 – 4/8/2022	0	ND	615
Benzo(a)anthracene, Method TO-13A (3-day sample period, $\mu\text{g}/\text{m}^3$ )	3/30/2022 – 4/8/2022	0	ND	1.54

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(a)pyrene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	0.154
Benzo(k)fluoranthene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	15.4
Benzo(b)fluoranthene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	15.4
Chrysene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	154
Dibenzo(a,h)anthracene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	0.154
Fluoranthene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	8,200
Fluorene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	8,200
Indeno(1,2,3-cd)pyrene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	1.54
Napthalene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	0.52	176
Phenanthrene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	6,150
Pyrene, Method TO-13A (3-day sample period, µg/m <sup>3</sup> )	3/30/2022 – 4/8/2022	0	ND	6,150

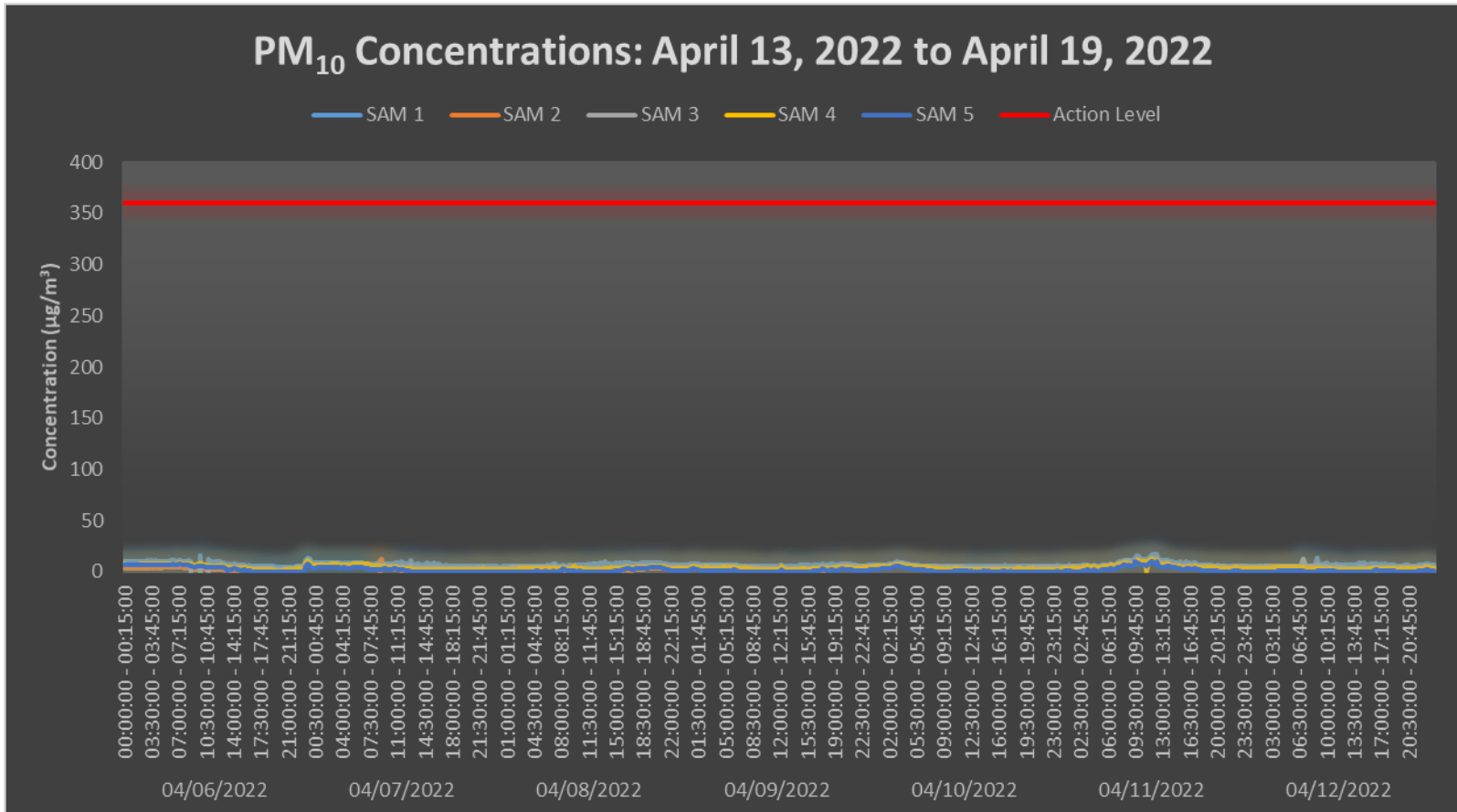
Data presented have yet to be fully quality-assured; final values may vary of these preliminary results once all quality control measures have been applied.

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

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

The preliminary (not fully quality-assured) data record for the reporting period is contained in Appendices A and B. PM<sub>10</sub> concentrations for the week are presented in Figure 2.

Figure 2: PM<sub>10</sub> Concentrations



**APPENDIX A      COMPLETE PRELIMINARY DATA RECORD**





Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/13/2022	00:00:00 - 00:15:00	10	3	7	7	7	1.9	192	18.8	89	977.6
04/13/2022	00:15:00 - 00:30:00	10	3	7	7	6	2.1	200	18.7	88	977.7
04/13/2022	00:30:00 - 00:45:00	10	3	7	7	7	1.7	199	18.8	87	978.2
04/13/2022	00:45:00 - 01:00:00	10	3	6	7	6	1.7	202	18.8	86	978.5
04/13/2022	01:00:00 - 01:15:00	10	3	7	7	7	1.8	200	18.9	86	978.7
04/13/2022	01:15:00 - 01:30:00	10	3	7	7	7	1.5	197	19.1	85	978.7
04/13/2022	01:30:00 - 01:45:00	10	3	7	7	7	2.5	201	19.2	84	978.4
04/13/2022	01:45:00 - 02:00:00	10	3	7	7	7	2.2	201	19.3	84	978.3
04/13/2022	02:00:00 - 02:15:00	10	3	7	7	7	1.9	199	19.2	84	978.1
04/13/2022	02:15:00 - 02:30:00	10	3	7	8	7	1.6	209	19.1	85	978.2
04/13/2022	02:30:00 - 02:45:00	10	4	7	8	7	1.5	201	18.9	86	978.4
04/13/2022	02:45:00 - 03:00:00	10	3	7	8	7	1.6	206	19.0	85	978.6
04/13/2022	03:00:00 - 03:15:00	11	4	7	8	7	2.1	204	19.1	85	978.7
04/13/2022	03:15:00 - 03:30:00	11	4	7	8	7	2.5	209	19.2	85	978.7
04/13/2022	03:30:00 - 03:45:00	11	4	7	8	7	1.6	207	18.9	86	978.8
04/13/2022	03:45:00 - 04:00:00	10	4	7	7	7	1.8	204	18.8	86	978.6
04/13/2022	04:00:00 - 04:15:00	11	4	7	8	7	1.4	198	18.6	86	978.4
04/13/2022	04:15:00 - 04:30:00	10	4	7	8	7	1.5	198	18.5	87	978.2
04/13/2022	04:30:00 - 04:45:00	10	4	7	8	7	1.3	204	18.3	87	978.0
04/13/2022	04:45:00 - 05:00:00	10	4	7	8	7	1.2	203	17.9	88	978.0
04/13/2022	05:00:00 - 05:15:00	10	4	7	8	7	1.3	194	17.5	90	978.0
04/13/2022	05:15:00 - 05:30:00	10	4	7	8	7	1.2	188	17.4	90	978.0
04/13/2022	05:30:00 - 05:45:00	10	4	7	8	7	1.3	198	17.2	90	977.8
04/13/2022	05:45:00 - 06:00:00	10	4	7	8	7	0.9	187	16.9	91	977.7
04/13/2022	06:00:00 - 06:15:00	11	4	7	8	7	0.7	197	16.6	92	977.4
04/13/2022	06:15:00 - 06:30:00	11	4	7	8	7	1.1	212	16.7	93	977.5
04/13/2022	06:30:00 - 06:45:00	11	4	7	8	7	0.9	239	16.9	93	978.4
04/13/2022	06:45:00 - 07:00:00	10	4	7	8	7	0.7	216	17.3	92	978.7
04/13/2022	07:00:00 - 07:15:00	11	4	7	9	7	1.5	212	17.5	91	978.5
04/13/2022	07:15:00 - 07:30:00	11	4	7	9	8	1.1	211	16.7	97	978.4
04/13/2022	07:30:00 - 07:45:00	10	4	7	8	7	1.5	216	16.6	98	978.7
04/13/2022	07:45:00 - 08:00:00	10	3	7	8	7	0.9	190	16.5	99	978.7
04/13/2022	08:00:00 - 08:15:00	10	4	7	8	7	0.9	165	16.5	99	978.4
04/13/2022	08:15:00 - 08:30:00	11	3	7	8	7	1.0	196	16.6	99	978.4
04/13/2022	08:30:00 - 08:45:00	11	3	7	8	6	1.0	192	16.7	99	978.3
04/13/2022	08:45:00 - 09:00:00	Offline	3	Offline	7	5	Offline	Offline	Offline	Offline	Offline
04/13/2022	09:00:00 - 09:15:00	Offline	2	Offline	7	4	Offline	Offline	Offline	Offline	Offline
04/13/2022	09:15:00 - 09:30:00	Offline	3	Offline	7	5	Offline	Offline	Offline	Offline	Offline
04/13/2022	09:30:00 - 09:45:00	Offline	3	Offline	7	6	Offline	Offline	Offline	Offline	Offline
04/13/2022	09:45:00 - 10:00:00	16	3	9	7	6	Offline	Offline	Offline	Offline	Offline
04/13/2022	10:00:00 - 10:15:00	Offline	3	Offline	7	6	Offline	Offline	Offline	Offline	Offline
04/13/2022	10:15:00 - 10:30:00	Offline	3	Offline	7	5	Offline	Offline	Offline	Offline	Offline
04/13/2022	10:30:00 - 10:45:00	Offline	3	Offline	7	5	Offline	Offline	Offline	Offline	Offline
04/13/2022	10:45:00 - 11:00:00	13	2	7	6	4	Offline	Offline	Offline	Offline	Offline
04/13/2022	11:00:00 - 11:15:00	10	2	6	6	4	1.5	185	17.9	100	977.0
04/13/2022	11:15:00 - 11:30:00	10	2	6	6	4	1.6	187	18.3	99	977.0
04/13/2022	11:30:00 - 11:45:00	9	2	6	6	4	1.7	181	18.5	97	976.9
04/13/2022	11:45:00 - 12:00:00	10	2	6	6	4	1.7	198	18.8	95	976.9
04/13/2022	12:00:00 - 12:15:00	10	2	6	6	5	1.9	198	18.8	94	976.8
04/13/2022	12:15:00 - 12:30:00	10	2	6	6	5	1.7	191	19.0	94	976.6
04/13/2022	12:30:00 - 12:45:00	9	2	6	6	4	1.1	169	19.3	93	976.0
04/13/2022	12:45:00 - 13:00:00	9	2	6	6	4	1.6	183	19.4	92	975.7
04/13/2022	13:00:00 - 13:15:00	8	1	5	5	3	1.9	187	19.1	91	975.5
04/13/2022	13:15:00 - 13:30:00	7	0	4	4	1	2.1	186	18.5	91	975.4
04/13/2022	13:30:00 - 13:45:00	7	1	4	4	2	2.0	186	18.3	91	975.1
04/13/2022	13:45:00 - 14:00:00	7	1	4	4	2	3.2	204	18.6	91	975.7
04/13/2022	14:00:00 - 14:15:00	8	0	4	4	3	3.6	208	18.6	92	976.0
04/13/2022	14:15:00 - 14:30:00	8	0	4	4	3	3.2	202	18.7	93	976.0
04/13/2022	14:30:00 - 14:45:00	7	0	4	4	2	4.0	202	18.7	92	976.4
04/13/2022	14:45:00 - 15:00:00	6	0	4	4	2	4.5	207	17.7	96	976.6
04/13/2022	15:00:00 - 15:15:00	6	Offline	4	3	1	3.1	207	16.9	98	976.5
04/13/2022	15:15:00 - 15:30:00	7	Offline	4	4	2	3.0	208	16.6	100	976.5

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]
04/13/2022	15:30:00 - 15:45:00	7	Offline	4	4	2	2.7	209	16.5	100	976.7
04/13/2022	15:45:00 - 16:00:00	6	Offline	3	3	1	2.9	207	16.6	100	976.4
04/13/2022	16:00:00 - 16:15:00	6	Offline	4	3	1	2.3	212	16.7	100	976.3
04/13/2022	16:15:00 - 16:30:00	6	Offline	3	3	1	3.5	211	16.2	100	976.6
04/13/2022	16:30:00 - 16:45:00	5	Offline	3	2	0	2.2	211	15.5	100	976.1
04/13/2022	16:45:00 - 17:00:00	6	Offline	3	2	0	1.7	194	15.7	100	975.7
04/13/2022	17:00:00 - 17:15:00	5	Offline	3	2	0	2.6	205	15.8	100	975.9
04/13/2022	17:15:00 - 17:30:00	5	Offline	3	2	0	2.7	207	15.4	100	975.6
04/13/2022	17:30:00 - 17:45:00	5	Offline	3	2	0	1.9	144	15.1	100	973.6
04/13/2022	17:45:00 - 18:00:00	5	Offline	3	2	0	1.2	212	15.0	100	973.3
04/13/2022	18:00:00 - 18:15:00	5	Offline	3	2	0	1.7	213	15.1	100	974.5
04/13/2022	18:15:00 - 18:30:00	5	Offline	3	2	0	1.1	177	15.2	100	973.9
04/13/2022	18:30:00 - 18:45:00	5	Offline	3	2	0	1.9	200	15.3	99	974.0
04/13/2022	18:45:00 - 19:00:00	5	Offline	3	2	0	3.3	281	13.6	96	974.3
04/13/2022	19:00:00 - 19:15:00	6	Offline	3	3	0	3.6	290	11.2	97	974.9
04/13/2022	19:15:00 - 19:30:00	5	Offline	3	2	0	4.0	300	10.1	97	975.7
04/13/2022	19:30:00 - 19:45:00	4	Offline	2	1	0	4.2	304	8.4	97	976.2
04/13/2022	19:45:00 - 20:00:00	4	Offline	2	1	0	4.3	307	7.3	96	977.0
04/13/2022	20:00:00 - 20:15:00	4	Offline	2	1	0	4.3	307	7.0	96	977.4
04/13/2022	20:15:00 - 20:30:00	4	Offline	2	1	0	4.8	301	6.5	98	977.7
04/13/2022	20:30:00 - 20:45:00	4	Offline	3	2	0	4.3	311	6.2	98	978.0
04/13/2022	20:45:00 - 21:00:00	5	Offline	3	2	0	4.0	313	6.1	98	977.9
04/13/2022	21:00:00 - 21:15:00	4	Offline	3	2	0	4.0	314	5.9	98	978.0
04/13/2022	21:15:00 - 21:30:00	4	Offline	3	2	0	3.5	320	5.8	98	978.0
04/13/2022	21:30:00 - 21:45:00	4	Offline	3	2	0	4.0	307	5.9	98	978.4
04/13/2022	21:45:00 - 22:00:00	4	Offline	3	2	0	4.5	307	6.0	97	978.7
04/13/2022	22:00:00 - 22:15:00	5	Offline	4	3	0	4.6	303	5.9	95	979.6
04/13/2022	22:15:00 - 22:30:00	5	Offline	4	3	0	4.3	303	5.9	94	980.2
04/13/2022	22:30:00 - 22:45:00	5	Offline	4	3	0	4.0	300	5.8	93	981.0
04/13/2022	22:45:00 - 23:00:00	5	Offline	4	3	0	3.7	303	5.7	93	981.4
04/13/2022	23:00:00 - 23:15:00	6	Offline	4	4	0	3.9	298	5.5	92	981.6
04/13/2022	23:15:00 - 23:30:00	11	Offline	8	9	5	4.0	283	5.0	93	982.2
04/13/2022	23:30:00 - 23:45:00	13	Offline	10	11	8	4.8	289	4.2	94	982.8
04/13/2022	23:45:00 - 00:00:00	12	Offline	9	9	6	5.0	290	3.8	93	983.3
04/14/2022	00:00:00 - 00:15:00	9	Offline	6	6	3	4.2	294	3.7	91	983.5
04/14/2022	00:15:00 - 00:30:00	9	Offline	7	6	3	3.9	292	3.4	89	983.8
04/14/2022	00:30:00 - 00:45:00	9	Offline	7	7	4	4.0	289	3.1	88	984.2
04/14/2022	00:45:00 - 01:00:00	9	Offline	7	7	4	3.8	287	2.9	88	984.3
04/14/2022	01:00:00 - 01:15:00	9	Offline	7	7	4	3.8	288	2.7	88	984.6
04/14/2022	01:15:00 - 01:30:00	9	Offline	7	7	4	3.6	289	2.5	88	984.9
04/14/2022	01:30:00 - 01:45:00	9	Offline	7	7	4	3.4	281	2.4	88	985.3
04/14/2022	01:45:00 - 02:00:00	9	Offline	7	7	4	2.6	284	2.2	89	985.5
04/14/2022	02:00:00 - 02:15:00	9	Offline	7	7	4	2.9	285	2.1	89	985.4
04/14/2022	02:15:00 - 02:30:00	9	Offline	7	7	4	3.1	279	2.1	89	985.4
04/14/2022	02:30:00 - 02:45:00	9	Offline	7	7	4	2.6	278	2.0	89	985.5
04/14/2022	02:45:00 - 03:00:00	9	Offline	7	8	4	2.5	270	1.9	89	985.7
04/14/2022	03:00:00 - 03:15:00	9	Offline	8	8	4	1.9	274	1.7	90	985.9
04/14/2022	03:15:00 - 03:30:00	9	Offline	7	8	4	2.9	277	1.5	90	985.9
04/14/2022	03:30:00 - 03:45:00	9	Offline	7	7	4	2.6	271	1.5	90	985.9
04/14/2022	03:45:00 - 04:00:00	8	Offline	7	7	4	2.2	271	1.5	90	986
04/14/2022	04:00:00 - 04:15:00	8	Offline	7	7	4	1.5	270	1.3	91	986
04/14/2022	04:15:00 - 04:30:00	9	Offline	7	7	4	1.1	267	1.2	92	986
04/14/2022	04:30:00 - 04:45:00	8	Offline	7	7	4	0.9	254	0.9	93	986
04/14/2022	04:45:00 - 05:00:00	8	Offline	7	7	3	1.3	234	1.0	93	986
04/14/2022	05:00:00 - 05:15:00	8	Offline	7	7	4	1.3	233	0.9	93	986
04/14/2022	05:15:00 - 05:30:00	9	Offline	7	7	4	1.7	223	0.9	94	986
04/14/2022	05:30:00 - 05:45:00	9	Offline	8	8	4	2.1	226	0.9	94	986
04/14/2022	05:45:00 - 06:00:00	9	Offline	8	8	4	2.0	224	0.9	94	986
04/14/2022	06:00:00 - 06:15:00	9	Offline	8	8	4	2.3	221	1.0	94	987
04/14/2022	06:15:00 - 06:30:00	9	Offline	7	8	4	2.2	226	1.2	93	987
04/14/2022	06:30:00 - 06:45:00	9	Offline	7	8	4	2.9	220	1.5	93	987
04/14/2022	06:45:00 - 07:00:00	8	Offline	7	8	3	2.2	227	1.8	91	987

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. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celsius]	Relative Humidity [%]	Barometric Pressure [mb]
04/14/2022	07:00:00 - 07:15:00	8	Offline	7	8	3	2.6	223	2.2	89	987
04/14/2022	07:15:00 - 07:30:00	8	Offline	7	7	3	2.4	227	2.5	88	987
04/14/2022	07:30:00 - 07:45:00	7	Offline	6	7	2	2.2	225	3.0	86	987
04/14/2022	07:45:00 - 08:00:00	7	Offline	6	6	2	2.7	223	3.4	84	987
04/14/2022	08:00:00 - 08:15:00	7	Offline	6	5	2	2.2	231	4.2	82	988
04/14/2022	08:15:00 - 08:30:00	8	Offline	6	5	2	2.2	241	4.9	79	988
04/14/2022	08:30:00 - 08:45:00	8	Offline	6	5	2	2.5	248	5.2	79	989
04/14/2022	08:45:00 - 09:00:00	8	11	6	5	2	Offline	Offline	Offline	Offline	Offline
04/14/2022	09:00:00 - 09:15:00	8	13	6	5	2	3.2	266	7.1	71	988.7
04/14/2022	09:15:00 - 09:30:00	8	6	6	5	3	3.4	265	7.2	69	988.8
04/14/2022	09:30:00 - 09:45:00	8	5	6	5	3	3.6	259	7.6	67	988.9
04/14/2022	09:45:00 - 10:00:00	8	4	6	4	2	3.8	263	8.2	61	989.0
04/14/2022	10:00:00 - 10:15:00	8	3	5	4	3	3.5	255	8.7	59	989.2
04/14/2022	10:15:00 - 10:30:00	8	3	5	4	3	3.0	252	8.9	58	989.4
04/14/2022	10:30:00 - 10:45:00	7	2	5	4	3	2.7	231	9.2	58	989.5
04/14/2022	10:45:00 - 11:00:00	9	2	6	4	3	3.0	236	9.4	58	989.6
04/14/2022	11:00:00 - 11:15:00	9	2	6	4	2	3.5	254	9.8	55	989.7
04/14/2022	11:15:00 - 11:30:00	8	2	4	4	2	3.8	265	10.0	55	989.6
04/14/2022	11:30:00 - 11:45:00	10	1	6	3	2	3.0	243	10.5	50	989.6
04/14/2022	11:45:00 - 12:00:00	8	1	4	3	2	3.2	247	10.6	51	989.5
04/14/2022	12:00:00 - 12:15:00	7	1	4	3	1	2.6	236	11.4	47	989.3
04/14/2022	12:15:00 - 12:30:00	8	0	4	3	1	2.9	254	11.9	44	989.2
04/14/2022	12:30:00 - 12:45:00	8	0	4	3	1	3.1	244	12.0	41	989.2
04/14/2022	12:45:00 - 13:00:00	11	0	7	3	0	3.1	244	12.1	38	989.1
04/14/2022	13:00:00 - 13:15:00	7	0	3	2	0	3.5	261	12.4	38	989.0
04/14/2022	13:15:00 - 13:30:00	7	0	4	2	0	2.9	247	12.6	38	988.9
04/14/2022	13:30:00 - 13:45:00	8	0	4	2	0	3.5	256	12.7	37	988.8
04/14/2022	13:45:00 - 14:00:00	8	0	4	2	0	3.4	250	12.9	36	988.6
04/14/2022	14:00:00 - 14:15:00	6	0	3	2	0	3.1	236	12.9	37	988.6
04/14/2022	14:15:00 - 14:30:00	7	0	4	2	0	3.3	243	12.7	36	988.6
04/14/2022	14:30:00 - 14:45:00	7	0	4	2	0	3.7	256	13.0	35	988.5
04/14/2022	14:45:00 - 15:00:00	9	0	4	2	0	3.9	251	13.5	35	988.2
04/14/2022	15:00:00 - 15:15:00	6	0	3	2	0	3.9	250	13.7	33	988.1
04/14/2022	15:15:00 - 15:30:00	8	0	4	2	0	4.0	255	13.6	33	988.0
04/14/2022	15:30:00 - 15:45:00	6	0	3	2	0	3.7	262	14.1	32	988.1
04/14/2022	15:45:00 - 16:00:00	9	0	4	2	0	4.6	263	13.8	33	988.0
04/14/2022	16:00:00 - 16:15:00	6	0	3	2	0	3.4	258	14.1	32	988.0
04/14/2022	16:15:00 - 16:30:00	7	0	4	2	0	3.5	251	14.1	30	988.0
04/14/2022	16:30:00 - 16:45:00	6	0	3	2	0	3.9	258	14.1	30	987.9
04/14/2022	16:45:00 - 17:00:00	6	0	3	2	0	4.0	252	14.1	30	987.9
04/14/2022	17:00:00 - 17:15:00	6	0	3	2	0	4.8	264	13.9	30	987.9
04/14/2022	17:15:00 - 17:30:00	6	0	3	2	0	4.5	260	13.8	30	987.9
04/14/2022	17:30:00 - 17:45:00	6	0	3	2	0	3.8	262	13.8	29	988.1
04/14/2022	17:45:00 - 18:00:00	6	0	3	2	0	4.6	261	13.6	29	988.0
04/14/2022	18:00:00 - 18:15:00	5	0	3	2	0	3.5	264	13.5	30	988.1
04/14/2022	18:15:00 - 18:30:00	5	0	3	2	0	3.7	254	13.2	31	988.1
04/14/2022	18:30:00 - 18:45:00	5	0	3	2	0	2.9	257	13.0	32	988.2
04/14/2022	18:45:00 - 19:00:00	5	0	3	2	0	3.1	261	12.7	33	988.3
04/14/2022	19:00:00 - 19:15:00	5	0	3	2	0	2.1	247	12.4	34	988.3
04/14/2022	19:15:00 - 19:30:00	5	0	3	2	0	2.1	255	12.0	36	988.4
04/14/2022	19:30:00 - 19:45:00	5	1	3	2	0	2.2	265	11.6	37	988.6
04/14/2022	19:45:00 - 20:00:00	5	1	3	2	0	1.8	255	11.2	39	988.8
04/14/2022	20:00:00 - 20:15:00	5	1	3	2	0	1.6	242	10.9	40	989.0
04/14/2022	20:15:00 - 20:30:00	5	1	3	2	0	1.3	239	10.4	43	989.3
04/14/2022	20:30:00 - 20:45:00	5	1	3	2	0	0.9	230	9.9	45	989.5
04/14/2022	20:45:00 - 21:00:00	5	1	3	2	0	1.5	252	9.8	45	989.7
04/14/2022	21:00:00 - 21:15:00	5	1	3	2	0	1.0	233	9.5	46	989.8
04/14/2022	21:15:00 - 21:30:00	5	2	4	2	0	1.1	230	9.3	48	989.9
04/14/2022	21:30:00 - 21:45:00	5	1	3	2	0	1.5	212	9.1	50	990.0
04/14/2022	21:45:00 - 22:00:00	5	2	3	2	0	1.2	230	8.8	51	989.9
04/14/2022	22:00:00 - 22:15:00	6	2	4	3	0	1.6	218	9.0	50	989.8
04/14/2022	22:15:00 - 22:30:00	5	2	4	2	0	1.7	219	8.8	51	989.7

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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. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celcius]	Relative Humidity [%]	Barometric Pressure [mb]
04/14/2022	22:30:00 - 22:45:00	5	2	3	2	0	1.4	221	8.5	53	989.6
04/14/2022	22:45:00 - 23:00:00	5	2	3	2	0	1.8	218	8.4	53	989.6
04/14/2022	23:00:00 - 23:15:00	5	2	3	2	0	1.8	217	8.3	54	989.4
04/14/2022	23:15:00 - 23:30:00	5	2	4	2	0	1.8	219	8.2	54	989.3
04/14/2022	23:30:00 - 23:45:00	5	2	3	2	0	1.8	221	8.3	52	989.2
04/14/2022	23:45:00 - 00:00:00	5	2	3	2	0	1.9	215	8.5	51	989.0
04/15/2022	00:00:00 - 00:15:00	5	2	4	2	0	1.2	218	8.5	51	989.0
04/15/2022	00:15:00 - 00:30:00	5	2	3	2	0	1.2	199	8.4	51	988.9
04/15/2022	00:30:00 - 00:45:00	5	2	3	2	0	1.0	194	8.3	52	988.9
04/15/2022	00:45:00 - 01:00:00	5	2	4	2	0	1.2	190	7.9	54	989.0
04/15/2022	01:00:00 - 01:15:00	5	2	4	2	0	0.9	191	7.8	55	989.0
04/15/2022	01:15:00 - 01:30:00	5	2	4	2	0	0.8	181	8.0	55	988.9
04/15/2022	01:30:00 - 01:45:00	5	2	4	2	0	0.9	186	8.0	56	988.7
04/15/2022	01:45:00 - 02:00:00	5	2	4	2	0	1.3	202	8.5	54	988.5
04/15/2022	02:00:00 - 02:15:00	5	2	4	2	0	1.7	217	8.8	52	988.3
04/15/2022	02:15:00 - 02:30:00	5	2	4	2	0	2.5	214	8.5	54	988.3
04/15/2022	02:30:00 - 02:45:00	5	2	4	3	0	2.6	212	8.1	57	988.4
04/15/2022	02:45:00 - 03:00:00	6	2	4	3	0	2.0	214	8.1	58	988.4
04/15/2022	03:00:00 - 03:15:00	5	2	4	3	0	1.7	228	7.8	59	988.5
04/15/2022	03:15:00 - 03:30:00	5	2	4	3	0	1.0	246	7.5	61	988.8
04/15/2022	03:30:00 - 03:45:00	5	2	4	3	0	0.8	241	7.3	63	989.0
04/15/2022	03:45:00 - 04:00:00	5	2	4	3	0	0.8	252	7.3	62	989.0
04/15/2022	04:00:00 - 04:15:00	5	2	4	3	0	0.9	239	7.5	62	989.1
04/15/2022	04:15:00 - 04:30:00	5	2	4	3	0	1.0	225	7.6	61	989.2
04/15/2022	04:30:00 - 04:45:00	6	2	4	3	0	1.4	263	7.7	60	989.6
04/15/2022	04:45:00 - 05:00:00	6	3	4	3	0	2.0	264	8.5	56	989.5
04/15/2022	05:00:00 - 05:15:00	6	3	4	3	0	2.1	263	8.6	55	989.5
04/15/2022	05:15:00 - 05:30:00	5	2	4	3	0	2.0	270	8.5	55	989.6
04/15/2022	05:30:00 - 05:45:00	5	2	4	3	0	1.9	271	8.3	56	989.7
04/15/2022	05:45:00 - 06:00:00	5	2	4	3	0	1.6	272	8.1	57	989.6
04/15/2022	06:00:00 - 06:15:00	6	2	4	3	1	1.3	271	7.7	59	989.6
04/15/2022	06:15:00 - 06:30:00	6	3	5	3	0	0.7	254	7.3	61	989.7
04/15/2022	06:30:00 - 06:45:00	6	2	4	3	0	0.8	261	7.1	62	989.9
04/15/2022	06:45:00 - 07:00:00	7	3	5	3	0	0.6	206	7.2	63	989.8
04/15/2022	07:00:00 - 07:15:00	7	4	5	4	1	0.6	213	7.8	61	989.5
04/15/2022	07:15:00 - 07:30:00	7	3	6	3	0	0.9	223	8.5	59	989.4
04/15/2022	07:30:00 - 07:45:00	6	2	4	3	0	1.1	206	9.2	56	989.3
04/15/2022	07:45:00 - 08:00:00	6	2	4	3	1	0.7	192	10.0	55	989.1
04/15/2022	08:00:00 - 08:15:00	6	2	4	3	1	1.0	202	9.8	57	989.1
04/15/2022	08:15:00 - 08:30:00	6	2	4	4	3	1.1	190	9.9	61	989.1
04/15/2022	08:30:00 - 08:45:00	6	1	4	3	2	1.3	200	10.4	59	989.2
04/15/2022	08:45:00 - 09:00:00	6	1	4	3	1	1.3	205	11.5	54	989.2
04/15/2022	09:00:00 - 09:15:00	6	0	4	2	1	1.4	204	11.8	50	989.0
04/15/2022	09:15:00 - 09:30:00	7	0	4	3	1	1.3	206	12.6	48	988.8
04/15/2022	09:30:00 - 09:45:00	6	0	3	5	1	1.6	193	13.1	46	988.6
04/15/2022	09:45:00 - 10:00:00	6	0	4	5	1	2.6	206	13.3	46	988.3
04/15/2022	10:00:00 - 10:15:00	7	0	3	3	0	2.1	202	13.7	46	988.2
04/15/2022	10:15:00 - 10:30:00	7	0	3	3	0	2.6	210	14.0	46	988.1
04/15/2022	10:30:00 - 10:45:00	7	0	5	3	1	3.0	208	14.3	47	987.9
04/15/2022	10:45:00 - 11:00:00	6	0	4	3	0	3.0	209	14.8	46	987.8
04/15/2022	11:00:00 - 11:15:00	7	0	3	3	0	3.1	211	15.4	46	987.8
04/15/2022	11:15:00 - 11:30:00	6	0	3	2	0	2.4	211	16.1	46	987.6
04/15/2022	11:30:00 - 11:45:00	8	0	5	2	0	2.5	219	16.6	44	987.5
04/15/2022	11:45:00 - 12:00:00	7	0	3	2	0	3.1	211	17.0	42	987.6
04/15/2022	12:00:00 - 12:15:00	7	1	3	2	0	3.4	210	17.1	41	987.5
04/15/2022	12:15:00 - 12:30:00	7	0	3	2	0	3.2	214	17.2	41	987.3
04/15/2022	12:30:00 - 12:45:00	7	1	3	2	0	3.1	215	17.5	41	987.2
04/15/2022	12:45:00 - 13:00:00	8	1	4	2	0	3.2	218	18.0	40	987.4
04/15/2022	13:00:00 - 13:15:00	9	1	4	3	0	3.1	236	18.4	39	987.3
04/15/2022	13:15:00 - 13:30:00	7	2	4	3	0	3.3	234	18.5	38	987.0
04/15/2022	13:30:00 - 13:45:00	10	0	4	3	0	3.8	226	18.4	39	986.9
04/15/2022	13:45:00 - 14:00:00	8	1	4	3	0	2.7	240	18.4	39	986.9

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [ $^{\circ}\text{Celsius}$ ]	Relative Humidity [%]	Barometric Pressure [mb]
04/15/2022	14:00:00 - 14:15:00	8	1	3	3	0	4.2	213	18.0	40	986.7
04/15/2022	14:15:00 - 14:30:00	8	1	4	4	0	4.4	216	17.4	39	986.7
04/15/2022	14:30:00 - 14:45:00	7	1	3	3	0	3.3	221	17.2	41	986.7
04/15/2022	14:45:00 - 15:00:00	8	2	4	3	1	3.2	236	17.2	42	986.6
04/15/2022	15:00:00 - 15:15:00	9	1	4	3	0	3.1	234	17.2	43	986.5
04/15/2022	15:15:00 - 15:30:00	8	0	4	3	1	3.0	236	17.0	44	986.5
04/15/2022	15:30:00 - 15:45:00	9	0	4	3	1	2.8	239	17.0	45	986.6
04/15/2022	15:45:00 - 16:00:00	8	1	4	3	2	3.5	242	16.6	47	986.5
04/15/2022	16:00:00 - 16:15:00	9	1	4	4	2	2.6	234	16.5	50	986.5
04/15/2022	16:15:00 - 16:30:00	9	2	5	4	3	2.7	217	16.1	53	986.6
04/15/2022	16:30:00 - 16:45:00	9	1	5	4	3	2.5	215	15.5	57	986.7
04/15/2022	16:45:00 - 17:00:00	9	1	4	4	3	2.4	235	14.9	62	986.9
04/15/2022	17:00:00 - 17:15:00	8	1	4	4	3	1.7	253	13.2	76	987.1
04/15/2022	17:15:00 - 17:30:00	8	2	4	4	3	0.9	232	12.7	81	986.9
04/15/2022	17:30:00 - 17:45:00	8	2	5	4	3	0.8	260	12.6	82	986.4
04/15/2022	17:45:00 - 18:00:00	8	2	5	4	3	0.6	221	12.6	81	986.3
04/15/2022	18:00:00 - 18:15:00	8	2	5	4	3	0.6	240	12.8	80	986.2
04/15/2022	18:15:00 - 18:30:00	8	2	5	4	3	0.5	250	13.0	79	986.2
04/15/2022	18:30:00 - 18:45:00	8	3	5	4	3	0.6	208	13.2	77	986.2
04/15/2022	18:45:00 - 19:00:00	9	3	5	4	3	0.7	201	13.4	75	986.0
04/15/2022	19:00:00 - 19:15:00	8	3	5	5	3	0.4	205	13.3	75	985.9
04/15/2022	19:15:00 - 19:30:00	9	3	5	5	4	0.4	187	13.4	75	986.0
04/15/2022	19:30:00 - 19:45:00	9	3	6	5	4	0.5	153	13.3	77	986.0
04/15/2022	19:45:00 - 20:00:00	9	3	6	5	5	0.2	107	13.0	77	986.1
04/15/2022	20:00:00 - 20:15:00	9	4	6	5	4	0.4	115	12.8	78	986.2
04/15/2022	20:15:00 - 20:30:00	9	3	5	5	4	0.5	87	12.8	80	986.3
04/15/2022	20:30:00 - 20:45:00	9	3	6	5	4	0.5	63	12.6	83	986.6
04/15/2022	20:45:00 - 21:00:00	9	3	6	5	4	0.8	16	12.5	83	986.9
04/15/2022	21:00:00 - 21:15:00	8	3	5	5	3	1.9	346	12.0	84	987.2
04/15/2022	21:15:00 - 21:30:00	8	3	5	5	3	2.3	18	11.2	83	987.4
04/15/2022	21:30:00 - 21:45:00	8	2	5	4	2	1.8	6	10.8	69	987.7
04/15/2022	21:45:00 - 22:00:00	7	2	4	3	2	1.9	6	9.8	70	987.9
04/15/2022	22:00:00 - 22:15:00	7	2	4	3	1	1.5	19	9.5	71	988.0
04/15/2022	22:15:00 - 22:30:00	7	2	4	3	1	1.4	42	9.3	71	988.0
04/15/2022	22:30:00 - 22:45:00	7	2	4	3	1	1.3	34	9.2	69	987.9
04/15/2022	22:45:00 - 23:00:00	7	2	4	3	1	0.9	32	9.2	69	987.9
04/15/2022	23:00:00 - 23:15:00	7	3	4	4	1	1.6	347	9.2	72	988.4
04/15/2022	23:15:00 - 23:30:00	7	2	4	3	1	1.4	14	9.1	71	988.5
04/15/2022	23:30:00 - 23:45:00	7	3	5	4	1	1.6	14	9.2	68	988.7
04/15/2022	23:45:00 - 00:00:00	7	3	5	3	1	1.0	7	9.2	70	988.7
04/16/2022	00:00:00 - 00:15:00	6	2	4	3	1	1.9	357	9.1	71	989.2
04/16/2022	00:15:00 - 00:30:00	7	3	5	4	1	2.4	350	8.8	72	989.3
04/16/2022	00:30:00 - 00:45:00	8	4	5	5	3	2.5	348	8.5	71	989.5
04/16/2022	00:45:00 - 01:00:00	8	4	6	5	3	2.3	359	8.2	69	989.7
04/16/2022	01:00:00 - 01:15:00	8	4	6	5	3	2.7	357	7.9	63	990.1
04/16/2022	01:15:00 - 01:30:00	8	4	5	4	2	3.0	337	7.3	66	990.3
04/16/2022	01:30:00 - 01:45:00	7	4	5	4	2	3.1	349	6.8	66	990.2
04/16/2022	01:45:00 - 02:00:00	7	3	5	4	1	3.0	354	6.4	64	990.2
04/16/2022	02:00:00 - 02:15:00	7	3	5	4	1	2.9	358	6.1	65	990.1
04/16/2022	02:15:00 - 02:30:00	7	3	5	4	1	2.7	359	5.8	65	990.0
04/16/2022	02:30:00 - 02:45:00	7	3	5	4	1	2.5	355	5.7	67	990.2
04/16/2022	02:45:00 - 03:00:00	7	3	5	4	1	3.0	348	5.4	67	990.5
04/16/2022	03:00:00 - 03:15:00	7	3	5	4	1	3.1	346	5.0	66	990.6
04/16/2022	03:15:00 - 03:30:00	6	3	5	3	1	2.9	352	4.9	63	990.6
04/16/2022	03:30:00 - 03:45:00	6	3	5	4	1	2.6	359	4.7	65	990.6
04/16/2022	03:45:00 - 04:00:00	6	3	5	4	1	2.7	355	4.6	67	990.9
04/16/2022	04:00:00 - 04:15:00	6	3	5	4	1	2.4	355	4.5	69	991.0
04/16/2022	04:15:00 - 04:30:00	6	3	5	4	1	3.1	358	4.5	70	991.2
04/16/2022	04:30:00 - 04:45:00	6	3	5	4	1	3.1	358	4.5	69	991.2
04/16/2022	04:45:00 - 05:00:00	7	3	5	4	1	3.2	353	4.4	68	991.4
04/16/2022	05:00:00 - 05:15:00	7	4	5	4	1	3.0	3	4.3	68	991.6
04/16/2022	05:15:00 - 05:30:00	6	3	5	4	1	2.5	359	4.2	70	991.7

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [ $^{\circ}\text{Celsius}$ ]	Relative Humidity [%]	Barometric Pressure [mb]
04/16/2022	05:30:00 - 05:45:00	7	3	5	4	1	2.7	354	4.2	72	991.9
04/16/2022	05:45:00 - 06:00:00	7	4	5	4	1	2.7	348	4.0	71	991.8
04/16/2022	06:00:00 - 06:15:00	7	4	6	4	2	2.4	343	3.8	71	992.1
04/16/2022	06:15:00 - 06:30:00	7	4	6	4	2	2.4	329	3.6	73	992.5
04/16/2022	06:30:00 - 06:45:00	6	3	5	4	1	3.6	338	3.2	72	992.7
04/16/2022	06:45:00 - 07:00:00	5	3	5	3	0	2.7	339	2.7	69	993.0
04/16/2022	07:00:00 - 07:15:00	6	3	5	3	0	3.1	342	2.8	68	993.1
04/16/2022	07:15:00 - 07:30:00	5	3	5	3	0	2.6	356	3.1	66	992.9
04/16/2022	07:30:00 - 07:45:00	5	3	5	3	0	3.7	341	3.0	64	993.2
04/16/2022	07:45:00 - 08:00:00	5	3	5	3	0	2.9	348	3.4	63	993.5
04/16/2022	08:00:00 - 08:15:00	5	3	4	3	0	3.5	335	3.5	63	993.4
04/16/2022	08:15:00 - 08:30:00	5	3	4	3	0	3.6	334	3.6	63	993.3
04/16/2022	08:30:00 - 08:45:00	5	2	4	3	0	3.2	337	3.9	61	993.4
04/16/2022	08:45:00 - 09:00:00	5	2	4	2	0	3.2	337	4.2	61	993.4
04/16/2022	09:00:00 - 09:15:00	5	2	4	2	0	2.8	355	4.8	59	993.7
04/16/2022	09:15:00 - 09:30:00	5	2	4	2	0	3.2	348	5.0	57	993.9
04/16/2022	09:30:00 - 09:45:00	5	1	3	2	0	2.8	338	5.4	56	994.0
04/16/2022	09:45:00 - 10:00:00	5	1	3	2	0	3.0	333	5.8	55	994.2
04/16/2022	10:00:00 - 10:15:00	5	0	3	2	0	2.9	322	6.0	54	994.2
04/16/2022	10:15:00 - 10:30:00	5	0	3	2	0	2.4	323	6.6	53	994.3
04/16/2022	10:30:00 - 10:45:00	5	0	3	2	0	2.2	311	7.2	50	994.4
04/16/2022	10:45:00 - 11:00:00	5	0	3	2	0	2.7	316	7.9	49	994.5
04/16/2022	11:00:00 - 11:15:00	5	0	3	2	0	3.5	331	7.7	49	994.4
04/16/2022	11:15:00 - 11:30:00	5	0	3	2	0	2.8	312	8.3	49	994.4
04/16/2022	11:30:00 - 11:45:00	5	0	3	2	0	3.2	301	8.6	47	994.4
04/16/2022	11:45:00 - 12:00:00	5	0	3	2	0	2.5	290	9.2	46	994.3
04/16/2022	12:00:00 - 12:15:00	6	0	4	3	1	2.4	299	9.5	46	994.3
04/16/2022	12:15:00 - 12:30:00	7	2	4	5	2	3.0	305	9.5	43	994.2
04/16/2022	12:30:00 - 12:45:00	5	0	3	3	0	2.8	285	10.1	41	994.1
04/16/2022	12:45:00 - 13:00:00	5	0	3	2	0	3.0	290	10.2	40	994.2
04/16/2022	13:00:00 - 13:15:00	5	0	3	2	0	3.1	302	10.5	40	994.1
04/16/2022	13:15:00 - 13:30:00	5	0	2	2	0	3.0	291	10.6	40	993.9
04/16/2022	13:30:00 - 13:45:00	5	0	3	2	0	3.1	301	10.8	40	993.9
04/16/2022	13:45:00 - 14:00:00	6	0	3	2	0	3.2	294	11.1	39	993.9
04/16/2022	14:00:00 - 14:15:00	6	0	3	2	0	3.7	310	11.1	40	993.9
04/16/2022	14:15:00 - 14:30:00	6	0	3	2	0	3.2	282	11.3	40	994.0
04/16/2022	14:30:00 - 14:45:00	6	0	3	2	0	2.9	285	11.5	40	994.0
04/16/2022	14:45:00 - 15:00:00	7	0	4	3	0	3.2	290	11.7	39	993.9
04/16/2022	15:00:00 - 15:15:00	7	0	3	3	0	3.4	300	11.4	38	993.9
04/16/2022	15:15:00 - 15:30:00	7	0	3	3	0	3.5	296	11.3	37	993.8
04/16/2022	15:30:00 - 15:45:00	6	0	3	2	0	3.6	306	11.4	36	993.9
04/16/2022	15:45:00 - 16:00:00	6	0	3	2	0	3.1	291	11.5	36	993.8
04/16/2022	16:00:00 - 16:15:00	6	0	3	2	0	3.3	288	11.3	37	993.8
04/16/2022	16:15:00 - 16:30:00	6	0	3	3	1	3.7	301	11.2	38	993.8
04/16/2022	16:30:00 - 16:45:00	6	0	4	3	1	3.7	295	11.1	39	993.7
04/16/2022	16:45:00 - 17:00:00	6	0	4	3	1	3.7	301	11.1	39	993.9
04/16/2022	17:00:00 - 17:15:00	7	1	4	3	1	3.2	312	11.1	38	993.9
04/16/2022	17:15:00 - 17:30:00	7	1	4	3	2	3.6	318	10.8	38	993.9
04/16/2022	17:30:00 - 17:45:00	8	2	5	4	3	3.7	331	10.7	39	994.0
04/16/2022	17:45:00 - 18:00:00	7	1	4	3	2	3.9	334	10.3	39	994.2
04/16/2022	18:00:00 - 18:15:00	7	1	4	3	1	3.5	334	10.1	40	994.3
04/16/2022	18:15:00 - 18:30:00	7	1	4	3	1	3.5	326	9.8	41	994.4
04/16/2022	18:30:00 - 18:45:00	7	2	4	3	2	3.6	327	9.5	41	994.5
04/16/2022	18:45:00 - 19:00:00	7	2	5	4	2	3.0	323	9.2	41	994.5
04/16/2022	19:00:00 - 19:15:00	7	2	5	4	1	3.5	332	8.8	43	994.6
04/16/2022	19:15:00 - 19:30:00	7	2	5	4	1	3.4	330	8.4	44	994.7
04/16/2022	19:30:00 - 19:45:00	7	3	5	4	2	2.7	327	8.0	46	994.8
04/16/2022	19:45:00 - 20:00:00	8	4	5	4	2	2.3	330	7.7	48	994.9
04/16/2022	20:00:00 - 20:15:00	8	4	6	5	3	2.3	333	7.6	48	994.9
04/16/2022	20:15:00 - 20:30:00	8	4	6	5	2	2.2	331	7.3	50	995.1
04/16/2022	20:30:00 - 20:45:00	8	7	6	4	2	1.9	339	6.9	52	995.3
04/16/2022	20:45:00 - 21:00:00	8	5	6	4	2	1.6	331	6.5	54	995.5

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]
04/16/2022	21:00:00 - 21:15:00	7	5	6	4	2	1.5	326	6.2	56	995.6
04/16/2022	21:15:00 - 21:30:00	7	4	5	4	2	2.0	337	6.0	57	995.9
04/16/2022	21:30:00 - 21:45:00	6	3	5	4	1	2.3	338	5.9	56	996.1
04/16/2022	21:45:00 - 22:00:00	6	3	5	4	1	2.0	342	5.5	57	996.3
04/16/2022	22:00:00 - 22:15:00	6	3	5	3	1	2.1	336	5.2	58	996.3
04/16/2022	22:15:00 - 22:30:00	6	3	5	3	1	2.3	341	5.0	58	996.4
04/16/2022	22:30:00 - 22:45:00	6	3	5	3	1	2.0	345	4.7	59	996.5
04/16/2022	22:45:00 - 23:00:00	6	3	5	4	1	2.3	342	4.4	61	996.5
04/16/2022	23:00:00 - 23:15:00	6	3	5	4	1	1.4	331	4.0	63	996.6
04/16/2022	23:15:00 - 23:30:00	6	4	5	4	1	2.1	346	3.9	63	996.7
04/16/2022	23:30:00 - 23:45:00	7	4	6	4	2	1.8	348	3.7	64	996.7
04/16/2022	23:45:00 - 00:00:00	7	4	6	4	2	1.4	352	3.4	66	996.8
04/17/2022	00:00:00 - 00:15:00	7	4	6	5	2	1.8	331	3.2	66	996.9
04/17/2022	00:15:00 - 00:30:00	7	4	6	5	2	1.3	313	3.1	66	997.0
04/17/2022	00:30:00 - 00:45:00	7	4	6	5	2	1.4	301	2.9	68	997.1
04/17/2022	00:45:00 - 01:00:00	7	4	6	5	3	1.3	330	2.7	68	997.2
04/17/2022	01:00:00 - 01:15:00	7	4	6	5	3	1.4	344	2.5	69	997.2
04/17/2022	01:15:00 - 01:30:00	7	4	6	5	3	1.4	3	2.4	69	997.2
04/17/2022	01:30:00 - 01:45:00	7	5	6	5	3	1.8	1	2.4	70	997.2
04/17/2022	01:45:00 - 02:00:00	7	4	6	5	3	1.8	5	2.2	69	997.2
04/17/2022	02:00:00 - 02:15:00	8	5	7	5	3	2	11	2	72	997
04/17/2022	02:15:00 - 02:30:00	8	5	7	5	4	2	30	1	74	997
04/17/2022	02:30:00 - 02:45:00	8	5	7	6	4	2	42	1	77	997
04/17/2022	02:45:00 - 03:00:00	9	6	8	6	5	2	46	1	78	997
04/17/2022	03:00:00 - 03:15:00	10	6	8	7	5	1.8	50	0.7	79	997.5
04/17/2022	03:15:00 - 03:30:00	9	6	8	7	5	1.9	62	0.5	79	997.5
04/17/2022	03:30:00 - 03:45:00	9	6	8	6	5	1.9	67	0.4	79	997.5
04/17/2022	03:45:00 - 04:00:00	9	6	8	6	4	2.2	59	0.4	78	997.4
04/17/2022	04:00:00 - 04:15:00	8	5	7	6	4	1.9	59	0.3	77	997.5
04/17/2022	04:15:00 - 04:30:00	8	5	7	5	3	2.0	63	0.3	77	997.6
04/17/2022	04:30:00 - 04:45:00	7	5	6	5	3	1.7	74	0.3	76	997.7
04/17/2022	04:45:00 - 05:00:00	7	6	6	5	3	1.5	69	0.2	76	997.7
04/17/2022	05:00:00 - 05:15:00	7	5	6	5	3	2.0	75	0.2	76	997.7
04/17/2022	05:15:00 - 05:30:00	7	4	6	5	3	2.0	76	0.1	76	997.6
04/17/2022	05:30:00 - 05:45:00	7	4	6	5	2	2.2	78	0.1	75	997.5
04/17/2022	05:45:00 - 06:00:00	6	4	6	4	2	2.2	82	0.1	75	997.5
04/17/2022	06:00:00 - 06:15:00	6	4	6	4	2	2.3	79	0.1	75	997.5
04/17/2022	06:15:00 - 06:30:00	6	4	6	4	2	2.6	78	0.1	75	997.6
04/17/2022	06:30:00 - 06:45:00	6	4	6	4	2	2.2	81	0.3	74	997.6
04/17/2022	06:45:00 - 07:00:00	6	4	5	4	1	2.6	87	0.5	73	997.6
04/17/2022	07:00:00 - 07:15:00	6	3	5	4	1	3.0	86	0.8	72	997.7
04/17/2022	07:15:00 - 07:30:00	6	3	5	4	1	2.9	83	1.1	70	997.8
04/17/2022	07:30:00 - 07:45:00	5	3	5	3	1	3.1	91	1.6	68	997.9
04/17/2022	07:45:00 - 08:00:00	5	3	5	3	0	3.5	84	2.0	65	998.2
04/17/2022	08:00:00 - 08:15:00	5	3	5	3	0	3.8	93	2.3	62	998.4
04/17/2022	08:15:00 - 08:30:00	5	2	4	3	0	3.1	101	2.7	61	998.5
04/17/2022	08:30:00 - 08:45:00	5	2	4	2	0	4.5	90	2.9	59	998.4
04/17/2022	08:45:00 - 09:00:00	5	2	4	3	0	4.2	87	3.3	58	998.4
04/17/2022	09:00:00 - 09:15:00	5	2	4	3	0	4.7	90	3.5	57	998.4
04/17/2022	09:15:00 - 09:30:00	5	2	4	2	0	4.2	93	3.8	56	998.4
04/17/2022	09:30:00 - 09:45:00	5	2	4	3	0	4.1	85	4.0	56	998.5
04/17/2022	09:45:00 - 10:00:00	5	2	4	2	0	4.1	92	4.6	54	998.5
04/17/2022	10:00:00 - 10:15:00	5	2	4	3	0	3.5	94	5.1	52	998.4
04/17/2022	10:15:00 - 10:30:00	6	2	4	3	1	3.7	83	5.2	52	998.3
04/17/2022	10:30:00 - 10:45:00	6	1	4	3	1	4.1	82	5.6	51	998.3
04/17/2022	10:45:00 - 11:00:00	6	1	4	3	1	4.1	83	6.0	50	998.4
04/17/2022	11:00:00 - 11:15:00	6	1	4	3	1	4.0	91	6.1	50	998.3
04/17/2022	11:15:00 - 11:30:00	6	1	4	2	1	3.5	87	6.5	50	998.3
04/17/2022	11:30:00 - 11:45:00	6	0	4	3	1	3.3	98	6.7	48	998.4
04/17/2022	11:45:00 - 12:00:00	6	0	4	2	1	2.9	100	7.4	47	998.4
04/17/2022	12:00:00 - 12:15:00	6	0	3	2	1	3.5	85	7.5	47	997.9
04/17/2022	12:15:00 - 12:30:00	6	0	3	2	0	3.3	83	7.9	46	997.6

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celcius]	Relative Humidity [%]	Barometric Pressure [mb]
04/17/2022	12:30:00 - 12:45:00	6	0	3	2	0	3.4	93	7.7	45	997.4
04/17/2022	12:45:00 - 13:00:00	6	0	3	2	0	3.9	90	7.7	46	997.2
04/17/2022	13:00:00 - 13:15:00	6	0	3	2	0	3.4	91	8.0	45	996.9
04/17/2022	13:15:00 - 13:30:00	6	0	3	2	0	3.2	95	8.1	45	996.9
04/17/2022	13:30:00 - 13:45:00	6	0	3	2	0	3.8	92	8.2	44	996.7
04/17/2022	13:45:00 - 14:00:00	6	0	3	2	0	3.8	89	8.2	45	996.4
04/17/2022	14:00:00 - 14:15:00	6	0	3	2	1	4.2	89	8.3	45	996.3
04/17/2022	14:15:00 - 14:30:00	6	0	3	2	1	3.2	88	8.9	45	996.1
04/17/2022	14:30:00 - 14:45:00	6	0	3	2	0	3.2	105	8.8	44	995.7
04/17/2022	14:45:00 - 15:00:00	6	0	3	2	1	3.6	83	9.0	44	995.3
04/17/2022	15:00:00 - 15:15:00	6	0	3	2	0	3.6	101	9.2	43	995.1
04/17/2022	15:15:00 - 15:30:00	6	0	3	2	0	4.4	91	9.0	44	994.8
04/17/2022	15:30:00 - 15:45:00	6	0	3	2	0	3.9	99	9.5	43	994.6
04/17/2022	15:45:00 - 16:00:00	6	0	3	2	0	3.3	105	9.7	43	994.4
04/17/2022	16:00:00 - 16:15:00	6	0	3	2	0	3.7	85	9.6	44	994.0
04/17/2022	16:15:00 - 16:30:00	6	0	3	2	0	4.1	98	9.4	44	993.7
04/17/2022	16:30:00 - 16:45:00	6	0	3	3	1	4.1	91	9.2	44	993.6
04/17/2022	16:45:00 - 17:00:00	6	1	3	3	1	3.6	85	9.0	45	993.6
04/17/2022	17:00:00 - 17:15:00	5	0	3	2	0	3.5	94	8.9	45	994.0
04/17/2022	17:15:00 - 17:30:00	6	1	3	2	0	3.1	89	8.9	45	994.2
04/17/2022	17:30:00 - 17:45:00	6	1	3	3	0	3.3	89	8.9	45	994.1
04/17/2022	17:45:00 - 18:00:00	5	1	3	2	0	3.0	92	8.9	45	994.0
04/17/2022	18:00:00 - 18:15:00	5	1	3	3	0	3.2	88	8.7	45	993.9
04/17/2022	18:15:00 - 18:30:00	6	2	4	3	0	3.4	82	8.6	45	993.4
04/17/2022	18:30:00 - 18:45:00	6	2	4	3	0	3.1	86	8.6	46	993.2
04/17/2022	18:45:00 - 19:00:00	6	2	4	3	0	3.6	82	8.5	45	993.0
04/17/2022	19:00:00 - 19:15:00	5	1	3	2	0	3.0	90	8.4	46	993.1
04/17/2022	19:15:00 - 19:30:00	5	1	3	2	0	3.1	94	8.4	45	993.3
04/17/2022	19:30:00 - 19:45:00	5	2	4	2	0	2.9	89	8.3	46	993.6
04/17/2022	19:45:00 - 20:00:00	5	2	4	3	0	3.1	95	8.2	46	993.7
04/17/2022	20:00:00 - 20:15:00	5	2	4	2	0	3.0	93	8.1	47	993.7
04/17/2022	20:15:00 - 20:30:00	5	2	4	3	0	2.8	86	8.0	48	993.4
04/17/2022	20:30:00 - 20:45:00	5	2	4	2	0	3.0	78	7.9	49	993.2
04/17/2022	20:45:00 - 21:00:00	5	2	4	2	0	3.2	80	7.8	50	993.2
04/17/2022	21:00:00 - 21:15:00	5	2	4	2	0	3.2	89	7.7	50	993.2
04/17/2022	21:15:00 - 21:30:00	5	1	4	2	0	2.8	85	7.6	51	993.1
04/17/2022	21:30:00 - 21:45:00	5	2	4	2	0	3.2	93	7.5	53	993.0
04/17/2022	21:45:00 - 22:00:00	5	2	4	2	0	3.7	93	7.0	58	992.7
04/17/2022	22:00:00 - 22:15:00	5	2	4	3	0	3.5	81	6.8	60	992.2
04/17/2022	22:15:00 - 22:30:00	5	2	4	3	0	3.7	76	6.9	57	992.0
04/17/2022	22:30:00 - 22:45:00	5	2	4	2	0	1.8	60	6.9	57	992.6
04/17/2022	22:45:00 - 23:00:00	5	2	4	2	0	1.6	33	6.9	57	993.2
04/17/2022	23:00:00 - 23:15:00	5	2	4	2	0	1.7	352	6.8	61	993.4
04/17/2022	23:15:00 - 23:30:00	5	2	4	2	0	1.9	10	6.4	64	993.5
04/17/2022	23:30:00 - 23:45:00	6	3	5	2	1	1.7	43	6.2	62	993.5
04/17/2022	23:45:00 - 00:00:00	5	2	4	2	0	1.3	30	5.9	65	993.7
04/18/2022	00:00:00 - 00:15:00	5	2	4	3	0	1.6	76	5.1	74	993.7
04/18/2022	00:15:00 - 00:30:00	5	2	4	3	0	2.0	58	4.2	82	993.9
04/18/2022	00:30:00 - 00:45:00	6	2	5	3	0	1.5	29	3.7	86	994.1
04/18/2022	00:45:00 - 01:00:00	6	3	5	3	0	1.9	45	3.2	90	994.0
04/18/2022	01:00:00 - 01:15:00	6	3	5	3	1	1.3	11	2.8	92	994.0
04/18/2022	01:15:00 - 01:30:00	6	3	5	3	0	1.3	28	2.5	94	994.0
04/18/2022	01:30:00 - 01:45:00	6	3	5	4	0	1.6	13	2.3	95	994.0
04/18/2022	01:45:00 - 02:00:00	6	3	5	3	0	2.3	350	2.4	96	993.9
04/18/2022	02:00:00 - 02:15:00	5	3	5	3	0	3.0	352	2.4	96	993.7
04/18/2022	02:15:00 - 02:30:00	5	3	5	3	0	2.8	358	2.0	96	993.5
04/18/2022	02:30:00 - 02:45:00	6	3	5	3	0	3.0	351	1.8	96	993.5
04/18/2022	02:45:00 - 03:00:00	6	3	5	4	1	2.9	5	1.5	97	993.4
04/18/2022	03:00:00 - 03:15:00	7	3	6	5	1	2.5	353	1.4	97	993.3
04/18/2022	03:15:00 - 03:30:00	7	4	6	5	2	2.7	358	1.3	98	993.3
04/18/2022	03:30:00 - 03:45:00	7	4	6	5	2	2.6	356	1.3	98	993.2
04/18/2022	03:45:00 - 04:00:00	6	3	5	4	1	2.7	359	1.3	98	993.1

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



Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Meteorological Station				
		Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Average Conc. [ $\mu\text{g}/\text{m}^3$ ]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [ $^{\circ}\text{Celsius}$ ]	Relative Humidity [%]	Barometric Pressure [mb]
04/18/2022	04:00:00 - 04:15:00	6	3	5	4	1	2.8	4	1.2	98	993.0
04/18/2022	04:15:00 - 04:30:00	6	3	6	5	2	2.6	360	1.3	98	993.0
04/18/2022	04:30:00 - 04:45:00	6	3	5	5	1	2.4	2	1.3	98	992.8
04/18/2022	04:45:00 - 05:00:00	5	2	5	3	0	3.0	1	1.4	98	992.7
04/18/2022	05:00:00 - 05:15:00	6	3	5	4	1	3.0	2	1.4	98	992.5
04/18/2022	05:15:00 - 05:30:00	7	4	6	5	2	3.1	359	1.3	98	992.6
04/18/2022	05:30:00 - 05:45:00	7	4	6	5	2	2.9	359	1.2	98	992.5
04/18/2022	05:45:00 - 06:00:00	7	4	6	5	2	2.9	6.4	1.1	98.0	992.6
04/18/2022	06:00:00 - 06:15:00	7	4	6	5	2	2.7	0.2	1.1	98.1	992.6
04/18/2022	06:15:00 - 06:30:00	8	4	7	6	3	2.7	1.1	1.2	98.0	992.8
04/18/2022	06:30:00 - 06:45:00	8	5	7	6	3	2.6	352.0	1.2	98.0	993.0
04/18/2022	06:45:00 - 07:00:00	7	4	6	5	2	2.8	344.0	1.1	98.0	993.3
04/18/2022	07:00:00 - 07:15:00	8	5	7	6	3	2.5	343.4	1.2	98.0	993.3
04/18/2022	07:15:00 - 07:30:00	9	5	8	7	4	2.5	7.1	1.2	98.0	992.9
04/18/2022	07:30:00 - 07:45:00	10	6	8	8	5	2.2	356.0	1.4	98.0	993.1
04/18/2022	07:45:00 - 08:00:00	10	6	8	8	5	2.8	339.9	1.6	97.3	993.5
04/18/2022	08:00:00 - 08:15:00	11	6	9	8	7	2.6	343.7	1.8	97.0	993.6
04/18/2022	08:15:00 - 08:30:00	11	7	10	9	7	2.8	325.0	1.8	96.8	993.6
04/18/2022	08:30:00 - 08:45:00	11	6	11	8	6	2.4	322.2	2.1	96.3	993.4
04/18/2022	08:45:00 - 09:00:00	12	7	10	8	6	2.6	317.3	2.3	95.3	993.3
04/18/2022	09:00:00 - 09:15:00	11	7	9	8	6	2.7	307.9	2.7	93.3	993.3
04/18/2022	09:15:00 - 09:30:00	12	7	9	8	5	2.9	297.8	2.8	92.7	993.3
04/18/2022	09:30:00 - 09:45:00	14	8	11	9	10	3.0	294.7	2.9	92.4	993.5
04/18/2022	09:45:00 - 10:00:00	15	9	12	11	9	3.6	299.4	2.8	93.0	993.6
04/18/2022	10:00:00 - 10:15:00	14	9	12	11	8	3.1	296.5	2.7	93.9	993.8
04/18/2022	10:15:00 - 10:30:00	13	8	10	10	6	3.9	299.3	2.7	93.1	993.7
04/18/2022	10:30:00 - 10:45:00	12	8	10	10	7	3.4	298.8	2.6	93.4	993.7
04/18/2022	10:45:00 - 11:00:00	12	8	10	10	7	2.7	289.6	2.8	93.7	993.7
04/18/2022	11:00:00 - 11:15:00	11	8	9	Offline	6	2.8	283.2	3.0	92.7	993.6
04/18/2022	11:15:00 - 11:30:00	14	9	11	11	8	3.9	277.6	3.0	92.9	993.7
04/18/2022	11:30:00 - 11:45:00	16	11	13	13	10	3.2	283	3.1	93	993.6
04/18/2022	11:45:00 - 12:00:00	17	10	13	12	10	3.2	279	3.8	91	993.5
04/18/2022	12:00:00 - 12:15:00	17	8	13	9	7	3.5	282	3.8	88	993.4
04/18/2022	12:15:00 - 12:30:00	17	10	13	12	10	3.5	287	4.0	87	993.4
04/18/2022	12:30:00 - 12:45:00	13	8	10	9	7	3.5	280	3.9	88	993.2
04/18/2022	12:45:00 - 13:00:00	11	7	9	7	5	3.6	288	3.9	88	993.1
04/18/2022	13:00:00 - 13:15:00	11	6	9	6	4	3.3	280	4.4	86	993.0
04/18/2022	13:15:00 - 13:30:00	11	6	8	7	5	3.8	288	4.8	84	992.9
04/18/2022	13:30:00 - 13:45:00	12	7	9	8	6	4.1	274	4.8	83	993.0
04/18/2022	13:45:00 - 14:00:00	11	7	9	8	6	3.7	277	5.2	80	993.1
04/18/2022	14:00:00 - 14:15:00	11	6	8	7	5	3.9	287	5.5	76	993.2
04/18/2022	14:15:00 - 14:30:00	10	5	7	6	4	4.0	296	5.6	73	993.2
04/18/2022	14:30:00 - 14:45:00	9	5	7	6	4	3.9	283	6.0	70	993.1
04/18/2022	14:45:00 - 15:00:00	9	5	7	6	4	3.5	281	6.0	70	992.9
04/18/2022	15:00:00 - 15:15:00	9	4	6	5	4	3.8	274	6.4	67	992.7
04/18/2022	15:15:00 - 15:30:00	10	3	7	5	3	4.1	285	6.8	64	992.6
04/18/2022	15:30:00 - 15:45:00	9	3	6	4	2	4.3	291	6.9	60	992.6
04/18/2022	15:45:00 - 16:00:00	8	3	5	4	2	4.5	298	6.8	60	992.6
04/18/2022	16:00:00 - 16:15:00	10	4	6	5	3	5.4	288	6.4	58	992.8
04/18/2022	16:15:00 - 16:30:00	8	3	6	4	3	4.3	290	6.5	57	993.0
04/18/2022	16:30:00 - 16:45:00	9	4	6	5	3	5.2	290	6.4	58	993.2
04/18/2022	16:45:00 - 17:00:00	8	3	5	4	2	4.5	292	6.4	57	993.3
04/18/2022	17:00:00 - 17:15:00	8	3	6	5	3	4.6	284	5.9	59	993.4
04/18/2022	17:15:00 - 17:30:00	9	4	6	5	3	4.9	292	5.6	59	993.5
04/18/2022	17:30:00 - 17:45:00	7	3	5	4	2	4.6	289	5.7	58	993.6
04/18/2022	17:45:00 - 18:00:00	7	3	5	4	2	3.9	299	5.5	58	993.7
04/18/2022	18:00:00 - 18:15:00	7	3	5	4	1	5.2	303	5.3	58	993.6
04/18/2022	18:15:00 - 18:30:00	7	3	5	4	1	4.3	298	5.2	58	993.7
04/18/2022	18:30:00 - 18:45:00	7	3	5	4	1	4.8	296	5.1	59	993.8
04/18/2022	18:45:00 - 19:00:00	7	3	5	4	1	3.6	303	4.9	61	993.9
04/18/2022	19:00:00 - 19:15:00	7	3	5	4	1	4.0	303	4.8	61	994.0
04/18/2022	19:15:00 - 19:30:00	7	3	5	4	1	3.6	307	4.6	61	994.2

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]
04/18/2022	19:30:00 - 19:45:00	6	3	5	4	1	3.7	300	4.5	62	994.3
04/18/2022	19:45:00 - 20:00:00	6	3	5	4	1	3.0	300	4.4	63	994.4
04/18/2022	20:00:00 - 20:15:00	6	3	5	3	1	3.2	290	4.4	62	994.4
04/18/2022	20:15:00 - 20:30:00	6	3	5	3	0	3.3	294	4.4	61	994.6
04/18/2022	20:30:00 - 20:45:00	6	3	5	3	0	2.8	296	4.3	62	994.7
04/18/2022	20:45:00 - 21:00:00	6	3	5	3	0	3.6	298	4.2	62	994.8
04/18/2022	21:00:00 - 21:15:00	5	3	5	3	0	2.7	296	4.1	63	994.9
04/18/2022	21:15:00 - 21:30:00	5	3	5	3	0	3.4	291	3.9	64	994.9
04/18/2022	21:30:00 - 21:45:00	5	3	5	3	0	3.4	289	3.9	65	994.9
04/18/2022	21:45:00 - 22:00:00	5	3	5	3	0	3.6	287	3.8	65	995.0
04/18/2022	22:00:00 - 22:15:00	6	3	5	3	1	3.1	283	3.6	68	995.0
04/18/2022	22:15:00 - 22:30:00	6	3	5	4	1	3.3	284	3.5	68	994.9
04/18/2022	22:30:00 - 22:45:00	6	3	5	4	1	3.2	282	3.5	68	994.9
04/18/2022	22:45:00 - 23:00:00	6	3	5	4	1	3.3	285	3.4	68	994.8
04/18/2022	23:00:00 - 23:15:00	6	3	5	3	0	3.3	290	3.3	69	994.9
04/18/2022	23:15:00 - 23:30:00	5	3	5	3	0	3.0	298	3.2	70	995.1
04/18/2022	23:30:00 - 23:45:00	5	3	5	3	0	3.3	317	2.9	71	995.3
04/18/2022	23:45:00 - 00:00:00	6	3	5	3	0	3.9	304	2.6	69	995.3
04/19/2022	00:00:00 - 00:15:00	5	2	5	3	0	4.3	302	2.4	67	995.2
04/19/2022	00:15:00 - 00:30:00	5	2	5	3	0	3.8	299	2.3	68	995.3
04/19/2022	00:30:00 - 00:45:00	5	2	5	3	0	3.6	309	2.1	69	995.4
04/19/2022	00:45:00 - 01:00:00	5	2	4	3	0	3.2	306	1.8	70	995.4
04/19/2022	01:00:00 - 01:15:00	5	2	5	3	0	3.6	295	1.6	71	995.5
04/19/2022	01:15:00 - 01:30:00	5	2	5	3	0	3.3	300	1.4	72	995.4
04/19/2022	01:30:00 - 01:45:00	5	2	5	3	0	3.4	297	1.2	73	995.2
04/19/2022	01:45:00 - 02:00:00	5	2	5	3	0	2.7	303	1.0	73	995.2
04/19/2022	02:00:00 - 02:15:00	5	2	5	3	0	2.6	307	0.8	75	995.1
04/19/2022	02:15:00 - 02:30:00	5	2	5	3	0	2.3	302	0.7	75	995.1
04/19/2022	02:30:00 - 02:45:00	5	3	5	3	0	2.7	304	0.6	76	995.1
04/19/2022	02:45:00 - 03:00:00	5	3	5	3	0	3.1	305	0.6	76	995.1
04/19/2022	03:00:00 - 03:15:00	5	3	5	4	0	2.9	300	0.5	77	995.2
04/19/2022	03:15:00 - 03:30:00	5	3	5	4	0	2.4	298	0.4	78	995.1
04/19/2022	03:30:00 - 03:45:00	5	3	5	4	0	2.4	297	0.3	78	995.2
04/19/2022	03:45:00 - 04:00:00	6	3	5	4	1	2.5	291	0.2	79	995.3
04/19/2022	04:00:00 - 04:15:00	6	3	5	4	1	2.3	296	0.1	80	995.5
04/19/2022	04:15:00 - 04:30:00	6	3	5	4	1	2.4	286	-0.1	81	995.7
04/19/2022	04:30:00 - 04:45:00	6	3	5	4	1	2.3	291	-0.3	82	995.8
04/19/2022	04:45:00 - 05:00:00	6	3	5	4	1	2.3	294	-0.3	83	995.8
04/19/2022	05:00:00 - 05:15:00	6	3	5	4	1	2.2	299	-0.4	82	995.8
04/19/2022	05:15:00 - 05:30:00	6	3	5	4	1	2.1	301	-0.5	82	995.9
04/19/2022	05:30:00 - 05:45:00	6	3	5	4	1	2.4	304	-0.4	82	996.0
04/19/2022	05:45:00 - 06:00:00	6	3	5	4	1	2.0	301	-0.6	83	996.1
04/19/2022	06:00:00 - 06:15:00	6	3	5	4	1	2.0	299	-0.7	83	996.4
04/19/2022	06:15:00 - 06:30:00	6	3	5	5	1	1.8	301	-0.7	83	996.4
04/19/2022	06:30:00 - 06:45:00	6	3	5	4	1	1.9	300	-0.4	83	996.5
04/19/2022	06:45:00 - 07:00:00	6	3	6	4	1	2.1	304	0.0	81	996.5
04/19/2022	07:00:00 - 07:15:00	12	3	12	4	1	2.6	309	0.4	79	996.6
04/19/2022	07:15:00 - 07:30:00	6	3	5	4	0	2.8	303	0.7	78	996.6
04/19/2022	07:30:00 - 07:45:00	6	3	5	3	0	2.7	305	1.2	77	996.7
04/19/2022	07:45:00 - 08:00:00	5	3	5	3	0	3.3	321	1.5	76	996.7
04/19/2022	08:00:00 - 08:15:00	6	3	5	3	0	2.9	307	2.1	75	996.8
04/19/2022	08:15:00 - 08:30:00	6	3	5	3	0	2.9	315	2.5	74	997.0
04/19/2022	08:30:00 - 08:45:00	6	2	5	3	0	3.1	312	2.9	72	997.1
04/19/2022	08:45:00 - 09:00:00	14	2	7	3	1	2.7	312	3.3	72	997.2
04/19/2022	09:00:00 - 09:15:00	8	2	6	3	1	3.0	311	3.5	71	997.3
04/19/2022	09:15:00 - 09:30:00	7	2	5	3	1	2.6	325	4.1	70	997.4
04/19/2022	09:30:00 - 09:45:00	8	2	6	3	1	3.1	325	4.0	69	997.6
04/19/2022	09:45:00 - 10:00:00	7	2	5	3	1	2.8	322	4.3	69	997.6
04/19/2022	10:00:00 - 10:15:00	9	1	5	3	1	2.7	324	4.6	68	997.7
04/19/2022	10:15:00 - 10:30:00	6	1	4	3	1	2.6	318	4.9	67	997.7
04/19/2022	10:30:00 - 10:45:00	6	1	4	3	1	2.2	328	5.2	66	997.8
04/19/2022	10:45:00 - 11:00:00	6	0	4	2	1	2.5	312	5.7	64	998.0

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp (CDT)	SAMS					Meteorological Station				
		Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Average Conc. [µg/m <sup>3</sup> ]	Wind Speed [mph]	Wind Direction [degrees]	Air Temp. [° Celcius]	Relative Humidity [%]	Barometric Pressure [mb]
04/19/2022	11:00:00 - 11:15:00	6	0	4	2	0	2.3	308	6.2	63	998.0
04/19/2022	11:15:00 - 11:30:00	8	0	5	2	0	2.3	333	6.5	62	998.1
04/19/2022	11:30:00 - 11:45:00	6	0	4	2	0	3.0	296	6.7	60	998.0
04/19/2022	11:45:00 - 12:00:00	7	0	4	2	0	2.6	300	6.9	59	997.9
04/19/2022	12:00:00 - 12:15:00	7	0	4	2	0	2.3	302	7.7	58	997.7
04/19/2022	12:15:00 - 12:30:00	7	0	4	2	0	2.6	295	7.7	57	997.8
04/19/2022	12:30:00 - 12:45:00	6	0	3	2	0	2.8	272	8.1	57	997.8
04/19/2022	12:45:00 - 13:00:00	7	0	3	2	0	2.5	303	8.3	56	997.6
04/19/2022	13:00:00 - 13:15:00	6	0	3	2	0	2.2	305	8.9	54	997.4
04/19/2022	13:15:00 - 13:30:00	6	0	3	2	0	2.0	295	9.0	53	997.4
04/19/2022	13:30:00 - 13:45:00	6	0	3	2	0	2.2	285	9.0	51	997.3
04/19/2022	13:45:00 - 14:00:00	6	0	3	2	0	2.0	272	8.9	51	997.1
04/19/2022	14:00:00 - 14:15:00	8	0	4	2	0	2.3	300	9.2	51	997.2
04/19/2022	14:15:00 - 14:30:00	8	0	4	2	0	1.9	293	9.5	51	997.1
04/19/2022	14:30:00 - 14:45:00	8	0	4	2	0	2.4	299	10.1	49	996.9
04/19/2022	14:45:00 - 15:00:00	8	0	5	2	0	2.3	284	10.2	49	996.8
04/19/2022	15:00:00 - 15:15:00	8	0	4	2	0	1.9	281	10.3	49	996.8
04/19/2022	15:15:00 - 15:30:00	7	0	3	2	0	2.2	266	10.3	49	996.8
04/19/2022	15:30:00 - 15:45:00	7	0	3	3	0	2.1	275	10.3	47	996.7
04/19/2022	15:45:00 - 16:00:00	8	0	4	3	0	1.8	245	10.2	48	996.5
04/19/2022	16:00:00 - 16:15:00	8	1	4	4	1	1.5	271	10.0	49	996.2
04/19/2022	16:15:00 - 16:30:00	8	1	4	4	2	1.1	264	10.3	49	996.1
04/19/2022	16:30:00 - 16:45:00	8	1	4	3	2	1.4	256	10.5	48	996.0
04/19/2022	16:45:00 - 17:00:00	7	1	4	3	1	1.5	274	10.8	47	996.0
04/19/2022	17:00:00 - 17:15:00	7	0	4	3	1	1.4	268	10.9	46	996.1
04/19/2022	17:15:00 - 17:30:00	7	0	3	3	1	1.7	278	10.6	46	996.0
04/19/2022	17:30:00 - 17:45:00	8	0	4	3	1	1.5	233	10.4	46	996.0
04/19/2022	17:45:00 - 18:00:00	7	0	4	3	1	1.4	254	10.2	46	996.0
04/19/2022	18:00:00 - 18:15:00	7	1	4	3	1	1.3	265	10.2	47	995.9
04/19/2022	18:15:00 - 18:30:00	7	1	4	3	1	0.9	225	10.1	48	995.9
04/19/2022	18:30:00 - 18:45:00	6	1	4	3	1	1.2	260	9.8	47	995.8
04/19/2022	18:45:00 - 19:00:00	6	1	4	3	0	1.0	262	9.7	47	995.7
04/19/2022	19:00:00 - 19:15:00	6	1	4	2	0	0.8	306	9.6	47	995.6
04/19/2022	19:15:00 - 19:30:00	6	1	4	2	0	0.6	277	9.5	48	995.6
04/19/2022	19:30:00 - 19:45:00	6	1	4	3	0	0.3	228	9.4	47	995.5
04/19/2022	19:45:00 - 20:00:00	6	1	4	3	0	0.6	205	9.4	47	995.5
04/19/2022	20:00:00 - 20:15:00	6	1	4	2	0	0.6	206	9.4	48	995.4
04/19/2022	20:15:00 - 20:30:00	6	2	4	3	0	0.7	154	9.4	48	995.5
04/19/2022	20:30:00 - 20:45:00	6	1	4	3	0	0.8	160	9.4	48	995.7
04/19/2022	20:45:00 - 21:00:00	6	1	4	3	0	1.2	151	9.4	47	995.8
04/19/2022	21:00:00 - 21:15:00	6	1	4	2	0	1.1	148	9.4	48	996.0
04/19/2022	21:15:00 - 21:30:00	6	2	4	3	0	1.2	152	9.4	48	996.3
04/19/2022	21:30:00 - 21:45:00	6	2	4	3	0	1.2	150	9.3	49	996.7
04/19/2022	21:45:00 - 22:00:00	6	2	4	3	0	0.9	166	9.3	50	996.9
04/19/2022	22:00:00 - 22:15:00	7	2	4	3	1	0.8	168	9.2	52	997.0
04/19/2022	22:15:00 - 22:30:00	7	2	5	3	1	1.0	166	9.1	52	996.9
04/19/2022	22:30:00 - 22:45:00	7	3	5	4	1	0.8	185	9.0	54	997.0
04/19/2022	22:45:00 - 23:00:00	7	3	5	4	2	0.8	168	8.9	56	996.9
04/19/2022	23:00:00 - 23:15:00	8	3	5	4	2	0.8	194	8.8	57	996.8
04/19/2022	23:15:00 - 23:30:00	7	3	5	4	1	1.0	158	8.8	57	996.7
04/19/2022	23:30:00 - 23:45:00	7	2	4	3	1	1.1	160	8.9	56	996.8
04/19/2022	23:45:00 - 00:00:00	7	2	5	3	1	0.9	172	8.9	55	996.8

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

Appendix A: Complete Preliminary Data Record

4/13/2022																				
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	700	0.0	800	0.0	900	0.0	1000	0.0	1100	0.0	1200	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SAM-2	702	0.0	802	0.0	902	0.0	1002	0.0	1102	0.0	1202	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SAM-3	705	0.0	803	0.0	903	0.0	1004	0.0	1104	0.0	1204	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SAM-4	708	0.0	806	0.0	906	0.0	1007	0.0	1107	0.0	1207	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-A	709	0.0	807	0.0	907	0.0	1008	0.0	1108	0.0	1208	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-B	710	0.0	808	0.0	908	0.0	1009	0.0	1109	0.0	1209	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-C	711	0.0	809	0.0	909	0.0	1010	0.0	1110	0.0	1210	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-D	712	0.0	810	0.0	910	0.0	1011	0.0	1111	0.0	1211	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-E	713	0.0	811	0.0	911	0.0	1012	0.0	1112	0.0	1212	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-F	714	0.0	812	0.0	912	0.0	1013	0.0	1113	0.0	1213	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-G	715	0.0	813	0.0	913	0.0	1014	0.0	1114	0.0	1214	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-H	716	0.0	814	0.0	914	0.0	1015	0.0	1115	0.0	1215	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-I	717	0.0	815	0.0	915	0.0	1016	0.0	1116	0.0	1216	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-J	718	0.0	816	0.0	916	0.0	1017	0.0	1117	0.0	1217	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-K	719	0.0	817	0.0	917	0.0	1018	0.0	1118	0.0	1218	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
IMPL-L	720	0.0	818	0.0	918	0.0	1019	0.0	1119	0.0	1219	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.  
Excavation stopped at 1:00 pm due to weather.

4/14/2022																				
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	700	0.0	800	0.0	900	0.0	1000	0.0	1100	0.0	1200	0.0	1300	0.0	1400	0.0	1500	0.0	1600	0.0
SAM-2	702	0.0	802	0.0	902	0.0	1002	0.0	1102	0.0	1202	0.0	1302	0.0	1402	0.0	1502	0.0	1602	0.0
SAM-3	705	0.0	805	0.0	905	0.0	1005	0.0	1105	0.0	1205	0.0	1305	0.0	1405	0.0	1505	0.0	1605	0.0
SAM-4	708	0.0	808	0.0	908	0.0	1008	0.0	1108	0.0	1208	0.0	1308	0.0	1408	0.0	1508	0.0	1608	0.0
IMPL-A	709	0.0	809	0.0	909	0.0	1009	0.0	1109	0.0	1209	0.0	1309	0.0	1409	0.0	1509	0.0	1609	0.0
IMPL-B	710	0.0	810	0.0	910	0.0	1010	0.0	1110	0.0	1210	0.0	1310	0.0	1410	0.0	1510	0.0	1610	0.0
IMPL-C	711	0.0	811	0.0	911	0.0	1011	0.0	1111	0.0	1211	0.0	1311	0.0	1411	0.0	1511	0.0	1611	0.0
IMPL-D	712	0.0	812	0.0	912	0.0	1012	0.0	1112	0.0	1212	0.0	1312	0.0	1412	0.0	1512	0.0	1612	0.0
IMPL-E	713	0.0	813	0.0	913	0.0	1013	0.0	1113	0.0	1213	0.0	1313	0.0	1413	0.0	1513	0.0	1613	0.0
IMPL-F	714	0.0	814	0.0	914	0.0	1014	0.0	1114	0.0	1214	0.0	1314	0.0	1414	0.0	1514	0.0	1614	0.0
IMPL-G	715	0.0	815	0.0	915	0.0	1015	0.0	1115	0.0	1215	0.0	1315	0.0	1415	0.0	1515	0.0	1615	0.0
IMPL-H	716	0.0	816	0.0	916	0.0	1016	0.0	1116	0.0	1216	0.0	1316	0.0	1416	0.0	1516	0.0	1616	0.0
IMPL-I	717	0.0	817	0.0	917	0.0	1017	0.0	1117	0.0	1217	0.0	1317	0.0	1417	0.0	1517	0.0	1617	0.0
IMPL-J	718	0.0	818	0.0	918	0.0	1018	0.0	1118	0.0	1218	0.0	1318	0.0	1418	0.0	1518	0.0	1618	0.0
IMPL-K	719	0.0	819	0.0	919	0.0	1019	0.0	1119	0.0	1219	0.0	1319	0.0	1419	0.0	1519	0.0	1619	0.0
IMPL-L	720	0.0	820	0.0	920	0.0	1020	0.0	1120	0.0	1220	0.0	1320	0.0	1420	0.0	1520	0.0	1620	0.0

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

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

Appendix A: Complete Preliminary Data Record

4/15/2022																				
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	700	0.0	800	0.0	900	0.0	1000	0.0	1100	0.0	1200	0.0	1300	0.0	1400	0.0	1500	0.0	N/A	N/A
SAM-2	702	0.0	802	0.0	902	0.0	1002	0.0	1102	0.0	1202	0.0	1302	0.0	1402	0.0	1502	0.0	N/A	N/A
SAM-3	704	0.0	804	0.0	904	0.0	1003	0.0	1105	0.0	1205	0.0	1305	0.0	1405	0.0	1505	0.0	N/A	N/A
SAM-4	707	0.0	807	0.0	907	0.0	1006	0.0	1108	0.0	1208	0.0	1308	0.0	1408	0.0	1508	0.0	N/A	N/A
IMPL-A	708	0.0	808	0.0	908	0.0	1007	0.0	1109	0.0	1209	0.0	1309	0.0	1409	0.0	1509	0.0	N/A	N/A
IMPL-B	709	0.0	809	0.0	909	0.0	1008	0.0	1110	0.0	1210	0.0	1310	0.0	1410	0.0	1510	0.0	N/A	N/A
IMPL-C	710	0.0	810	0.0	910	0.0	1009	0.0	1111	0.0	1211	0.0	1311	0.0	1411	0.0	1511	0.0	N/A	N/A
IMPL-D	711	0.0	811	0.0	911	0.0	1010	0.0	1112	0.0	1212	0.0	1312	0.0	1412	0.0	1512	0.0	N/A	N/A
IMPL-E	712	0.0	812	0.0	912	0.0	1011	0.0	1113	0.0	1213	0.0	1313	0.0	1413	0.0	1513	0.0	N/A	N/A
IMPL-F	713	0.0	813	0.0	913	0.0	1012	0.0	1114	0.0	1214	0.0	1314	0.0	1414	0.0	1514	0.0	N/A	N/A
IMPL-G	714	0.0	814	0.0	914	0.0	1013	0.0	1115	0.0	1215	0.0	1315	0.0	1415	0.0	1515	0.0	N/A	N/A
IMPL-H	715	0.0	815	0.0	915	0.0	1014	0.0	1116	0.0	1216	0.0	1316	0.0	1416	0.0	1516	0.0	N/A	N/A
IMPL-I	716	0.0	816	0.0	916	0.0	1015	0.0	1117	0.0	1217	0.0	1317	0.0	1417	0.0	1517	0.0	N/A	N/A
IMPL-J	717	0.0	817	0.0	917	0.0	1016	0.0	1118	0.0	1218	0.0	1318	0.0	1418	0.0	1518	0.0	N/A	N/A
IMPL-K	718	0.0	818	0.0	918	0.0	1017	0.0	1119	0.0	1219	0.0	1319	0.0	1419	0.0	1519	0.0	N/A	N/A
IMPL-L	719	0.0	819	0.0	919	0.0	1018	0.0	1120	0.0	1220	0.0	1320	0.0	1420	0.0	1520	0.0	N/A	N/A

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

4/18/2022																				
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	749	0.0	804	0.0	904	0.0	1004	0.0	1104	0.0	1204	0.0	1304	0.0	1404	0.0	1504	0.0	1604	0.0
SAM-2	746	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1201	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
SAM-3	757	0.0	812	0.0	912	0.0	1012	0.0	1112	0.0	1212	0.0	1312	0.0	1412	0.0	1512	0.0	1612	0.0
SAM-4	752	0.0	807	0.0	907	0.0	1007	0.0	1107	0.0	1207	0.0	1307	0.0	1407	0.0	1507	0.0	1607	0.0
IMPL-A	745	0.0	800	0.0	900	0.0	1000	0.0	1100	0.0	1200	0.0	1300	0.0	1400	0.0	1500	0.0	1600	0.0
IMPL-B	746	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1201	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
IMPL-C	747	0.0	802	0.0	902	0.0	1002	0.0	1102	0.0	1202	0.0	1302	0.0	1402	0.0	1502	0.0	1602	0.0
IMPL-D	748	0.0	803	0.0	903	0.0	1003	0.0	1103	0.0	1203	0.0	1303	0.0	1403	0.0	1503	0.0	1603	0.0
IMPL-E	750	0.0	805	0.0	905	0.0	1005	0.0	1105	0.0	1205	0.0	1305	0.0	1405	0.0	1505	0.0	1605	0.0
IMPL-F	751	0.0	806	0.0	906	0.0	1006	0.0	1106	0.0	1206	0.0	1306	0.0	1406	0.0	1506	0.0	1606	0.0
IMPL-G	753	0.0	808	0.0	908	0.0	1008	0.0	1108	0.0	1208	0.0	1308	0.0	1408	0.0	1508	0.0	1608	0.0
IMPL-H	754	0.0	809	0.0	909	0.0	1009	0.0	1109	0.0	1209	0.0	1309	0.0	1409	0.0	1509	0.0	1609	0.0
IMPL-I	755	0.0	810	0.0	910	0.0	1010	0.0	1110	0.0	1210	0.0	1310	0.0	1410	0.0	1510	0.0	1610	0.0
IMPL-J	756	0.0	811	0.0	911	0.0	1011	0.0	1111	0.0	1211	0.0	1311	0.0	1411	0.0	1511	0.0	1611	0.0
IMPL-K	758	0.0	813	0.0	913	0.0	1013	0.0	1113	0.0	1213	0.0	1313	0.0	1413	0.0	1513	0.0	1613	0.0
IMPL-L	759	0.0	814	0.0	914	0.0	1014	0.0	1114	0.0	1214	0.0	1314	0.0	1414	0.0	1514	0.0	1614	0.0

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

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

Appendix A: Complete Preliminary Data Record

4/19/2022																				
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7		Reading 8		Reading 9		Reading 10	
	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)	Time (CST)	VOC Conc. (ppm)
SAM-1	734	0.0	804	0.0	904	0.0	1004	0.0	1104	0.0	1204	0.0	1304	0.0	1404	0.0	1504	0.0	1604	0.0
SAM-2	731	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1201	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
SAM-3	742	0.0	812	0.0	912	0.0	1012	0.0	1112	0.0	1212	0.0	1312	0.0	1412	0.0	1512	0.0	1612	0.0
SAM-4	737	0.0	807	0.0	907	0.0	1007	0.0	1107	0.0	1207	0.0	1307	0.0	1407	0.0	1507	0.0	1607	0.0
IMPL-A	730	0.0	800	0.0	900	0.0	1000	0.0	1100	0.0	1200	0.0	1300	0.0	1400	0.0	1500	0.0	1600	0.0
IMPL-B	731	0.0	801	0.0	901	0.0	1001	0.0	1101	0.0	1201	0.0	1301	0.0	1401	0.0	1501	0.0	1601	0.0
IMPL-C	732	0.0	802	0.0	902	0.0	1002	0.0	1102	0.0	1202	0.0	1302	0.0	1402	0.0	1502	0.0	1602	0.0
IMPL-D	733	0.0	803	0.0	903	0.0	1003	0.0	1103	0.0	1203	0.0	1303	0.0	1403	0.0	1503	0.0	1603	0.0
IMPL-E	735	0.0	805	0.0	905	0.0	1005	0.0	1105	0.0	1205	0.0	1305	0.0	1405	0.0	1505	0.0	1605	0.0
IMPL-F	736	0.0	806	0.0	906	0.0	1006	0.0	1106	0.0	1206	0.0	1306	0.0	1406	0.0	1506	0.0	1606	0.0
IMPL-G	738	0.0	808	0.0	908	0.0	1008	0.0	1108	0.0	1208	0.0	1308	0.0	1408	0.0	1508	0.0	1608	0.0
IMPL-H	739	0.0	809	0.0	909	0.0	1009	0.0	1109	0.0	1209	0.0	1309	0.0	1409	0.0	1509	0.0	1609	0.0
IMPL-I	740	0.0	810	0.0	910	0.0	1010	0.0	1110	0.0	1210	0.0	1310	0.0	1410	0.0	1510	0.0	1610	0.0
IMPL-J	741	0.0	811	0.0	911	0.0	1011	0.0	1111	0.0	1211	0.0	1311	0.0	1411	0.0	1511	0.0	1611	0.0
IMPL-K	743	0.0	813	0.0	913	0.0	1013	0.0	1113	0.0	1213	0.0	1313	0.0	1413	0.0	1513	0.0	1613	0.0
IMPL-L	744	0.0	814	0.0	914	0.0	1014	0.0	1114	0.0	1214	0.0	1314	0.0	1414	0.0	1514	0.0	1614	0.0

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

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

**APPENDIX B      COMPLETE PRELIMINARY LAB RESULT DATA**

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Appendix B: Complete Preliminary Lab Result Data

Method	Sample			Units	Results	Data Flags	Compound Name
	ID	Start Date/Time	End Date/Time				
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg	2.8		Naphthalene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	2-Methylnaphthalene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	2-Chloronaphthalene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Acenaphthylene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Acenaphthene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Fluorene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Phenanthrene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Anthracene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Fluoranthene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Pyrene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Chrysene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Benzo(a)anthracene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Benzo(b)fluoranthene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Benzo(k)fluoranthene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Benzo(a)pyrene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	%R	66		Fluorene-d10
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	%R	78		Pyrene-d10
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	%R	68		Benzo(a)pyrene-d12
TO-13A	20220330-0401-SE-SAM1	03/30/2022 11:59	04/01/2022 08:12	%R	59		Fluoranthene-d10
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg	1.9		Naphthalene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	2-Methylnaphthalene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	2-Chloronaphthalene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Acenaphthylene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Acenaphthene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Fluorene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Phenanthrene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Anthracene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Fluoranthene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Pyrene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Chrysene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Benzo(a)anthracene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Benzo(b)fluoranthene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Benzo(k)fluoranthene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Benzo(a)pyrene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	%R	75		Fluorene-d10
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	%R	90		Pyrene-d10
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	%R	80		Benzo(a)pyrene-d12
TO-13A	20220330-0401-NE-SAM2	03/30/2022 11:54	04/01/2022 07:50	%R	68		Fluoranthene-d10
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg	2.0		Naphthalene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	2-Methylnaphthalene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	2-Chloronaphthalene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Acenaphthylene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Acenaphthene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Fluorene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Phenanthrene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Anthracene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Fluoranthene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Pyrene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Chrysene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Benzo(a)anthracene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	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	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Benzo(k)fluoranthene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Benzo(a)pyrene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	%R	72		Fluorene-d10
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	%R	81		Pyrene-d10
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	%R	73		Benzo(a)pyrene-d12
TO-13A	20220330-0401-SE-SAM3	03/30/2022 11:56	04/01/2022 08:07	%R	65		Fluoranthene-d10
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Naphthalene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	2-Methylnaphthalene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	2-Chloronaphthalene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Acenaphthylene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Acenaphthene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Fluorene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Phenanthrene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Anthracene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Fluoranthene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Pyrene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Chrysene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Benzo(a)anthracene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Benzo(b)fluoranthene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Benzo(k)fluoranthene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Benzo(a)pyrene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	%R	75		Fluorene-d10
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	%R	82		Pyrene-d10
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	%R	80		Benzo(a)pyrene-d12
TO-13A	20220330-0401-NW-SAM4	03/30/2022 12:03	04/01/2022 08:02	%R	70		Fluoranthene-d10
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Naphthalene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	2-Methylnaphthalene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	2-Chloronaphthalene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Acenaphthylene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Acenaphthene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Fluorene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Phenanthrene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Anthracene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Fluoranthene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Pyrene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Chrysene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Benzo(a)anthracene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Benzo(b)fluoranthene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Benzo(k)fluoranthene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Benzo(a)pyrene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	%R	72		Fluorene-d10
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	%R	80		Pyrene-d10
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	%R	80		Benzo(a)pyrene-d12
TO-13A	20220330-0401-SW-SAM5	03/30/2022 12:05	04/01/2022 07:54	%R	70		Fluoranthene-d10
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Naphthalene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	2-Methylnaphthalene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	2-Chloronaphthalene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	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	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Acenaphthene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Fluorene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Phenanthrene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Anthracene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Fluoranthene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Pyrene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Chrysene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Benzo(a)anthracene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Benzo(b)fluoranthene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Benzo(k)fluoranthene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Benzo(a)pyrene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	%R	67		Fluorene-d10
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	%R	80		Pyrene-d10
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	%R	75		Benzo(a)pyrene-d12
TO-13A	20220330-0401-SAM6	03/30/2022 12:06	04/01/2022 08:15	%R	65		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
	ID	Start Date/Time	End Date/Time				
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Naphthalene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	2-Methylnaphthalene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	2-Chloronaphthalene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Acenaphthylene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Acenaphthene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Fluorene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Phenanthrene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Anthracene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Fluoranthene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Pyrene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Chrysene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Benzo(a)anthracene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Benzo(b)fluoranthene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Benzo(k)fluoranthene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Benzo(a)pyrene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	%R	72		Fluorene-d10
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	%R	89		Pyrene-d10
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	%R	83		Benzo(a)pyrene-d12
TO-13A	20220404-06-SE-SAM1	04/04/2022 11:02	04/06/2022 10:05	%R	72		Fluoranthene-d10
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg	3.0		Naphthalene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	2-Methylnaphthalene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	2-Chloronaphthalene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Acenaphthylene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Acenaphthene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Fluorene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Phenanthrene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Anthracene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Fluoranthene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Pyrene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Chrysene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Benzo(a)anthracene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Benzo(b)fluoranthene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Benzo(k)fluoranthene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Benzo(a)pyrene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	%R	87		Fluorene-d10
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	%R	107		Pyrene-d10
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	%R	102		Benzo(a)pyrene-d12
TO-13A	20220404-06-NE-SAM2	04/04/2022 10:50	04/06/2022 11:14	%R	87		Fluoranthene-d10
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Naphthalene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	2-Methylnaphthalene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	2-Chloronaphthalene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Acenaphthylene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Acenaphthene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Fluorene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Phenanthrene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Anthracene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Fluoranthene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Pyrene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Chrysene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Benzo(a)anthracene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	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	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Benzo(k)fluoranthene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Benzo(a)pyrene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	%R	70		Fluorene-d10
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	%R	90		Pyrene-d10
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	%R	81		Benzo(a)pyrene-d12
TO-13A	20220404-06-SE-SAM3	04/04/2022 11:08	04/06/2022 10:22	%R	67		Fluoranthene-d10
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg	2.7		Naphthalene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	2-Methylnaphthalene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	2-Chloronaphthalene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Acenaphthylene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Acenaphthene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Fluorene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Phenanthrene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Anthracene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Fluoranthene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Pyrene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Chrysene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Benzo(a)anthracene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Benzo(b)fluoranthene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Benzo(k)fluoranthene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Benzo(a)pyrene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	%R	87		Fluorene-d10
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	%R	118		Pyrene-d10
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	%R	108		Benzo(a)pyrene-d12
TO-13A	20220404-06-NW-SAM4	04/04/2022 11:22	04/06/2022 10:56	%R	85		Fluoranthene-d10
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Naphthalene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	2-Methylnaphthalene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	2-Chloronaphthalene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Acenaphthylene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Acenaphthene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Fluorene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Phenanthrene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Anthracene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Fluoranthene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Pyrene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Chrysene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Benzo(a)anthracene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Benzo(b)fluoranthene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Benzo(k)fluoranthene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Benzo(a)pyrene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	%R	77		Fluorene-d10
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	%R	106		Pyrene-d10
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	%R	93		Benzo(a)pyrene-d12
TO-13A	20220404-06-SW-SAM5	04/04/2022 11:15	04/06/2022 10:41	%R	73		Fluoranthene-d10
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Naphthalene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	2-Methylnaphthalene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	2-Chloronaphthalene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	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	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Acenaphthene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Fluorene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Phenanthrene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Anthracene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Fluoranthene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Pyrene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Chrysene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Benzo(a)anthracene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Benzo(b)fluoranthene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Benzo(k)fluoranthene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Benzo(a)pyrene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	%R	83		Fluorene-d10
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	%R	111		Pyrene-d10
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	%R	102		Benzo(a)pyrene-d12
TO-13A	20220404-06-SAM6	04/04/2022 11:29	04/06/2022 11:25	%R	78		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
	ID	Start Date/Time	End Date/Time				
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Naphthalene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	2-Methylnaphthalene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	2-Chloronaphthalene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Acenaphthylene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Acenaphthene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Fluorene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Phenanthrene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Anthracene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Fluoranthene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Pyrene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Chrysene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Benzo(a)anthracene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Benzo(b)fluoranthene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Benzo(k)fluoranthene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Benzo(a)pyrene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	%R	95		Fluorene-d10
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	%R	109		Pyrene-d10
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	%R	131		Benzo(a)pyrene-d12
TO-13A	20220406-08-SE-SAM1	04/06/2022 10:09	04/08/2022 10:17	%R	96		Fluoranthene-d10
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Naphthalene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	2-Methylnaphthalene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	2-Chloronaphthalene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Acenaphthylene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Acenaphthene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Fluorene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Phenanthrene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Anthracene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Fluoranthene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Pyrene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Chrysene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Benzo(a)anthracene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Benzo(b)fluoranthene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Benzo(k)fluoranthene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Benzo(a)pyrene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	%R	98		Fluorene-d10
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	%R	86		Pyrene-d10
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	%R	106		Benzo(a)pyrene-d12
TO-13A	20220406-08-NE-SAM2	04/06/2022 11:17	04/08/2022 10:42	%R	86		Fluoranthene-d10
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Naphthalene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	2-Methylnaphthalene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	2-Chloronaphthalene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Acenaphthylene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Acenaphthene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Fluorene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Phenanthrene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Anthracene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Fluoranthene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Pyrene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Chrysene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Benzo(a)anthracene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	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	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Benzo(k)fluoranthene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Benzo(a)pyrene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	%R	76		Fluorene-d10
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	%R	96		Pyrene-d10
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	%R	89		Benzo(a)pyrene-d12
TO-13A	20220406-08-SE-SAM3	04/06/2022 10:26	04/08/2022 10:11	%R	78		Fluoranthene-d10
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Naphthalene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	2-Methylnaphthalene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	2-Chloronaphthalene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Acenaphthylene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Acenaphthene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Fluorene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Phenanthrene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Anthracene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Fluoranthene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Pyrene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Chrysene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Benzo(a)anthracene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Benzo(b)fluoranthene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Benzo(k)fluoranthene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Benzo(a)pyrene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	%R	73		Fluorene-d10
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	%R	80		Pyrene-d10
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	%R	85		Benzo(a)pyrene-d12
TO-13A	20220406-08-NW-SAM4	04/06/2022 10:59	04/08/2022 10:33	%R	88		Fluoranthene-d10
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Naphthalene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	2-Methylnaphthalene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	2-Chloronaphthalene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Acenaphthylene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Acenaphthene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Fluorene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Phenanthrene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Anthracene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Fluoranthene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Pyrene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Chrysene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Benzo(a)anthracene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Benzo(b)fluoranthene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Benzo(k)fluoranthene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Benzo(a)pyrene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	%R	99		Fluorene-d10
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	%R	94		Pyrene-d10
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	%R	118		Benzo(a)pyrene-d12
TO-13A	20220406-08-SW-SAM5	04/06/2022 10:44	04/08/2022 10:24	%R	85		Fluoranthene-d10
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Naphthalene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	2-Methylnaphthalene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	2-Chloronaphthalene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	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	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Acenaphthene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Fluorene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Phenanthrene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Anthracene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Fluoranthene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Pyrene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Chrysene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Benzo(a)anthracene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Benzo(b)fluoranthene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Benzo(k)fluoranthene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Benzo(a)pyrene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Dibenz(a,h)anthracene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	µg		ND	Benzo(g,h,i)perylene
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	%R	86		Fluorene-d10
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	%R	93		Pyrene-d10
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	%R	114		Benzo(a)pyrene-d12
TO-13A	20220406-08-SAM6	04/06/2022 11:20	04/08/2022 10:05	%R	72		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	20220323-0406-SE-SAM1	3/23/2022 10:25	µg/m <sup>3</sup>	0.20	U	Styrene
EPA 325	20220323-0406-SE-SAM1	3/23/2022 10:25	µg/m <sup>3</sup>	1.1		Benzene
EPA 325	20220323-0406-SE-SAM1	3/23/2022 10:25	µg/m <sup>3</sup>	0.82		Toluene
EPA 325	20220323-0406-SE-SAM1	3/23/2022 10:25	µg/m <sup>3</sup>	0.28	U	Ethyl Benzene
EPA 325	20220323-0406-SE-SAM1	3/23/2022 10:25	µg/m <sup>3</sup>	0.62		m,p-Xylene
EPA 325	20220323-0406-SE-SAM1	3/23/2022 10:25	µg/m <sup>3</sup>	0.28	U	o-Xylene
EPA 325	20220323-0406-NE-SAM2	3/23/2022 10:20	µg/m <sup>3</sup>	0.20	U	Styrene
EPA 325	20220323-0406-NE-SAM2	3/23/2022 10:20	µg/m <sup>3</sup>	1.5		Benzene
EPA 325	20220323-0406-NE-SAM2	3/23/2022 10:20	µg/m <sup>3</sup>	0.91		Toluene
EPA 325	20220323-0406-NE-SAM2	3/23/2022 10:20	µg/m <sup>3</sup>	0.28	U	Ethyl Benzene
EPA 325	20220323-0406-NE-SAM2	3/23/2022 10:20	µg/m <sup>3</sup>	0.62		m,p-Xylene
EPA 325	20220323-0406-NE-SAM2	3/23/2022 10:20	µg/m <sup>3</sup>	0.28	U	o-Xylene
EPA 325	20220323-0406-SE-SAM3	3/23/2022 10:27	µg/m <sup>3</sup>	0.20	U	Styrene
EPA 325	20220323-0406-SE-SAM3	3/23/2022 10:27	µg/m <sup>3</sup>	1.3		Benzene
EPA 325	20220323-0406-SE-SAM3	3/23/2022 10:27	µg/m <sup>3</sup>	0.92		Toluene
EPA 325	20220323-0406-SE-SAM3	3/23/2022 10:27	µg/m <sup>3</sup>	0.28	U	Ethyl Benzene
EPA 325	20220323-0406-SE-SAM3	3/23/2022 10:27	µg/m <sup>3</sup>	0.50	J	m,p-Xylene
EPA 325	20220323-0406-SE-SAM3	3/23/2022 10:27	µg/m <sup>3</sup>	0.28	U	o-Xylene
EPA 325	20220323-0406-NW-SAM4	3/23/2022 10:35	µg/m <sup>3</sup>	0.20	U	Styrene
EPA 325	20220323-0406-NW-SAM4	3/23/2022 10:35	µg/m <sup>3</sup>	0.94		Benzene
EPA 325	20220323-0406-NW-SAM4	3/23/2022 10:35	µg/m <sup>3</sup>	0.56		Toluene
EPA 325	20220323-0406-NW-SAM4	3/23/2022 10:35	µg/m <sup>3</sup>	0.28	U	Ethyl Benzene
EPA 325	20220323-0406-NW-SAM4	3/23/2022 10:35	µg/m <sup>3</sup>	0.28	U	m,p-Xylene
EPA 325	20220323-0406-NW-SAM4	3/23/2022 10:35	µg/m <sup>3</sup>	0.28	U	o-Xylene
EPA 325	20220323-0406-SW-SAM5	3/23/2022 10:33	µg/m <sup>3</sup>	0.20	U	Styrene
EPA 325	20220323-0406-SW-SAM5	3/23/2022 10:33	µg/m <sup>3</sup>	0.50		Benzene
EPA 325	20220323-0406-SW-SAM5	3/23/2022 10:33	µg/m <sup>3</sup>	0.26	J	Toluene
EPA 325	20220323-0406-SW-SAM5	3/23/2022 10:33	µg/m <sup>3</sup>	0.28	U	Ethyl Benzene
EPA 325	20220323-0406-SW-SAM5	3/23/2022 10:33	µg/m <sup>3</sup>	0.28	U	m,p-Xylene
EPA 325	20220323-0406-SW-SAM5	3/23/2022 10:33	µg/m <sup>3</sup>	0.28	U	o-Xylene
EPA 325	20220323-0406-SAM6	3/23/2022 10:40	µg/m <sup>3</sup>	0.20	U	Styrene
EPA 325	20220323-0406-SAM6	3/23/2022 10:40	µg/m <sup>3</sup>	0.20	J	Benzene
EPA 325	20220323-0406-SAM6	3/23/2022 10:40	µg/m <sup>3</sup>	0.25	U	Toluene
EPA 325	20220323-0406-SAM6	3/23/2022 10:40	µg/m <sup>3</sup>	0.28	U	Ethyl Benzene
EPA 325	20220323-0406-SAM6	3/23/2022 10:40	µg/m <sup>3</sup>	0.28	U	m,p-Xylene
EPA 325	20220323-0406-SAM6	3/23/2022 10:40	µg/m <sup>3</sup>	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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