



Ameren Champaign MGP - Fifth Street

Weekly Air Monitoring Report

7 January, 2022

Project No.: 0529307

1. INTRODUCTION

Environmental Resources Management, Inc. (ERM) set up five stationary air monitors (SAMs) at four locations around the perimeter of the remediation site to monitor dust levels (PM₁₀), volatile organic compounds (VOC's), and semi-volatile organic compounds (SVOC's) 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/direction, temperature, and pressure to record current atmospheric conditions and assess where the concentrations are coming from. Figure 1 illustrates the monitoring network configuration.



This weekly summary presents the real-time ambient air quality and meteorological data collected from December 29, 2021 through January 5, 2022. This weekly report also provides laboratory results received during this time period.

ERM used health effects information 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.

2. SUMMARY

The reporting period covers both the pre-remediation baseline phase, as well as the initial remediation operational phase. No parameters exceeded their corresponding designated action levels over the reporting period. This indicates that there was no significant adverse impact on local air quality. Since there were no air quality alert conditions, there was no need to curtail remediation activities or enhance emission control measures.

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

Table 1. Reporting Period Air Monitoring Summary¹

CONSTITUENTS OF CONCERN	NUMBER OF ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL EXCEEDANCES	MAXIMUM MEASURED CONCENTRATION	ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL
Inhalable Particulate Matter (15-min average, $\mu\text{g}/\text{m}^3$)	0	135	360
VOC (1-minute average, $\mu\text{g}/\text{m}^3$)	0	0	156.7
Benzene, Real-time GC (1-minute average $\mu\text{g}/\text{m}^3$)	N/A	N/A	156.7
Styrene, Method 325B (12 day sample period, $\mu\text{g}/\text{m}^3$)	0	0.24	205,000
Benzene, Method 325B (12 day sample period, $\mu\text{g}/\text{m}^3$)	0	0.77	16.5
Toluene, Method 325B (12 day sample period, $\mu\text{g}/\text{m}^3$)	0	0.66	23,400
Xylenes (total), Method 325B (12 day sample period, $\mu\text{g}/\text{m}^3$)	0	0.66	41,000
Ethylbenzene, Method 325B (12 day sample period, $\mu\text{g}/\text{m}^3$)	0	0.33	59,400
2-methylnaphthalene, Method TO-13A (3 day sample period, $\mu\text{g}/\text{m}^3$)	0	ND	820
Acenaphthene, Method TO-13A (3 day sample period, $\mu\text{g}/\text{m}^3$)	0	ND	12,300
Acenaphthylene, Method TO-13A (3 day sample period, $\mu\text{g}/\text{m}^3$)	0	ND	615
Anthracene, Method TO-13A (3 day sample period, $\mu\text{g}/\text{m}^3$)	0	ND	615
Benzo(a)anthracene, Method TO-13A (3 day sample period, $\mu\text{g}/\text{m}^3$)	0	ND	1.54
Benzo(a)pyrene, Method TO-13A (3 day sample period, $\mu\text{g}/\text{m}^3$)	0	ND	0.154

CONSTITUENTS OF CONCERN	NUMBER OF ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL EXCEEDANCES	MAXIMUM MEASURED CONCENTRATION	ACTION LEVEL OR ACCEPTABLE EXPOSURE LEVEL
Benzo(k)fluoranthene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	15.4
Benzo(b)fluoranthene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	15.4
Chrysene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	154
Dibenzo(a,h)anthracene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	0.154
Fluoranthene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	8,200
Fluorene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	8,200
Ideno(1,2,3-cd)pyrene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	1.54
Napthalene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	176
Phenanthrene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	6,150
Pyrene, Method TO-13A (3 day sample period, µg/m ³)	0	ND	6,150

Notes:

¹ 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 monitoring system data quality control measures was acceptable. The preliminary (not yet fully quality-assured) data record for the reporting period is contained in Appendix A. Laboratory result data for VOC's are contained in Appendix B.

The upcoming reporting period will cover monitoring during continuing remediation work

APPENDIX A

**COMPLETE PRELIMINARY DATA RECORD—NOT FULLY
QUALITY ASSURED**

Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
12/29/2021	00:00:00 - 00:15:00	11	21	14	22	16	1.812	86.3	5.9
12/29/2021	00:15:00 - 00:30:00	12	21	15	22	16	2.11	79.2	5.9
12/29/2021	00:30:00 - 00:45:00	12	22	15	23	16	1.76	90.767	5.948
12/29/2021	00:45:00 - 01:00:00	12	22	15	23	17	3.296	65.2	6.033
12/29/2021	01:00:00 - 01:15:00	12	22	15	23	17	3.221	67.967	6.145
12/29/2021	01:15:00 - 01:30:00	12	22	15	23	17	3.314	70.367	6.197
12/29/2021	01:30:00 - 01:45:00	13	23	15	24	17	3.314	63.867	6.107
12/29/2021	01:45:00 - 02:00:00	13	23	16	24	18	3.109	66.283	6.1
12/29/2021	02:00:00 - 02:15:00	13	23	16	24	18	3.266	58.817	6.018
12/29/2021	02:15:00 - 02:30:00	13	23	16	24	18	3.583	41.783	5.975
12/29/2021	02:30:00 - 02:45:00	13	23	16	24	18	4.437	58.667	5.835
12/29/2021	02:45:00 - 03:00:00	13	23	16	24	18	5.484	46.933	5.697
12/29/2021	03:00:00 - 03:15:00	13	23	16	24	18	6.327	28.35	5.15
12/29/2021	03:15:00 - 03:30:00	13	23	16	24	18	6.633	32.833	4.533
12/29/2021	03:30:00 - 03:45:00	13	23	16	24	18	5.708	36.033	4.063
12/29/2021	03:45:00 - 04:00:00	13	23	16	24	18	3.736	27.717	3.848
12/29/2021	04:00:00 - 04:15:00	13	23	16	24	18	4.88	26.817	3.552
12/29/2021	04:15:00 - 04:30:00	13	23	16	24	18	5.868	33.75	3.208
12/29/2021	04:30:00 - 04:45:00	13	23	16	24	18	6.595	33.6	2.705
12/29/2021	04:45:00 - 05:00:00	13	23	16	24	18	5.719	32.85	2.5
12/29/2021	05:00:00 - 05:15:00	13	23	16	24	18	5.022	36.25	2.398
12/29/2021	05:15:00 - 05:30:00	13	23	16	24	18	4.213	30.983	2.367
12/29/2021	05:30:00 - 05:45:00	13	23	16	24	18	5.223	31.8	2.3
12/29/2021	05:45:00 - 06:00:00	13	23	16	24	18	5.346	31.417	2.172
12/29/2021	06:00:00 - 06:15:00	13	23	16	24	18	5.432	35.433	2.015
12/29/2021	06:15:00 - 06:30:00	14	23	17	24	19	4.761	44.633	1.887
12/29/2021	06:30:00 - 06:45:00	14	23	17	25	19	5.164	57.483	1.85
12/29/2021	06:45:00 - 07:00:00	14	23	17	25	19	4.466	41.8	1.838
12/29/2021	07:00:00 - 07:15:00	14	24	17	25	19	4.396	44.117	1.85
12/29/2021	07:15:00 - 07:30:00	14	24	17	25	19	4.336	58.067	1.78
12/29/2021	07:30:00 - 07:45:00	14	24	17	25	19	4.824	50.817	1.692
12/29/2021	07:45:00 - 08:00:00	14	24	17	25	19	5.13	36.6	1.657
12/29/2021	08:00:00 - 08:15:00	14	24	17	25	19	4.921	37.283	1.795
12/29/2021	08:15:00 - 08:30:00	14	24	17	25	19	4.783	58.367	1.707
12/29/2021	08:30:00 - 08:45:00	20	24	17	25	19	4.317	35.883	1.863
12/29/2021	08:45:00 - 09:00:00	24	24	18	25	24	5.085	31.017	1.91
12/29/2021	09:00:00 - 09:15:00	23	24	18	26	29	4.843	40.017	1.927
12/29/2021	09:15:00 - 09:30:00	23	24	18	26	29	5.853	31.25	1.893
12/29/2021	09:30:00 - 09:45:00	23	25	18	26	29	4.798	34.317	1.82
12/29/2021	09:45:00 - 10:00:00	24	25	18	26	29	4.903	31.567	1.788
12/29/2021	10:00:00 - 10:15:00	24	25	18	26	30	3.877	24.567	1.805
12/29/2021	10:15:00 - 10:30:00	24	25	18	26	30	4.097	32.483	1.877
12/29/2021	10:30:00 - 10:45:00	25	25	18	26	30	4.418	42.033	1.9
12/29/2021	10:45:00 - 11:00:00	25	25	18	26	30	3.564	23.717	2.028
12/29/2021	11:00:00 - 11:15:00	27	25	19	26	39	3.732	28.883	2.127
12/29/2021	11:15:00 - 11:30:00	28	25	19	26	39	4.041	23.7	2.033
12/29/2021	11:30:00 - 11:45:00	28	25	19	27	38	5.305	19.5	1.945
12/29/2021	11:45:00 - 12:00:00	27	25	19	27	37	4.437	23.417	1.948
12/29/2021	12:00:00 - 12:15:00	27	26	19	27	37	5.007	18.317	1.807
12/29/2021	12:15:00 - 12:30:00	27	26	19	27	36	4.377	16.117	1.712
12/29/2021	12:30:00 - 12:45:00	27	26	19	27	36	5.279	21.017	1.678
12/29/2021	12:45:00 - 13:00:00	27	26	19	27	37	4.996	31.3	1.685
12/29/2021	13:00:00 - 13:15:00	27	26	19	27	38	4.847	37.6	1.785
12/29/2021	13:15:00 - 13:30:00	27	26	20	27	38	4.534	42.667	1.88
12/29/2021	13:30:00 - 13:45:00	27	26	20	27	38	4.623	45.017	1.887

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
12/29/2021	13:45:00 - 14:00:00	27	26	20	28	38	4.906	55.617	1.843
12/29/2021	14:00:00 - 14:15:00	27	26	20	28	38	4.347	49.633	1.925
12/29/2021	14:15:00 - 14:30:00	26	26	20	28	37	4.698	43.433	1.923
12/29/2021	14:30:00 - 14:45:00	26	26	20	28	37	4.328	54.85	1.83
12/29/2021	14:45:00 - 15:00:00	19	26	18	28	38	4.925	62.283	1.777
12/29/2021	15:00:00 - 15:15:00	7	9	8	32	22	4.194	70.483	1.66
12/29/2021	15:15:00 - 15:30:00	7	8	8	39	9	4.008	81.767	1.605
12/29/2021	15:30:00 - 15:45:00	7	8	8	40	10	3.236	56.583	1.602
12/29/2021	15:45:00 - 16:00:00	7	8	8	39	10	3.34	46.6	1.695
12/29/2021	16:00:00 - 16:15:00	8	10	9	65	13	3.08	55.867	1.7
12/29/2021	16:15:00 - 16:30:00	8	11	9	63	13	3.277	85.35	1.708
12/29/2021	16:30:00 - 16:45:00	8	11	9	59	13	3.493	92.1	1.793
12/29/2021	16:45:00 - 17:00:00	8	10	9	56	12	4.417	88.644	1.753
12/29/2021	17:00:00 - 17:15:00	8	10	9	54	12	4.862	82.05	1.68
12/29/2021	17:15:00 - 17:30:00	8	10	9	52	12	4.284	70.75	1.603
12/29/2021	17:30:00 - 17:45:00	8	10	9	51	12	3.139	71.35	1.6
12/29/2021	17:45:00 - 18:00:00	8	10	9	50	12	3.029	37.271	1.631
12/29/2021	18:00:00 - 18:15:00	8	10	9	49	11	3.296	27.85	1.698
12/29/2021	18:15:00 - 18:30:00	8	10	9	48	11	3.374	28.617	1.7
12/29/2021	18:30:00 - 18:45:00	8	10	9	47	11	3.631	31.317	1.69
12/29/2021	18:45:00 - 19:00:00	8	10	9	47	11	3.639	27.283	1.6
12/29/2021	19:00:00 - 19:15:00	8	10	9	46	11	3.657	22.6	1.6
12/29/2021	19:15:00 - 19:30:00	8	10	9	46	11	3.296	28.433	1.6
12/29/2021	19:30:00 - 19:45:00	8	10	9	46	11	4.064	34.567	1.587
12/29/2021	19:45:00 - 20:00:00	8	10	9	46	11	4.865	34.667	1.5
12/29/2021	20:00:00 - 20:15:00	8	10	9	45	11	5.369	49.65	1.435
12/29/2021	20:15:00 - 20:30:00	8	10	9	45	11	6.062	49.883	1.402
12/29/2021	20:30:00 - 20:45:00	8	10	9	45	11	4.485	34.767	1.348
12/29/2021	20:45:00 - 21:00:00	8	10	9	45	11	4.817	42.283	1.24
12/29/2021	21:00:00 - 21:15:00	9	10	9	46	11	5.469	47.733	1.202
12/29/2021	21:15:00 - 21:30:00	9	10	9	46	11	4.586	33.783	1.28
12/29/2021	21:30:00 - 21:45:00	9	10	9	46	12	4.698	44.817	1.3
12/29/2021	21:45:00 - 22:00:00	9	10	9	47	12	5.272	41.55	1.3
12/29/2021	22:00:00 - 22:15:00	9	10	9	48	12	5.346	36.083	1.3
12/29/2021	22:15:00 - 22:30:00	9	10	10	48	12	3.993	23.85	1.3
12/29/2021	22:30:00 - 22:45:00	9	11	10	49	12	4.709	38.867	1.295
12/29/2021	22:45:00 - 23:00:00	10	11	10	50	13	5.167	41.217	1.19
12/29/2021	23:00:00 - 23:15:00	10	11	10	51	13	5.686	46.583	1.043
12/29/2021	23:15:00 - 23:30:00	10	11	10	52	13	4.985	41.917	0.912
12/29/2021	23:30:00 - 23:45:00	10	11	11	53	14	5.596	49.933	0.768
12/29/2021	23:45:00 - 00:00:00	11	12	11	53	14	6.107	52.183	0.632
12/30/2021	00:00:00 - 00:15:00	11	12	11	54	14	5.645	56.25	0.542
12/30/2021	00:15:00 - 00:30:00	11	12	11	54	14	4.41	35.167	0.502
12/30/2021	00:30:00 - 00:45:00	11	12	11	54	14	4.802	46.3	0.497
12/30/2021	00:45:00 - 01:00:00	11	12	11	54	14	4.109	49.367	0.445
12/30/2021	01:00:00 - 01:15:00	11	12	11	55	14	4.269	39.65	0.4
12/30/2021	01:15:00 - 01:30:00	11	12	11	55	14	4.172	46.85	0.327
12/30/2021	01:30:00 - 01:45:00	11	12	11	55	14	3.557	56.2	0.305
12/30/2021	01:45:00 - 02:00:00	11	12	11	55	14	4.168	48.133	0.297
12/30/2021	02:00:00 - 02:15:00	11	12	11	55	14	3.262	37.15	0.297
12/30/2021	02:15:00 - 02:30:00	11	12	11	56	14	4.082	44.183	0.237
12/30/2021	02:30:00 - 02:45:00	11	12	11	56	14	3.81	43.183	0.225
12/30/2021	02:45:00 - 03:00:00	11	12	11	56	14	4.66	41.817	0.193
12/30/2021	03:00:00 - 03:15:00	11	12	11	56	14	4.608	43.117	0.128
12/30/2021	03:15:00 - 03:30:00	11	12	11	56	15	4.906	66.333	0.108

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [$\mu\text{g}/\text{m}^3$]	Average Concentration [$\mu\text{g}/\text{m}^3$]	Average Concentration [$\mu\text{g}/\text{m}^3$]	Average Concentration [$\mu\text{g}/\text{m}^3$]	Average Concentration [$\mu\text{g}/\text{m}^3$]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [$^{\circ}\text{C}$]
12/30/2021	03:30:00 - 03:45:00	12	12	11	56	15	4.63	70.617	0.225
12/30/2021	03:45:00 - 04:00:00	12	12	12	57	15	3.65	59.783	0.3
12/30/2021	04:00:00 - 04:15:00	12	12	12	57	15	4.712	76.017	0.302
12/30/2021	04:15:00 - 04:30:00	12	12	12	57	15	4.839	79.567	0.385
12/30/2021	04:30:00 - 04:45:00	12	13	12	57	15	4.735	75.483	0.41
12/30/2021	04:45:00 - 05:00:00	12	13	12	58	15	2.841	70.383	0.5
12/30/2021	05:00:00 - 05:15:00	12	13	12	58	15	3.948	65.683	0.5
12/30/2021	05:15:00 - 05:30:00	12	13	12	59	15	4.287	68.717	0.522
12/30/2021	05:30:00 - 05:45:00	12	13	12	59	15	4.493	78.017	0.6
12/30/2021	05:45:00 - 06:00:00	12	13	12	59	15	3.053	83.017	0.707
12/30/2021	06:00:00 - 06:15:00	12	13	12	60	16	2.964	95.3	0.803
12/30/2021	06:15:00 - 06:30:00	12	13	12	60	16	1.816	115.433	0.898
12/30/2021	06:30:00 - 06:45:00	13	13	12	61	16	1.726	112.917	0.955
12/30/2021	06:45:00 - 07:00:00	13	13	12	61	16	1.342	115.133	1.025
12/30/2021	07:00:00 - 07:15:00	13	13	12	62	16	1.353	125.067	1.133
12/30/2021	07:15:00 - 07:30:00	13	14	12	62	16	1.391	146.667	1.263
12/30/2021	07:30:00 - 07:45:00	13	14	12	63	16	1.622	122.233	1.372
12/30/2021	07:45:00 - 08:00:00	13	14	12	64	17	2.084	151.117	1.477
12/30/2021	08:00:00 - 08:15:00	13	16	12	64	17	2.043	134.483	1.608
12/30/2021	08:15:00 - 08:30:00	24	23	13	79	28	1.942	129.433	1.767
12/30/2021	08:30:00 - 08:45:00	24	23	13	120	31	2.01	124.183	1.943
12/30/2021	08:45:00 - 09:00:00	23	23	13	119	30	1.715	99.117	2.235
12/30/2021	09:00:00 - 09:15:00	23	23	13	117	30	2.308	113.8	2.47
12/30/2021	09:15:00 - 09:30:00	22	23	13	115	29	2.464	101.767	2.727
12/30/2021	09:30:00 - 09:45:00	22	23	13	113	29	2.912	111.15	2.847
12/30/2021	09:45:00 - 10:00:00	22	22	13	111	29	2.345	98	3.033
12/30/2021	10:00:00 - 10:15:00	21	22	13	109	28	3.553	104.1	3.072
12/30/2021	10:15:00 - 10:30:00	21	22	13	107	28	2.692	108.95	3.297
12/30/2021	10:30:00 - 10:45:00	21	21	13	117	27	2.334	119.1	3.638
12/30/2021	10:45:00 - 11:00:00	20	21	13	129	27	2.453	123.717	3.773
12/30/2021	11:00:00 - 11:15:00	20	21	13	124	26	2.353	100.567	3.992
12/30/2021	11:15:00 - 11:30:00	19	20	13	119	25	2.591	94.533	4.283
12/30/2021	11:30:00 - 11:45:00	19	20	13	115	25	2.86	84.233	4.275
12/30/2021	11:45:00 - 12:00:00	18	19	13	112	24	3.423	83.267	4.367
12/30/2021	12:00:00 - 12:15:00	18	19	13	109	24	1.935	88	4.73
12/30/2021	12:15:00 - 12:30:00	18	19	13	106	23	2.476	87.45	4.812
12/30/2021	12:30:00 - 12:45:00	18	18	13	103	23	2.229	71.836	4.882
12/30/2021	12:45:00 - 13:00:00	17	18	13	101	23	2.923	106.7	5.048
12/30/2021	13:00:00 - 13:15:00	17	18	13	98	22	2.662	119.45	5.213
12/30/2021	13:15:00 - 13:30:00	17	17	13	96	22	2.539	110.4	5.403
12/30/2021	13:30:00 - 13:45:00	16	17	13	93	21	2.915	126.733	5.6
12/30/2021	13:45:00 - 14:00:00	16	17	13	91	21	3.46	110.683	5.788
12/30/2021	14:00:00 - 14:15:00	15	16	13	88	20	4.265	123.95	6.077
12/30/2021	14:15:00 - 14:30:00	15	16	13	86	20	3.195	128.5	6.235
12/30/2021	14:30:00 - 14:45:00	15	16	13	84	19	2.39	138.517	6.433
12/30/2021	14:45:00 - 15:00:00	15	15	13	82	19	2.893	139.067	6.403
12/30/2021	15:00:00 - 15:15:00	14	15	13	81	18	3.072	134.767	6.357
12/30/2021	15:15:00 - 15:30:00	14	12	13	79	18	3.557	149.6	6.262
12/30/2021	15:30:00 - 15:45:00	14	9	13	78	18	1.577	139.8	6.218
12/30/2021	15:45:00 - 16:00:00	14	9	13	69	18	1.663	142.45	6.3
12/30/2021	16:00:00 - 16:15:00	14	9	13	42	13	1.991	143.383	6.3
12/30/2021	16:15:00 - 16:30:00	13	9	13	43	11	1.73	136.2	6.367
12/30/2021	16:30:00 - 16:45:00	13	9	13	43	11	1.633	135.733	6.402
12/30/2021	16:45:00 - 17:00:00	13	9	13	43	11	1.726	129.55	6.475
12/30/2021	17:00:00 - 17:15:00	13	9	13	44	11	1.853	129.267	6.502

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Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
12/30/2021	17:15:00 - 17:30:00	13	9	13	44	11	1.972	138.95	6.573
12/30/2021	17:30:00 - 17:45:00	13	9	13	44	11	2.725	143.45	6.64
12/30/2021	17:45:00 - 18:00:00	13	9	13	45	11	2.539	141.85	6.755
12/30/2021	18:00:00 - 18:15:00	13	9	12	45	11	3.288	156.983	6.808
12/30/2021	18:15:00 - 18:30:00	13	9	12	45	11	3.117	139.3	6.897
12/30/2021	18:30:00 - 18:45:00	13	9	12	46	12	2.815	131.683	6.885
12/30/2021	18:45:00 - 19:00:00	13	10	12	46	12	2.334	97.8	6.8
12/30/2021	19:00:00 - 19:15:00	12	10	12	46	12	3.106	79.583	6.71
12/30/2021	19:15:00 - 19:30:00	12	10	12	47	12	2.14	107.483	6.518
12/30/2021	19:30:00 - 19:45:00	12	10	12	47	12	2.748	72.133	6.372
12/30/2021	19:45:00 - 20:00:00	12	10	12	47	12	3.053	58.1	6.07
12/30/2021	20:00:00 - 20:15:00	12	10	12	47	12	2.524	55.6	5.808
12/30/2021	20:15:00 - 20:30:00	12	10	12	48	12	3.247	66.45	5.582
12/30/2021	20:30:00 - 20:45:00	12	10	12	48	12	2.915	82.65	5.555
12/30/2021	20:45:00 - 21:00:00	12	10	12	49	12	2.051	92.067	5.583
12/30/2021	21:00:00 - 21:15:00	12	10	12	49	13	1.711	73.75	5.287
12/30/2021	21:15:00 - 21:30:00	12	10	12	50	13	1.514	99.367	5.135
12/30/2021	21:30:00 - 21:45:00	12	11	12	50	13	2.2	110.083	5.273
12/30/2021	21:45:00 - 22:00:00	12	11	12	51	13	1.667	92	5.3
12/30/2021	22:00:00 - 22:15:00	12	11	12	51	13	2.047	106.817	5.3
12/30/2021	22:15:00 - 22:30:00	12	11	12	52	13	2.565	109.633	5.353
12/30/2021	22:30:00 - 22:45:00	12	11	12	52	13	2.345	103.417	5.4
12/30/2021	22:45:00 - 23:00:00	12	11	12	53	14	2.092	80.317	5.417
12/30/2021	23:00:00 - 23:15:00	12	11	12	53	14	2.036	86.817	5.5
12/30/2021	23:15:00 - 23:30:00	13	11	12	54	14	2.229	78.567	5.5
12/30/2021	23:30:00 - 23:45:00	13	11	12	54	14	1.502	114	5.5
12/30/2021	23:45:00 - 00:00:00	13	11	12	54	14	1.271	95.733	5.527
12/31/2021	00:00:00 - 00:15:00	13	11	12	55	14	1.07	109.117	5.608
12/31/2021	00:15:00 - 00:30:00	13	11	12	55	14	1.383	130.817	5.7
12/31/2021	00:30:00 - 00:45:00	13	12	12	55	14	1.256	115.233	5.702
12/31/2021	00:45:00 - 01:00:00	13	12	12	56	14	1.215	121.483	5.7
12/31/2021	01:00:00 - 01:15:00	13	12	12	56	15	1.715	132.633	5.7
12/31/2021	01:15:00 - 01:30:00	13	12	12	57	15	1.264	128	5.7
12/31/2021	01:30:00 - 01:45:00	13	12	12	57	15	1.197	126.3	5.71
12/31/2021	01:45:00 - 02:00:00	13	12	12	57	15	1.532	125.133	5.85
12/31/2021	02:00:00 - 02:15:00	13	12	12	57	15	2.751	143.25	6.097
12/31/2021	02:15:00 - 02:30:00	13	12	12	57	15	2.811	146.483	6.233
12/31/2021	02:30:00 - 02:45:00	13	12	12	56	15	2.677	150.3	6.3
12/31/2021	02:45:00 - 03:00:00	13	12	12	56	14	2.49	142.433	6.32
12/31/2021	03:00:00 - 03:15:00	12	12	12	55	14	1.816	136.7	6.398
12/31/2021	03:15:00 - 03:30:00	12	11	12	55	14	1.488	131.45	6.4
12/31/2021	03:30:00 - 03:45:00	12	11	12	55	14	1.29	129.5	6.4
12/31/2021	03:45:00 - 04:00:00	12	11	12	54	14	1.868	125	6.428
12/31/2021	04:00:00 - 04:15:00	12	11	12	54	14	1.57	139.733	6.5
12/31/2021	04:15:00 - 04:30:00	12	11	12	54	14	1.927	145	6.497
12/31/2021	04:30:00 - 04:45:00	12	11	12	53	14	1.379	124.233	6.4
12/31/2021	04:45:00 - 05:00:00	12	11	12	53	14	0.988	87.367	6.4
12/31/2021	05:00:00 - 05:15:00	12	11	12	53	14	1.133	124.233	6.4
12/31/2021	05:15:00 - 05:30:00	12	11	12	53	14	1.54	130.35	6.338
12/31/2021	05:30:00 - 05:45:00	12	11	12	52	13	1.577	67.983	6.367
12/31/2021	05:45:00 - 06:00:00	12	11	12	52	13	1.566	66.2	6.303
12/31/2021	06:00:00 - 06:15:00	12	11	12	52	13	1.007	85.767	6.367
12/31/2021	06:15:00 - 06:30:00	12	11	12	51	13	1.212	98.567	6.4
12/31/2021	06:30:00 - 06:45:00	12	11	12	51	13	2.043	101.1	6.4
12/31/2021	06:45:00 - 07:00:00	12	11	12	51	13	1.76	95.3	6.397

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Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
12/31/2021	07:00:00 - 07:15:00	12	11	12	50	13	2.77	131.9	6.3
12/31/2021	07:15:00 - 07:30:00	11	10	12	50	13	2.539	109.933	6.3
12/31/2021	07:30:00 - 07:45:00	11	10	12	50	13	2.382	119.933	6.3
12/31/2021	07:45:00 - 08:00:00	11	10	12	49	13	4.179	108.183	6.3
12/31/2021	08:00:00 - 08:15:00	11	10	12	49	13	3.501	110.383	6.305
12/31/2021	08:15:00 - 08:30:00	11	10	12	49	12	3.657	127.233	6.343
12/31/2021	08:30:00 - 08:45:00	11	10	11	49	12	4.191	108.233	6.422
12/31/2021	08:45:00 - 09:00:00	11	10	11	48	12	4.31	112.967	6.502
12/31/2021	09:00:00 - 09:15:00	11	10	11	48	12	3.948	116.617	6.633
12/31/2021	09:15:00 - 09:30:00	11	10	11	48	12	4.47	134.117	6.703
12/31/2021	09:30:00 - 09:45:00	11	10	11	48	12	4.534	139.567	6.875
12/31/2021	09:45:00 - 10:00:00	11	10	11	48	12	3.147	133.733	7.175
12/31/2021	10:00:00 - 10:15:00	11	10	11	48	12	4.355	132.35	7.492
12/31/2021	10:15:00 - 10:30:00	11	10	11	48	12	4.362	133.667	7.84
12/31/2021	10:30:00 - 10:45:00	11	10	11	48	12	3.974	133.417	8.295
12/31/2021	10:45:00 - 11:00:00	11	10	11	48	12	5.38	139.417	8.7
12/31/2021	11:00:00 - 11:15:00	11	10	11	48	12	4.246	136.317	9.052
12/31/2021	11:15:00 - 11:30:00	11	10	11	47	12	5.421	140.433	9.263
12/31/2021	11:30:00 - 11:45:00	11	10	11	47	12	5.059	141.9	9.4
12/31/2021	11:45:00 - 12:00:00	11	10	11	47	12	5.372	137.6	9.325
12/31/2021	12:00:00 - 12:15:00	11	10	11	47	12	4.623	145	9.468
12/31/2021	12:15:00 - 12:30:00	11	10	11	47	12	5.242	142.333	9.6
12/31/2021	12:30:00 - 12:45:00	11	10	11	47	12	4.985	141	9.96
12/31/2021	12:45:00 - 13:00:00	11	10	11	47	12	4.873	147.95	10.195
12/31/2021	13:00:00 - 13:15:00	11	10	11	47	12	5.357	142.8	10.207
12/31/2021	13:15:00 - 13:30:00	11	10	11	47	12	4.914	142.717	10.265
12/31/2021	13:30:00 - 13:45:00	11	10	11	47	12	4.079	146.383	10.573
12/31/2021	13:45:00 - 14:00:00	11	10	11	47	12	3.959	146.167	10.697
12/31/2021	14:00:00 - 14:15:00	11	10	11	47	12	3.613	147.717	10.662
12/31/2021	14:15:00 - 14:30:00	11	10	11	47	12	3.337	147.95	10.697
12/31/2021	14:30:00 - 14:45:00	11	10	11	47	12	3.754	146.75	10.727
12/31/2021	14:45:00 - 15:00:00	11	10	11	47	12	2.55	152.583	10.805
12/31/2021	15:00:00 - 15:15:00	11	10	11	47	12	1.961	144.167	10.922
12/31/2021	15:15:00 - 15:30:00	11	10	11	47	12	2.032	146.667	11.03
12/31/2021	15:30:00 - 15:45:00	11	10	11	47	12	1.849	148.733	11.147
12/31/2021	15:45:00 - 16:00:00	11	10	11	47	12	1.491	144.267	11.255
12/31/2021	16:00:00 - 16:15:00	11	10	11	47	12	1.834	148	11.3
12/31/2021	16:15:00 - 16:30:00	11	10	11	47	12	1.488	145.533	11.342
12/31/2021	16:30:00 - 16:45:00	11	10	11	47	12	1.581	153.183	11.462
12/31/2021	16:45:00 - 17:00:00	11	10	11	47	12	1.517	153.933	11.507
12/31/2021	17:00:00 - 17:15:00	11	10	11	47	12	1.394	154.333	11.453
12/31/2021	17:15:00 - 17:30:00	11	10	11	48	12	1.745	159.283	11.205
12/31/2021	17:30:00 - 17:45:00	11	10	11	48	12	1.324	146.3	10.957
12/31/2021	17:45:00 - 18:00:00	11	10	11	48	12	1.529	148.05	10.837
12/31/2021	18:00:00 - 18:15:00	11	10	11	48	12	1.659	151.85	10.708
12/31/2021	18:15:00 - 18:30:00	11	10	11	48	12	1.353	153.1	10.672
12/31/2021	18:30:00 - 18:45:00	11	10	11	48	12	1.909	151.6	10.585
12/31/2021	18:45:00 - 19:00:00	11	10	11	48	12	2.789	154.817	10.715
12/31/2021	19:00:00 - 19:15:00	11	10	11	48	12	2.136	153.117	10.803
12/31/2021	19:15:00 - 19:30:00	11	10	11	48	12	2.666	145.95	11.135
12/31/2021	19:30:00 - 19:45:00	11	10	11	48	12	3.154	154.1	11.343
12/31/2021	19:45:00 - 20:00:00	11	10	11	48	12	3.057	139.183	11.773
12/31/2021	20:00:00 - 20:15:00	11	10	11	49	12	1.905	115.767	11.807
12/31/2021	20:15:00 - 20:30:00	11	10	11	49	12	2.118	128.683	11.698
12/31/2021	20:30:00 - 20:45:00	11	10	11	49	12	2.994	137.95	11.913

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Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
12/31/2021	20:45:00 - 21:00:00	11	10	11	49	12	1.875	113.95	11.725
12/31/2021	21:00:00 - 21:15:00	11	10	11	49	12	2.956	89.467	11.5
12/31/2021	21:15:00 - 21:30:00	11	10	11	49	12	2.718	98.883	11.265
12/31/2021	21:30:00 - 21:45:00	11	10	11	49	12	2.274	102.767	11.113
12/31/2021	21:45:00 - 22:00:00	11	10	11	49	12	1.301	110.783	10.743
12/31/2021	22:00:00 - 22:15:00	11	10	11	49	12	1.402	89.317	10.45
12/31/2021	22:15:00 - 22:30:00	11	10	11	49	12	1.521	58.05	10.31
12/31/2021	22:30:00 - 22:45:00	11	10	11	49	12	2.099	58.983	10.16
12/31/2021	22:45:00 - 23:00:00	11	10	11	49	12	6.103	22.683	8.592
12/31/2021	23:00:00 - 23:15:00	11	10	11	49	12	6.692	22.433	6.887
12/31/2021	23:15:00 - 23:30:00	11	10	11	49	12	6.655	28.867	6.35
12/31/2021	23:30:00 - 23:45:00	11	10	11	50	12	5.667	23.95	5.882
12/31/2021	23:45:00 - 00:00:00	11	10	11	50	12	4.325	32.389	5.541
1/1/2022	00:00:00 - 00:15:00	11	10	11	50	12	5.241	38.966	5.078
1/1/2022	00:15:00 - 00:30:00	11	10	11	50	12	6.345	37.133	4.648
1/1/2022	00:30:00 - 00:45:00	11	10	11	50	12	5.727	41.383	4.393
1/1/2022	00:45:00 - 01:00:00	11	10	11	50	12	5.443	41.083	4.243
1/1/2022	01:00:00 - 01:15:00	11	10	11	50	12	4.992	40.883	4.132
1/1/2022	01:15:00 - 01:30:00	11	10	11	50	12	4.064	34.617	4.085
1/1/2022	01:30:00 - 01:45:00	11	10	11	50	12	5.566	35.25	3.845
1/1/2022	01:45:00 - 02:00:00	11	10	11	50	12	6.424	45.067	3.613
1/1/2022	02:00:00 - 02:15:00	11	10	11	50	12	5.525	51.133	3.347
1/1/2022	02:15:00 - 02:30:00	11	10	11	50	12	5.126	48.333	3.405
1/1/2022	02:30:00 - 02:45:00	11	10	11	50	13	5.316	34.25	3.423
1/1/2022	02:45:00 - 03:00:00	11	10	11	50	13	6.01	37.5	3.287
1/1/2022	03:00:00 - 03:15:00	11	10	11	50	13	5.089	32.417	3.198
1/1/2022	03:15:00 - 03:30:00	11	10	11	50	13	5.35	29.814	3.142
1/1/2022	03:30:00 - 03:45:00	11	10	11	50	13	4.347	25.7	3.13
1/1/2022	03:45:00 - 04:00:00	11	10	11	50	13	4.742	25.7	3.183
1/1/2022	04:00:00 - 04:15:00	11	10	11	50	13	4.604	24.35	3.117
1/1/2022	04:15:00 - 04:30:00	11	10	11	51	13	4.671	25.133	3.2
1/1/2022	04:30:00 - 04:45:00	11	10	11	51	13	5.518	25.783	3.223
1/1/2022	04:45:00 - 05:00:00	11	10	11	51	13	4.109	23.95	3.293
1/1/2022	05:00:00 - 05:15:00	11	Offline	11	51	13	3.81	24.817	3.315
1/1/2022	05:15:00 - 05:30:00	11	Offline	11	52	13	3.848	21.683	3.397
1/1/2022	05:30:00 - 05:45:00	11	Offline	11	52	13	2.856	28.85	3.427
1/1/2022	05:45:00 - 06:00:00	11	Offline	11	52	13	3.818	27.75	3.5
1/1/2022	06:00:00 - 06:15:00	11	Offline	11	52	13	4.496	25.133	3.5
1/1/2022	06:15:00 - 06:30:00	11	Offline	11	52	13	4.194	26.217	3.538
1/1/2022	06:30:00 - 06:45:00	11	Offline	11	52	13	4.765	28.983	3.765
1/1/2022	06:45:00 - 07:00:00	11	Offline	11	52	13	5.6	29.483	3.718
1/1/2022	07:00:00 - 07:15:00	11	Offline	11	52	13	5.857	35.35	3.49
1/1/2022	07:15:00 - 07:30:00	11	Offline	11	52	13	5.387	34.083	3.43
1/1/2022	07:30:00 - 07:45:00	11	Offline	11	52	13	4.877	34.267	3.412
1/1/2022	07:45:00 - 08:00:00	11	Offline	11	53	13	5.6	28.433	3.42
1/1/2022	08:00:00 - 08:15:00	11	Offline	11	53	13	6.114	32.683	3.492
1/1/2022	08:15:00 - 08:30:00	11	Offline	11	53	13	6.163	40.633	3.488
1/1/2022	08:30:00 - 08:45:00	11	Offline	11	53	13	5.141	27.483	3.5
1/1/2022	08:45:00 - 09:00:00	11	Offline	11	53	13	8.31	47.75	3.488
1/1/2022	09:00:00 - 09:15:00	11	Offline	11	53	13	6.871	46.567	3.563
1/1/2022	09:15:00 - 09:30:00	11	Offline	11	53	13	5.447	40.9	3.56
1/1/2022	09:30:00 - 09:45:00	11	Offline	11	53	13	6.442	41.183	3.515
1/1/2022	09:45:00 - 10:00:00	11	Offline	11	53	13	5.622	27.9	3.552
1/1/2022	10:00:00 - 10:15:00	11	Offline	11	53	13	6.636	32.867	3.382
1/1/2022	10:15:00 - 10:30:00	11	Offline	11	53	13	5.033	26.2	3.313

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
1/1/2022	10:30:00 - 10:45:00	11	Offline	11	53	13	6.081	23.8	3.217
1/1/2022	10:45:00 - 11:00:00	11	Offline	11	53	13	7.501	35.733	3.1
1/1/2022	11:00:00 - 11:15:00	11	Offline	11	53	13	7.807	32.917	3.012
1/1/2022	11:15:00 - 11:30:00	11	Offline	11	53	13	6.741	30.383	2.897
1/1/2022	11:30:00 - 11:45:00	11	Offline	11	53	13	8.608	47.3	2.895
1/1/2022	11:45:00 - 12:00:00	11	Offline	11	53	13	7.975	40.017	2.955
1/1/2022	12:00:00 - 12:15:00	11	Offline	11	53	13	7.852	41.117	2.98
1/1/2022	12:15:00 - 12:30:00	11	Offline	11	53	13	8.284	42.1	3.055
1/1/2022	12:30:00 - 12:45:00	11	Offline	11	53	13	7.736	45.783	3
1/1/2022	12:45:00 - 13:00:00	11	Offline	11	53	13	9.261	54.917	2.905
1/1/2022	13:00:00 - 13:15:00	11	Offline	11	53	13	7.855	46	2.707
1/1/2022	13:15:00 - 13:30:00	11	Offline	11	52	13	9.019	44.6	2.66
1/1/2022	13:30:00 - 13:45:00	11	Offline	11	52	13	8.541	42.083	2.49
1/1/2022	13:45:00 - 14:00:00	11	Offline	11	52	13	7.613	36.883	2.382
1/1/2022	14:00:00 - 14:15:00	11	Offline	11	52	13	7.412	45.067	2.257
1/1/2022	14:15:00 - 14:30:00	11	Offline	11	52	13	9.164	42.883	2.145
1/1/2022	14:30:00 - 14:45:00	11	Offline	11	52	13	7.501	25.283	2.1
1/1/2022	14:45:00 - 15:00:00	11	Offline	11	52	13	7.497	29.733	1.962
1/1/2022	15:00:00 - 15:15:00	11	Offline	11	52	13	6.032	26.933	1.9
1/1/2022	15:15:00 - 15:30:00	11	Offline	11	51	13	7.192	33.817	1.827
1/1/2022	15:30:00 - 15:45:00	11	Offline	11	51	13	9.168	46.9	1.722
1/1/2022	15:45:00 - 16:00:00	11	Offline	11	51	13	9.779	54.083	1.7
1/1/2022	16:00:00 - 16:15:00	11	Offline	11	51	12	8.873	52.65	1.7
1/1/2022	16:15:00 - 16:30:00	11	Offline	10	51	12	8.381	53.6	1.67
1/1/2022	16:30:00 - 16:45:00	11	Offline	10	50	12	8.031	48.733	1.517
1/1/2022	16:45:00 - 17:00:00	11	Offline	10	50	12	5.917	39.383	1.408
1/1/2022	17:00:00 - 17:15:00	11	Offline	10	50	12	7.643	36.667	1.4
1/1/2022	17:15:00 - 17:30:00	10	Offline	10	50	12	6.804	30.4	1.308
1/1/2022	17:30:00 - 17:45:00	10	Offline	10	50	12	6.521	22.483	1.225
1/1/2022	17:45:00 - 18:00:00	10	Offline	10	49	12	6.271	19.367	1.02
1/1/2022	18:00:00 - 18:15:00	10	Offline	10	49	12	6.882	20.483	0.793
1/1/2022	18:15:00 - 18:30:00	10	Offline	10	49	12	6.67	18.25	0.375
1/1/2022	18:30:00 - 18:45:00	10	Offline	10	49	12	6.084	20.517	0.3
1/1/2022	18:45:00 - 19:00:00	10	Offline	10	49	12	5.018	22.983	0.363
1/1/2022	19:00:00 - 19:15:00	10	Offline	10	48	12	6.976	26.333	0.335
1/1/2022	19:15:00 - 19:30:00	10	Offline	10	48	12	6.084	32.3	0.295
1/1/2022	19:30:00 - 19:45:00	10	Offline	10	48	12	5.656	27.167	0.28
1/1/2022	19:45:00 - 20:00:00	10	Offline	10	48	12	7.333	24.75	0.2
1/1/2022	20:00:00 - 20:15:00	10	Offline	10	48	12	6.375	26.233	0.2
1/1/2022	20:15:00 - 20:30:00	10	Offline	10	48	12	7.762	28.167	0.142
1/1/2022	20:30:00 - 20:45:00	10	Offline	10	48	12	6.938	29.617	0.1
1/1/2022	20:45:00 - 21:00:00	10	Offline	10	47	12	6.961	32.15	0.087
1/1/2022	21:00:00 - 21:15:00	10	Offline	10	47	11	6.114	26.517	0.025
1/1/2022	21:15:00 - 21:30:00	10	Offline	10	47	11	6.2	27.917	0
1/1/2022	21:30:00 - 21:45:00	10	Offline	10	47	11	6.021	30.517	-0.04
1/1/2022	21:45:00 - 22:00:00	10	Offline	10	47	11	6.577	23.333	-0.097
1/1/2022	22:00:00 - 22:15:00	10	Offline	10	47	11	7.225	27.25	-0.282
1/1/2022	22:15:00 - 22:30:00	10	Offline	10	46	11	7.147	26.133	-0.392
1/1/2022	22:30:00 - 22:45:00	10	Offline	10	46	11	6.811	28.133	-0.515
1/1/2022	22:45:00 - 23:00:00	10	Offline	10	46	11	6.383	22.45	-0.612
1/1/2022	23:00:00 - 23:15:00	10	Offline	10	46	11	6.435	18.183	-0.747
1/1/2022	23:15:00 - 23:30:00	10	Offline	10	46	11	6.782	18.7	-0.935
1/1/2022	23:30:00 - 23:45:00	10	Offline	10	46	11	6.543	35.233	-1.192
1/1/2022	23:45:00 - 00:00:00	10	Offline	10	Offline	11	6.014	23.2	-1.338
1/2/2022	00:00:00 - 00:15:00	9	Offline	10	Offline	Offline	4.671	29	-1.452

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Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
1/2/2022	00:15:00 - 00:30:00	9	Offline	10	Offline	Offline	5.231	29.183	-1.64
1/2/2022	00:30:00 - 00:45:00	9	Offline	10	Offline	Offline	5.779	29.833	-1.628
1/2/2022	00:45:00 - 01:00:00	9	Offline	10	Offline	Offline	4.772	23.067	-1.6
1/2/2022	01:00:00 - 01:15:00	9	Offline	10	Offline	Offline	6.036	27.7	-1.635
1/2/2022	01:15:00 - 01:30:00	9	Offline	10	Offline	Offline	5.715	25.1	-1.728
1/2/2022	01:30:00 - 01:45:00	9	Offline	10	Offline	Offline	5.775	19.467	-2.087
1/2/2022	01:45:00 - 02:00:00	9	Offline	10	Offline	Offline	5.733	22.729	-2.819
1/2/2022	02:00:00 - 02:15:00	9	Offline	10	Offline	Offline	6.722	30.15	-3.477
1/2/2022	02:15:00 - 02:30:00	9	Offline	9	Offline	Offline	6.618	25.833	-3.705
1/2/2022	02:30:00 - 02:45:00	9	Offline	9	Offline	Offline	6.498	23.033	-3.63
1/2/2022	02:45:00 - 03:00:00	9	Offline	9	Offline	Offline	5.637	22.817	-3.485
1/2/2022	03:00:00 - 03:15:00	9	Offline	9	Offline	Offline	6.353	27.867	-3.362
1/2/2022	03:15:00 - 03:30:00	9	Offline	9	Offline	Offline	6.278	21.767	-3.517
1/2/2022	03:30:00 - 03:45:00	9	Offline	9	Offline	Offline	8.075	23.5	-3.763
1/2/2022	03:45:00 - 04:00:00	9	Offline	9	Offline	Offline	7.311	26.483	-4.058
1/2/2022	04:00:00 - 04:15:00	9	Offline	9	Offline	Offline	7.263	24.15	-4.565
1/2/2022	04:15:00 - 04:30:00	9	Offline	9	Offline	Offline	7.248	26.2	-4.933
1/2/2022	04:30:00 - 04:45:00	9	Offline	9	Offline	Offline	5.902	25.017	-5.072
1/2/2022	04:45:00 - 05:00:00	9	Offline	9	Offline	Offline	6.468	17.217	-5.34
1/2/2022	05:00:00 - 05:15:00	9	Offline	9	Offline	Offline	7.054	21.25	-5.448
1/2/2022	05:15:00 - 05:30:00	9	Offline	9	Offline	Offline	6.703	20.233	-5.505
1/2/2022	05:30:00 - 05:45:00	9	Offline	9	Offline	Offline	6.647	22.25	-5.502
1/2/2022	05:45:00 - 06:00:00	9	Offline	9	Offline	Offline	6.36	22.8	-5.437
1/2/2022	06:00:00 - 06:15:00	9	Offline	9	Offline	Offline	5.432	22.117	-5.293
1/2/2022	06:15:00 - 06:30:00	9	Offline	9	Offline	Offline	4.772	19.7	-5.077
1/2/2022	06:30:00 - 06:45:00	9	Offline	9	Offline	Offline	5.76	24.433	-5.058
1/2/2022	06:45:00 - 07:00:00	9	Offline	9	Offline	Offline	6.204	27.7	-5.085
1/2/2022	07:00:00 - 07:15:00	9	Offline	9	Offline	Offline	6.029	28.883	-5.192
1/2/2022	07:15:00 - 07:30:00	9	Offline	9	Offline	Offline	6.125	24.433	-5.185
1/2/2022	07:30:00 - 07:45:00	9	Offline	9	Offline	Offline	5.354	26.167	-5.05
1/2/2022	07:45:00 - 08:00:00	9	Offline	9	Offline	Offline	5.074	29.217	-5.01
1/2/2022	08:00:00 - 08:15:00	9	Offline	9	Offline	Offline	4.433	29.417	-5.103
1/2/2022	08:15:00 - 08:30:00	9	Offline	9	Offline	Offline	5.249	25.083	-5.31
1/2/2022	08:30:00 - 08:45:00	9	Offline	9	Offline	Offline	5.443	31.483	-5.47
1/2/2022	08:45:00 - 09:00:00	9	Offline	9	Offline	Offline	5.641	28.717	-5.655
1/2/2022	09:00:00 - 09:15:00	9	Offline	9	Offline	Offline	5.92	23.35	-5.885
1/2/2022	09:15:00 - 09:30:00	9	Offline	9	Offline	Offline	5.712	23.233	-6.143
1/2/2022	09:30:00 - 09:45:00	9	Offline	9	Offline	Offline	4.452	24.983	-5.947
1/2/2022	09:45:00 - 10:00:00	9	Offline	9	Offline	Offline	6.454	21.85	-5.987
1/2/2022	10:00:00 - 10:15:00	9	Offline	9	Offline	Offline	5.232	26.915	-5.931
1/2/2022	10:15:00 - 10:30:00	9	Offline	9	Offline	Offline	4.839	28.25	-5.873
1/2/2022	10:30:00 - 10:45:00	9	Offline	9	Offline	Offline	5.954	24.55	-5.792
1/2/2022	10:45:00 - 11:00:00	9	Offline	9	Offline	Offline	5.861	22.433	-5.772
1/2/2022	11:00:00 - 11:15:00	9	Offline	9	Offline	Offline	4.903	26.85	-5.717
1/2/2022	11:15:00 - 11:30:00	9	Offline	9	Offline	Offline	4.996	23.6	-5.647
1/2/2022	11:30:00 - 11:45:00	9	Offline	9	Offline	Offline	4.839	27.267	-5.582
1/2/2022	11:45:00 - 12:00:00	9	Offline	9	Offline	Offline	4.355	25.017	-5.505
1/2/2022	12:00:00 - 12:15:00	9	Offline	9	Offline	Offline	4.507	32.917	-5.518
1/2/2022	12:15:00 - 12:30:00	9	Offline	9	Offline	Offline	3.989	33.583	-5.442
1/2/2022	12:30:00 - 12:45:00	8	Offline	9	Offline	Offline	3.829	35.1	-5.39
1/2/2022	12:45:00 - 13:00:00	8	Offline	9	Offline	Offline	3.795	41.1	-5.208
1/2/2022	13:00:00 - 13:15:00	8	Offline	9	Offline	Offline	3.296	29.967	-5.103
1/2/2022	13:15:00 - 13:30:00	8	Offline	9	Offline	Offline	3.333	46.967	-4.988
1/2/2022	13:30:00 - 13:45:00	8	Offline	9	Offline	Offline	3.855	47.967	-4.962
1/2/2022	13:45:00 - 14:00:00	8	Offline	9	Offline	Offline	3.538	36	-4.817

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Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
1/2/2022	14:00:00 - 14:15:00	8	Offline	9	Offline	Offline	5.376	36.283	-4.74
1/2/2022	14:15:00 - 14:30:00	8	Offline	9	Offline	Offline	4.664	35.117	-4.622
1/2/2022	14:30:00 - 14:45:00	8	Offline	9	Offline	Offline	5.316	29.067	-4.477
1/2/2022	14:45:00 - 15:00:00	8	Offline	9	Offline	Offline	7.3	32.283	-4.617
1/2/2022	15:00:00 - 15:15:00	8	Offline	9	Offline	Offline	5.018	30.533	-4.492
1/2/2022	15:15:00 - 15:30:00	8	Offline	9	Offline	Offline	7.009	30.233	-4.723
1/2/2022	15:30:00 - 15:45:00	8	Offline	9	Offline	Offline	6.386	32.667	-4.953
1/2/2022	15:45:00 - 16:00:00	8	Offline	9	Offline	Offline	5.376	31.333	-5.177
1/2/2022	16:00:00 - 16:15:00	8	Offline	9	Offline	Offline	4.642	29.25	-5.265
1/2/2022	16:15:00 - 16:30:00	8	Offline	9	Offline	Offline	4.854	30.433	-5.352
1/2/2022	16:30:00 - 16:45:00	8	Offline	9	Offline	Offline	4.448	31.35	-5.41
1/2/2022	16:45:00 - 17:00:00	8	Offline	9	Offline	Offline	4.563	33.667	-5.388
1/2/2022	17:00:00 - 17:15:00	8	Offline	9	Offline	Offline	3.121	29.267	-5.24
1/2/2022	17:15:00 - 17:30:00	8	Offline	9	Offline	Offline	3.247	31.467	-5.178
1/2/2022	17:30:00 - 17:45:00	8	Offline	9	Offline	Offline	3.091	33.133	-5.227
1/2/2022	17:45:00 - 18:00:00	8	Offline	9	Offline	Offline	3.803	23.7	-5.237
1/2/2022	18:00:00 - 18:15:00	8	Offline	9	Offline	Offline	3.285	20.35	-5.295
1/2/2022	18:15:00 - 18:30:00	8	Offline	9	Offline	Offline	3.743	29.95	-5.33
1/2/2022	18:30:00 - 18:45:00	8	Offline	9	Offline	Offline	4.642	33.483	-5.47
1/2/2022	18:45:00 - 19:00:00	8	Offline	9	Offline	Offline	5.082	31.783	-5.903
1/2/2022	19:00:00 - 19:15:00	8	Offline	9	Offline	Offline	5.473	30.5	-6.26
1/2/2022	19:15:00 - 19:30:00	8	Offline	9	Offline	Offline	4.179	41.85	-6.485
1/2/2022	19:30:00 - 19:45:00	8	Offline	9	Offline	Offline	3.404	40.2	-6.595
1/2/2022	19:45:00 - 20:00:00	8	Offline	9	Offline	Offline	4.094	33.7	-6.755
1/2/2022	20:00:00 - 20:15:00	8	Offline	9	Offline	Offline	4.433	32.65	-6.83
1/2/2022	20:15:00 - 20:30:00	8	Offline	9	Offline	Offline	4.444	32.817	-6.898
1/2/2022	20:30:00 - 20:45:00	8	Offline	9	Offline	Offline	4.403	25.883	-6.938
1/2/2022	20:45:00 - 21:00:00	8	Offline	9	Offline	Offline	3.728	32.5	-6.92
1/2/2022	21:00:00 - 21:15:00	8	Offline	9	Offline	Offline	4.265	35.75	-6.885
1/2/2022	21:15:00 - 21:30:00	8	Offline	9	Offline	Offline	5.361	30.667	-6.885
1/2/2022	21:30:00 - 21:45:00	8	Offline	9	Offline	Offline	4.168	36.3	-6.872
1/2/2022	21:45:00 - 22:00:00	8	Offline	9	Offline	Offline	3.475	49.3	-6.9
1/2/2022	22:00:00 - 22:15:00	8	Offline	9	Offline	Offline	3.889	44.25	-7.047
1/2/2022	22:15:00 - 22:30:00	8	Offline	9	Offline	Offline	3.855	30.567	-7.248
1/2/2022	22:30:00 - 22:45:00	8	Offline	9	Offline	Offline	3.635	38.5	-7.348
1/2/2022	22:45:00 - 23:00:00	8	Offline	9	Offline	Offline	3.896	28.617	-7.477
1/2/2022	23:00:00 - 23:15:00	8	Offline	9	Offline	Offline	3.564	36.067	-7.633
1/2/2022	23:15:00 - 23:30:00	8	Offline	9	Offline	Offline	3.859	43.25	-7.867
1/2/2022	23:30:00 - 23:45:00	8	Offline	9	Offline	Offline	3.676	46.417	-7.975
1/2/2022	23:45:00 - 00:00:00	8	Offline	9	Offline	Offline	3.299	64.067	-8.008
1/3/2022	00:00:00 - 00:15:00	8	Offline	9	Offline	Offline	2.938	39.233	-8.01
1/3/2022	00:15:00 - 00:30:00	8	Offline	9	Offline	Offline	3.162	47.717	-7.982
1/3/2022	00:30:00 - 00:45:00	8	Offline	9	Offline	Offline	4.198	48.217	-8.13
1/3/2022	00:45:00 - 01:00:00	8	Offline	9	Offline	Offline	4.228	61.917	-8.317
1/3/2022	01:00:00 - 01:15:00	8	Offline	9	Offline	Offline	4.548	51.733	-8.445
1/3/2022	01:15:00 - 01:30:00	8	Offline	9	Offline	Offline	3.967	44.05	-8.642
1/3/2022	01:30:00 - 01:45:00	8	Offline	9	Offline	Offline	4.563	43.8	-8.8
1/3/2022	01:45:00 - 02:00:00	8	Offline	9	Offline	Offline	3.795	47.883	-8.768
1/3/2022	02:00:00 - 02:15:00	8	Offline	9	Offline	Offline	3.467	67.1	-8.912
1/3/2022	02:15:00 - 02:30:00	8	Offline	9	Offline	Offline	3.93	51	-8.987
1/3/2022	02:30:00 - 02:45:00	8	Offline	9	Offline	Offline	4.064	54.267	-9.135
1/3/2022	02:45:00 - 03:00:00	8	Offline	9	Offline	Offline	3.672	43.55	-9.36
1/3/2022	03:00:00 - 03:15:00	8	Offline	9	Offline	Offline	3.889	47.9	-9.748
1/3/2022	03:15:00 - 03:30:00	8	Offline	9	Offline	Offline	3.903	60	-10.247
1/3/2022	03:30:00 - 03:45:00	8	Offline	9	Offline	Offline	3.68	69.5	-10.55

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

Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
1/3/2022	03:45:00 - 04:00:00	8	Offline	9	Offline	Offline	3.43	71.883	-10.94
1/3/2022	04:00:00 - 04:15:00	8	Offline	9	Offline	Offline	3.661	45.55	-11.168
1/3/2022	04:15:00 - 04:30:00	8	Offline	9	Offline	Offline	3.21	66.117	-11.295
1/3/2022	04:30:00 - 04:45:00	8	Offline	9	Offline	Offline	3.285	69.783	-11.53
1/3/2022	04:45:00 - 05:00:00	8	Offline	9	Offline	Offline	3.631	78.35	-11.653
1/3/2022	05:00:00 - 05:15:00	8	Offline	9	Offline	Offline	2.878	79	-11.673
1/3/2022	05:15:00 - 05:30:00	8	Offline	9	Offline	Offline	2.401	91.283	-11.738
1/3/2022	05:30:00 - 05:45:00	8	Offline	9	Offline	Offline	3.027	89.133	-11.875
1/3/2022	05:45:00 - 06:00:00	8	Offline	9	Offline	Offline	3.199	97.3	-12.047
1/3/2022	06:00:00 - 06:15:00	8	Offline	9	Offline	Offline	3.396	77.533	-12.193
1/3/2022	06:15:00 - 06:30:00	8	Offline	9	Offline	Offline	2.423	95.15	-12.19
1/3/2022	06:30:00 - 06:45:00	8	Offline	9	Offline	Offline	3.464	76.4	-12.207
1/3/2022	06:45:00 - 07:00:00	8	Offline	9	Offline	Offline	1.924	92.7	-12.23
1/3/2022	07:00:00 - 07:15:00	8	Offline	9	Offline	Offline	2.114	106.017	-12.2
1/3/2022	07:15:00 - 07:30:00	8	Offline	9	Offline	Offline	2.207	107.383	-12.282
1/3/2022	07:30:00 - 07:45:00	9	Offline	9	Offline	Offline	1.976	126.733	-12.162
1/3/2022	07:45:00 - 08:00:00	9	Offline	9	Offline	Offline	2.17	116.283	-11.918
1/3/2022	08:00:00 - 08:15:00	9	18	9	Offline	Offline	2.349	111.033	-11.517
1/3/2022	08:15:00 - 08:30:00	9	19	9	135	Offline	2.498	125.5	-11.06
1/3/2022	08:30:00 - 08:45:00	9	19	9	132	28	2.942	135.3	-10.668
1/3/2022	08:45:00 - 09:00:00	9	18	9	109	24	2.833	128.933	-10.08
1/3/2022	09:00:00 - 09:15:00	9	17	9	93	21	2.289	139.95	-9.167
1/3/2022	09:15:00 - 09:30:00	9	16	9	83	19	3.176	140.283	-8.635
1/3/2022	09:30:00 - 09:45:00	9	15	9	76	17	3.475	154.8	-8.38
1/3/2022	09:45:00 - 10:00:00	9	15	9	71	16	3.124	145.433	-7.988
1/3/2022	10:00:00 - 10:15:00	9	14	9	67	16	3.061	136.083	-7.617
1/3/2022	10:15:00 - 10:30:00	9	14	9	63	15	3.098	137.517	-7.515
1/3/2022	10:30:00 - 10:45:00	9	13	9	60	14	2.953	146.617	-6.995
1/3/2022	10:45:00 - 11:00:00	9	13	9	57	14	3.307	129.567	-7.013
1/3/2022	11:00:00 - 11:15:00	9	12	9	54	13	3.471	147.583	-6.59
1/3/2022	11:15:00 - 11:30:00	9	12	9	52	12	3.695	150.533	-6.328
1/3/2022	11:30:00 - 11:45:00	9	9	9	49	12	3.598	127.783	-6.015
1/3/2022	11:45:00 - 12:00:00	9	5	9	47	11	3.415	131.633	-5.535
1/3/2022	12:00:00 - 12:15:00	9	5	9	45	11	3.635	109.217	-4.985
1/3/2022	12:15:00 - 12:30:00	9	5	9	43	10	3.68	134.383	-4.342
1/3/2022	12:30:00 - 12:45:00	9	5	9	42	10	3.59	123.317	-4.045
1/3/2022	12:45:00 - 13:00:00	9	5	9	41	10	3.549	141.817	-3.778
1/3/2022	13:00:00 - 13:15:00	9	5	9	40	10	3.859	140.617	-3.103
1/3/2022	13:15:00 - 13:30:00	9	5	9	38	9	4.466	133.467	-3.302
1/3/2022	13:30:00 - 13:45:00	9	5	9	38	9	4.515	139.283	-2.95
1/3/2022	13:45:00 - 14:00:00	3	5	6	36	9	4.903	145.9	-2.902
1/3/2022	14:00:00 - 14:15:00	2	5	3	35	8	4.198	142	-2.625
1/3/2022	14:15:00 - 14:30:00	2	4	3	21	2	4.772	149.183	-2.41
1/3/2022	14:30:00 - 14:45:00	1	3	3	9	2	4.657	144.483	-2.232
1/3/2022	14:45:00 - 15:00:00	1	3	3	9	2	4.519	138.7	-2.21
1/3/2022	15:00:00 - 15:15:00	1	3	2	9	2	4.023	148.15	-2.105
1/3/2022	15:15:00 - 15:30:00	1	3	2	9	2	4.269	145.333	-2.372
1/3/2022	15:30:00 - 15:45:00	1	3	2	9	2	4.384	150.433	-2.752
1/3/2022	15:45:00 - 16:00:00	1	3	2	9	2	3.848	141.5	-2.917
1/3/2022	16:00:00 - 16:15:00	1	3	2	9	2	4.205	133.9	-3.113
1/3/2022	16:15:00 - 16:30:00	1	3	2	10	2	4.03	146.467	-3.217
1/3/2022	16:30:00 - 16:45:00	1	3	3	10	2	3.389	142.667	-3.35
1/3/2022	16:45:00 - 17:00:00	1	3	3	10	2	3.027	155.283	-3.498
1/3/2022	17:00:00 - 17:15:00	2	3	3	11	2	3.232	152.6	-3.6
1/3/2022	17:15:00 - 17:30:00	2	3	3	11	2	3.62	154.95	-3.6

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Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celsius]
1/3/2022	17:30:00 - 17:45:00	2	3	3	11	3	4.026	151.917	-3.637
1/3/2022	17:45:00 - 18:00:00	2	3	3	12	3	2.625	145.167	-3.7
1/3/2022	18:00:00 - 18:15:00	2	4	3	12	3	3.203	148.683	-3.8
1/3/2022	18:15:00 - 18:30:00	2	4	3	12	3	2.662	156.95	-3.895
1/3/2022	18:30:00 - 18:45:00	2	4	3	13	3	4.135	150.633	-3.8
1/3/2022	18:45:00 - 19:00:00	2	4	3	13	3	4.548	153.483	-3.703
1/3/2022	19:00:00 - 19:15:00	2	4	3	13	3	3.84	153.167	-3.785
1/3/2022	19:15:00 - 19:30:00	2	4	3	13	3	3.631	151.65	-3.8
1/3/2022	19:30:00 - 19:45:00	2	4	3	14	3	4.809	151.517	-3.767
1/3/2022	19:45:00 - 20:00:00	2	4	3	14	3	4.795	154.017	-3.652
1/3/2022	20:00:00 - 20:15:00	3	4	4	14	3	4.328	151.45	-3.768
1/3/2022	20:15:00 - 20:30:00	3	4	4	14	3	4.019	160.733	-3.8
1/3/2022	20:30:00 - 20:45:00	3	4	4	14	3	3.997	151.133	-3.8
1/3/2022	20:45:00 - 21:00:00	3	4	4	14	3	4.813	157.667	-3.732
1/3/2022	21:00:00 - 21:15:00	3	4	4	14	3	4.5	155.033	-3.8
1/3/2022	21:15:00 - 21:30:00	3	4	4	15	3	4.791	153.767	-3.8
1/3/2022	21:30:00 - 21:45:00	3	4	4	15	4	4.414	155.05	-3.802
1/3/2022	21:45:00 - 22:00:00	3	4	4	15	4	3.855	157.067	-3.875
1/3/2022	22:00:00 - 22:15:00	3	4	4	15	4	4.571	153.617	-3.9
1/3/2022	22:15:00 - 22:30:00	3	4	4	15	4	5.279	153.4	-3.903
1/3/2022	22:30:00 - 22:45:00	3	4	4	15	4	5.093	153.85	-3.902
1/3/2022	22:45:00 - 23:00:00	3	4	4	16	4	5.041	154.117	-3.997
1/3/2022	23:00:00 - 23:15:00	3	4	4	16	4	4.638	158.917	-4.095
1/3/2022	23:15:00 - 23:30:00	3	4	4	16	4	3.299	160.9	-4.237
1/3/2022	23:30:00 - 23:45:00	3	4	4	16	4	3.009	164.467	-4.537
1/3/2022	23:45:00 - 00:00:00	3	4	4	17	4	2.647	162.683	-4.703
1/4/2022	00:00:00 - 00:15:00	3	4	4	17	4	2.222	159.85	-4.822
1/4/2022	00:15:00 - 00:30:00	3	5	4	18	4	2.106	161.283	-4.968
1/4/2022	00:30:00 - 00:45:00	3	5	4	18	4	2.185	161.017	-5
1/4/2022	00:45:00 - 01:00:00	4	5	4	18	4	2.453	156.783	-5.02
1/4/2022	01:00:00 - 01:15:00	4	5	4	19	5	2.028	157.5	-5.15
1/4/2022	01:15:00 - 01:30:00	4	5	5	19	5	2.047	159.133	-5.308
1/4/2022	01:30:00 - 01:45:00	4	5	5	20	5	2.118	157.167	-5.402
1/4/2022	01:45:00 - 02:00:00	4	5	5	20	5	2.561	164.033	-5.38
1/4/2022	02:00:00 - 02:15:00	4	5	5	21	5	2.606	161.6	-5.368
1/4/2022	02:15:00 - 02:30:00	4	5	5	21	5	2.927	158.75	-5.302
1/4/2022	02:30:00 - 02:45:00	4	5	5	21	5	2.427	156	-5.323
1/4/2022	02:45:00 - 03:00:00	4	5	5	22	5	3.016	157.367	-5.3
1/4/2022	03:00:00 - 03:15:00	4	5	5	22	5	3.068	158.517	-5.362
1/4/2022	03:15:00 - 03:30:00	5	5	5	23	5	2.934	157.95	-5.3
1/4/2022	03:30:00 - 03:45:00	5	6	5	23	6	2.93	159.233	-5.298
1/4/2022	03:45:00 - 04:00:00	5	6	5	24	6	3.206	158.417	-5.3
1/4/2022	04:00:00 - 04:15:00	5	6	6	24	6	3.053	157.117	-5.357
1/4/2022	04:15:00 - 04:30:00	5	6	6	24	6	3.303	156.683	-5.305
1/4/2022	04:30:00 - 04:45:00	5	6	6	25	6	3.273	153.417	-5.317
1/4/2022	04:45:00 - 05:00:00	5	6	6	25	6	3.221	159.65	-5.3
1/4/2022	05:00:00 - 05:15:00	5	6	6	26	6	3.337	153.65	-5.348
1/4/2022	05:15:00 - 05:30:00	5	6	6	26	6	2.688	159.417	-5.433
1/4/2022	05:30:00 - 05:45:00	5	6	6	26	6	2.919	157.7	-5.44
1/4/2022	05:45:00 - 06:00:00	5	6	6	27	6	3.322	153.633	-5.4
1/4/2022	06:00:00 - 06:15:00	6	6	6	27	6	3.467	156.983	-5.4
1/4/2022	06:15:00 - 06:30:00	6	6	6	27	7	3.176	157.583	-5.412
1/4/2022	06:30:00 - 06:45:00	6	6	6	28	7	2.397	152.75	-5.553
1/4/2022	06:45:00 - 07:00:00	6	7	6	28	7	2.282	153.2	-5.5
1/4/2022	07:00:00 - 07:15:00	6	7	6	29	7	2.923	159.5	-5.43

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Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Average Concentration [µg/m ³]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celcius]
1/4/2022	07:15:00 - 07:30:00	6	7	6	29	7	3.411	156.983	-5.258
1/4/2022	07:30:00 - 07:45:00	6	7	7	30	7	3.229	156.167	-5.045
1/4/2022	07:45:00 - 08:00:00	6	7	7	30	7	3.568	157.133	-4.777
1/4/2022	08:00:00 - 08:15:00	6	7	7	31	7	3.616	160.7	-4.523
1/4/2022	08:15:00 - 08:30:00	6	7	7	31	7	3.896	163.1	-4.367
1/4/2022	08:30:00 - 08:45:00	6	7	7	32	7	3.963	152.75	-4.075
1/4/2022	08:45:00 - 09:00:00	7	7	7	32	7	3.915	155.45	-3.517
1/4/2022	09:00:00 - 09:15:00	7	7	7	32	8	4.824	157.333	-3.09
1/4/2022	09:15:00 - 09:30:00	7	7	7	32	8	4.075	153.017	-2.447
1/4/2022	09:30:00 - 09:45:00	7	7	7	33	8	4.776	157.133	-1.987
1/4/2022	09:45:00 - 10:00:00	7	7	7	33	8	4.403	150.533	-1.43
1/4/2022	10:00:00 - 10:15:00	7	9	7	33	8	4.526	151.217	-1.102
1/4/2022	10:15:00 - 10:30:00	7	11	9	33	8	3.877	149.467	-0.637
1/4/2022	10:30:00 - 10:45:00	7	9	9	33	9	4.269	147.483	-0.263
1/4/2022	10:45:00 - 11:00:00	7	9	9	33	9	4.593	148.75	-0.238
1/4/2022	11:00:00 - 11:15:00	7	8	9	33	9	4.202	140.483	-0.022
1/4/2022	11:15:00 - 11:30:00	7	8	9	33	8	5.48	152.333	0.007
1/4/2022	11:30:00 - 11:45:00	7	8	9	33	8	4.787	147.467	0.255
1/4/2022	11:45:00 - 12:00:00	7	8	9	33	8	4.187	143.583	0.693
1/4/2022	12:00:00 - 12:15:00	7	8	9	33	8	3.937	147.1	0.818
1/4/2022	12:15:00 - 12:30:00	7	8	9	33	8	5.261	146.017	0.85
1/4/2022	12:30:00 - 12:45:00	7	8	9	33	9	4.671	145.1	0.907
1/4/2022	12:45:00 - 13:00:00	7	8	9	33	9	5.108	147.85	0.588
1/4/2022	13:00:00 - 13:15:00	7	8	9	34	9	4.261	143.017	0.518
1/4/2022	13:15:00 - 13:30:00	7	8	9	34	9	4.519	140.633	0.58
1/4/2022	13:30:00 - 13:45:00	7	8	9	34	9	5.287	141.233	0.563
1/4/2022	13:45:00 - 14:00:00	7	8	9	34	9	5.059	138	0.608
1/4/2022	14:00:00 - 14:15:00	7	8	9	34	9	4.772	150.25	0.585
1/4/2022	14:15:00 - 14:30:00	7	8	9	34	8	4.493	137.217	0.592
1/4/2022	14:30:00 - 14:45:00	7	8	9	34	8	4.243	141.217	0.31
1/4/2022	14:45:00 - 15:00:00	7	8	9	34	8	4.649	147.25	0.267
1/4/2022	15:00:00 - 15:15:00	7	8	9	34	8	3.818	148.2	0.278
1/4/2022	15:15:00 - 15:30:00	7	8	9	33	8	4.228	149.433	0.048
1/4/2022	15:30:00 - 15:45:00	7	8	8	33	8	4.724	145.867	-0.175
1/4/2022	15:45:00 - 16:00:00	7	7	8	33	8	5.007	149.3	-0.157
1/4/2022	16:00:00 - 16:15:00	7	7	8	33	8	4.705	147.367	-0.248
1/4/2022	16:15:00 - 16:30:00	7	7	8	33	8	3.937	144.133	-0.3
1/4/2022	16:30:00 - 16:45:00	7	7	8	33	8	5.096	149.85	-0.29
1/4/2022	16:45:00 - 17:00:00	7	7	8	33	8	4.992	142.083	-0.222
1/4/2022	17:00:00 - 17:15:00	7	7	8	33	8	4.452	147.283	-0.07
1/4/2022	17:15:00 - 17:30:00	7	7	8	33	8	4.686	142.283	0.1
1/4/2022	17:30:00 - 17:45:00	7	7	8	33	8	5.156	145.467	0.28
1/4/2022	17:45:00 - 18:00:00	7	7	8	33	8	4.507	145.8	0.5
1/4/2022	18:00:00 - 18:15:00	7	7	8	33	8	4.869	146.583	0.682
1/4/2022	18:15:00 - 18:30:00	7	7	8	33	8	5.287	149.5	0.762
1/4/2022	18:30:00 - 18:45:00	7	7	8	33	8	4.504	144.567	0.702
1/4/2022	18:45:00 - 19:00:00	7	7	8	33	8	5.111	142.5	0.808
1/4/2022	19:00:00 - 19:15:00	7	7	8	33	7	5.268	139.1	0.992
1/4/2022	19:15:00 - 19:30:00	7	7	8	32	7	6.125	143.317	1.155
1/4/2022	19:30:00 - 19:45:00	7	7	8	32	7	6.401	149.3	1.302
1/4/2022	19:45:00 - 20:00:00	6	7	8	32	7	7.796	146.133	1.46
1/4/2022	20:00:00 - 20:15:00	6	7	8	32	7	6.271	148.217	1.422
1/4/2022	20:15:00 - 20:30:00	6	7	7	32	7	6.58	148.117	1.312
1/4/2022	20:30:00 - 20:45:00	6	7	7	32	7	7.102	149.867	1.25
1/4/2022	20:45:00 - 21:00:00	6	7	7	32	7	6.137	146.7	1.187

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Appendix A: Complete Preliminary Data Record

Date	Timestamp	SAM 1	SAM 2	SAM 3	SAM 4	SAM 5	Met Station		
		Average Concentration [$\mu\text{g}/\text{m}^3$]	Average Concentration [$\mu\text{g}/\text{m}^3$]	Average Concentration [$\mu\text{g}/\text{m}^3$]	Average Concentration [$\mu\text{g}/\text{m}^3$]	Average Concentration [$\mu\text{g}/\text{m}^3$]	Wind Speed [mps]	Wind Direction [degrees]	Temperature [°celcius]
1/4/2022	21:00:00 - 21:15:00	6	7	7	32	7	6.42	143.933	1.125
1/4/2022	21:15:00 - 21:30:00	6	6	7	32	7	7.08	145.783	1.102
1/4/2022	21:30:00 - 21:45:00	6	6	7	31	7	6.767	140.867	1.213
1/4/2022	21:45:00 - 22:00:00	6	6	7	31	7	7.285	146.867	1.31
1/4/2022	22:00:00 - 22:15:00	6	6	7	31	7	7.49	145.733	1.46
1/4/2022	22:15:00 - 22:30:00	6	6	7	31	6	8.325	151	1.535
1/4/2022	22:30:00 - 22:45:00	6	6	7	31	6	6.968	146.15	1.5
1/4/2022	22:45:00 - 23:00:00	6	6	7	31	6	7.766	150.233	1.453
1/4/2022	23:00:00 - 23:15:00	6	6	7	31	6	7.945	147.5	1.43
1/4/2022	23:15:00 - 23:30:00	6	6	7	31	6	8.392	145.283	1.252
1/4/2022	23:30:00 - 23:45:00	6	6	7	30	6	8.176	144.033	1.088
1/4/2022	23:45:00 - 00:00:00	6	6	7	30	6	7.356	142.033	0.947

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

Appendix A: Complete Preliminary Data Record

12/29/2021																			
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7		Reading 8		Reading 9		
	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	
SAM-1	8:07	0.0	9:07	0.0	10:07	0.0	11:23	0.0	12:08	0.0	13:08	0.0	14:08	0.0	15:08	0.0	16:08	0.0	
SAM-2	8:09	0.0	9:09	0.0	10:09	0.0	11:13	0.0	12:05	0.0	13:05	0.0	14:05	0.0	15:05	0.0	16:05	0.0	
SAM-3	8:13	0.0	9:13	0.0	10:13	0.0	11:26	0.0	12:14	0.0	13:14	0.0	14:14	0.0	15:14	0.0	16:14	0.0	
SAM-4	8:15	0.0	9:15	0.0	10:15	0.0	11:30	0.0	12:19	0.0	13:19	0.0	14:19	0.0	15:19	0.0	16:19	0.0	
IMPL-A	8:00	0.0	9:00	0.0	10:00	0.0	11:15	0.0	12:00	0.0	13:00	0.0	14:00	0.0	15:00	0.0	16:00	0.0	
IMPL-B	8:01	0.0	9:01	0.0	10:01	0.0	11:16	0.0	12:01	0.0	13:01	0.0	14:01	0.0	15:01	0.0	16:01	0.0	
IMPL-C	8:03	0.0	9:03	0.0	10:03	0.0	11:17	0.0	12:02	0.0	13:02	0.0	14:02	0.0	15:02	0.0	16:02	0.0	
IMPL-D	8:04	0.0	9:04	0.0	10:04	0.0	11:18	0.0	12:03	0.0	13:03	0.0	14:03	0.0	15:03	0.0	16:03	0.0	
IMPL-E	8:05	0.0	9:05	0.0	10:05	0.0	11:19	0.0	12:06	0.0	13:06	0.0	14:06	0.0	15:06	0.0	16:06	0.0	
IMPL-F	8:06	0.0	9:06	0.0	10:06	0.0	11:20	0.0	12:07	0.0	13:07	0.0	14:07	0.0	15:07	0.0	16:07	0.0	
IMPL-G	8:08	0.0	9:08	0.0	10:08	0.0	11:25	0.0	12:09	0.0	13:09	0.0	14:09	0.0	15:09	0.0	16:09	0.0	
IMPL-H	8:10	0.0	9:10	0.0	10:10	0.0	11:27	0.0	12:11	0.0	13:11	0.0	14:11	0.0	15:11	0.0	16:11	0.0	
IMPL-I	8:12	0.0	9:12	0.0	10:12	0.0	11:28	0.0	12:15	0.0	13:15	0.0	14:15	0.0	15:15	0.0	16:15	0.0	
IMPL-J	8:14	0.0	9:14	0.0	10:14	0.0	11:29	0.0	12:17	0.0	13:17	0.0	14:17	0.0	15:17	0.0	16:17	0.0	
IMPL-K	8:16	0.0	9:16	0.0	10:16	0.0	11:31	0.0	12:21	0.0	13:21	0.0	14:21	0.0	15:21	0.0	16:21	0.0	
IMPL-L	8:17	0.0	9:17	0.0	10:17	0.0	11:35	0.0	12:25	0.0	13:25	0.0	14:25	0.0	15:25	0.0	16:25	0.0	

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.

12/30/2021																			
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7		Reading 8		Reading 9		
	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	
SAM-1	8:18	0.0	9:07	0.0	10:07	0.0	11:07	0.0	12:07	0.0	13:07	0.0	14:07	0.0	15:07	0.0	16:07	0.0	
SAM-2	8:11	0.0	9:04	0.0	10:04	0.0	11:04	0.0	12:04	0.0	13:04	0.0	14:04	0.0	15:04	0.0	16:04	0.0	
SAM-3	8:21	0.0	9:13	0.0	10:13	0.0	11:13	0.0	12:13	0.0	13:13	0.0	14:13	0.0	15:13	0.0	16:13	0.0	
SAM-4	8:30	0.0	9:18	0.0	10:18	0.0	11:18	0.0	12:18	0.0	13:18	0.0	14:18	0.0	15:18	0.0	16:18	0.0	
IMPL-A	8:07	0.0	9:00	0.0	10:00	0.0	11:00	0.0	12:00	0.0	13:00	0.0	14:00	0.0	15:00	0.0	16:00	0.0	
IMPL-B	8:08	0.0	9:01	0.0	10:01	0.0	11:01	0.0	12:01	0.0	13:01	0.0	14:01	0.0	15:01	0.0	16:01	0.0	
IMPL-C	8:09	0.0	9:02	0.0	10:02	0.0	11:02	0.0	12:02	0.0	13:02	0.0	14:02	0.0	15:02	0.0	16:02	0.0	
IMPL-D	8:10	0.0	9:03	0.0	10:03	0.0	11:03	0.0	12:03	0.0	13:03	0.0	14:03	0.0	15:03	0.0	16:03	0.0	
IMPL-E	8:12	0.0	9:06	0.0	10:06	0.0	11:06	0.0	12:06	0.0	13:06	0.0	14:06	0.0	15:06	0.0	16:06	0.0	
IMPL-F	8:13	0.0	9:09	0.0	10:09	0.0	11:09	0.0	12:09	0.0	13:09	0.0	14:09	0.0	15:09	0.0	16:09	0.0	
IMPL-G	8:14	0.0	9:10	0.0	10:10	0.0	11:10	0.0	12:10	0.0	13:10	0.0	14:10	0.0	15:10	0.0	16:10	0.0	
IMPL-H	8:19	0.0	9:11	0.0	10:11	0.0	11:11	0.0	12:11	0.0	13:11	0.0	14:11	0.0	15:11	0.0	16:11	0.0	
IMPL-I	8:20	0.0	9:14	0.0	10:14	0.0	11:14	0.0	12:14	0.0	13:14	0.0	14:14	0.0	15:14	0.0	16:14	0.0	
IMPL-J	8:23	0.0	9:16	0.0	10:16	0.0	11:16	0.0	12:16	0.0	13:16	0.0	14:16	0.0	15:16	0.0	16:16	0.0	
IMPL-K	8:35	0.0	9:19	0.0	10:19	0.0	11:19	0.0	12:19	0.0	13:19	0.0	14:19	0.0	15:19	0.0	16:19	0.0	
IMPL-L	8:40	0.0	9:23	0.0	10:23	0.0	11:20	0.0	12:20	0.0	13:20	0.0	14:20	0.0	15:20	0.0	16:20	0.0	

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.

Appendix A: Complete Preliminary Data Record

1/3/2022														
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7	
	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)
SAM-1	7:00	0.0	8:01	0.0	9:01	0.0	11:11	0.0	11:45	0.0	15:03	0.0	16:03	0.0
SAM-2	7:10	0.0	8:10	0.0	9:10	0.0	11:19	0.0	11:49	0.0	15:06	0.0	16:06	0.0
SAM-3	7:02	0.0	8:03	0.0	9:03	0.0	11:13	0.0	11:43	0.0	15:05	0.0	16:05	0.0
SAM-4	7:07	0.0	8:06	0.0	9:06	0.0	11:16	0.0	11:46	0.0	15:10	0.0	16:10	0.0
IMPL-A	7:11	0.0	8:11	0.0	9:11	0.0	11:21	0.0	11:51	0.0	15:11	0.0	16:11	0.0
IMPL-B	7:12	0.0	8:12	0.0	9:12	0.0	11:22	0.0	11:52	0.0	15:12	0.0	16:12	0.0
IMPL-C	7:14	0.0	8:13	0.0	9:13	0.0	11:24	0.0	11:54	0.0	15:14	0.0	16:14	0.0
IMPL-D	7:15	0.0	8:15	0.0	9:15	0.0	11:25	0.0	11:55	0.0	15:15	0.0	16:15	0.0
IMPL-E	7:16	0.0	8:16	0.0	9:16	0.0	11:26	0.0	11:56	0.0	15:16	0.0	16:16	0.0
IMPL-F	7:18	0.0	8:17	0.0	9:17	0.0	11:28	0.0	11:58	0.0	15:18	0.0	16:18	0.0
IMPL-G	7:19	0.0	8:18	0.0	9:18	0.0	11:29	0.0	11:59	0.0	15:19	0.0	16:19	0.0
IMPL-H	7:20	0.0	8:20	0.0	9:20	0.0	11:30	0.0	12:00	0.0	15:20	0.0	16:20	0.0
IMPL-I	7:22	0.0	8:21	0.0	9:21	0.0	11:31	0.0	12:01	0.0	15:22	0.0	16:22	0.0
IMPL-J	7:23	0.0	8:23	0.0	9:23	0.0	11:32	0.0	12:02	0.0	15:23	0.0	16:23	0.0
IMPL-K	7:24	0.0	8:24	0.0	9:24	0.0	11:34	0.0	12:04	0.0	15:24	0.0	16:24	0.0
IMPL-L	7:25	0.0	8:25	0.0	9:25	0.0	11:35	0.0	12:05	0.0	15:25	0.0	16:25	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.

1/4/2022																
Site Name	Reading 1		Reading 2		Reading 3		Reading 4		Reading 5		Reading 6		Reading 7		Reading 8	
	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)	Time (CST)	VOC Concentration (ppm)
SAM-1	7:01	0.0	7:59	0.0	9:02	0.0	10:00	0.0	11:50	0.0	12:50	0.0	15:00	0.0	16:03	0.0
SAM-2	7:12	0.0	8:11	0.0	9:14	0.0	10:11	0.0	11:05	0.0	13:01	0.0	15:12	0.0	16:14	0.0
SAM-3	7:09	0.0	8:07	0.0	9:10	0.0	10:07	0.0	11:59	0.0	12:57	0.0	15:08	0.0	16:10	0.0
SAM-4	7:05	0.0	8:03	0.0	9:05	0.0	10:04	0.0	11:54	0.0	12:54	0.0	15:03	0.0	16:06	0.0
IMPL-A	7:13	0.0	8:12	0.0	9:15	0.0	10:12	0.0	11:06	0.0	13:02	0.0	15:14	0.0	16:15	0.0
IMPL-B	7:14	0.0	8:13	0.0	9:16	0.0	10:13	0.0	11:08	0.0	13:03	0.0	15:15	0.0	16:16	0.0
IMPL-C	7:16	0.0	8:14	0.0	9:18	0.0	10:14	0.0	11:09	0.0	13:04	0.0	15:16	0.0	16:17	0.0
IMPL-D	7:17	0.0	8:15	0.0	9:19	0.0	10:16	0.0	11:10	0.0	13:05	0.0	15:17	0.0	16:18	0.0
IMPL-E	7:18	0.0	8:16	0.0	9:20	0.0	10:17	0.0	11:12	0.0	13:07	0.0	15:19	0.0	16:19	0.0
IMPL-F	7:19	0.0	8:18	0.0	9:21	0.0	10:18	0.0	11:13	0.0	13:08	0.0	15:20	0.0	16:20	0.0
IMPL-G	7:21	0.0	8:19	0.0	9:22	0.0	10:19	0.0	11:14	0.0	13:09	0.0	15:21	0.0	16:21	0.0
IMPL-H	7:22	0.0	8:20	0.0	9:23	0.0	10:20	0.0	11:15	0.0	13:10	0.0	15:22	0.0	16:23	0.0
IMPL-I	7:23	0.0	8:21	0.0	9:24	0.0	10:22	0.0	11:16	0.0	13:12	0.0	15:23	0.0	16:24	0.0
IMPL-J	7:24	0.0	8:23	0.0	9:26	0.0	10:23	0.0	11:18	0.0	13:13	0.0	15:24	0.0	16:25	0.0
IMPL-K	7:25	0.0	8:24	0.0	9:27	0.0	10:24	0.0	11:20	0.0	13:14	0.0	15:25	0.0	16:26	0.0
IMPL-L	7:27	0.0	8:25	0.0	9:28	0.0	10:25	0.0	11:21	0.0	13:15	0.0	15:26	0.0	16:27	0.0

Note: Measurements using a portable GC are only needed for concentrations over 0.5 ppm.

APPENDIX B

COMPLETE PRELIMINARY LAB RESULT DATA

Appendix B: Complete Preliminary Lab Result Data

METHOD	CLIENTSAMPID	SAMPDATETIME	UNITS	RESULTS	DATAFLAGS	COMPOUND NAME
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Naphthalene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	2-Methylnaphthalene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	2-Chloronaphthalene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Acenaphthylene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Acenaphthene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Fluorene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Phenanthrene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Anthracene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Fluoranthene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Pyrene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Chrysene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Benzo(a)anthracene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Benzo(b)fluoranthene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Benzo(k)fluoranthene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Benzo(a)pyrene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	%R	79		Fluorene-d10
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	%R	89		Pyrene-d10
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	%R	88		Benzo(a)pyrene-d12
TO-13A	20211215-17-SW-SAM5	12/17/2021 10:43	%R	70		Fluoranthene-d10
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Naphthalene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	2-Methylnaphthalene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	2-Chloronaphthalene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Acenaphthylene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Acenaphthene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Fluorene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Phenanthrene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Anthracene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Fluoranthene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Pyrene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Chrysene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Benzo(a)anthracene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Benzo(b)fluoranthene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Benzo(k)fluoranthene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Benzo(a)pyrene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	%R	63		Fluorene-d10
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	%R	80		Pyrene-d10
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	%R	77		Benzo(a)pyrene-d12
TO-13A	20211215-17-NW-SAM4	12/17/2021 10:53	%R	60		Fluoranthene-d10
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Naphthalene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	2-Methylnaphthalene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	2-Chloronaphthalene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Acenaphthylene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Acenaphthene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Fluorene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Phenanthrene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Anthracene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Fluoranthene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Pyrene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Chrysene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Benzo(a)anthracene

Appendix B: Complete Preliminary Lab Result Data

METHOD	CLIENTSAMPID	SAMPDATETIME	UNITS	RESULTS	DATAFLAGS	COMPOUND NAME
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Benzo(b)fluoranthene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Benzo(k)fluoranthene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Benzo(a)pyrene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	%R	75		Fluorene-d10
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	%R	88		Pyrene-d10
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	%R	88		Benzo(a)pyrene-d12
TO-13A	20211215-17-NE-SAM2	12/17/2021 10:59	%R	71		Fluoranthene-d10
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Naphthalene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	2-Methylnaphthalene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	2-Chloronaphthalene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Acenaphthylene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Acenaphthene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Fluorene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Phenanthrene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Anthracene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Fluoranthene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Pyrene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Chrysene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Benzo(a)anthracene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Benzo(b)fluoranthene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Benzo(k)fluoranthene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Benzo(a)pyrene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	%R	69		Fluorene-d10
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	%R	76		Pyrene-d10
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	%R	75		Benzo(a)pyrene-d12
TO-13A	20211215-17-NE-SAM3	12/17/2021 10:36	%R	62		Fluoranthene-d10
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Naphthalene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	2-Methylnaphthalene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	2-Chloronaphthalene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Acenaphthylene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Acenaphthene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Fluorene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Phenanthrene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Anthracene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Fluoranthene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Pyrene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Chrysene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Benzo(a)anthracene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Benzo(b)fluoranthene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Benzo(k)fluoranthene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Benzo(a)pyrene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	%R	67		Fluorene-d10
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	%R	78		Pyrene-d10
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	%R	76		Benzo(a)pyrene-d12
TO-13A	20211215-17-SE-SAM1	12/17/2021 10:38	%R	60		Fluoranthene-d10

Appendix B: Complete Preliminary Lab Result Data

METHOD	CLIENTSAMPID	SAMPDATETIME	UNITS	RESULTS	DATAFLAGS	COMPOUND NAME
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Naphthalene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	2-Methylnaphthalene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	2-Chloronaphthalene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Acenaphthylene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Acenaphthene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Fluorene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Phenanthrene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Anthracene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Fluoranthene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Pyrene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Chrysene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Benzo(a)anthracene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Benzo(b)fluoranthene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Benzo(k)fluoranthene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Benzo(a)pyrene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	%R	80		Fluorene-d10
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	%R	94		Pyrene-d10
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	%R	91		Benzo(a)pyrene-d12
TO-13A	20211220-22-SW-SAM5	12/22/2021 11:54	%R	77		Fluoranthene-d10
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Naphthalene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	2-Methylnaphthalene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	2-Chloronaphthalene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Acenaphthylene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Acenaphthene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Fluorene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Phenanthrene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Anthracene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Fluoranthene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Pyrene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Chrysene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Benzo(a)anthracene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Benzo(b)fluoranthene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Benzo(k)fluoranthene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Benzo(a)pyrene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	%R	86		Fluorene-d10
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	%R	101		Pyrene-d10
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	%R	100		Benzo(a)pyrene-d12
TO-13A	20211220-22-NW-SAM4	12/22/2021 11:34	%R	84		Fluoranthene-d10
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Naphthalene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	2-Methylnaphthalene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	2-Chloronaphthalene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Acenaphthylene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Acenaphthene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Fluorene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Phenanthrene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Anthracene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Fluoranthene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Pyrene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Chrysene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Benzo(a)anthracene

Appendix B: Complete Preliminary Lab Result Data

METHOD	CLIENTSAMPID	SAMPDATETIME	UNITS	RESULTS	DATAFLAGS	COMPOUND NAME
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Benzo(b)fluoranthene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Benzo(k)fluoranthene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Benzo(a)pyrene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	%R	82		Fluorene-d10
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	%R	85		Pyrene-d10
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	%R	82		Benzo(a)pyrene-d12
TO-13A	20211220-22-NE-SAM2	12/22/2021 12:17	%R	78		Fluoranthene-d10
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Naphthalene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	2-Methylnaphthalene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	2-Chloronaphthalene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Acenaphthylene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Acenaphthene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Fluorene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Phenanthrene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Anthracene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Fluoranthene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Pyrene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Chrysene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Benzo(a)anthracene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Benzo(b)fluoranthene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Benzo(k)fluoranthene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Benzo(a)pyrene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	%R	87		Fluorene-d10
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	%R	95		Pyrene-d10
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	%R	95		Benzo(a)pyrene-d12
TO-13A	20211220-22-SE-SAM3	12/22/2021 12:02	%R	80		Fluoranthene-d10
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Naphthalene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	2-Methylnaphthalene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	2-Chloronaphthalene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Acenaphthylene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Acenaphthene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Fluorene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Phenanthrene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Anthracene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Fluoranthene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Pyrene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Chrysene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Benzo(a)anthracene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Benzo(b)fluoranthene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Benzo(k)fluoranthene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Benzo(a)pyrene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Indeno(1,2,3-c,d)pyrene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Dibenz(a,h)anthracene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	UG		ND	Benzo(g,h,i)perylene
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	%R	89		Fluorene-d10
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	%R	95		Pyrene-d10
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	%R	96		Benzo(a)pyrene-d12
TO-13A	20211220-22-SE-SAM1	12/22/2021 12:09	%R	85		Fluoranthene-d10

Appendix B: Complete Preliminary Lab Result Data

METHOD	CLIENTSAMPID	SAMPDATETIME	UNITS	RESULTS	DATAFLAGS	COMPOUND NAME
EPA 325	211203-15-SAM2	12/15/2021 13:25	UG/M3	0.24	U	Styrene
EPA 325	211203-15-SAM2	12/15/2021 13:25	UG/M3	0.62		Benzene
EPA 325	211203-15-SAM2	12/15/2021 13:25	UG/M3	0.52	J	Toluene
EPA 325	211203-15-SAM2	12/15/2021 13:25	UG/M3	0.33	U	Ethyl Benzene
EPA 325	211203-15-SAM2	12/15/2021 13:25	UG/M3	0.33	U	m,p-Xylene
EPA 325	211203-15-SAM2	12/15/2021 13:25	UG/M3	0.33	U	o-Xylene
EPA 325	211203-15-SAM4	12/15/2021 13:22	UG/M3	0.24	U	Styrene
EPA 325	211203-15-SAM4	12/15/2021 13:22	UG/M3	0.62		Benzene
EPA 325	211203-15-SAM4	12/15/2021 13:22	UG/M3	0.60		Toluene
EPA 325	211203-15-SAM4	12/15/2021 13:22	UG/M3	0.33	U	Ethyl Benzene
EPA 325	211203-15-SAM4	12/15/2021 13:22	UG/M3	0.33	U	m,p-Xylene
EPA 325	211203-15-SAM4	12/15/2021 13:22	UG/M3	0.33	U	o-Xylene
EPA 325	211203-15-SAM5	12/15/2021 13:15	UG/M3	0.24	U	Styrene
EPA 325	211203-15-SAM5	12/15/2021 13:15	UG/M3	0.77		Benzene
EPA 325	211203-15-SAM5	12/15/2021 13:15	UG/M3	0.66		Toluene
EPA 325	211203-15-SAM5	12/15/2021 13:15	UG/M3	0.33	U	Ethyl Benzene
EPA 325	211203-15-SAM5	12/15/2021 13:15	UG/M3	0.33	U	m,p-Xylene
EPA 325	211203-15-SAM5	12/15/2021 13:15	UG/M3	0.33	U	o-Xylene
EPA 325	211203-15-SAM3	12/15/2021 13:32	UG/M3	0.24	U	Styrene
EPA 325	211203-15-SAM3	12/15/2021 13:32	UG/M3	0.52		Benzene
EPA 325	211203-15-SAM3	12/15/2021 13:32	UG/M3	0.63		Toluene
EPA 325	211203-15-SAM3	12/15/2021 13:32	UG/M3	0.33	U	Ethyl Benzene
EPA 325	211203-15-SAM3	12/15/2021 13:32	UG/M3	0.33	U	m,p-Xylene
EPA 325	211203-15-SAM3	12/15/2021 13:32	UG/M3	0.33	U	o-Xylene
EPA 325	211203-15-SAM1	12/15/2021 13:30	UG/M3	0.24	U	Styrene
EPA 325	211203-15-SAM1	12/15/2021 13:30	UG/M3	0.55		Benzene
EPA 325	211203-15-SAM1	12/15/2021 13:30	UG/M3	0.63		Toluene
EPA 325	211203-15-SAM1	12/15/2021 13:30	UG/M3	0.33	U	Ethyl Benzene
EPA 325	211203-15-SAM1	12/15/2021 13:30	UG/M3	0.33	U	m,p-Xylene
EPA 325	211203-15-SAM1	12/15/2021 13:30	UG/M3	0.33	U	o-Xylene

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