

DAILY FIELD REPORT 150

Prepared By: LANGAN

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Sunny	
TEMP.	< 32	X	32-50	X	50-70		70-85		>85	

BCP Project No:	C231153	Date:	December 22, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 6:00 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

Construction Manager: Consigli Construction Co., Inc. (Consigli)

Foundation Contractor: Urban Foundation/Engineering (Urban)

Langan Field Personnel:

Olivia Miller (Environmental)

Xianglei Zheng (Geotechnical)

Work Activities Performed:

- Urban continued excavating an about 15-foot-long by 5-foot-wide area around existing caissons from about 28 feet below grade surface (bgs) to about 35 feet bgs in grid WC06_30-35 for the installation of an elevator pit. Excavated soil/fill was stockpiled in the western part of WC02 pending off-site disposal.
- Urban excavated an about 5-foot-long by 8-foot-wide area around existing caissons from about 10 feet bgs to about 15 feet bgs in the western part of grid WC02_10-15 for the installation of lagging. Excavated soil/fill was graded adjacent to the area of excavation.
- Excavated soil/fill consisted of non-native soil; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a petroleum or chemical release were not observed.
- Urban continued installing waterproofing/vapor barrier membranes (GCP Preprufe® 300R and related products) in the central part of the site. Waterproofing/vapor barrier installation observation and documentation is to verify general conformance with specifications and contract documents.

Material Tracking:

- The following soil/fill was exported from the site:
 - 4 loads of soil/fill from waste characterization grids WC02_10-15, WC02_15-20, WC02_20-25, WC03_15-20, WC03_20-25, WC03_25-30, WC06_30-35 were exported for off-site disposal at the Bayshore Soil Management, LLC facility in Keasbey, NJ.
- The following materials were imported to the site:
 - 2 loads (about 40 cubic yards) of 0.75-inch stone sourced from Greenpoint Quarry in Hudson, NY via North Shore Terminal in Staten Island, NY.

Materials Export Summary								
Facility Name	<i>Bayshore Soil Management, LLC</i>		<i>Clean Earth of Carteret, LLC</i>		<i>PPark NJ</i>		<i>Faztec Solutions</i>	
Location	<i>Keasbey, NJ</i>		<i>Carteret, NJ</i>		<i>Prospect Park, NJ</i>		<i>Staten Island, NY</i>	
Type of Waste	<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>C&D</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	4	-	0	-	0	-	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	136	2,720	240	4,800	0	-	15	300

Materials Export Summary		
Facility Name	<i>Dale Transfer Corp.</i>	
Location	<i>West Babylon, NY</i>	
Type of Waste	<i>Concrete</i>	
Today	Number of Loads	Approx. Volume (CY)
	0	-
Total	Number of Loads	Approx. Volume (CY)
	2	40

Materials Import Summary				
Facility Name	<i>Greenpoint Quarry / North Shore Terminal</i>		<i>Stavola Bound Brook / North Shore Terminal</i>	
Location	<i>Staten Island, NY</i>		<i>Staten Island, NY</i>	
Type of Material	<i>ASTM #57 0.75-inch Stone</i>		<i>ASTM #2 2.5-inch Stone</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	2	-	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	6	120	3	60

Samples Collected:

- No samples were collected.

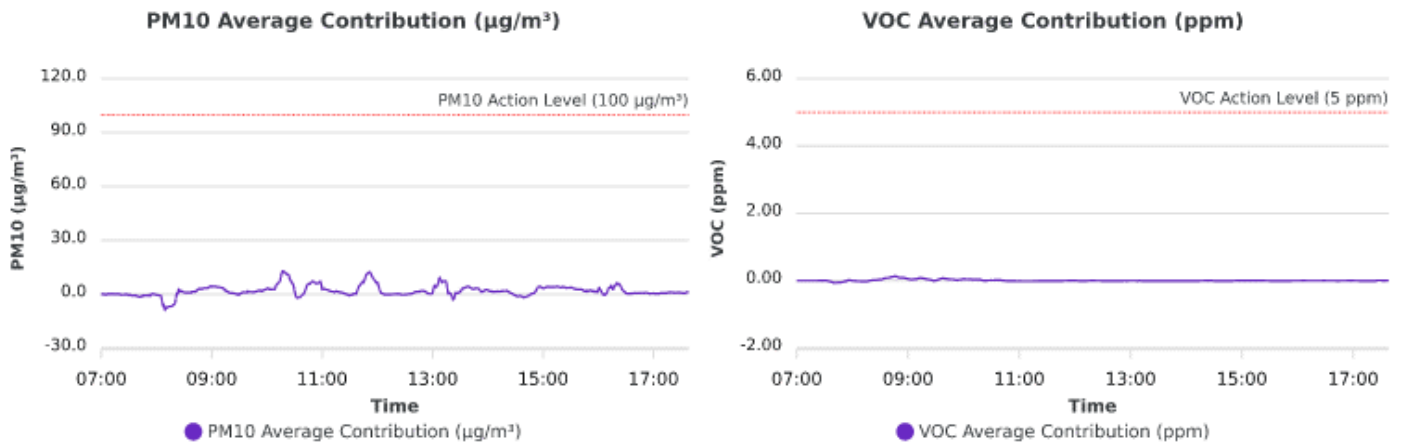
Air Monitoring:

The 15-minute average site contributions for particulates and volatile organic compounds (VOCs) are calculated by subtracting the upwind readings from the downwind readings. A true action level exceedance is realized when this net result exceeds 100 µg/m³ for particulates and 5 ppm for organic vapors. No particulates (PM10) or organic vapors exceeded the 15-minute average site contribution action level of 100 µg/m³ or 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	5.6	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-9.1	VOC Average Site Contribution (Minimum)	-0.06
PM10 Average Site Contribution (Maximum)	12.8	VOC Average Site Contribution (Maximum)	0.14

µg/m³: micrograms per cubic meter.

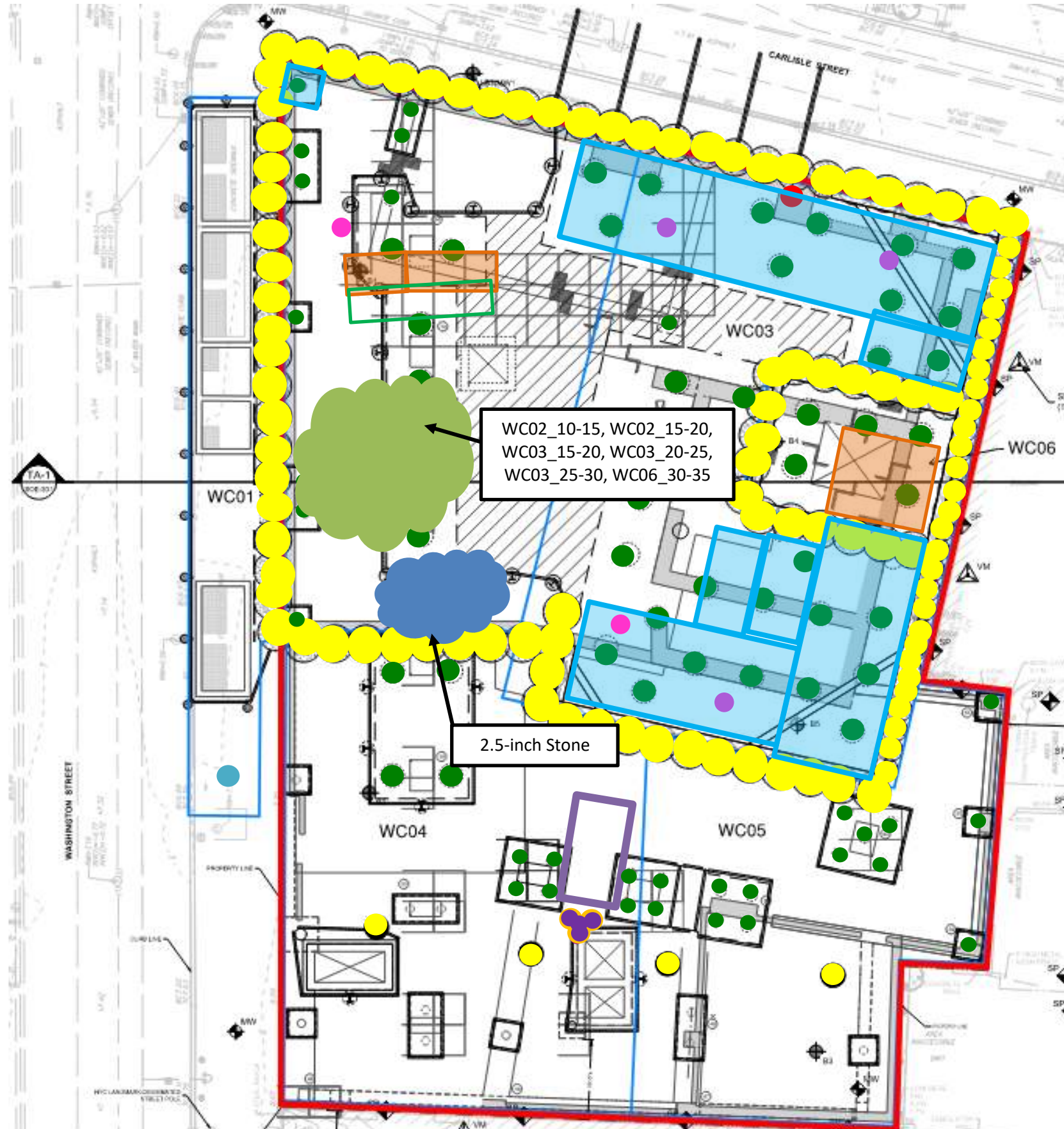
ppm: parts per million.



Planned Activities:

- Urban will continue excavation throughout the site to assist in the advancement of caissons, soldier piles and installation of the foundation mat.

SITE PLAN



- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile - Soil (no impacts)**
- **Stockpile - C&D**
- **Stockpile - Timber Piles**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- **Completed Soil-Mix Column**
- **Completed Caisson Casing**
- **Completed Caisson**
- **Reinstalled Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- **Soil-Mix Core Advanced**
- **Documentation Endpoint Sample**
- Completed Waterproofing Installation**
- Approximate Location of the Former UST**

Note: Waste characterization grid areas were developed by PT Consultants and Urban and is shown on this site plan for reference only.

Photo Log

Photo 1: View of imported 0.75-inch stone stockpiled in the southwestern part of grid WC02 (facing west).



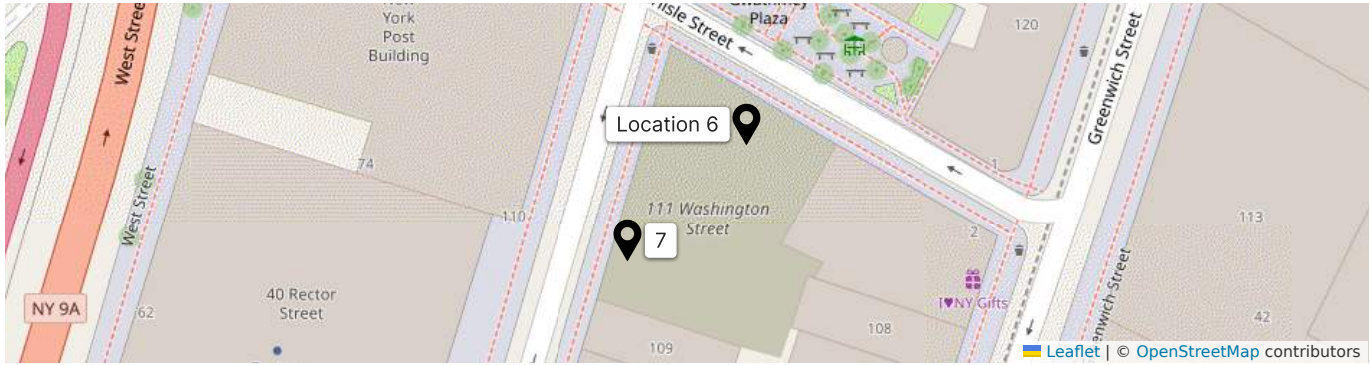
Photo 2: View of Urban loading a truck with soil/fill for off-site disposal (facing southeast).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	12/22/2023 06:00
		To:	12/22/2023 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

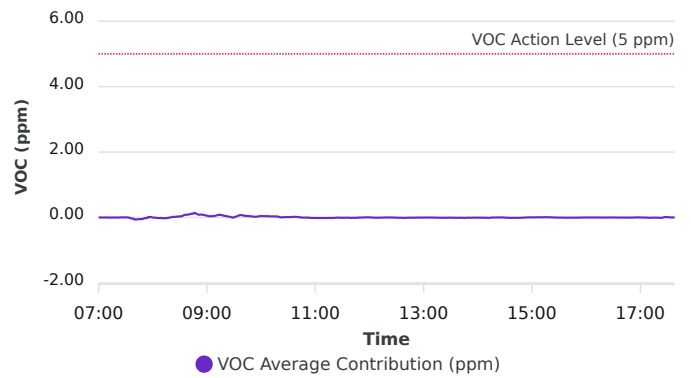
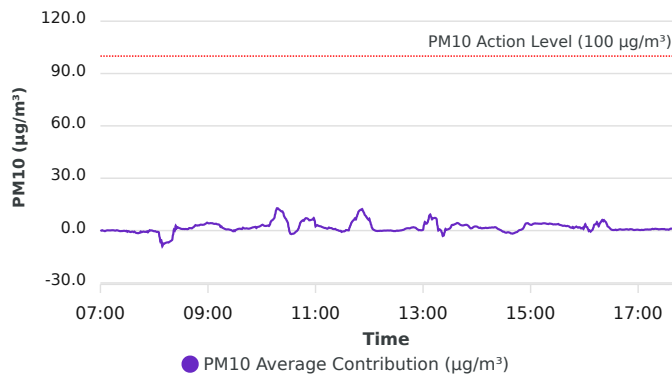
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
12/22/2023	0.2-2.3	SW

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 12/22/2023	-9.1	08:09	-0.06	07:40
Max Contribution (15 min avg.) - 12/22/2023	12.8	10:17	0.14	08:46

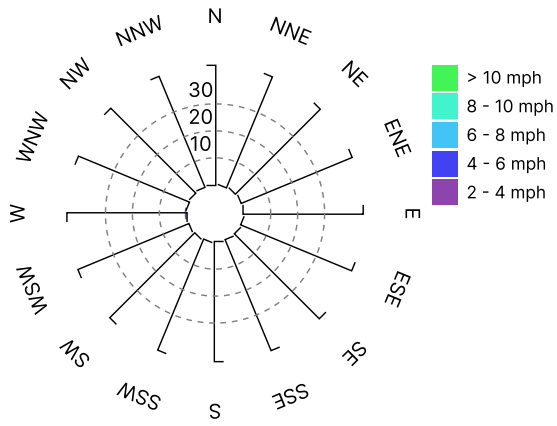


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

VOC Average Contribution (ppm)



Contribution wind rose (mph)



Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 07:00:00	5.6	5.3	-0.3	0.00	0.00	0.00	0.7	S
12/22/2023 07:01:00	5.1	5.2	0.0	0.00	0.00	0.00	1.1	E
12/22/2023 07:02:00	4.7	4.9	0.2	0.00	0.00	0.00	1.1	E
12/22/2023 07:03:00	4.6	4.5	-0.1	0.00	0.00	0.00	1.2	WSW
12/22/2023 07:04:00	4.6	4.5	-0.1	0.00	0.00	0.00	1.2	WSW
12/22/2023 07:05:00	4.6	4.3	-0.3	0.00	0.00	0.00	1.2	SSW
12/22/2023 07:06:00	4.5	4.4	-0.1	0.00	0.00	0.00	1.3	SE
12/22/2023 07:07:00	4.3	4.4	0.1	0.00	0.00	0.00	1.3	E
12/22/2023 07:08:00	4.2	4.4	0.1	0.00	0.00	0.00	1.3	ESE
12/22/2023 07:09:00	4.2	4.3	0.1	0.00	0.00	0.00	1.3	W
12/22/2023 07:10:00	4.4	4.5	0.1	0.00	0.00	0.00	1.3	ESE
12/22/2023 07:11:00	4.6	4.7	0.1	0.00	0.00	0.00	1.3	W
12/22/2023 07:12:00	4.8	4.9	0.1	0.00	0.00	0.00	1.3	SW
12/22/2023 07:13:00	4.9	5.1	0.2	0.00	0.00	0.00	1.3	SW
12/22/2023 07:14:00	5.0	5.2	0.2	0.00	0.00	0.00	1.3	SE
12/22/2023 07:15:00	5.1	5.2	0.1	0.00	0.00	0.00	1.3	SW
12/22/2023 07:16:00	5.4	5.4	0.0	0.00	0.00	0.00	1.3	ESE
12/22/2023 07:17:00	5.5	5.5	0.0	0.00	0.00	0.00	1.3	ESE
12/22/2023 07:18:00	5.6	5.8	0.2	0.00	0.00	0.00	1.3	ESE
12/22/2023 07:19:00	5.8	5.9	0.1	0.00	0.00	0.00	1.3	SSE
12/22/2023 07:20:00	6.2	6.2	-0.1	0.00	0.00	0.00	1.3	ESE
12/22/2023 07:21:00	6.5	6.2	-0.2	0.01	0.00	0.00	1.2	E
12/22/2023 07:22:00	6.6	6.3	-0.3	0.01	0.01	0.00	1.3	SE
12/22/2023 07:23:00	6.7	6.5	-0.3	0.01	0.01	0.00	1.2	SSW
12/22/2023 07:24:00	6.8	6.5	-0.3	0.01	0.01	0.00	1.2	S
12/22/2023 07:25:00	6.8	6.5	-0.2	0.01	0.01	0.00	1.3	E
12/22/2023 07:26:00	6.6	6.5	-0.1	0.01	0.01	0.00	1.3	SE
12/22/2023 07:27:00	6.5	6.3	-0.1	0.01	0.01	0.00	1.3	E
12/22/2023 07:28:00	6.4	6.1	-0.3	0.01	0.01	0.00	1.3	W
12/22/2023 07:29:00	6.5	6.3	-0.2	0.01	0.01	0.00	1.3	SW
12/22/2023 07:30:00	6.9	6.2	-0.7	0.01	0.02	0.00	1.4	E
12/22/2023 07:31:00	6.6	6.3	-0.3	0.02	0.02	0.01	1.4	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 07:32:00	6.7	6.2	-0.5	0.02	0.02	0.00	1.3	SE
12/22/2023 07:33:00	6.9	6.2	-0.8	0.03	0.02	0.00	1.3	ESE
12/22/2023 07:34:00	7.0	6.2	-0.8	0.03	0.03	-0.01	1.4	E
12/22/2023 07:35:00	6.7	6.1	-0.6	0.04	0.03	-0.02	1.4	ESE
12/22/2023 07:36:00	6.6	6.0	-0.6	0.06	0.03	-0.03	1.4	E
12/22/2023 07:37:00	6.7	5.8	-0.9	0.06	0.03	-0.03	1.4	ESE
12/22/2023 07:38:00	6.6	6.0	-0.6	0.06	0.03	-0.03	1.4	SW
12/22/2023 07:39:00	7.0	5.9	-1.1	0.08	0.03	-0.05	1.4	ENE
12/22/2023 07:40:00	7.2	5.8	-1.4	0.09	0.03	-0.06	1.3	SE
12/22/2023 07:41:00	7.1	5.7	-1.4	0.09	0.04	-0.06	1.3	SW
12/22/2023 07:42:00	7.1	5.6	-1.5	0.10	0.04	-0.06	1.2	E
12/22/2023 07:43:00	7.0	5.7	-1.4	0.10	0.04	-0.06	1.2	WSW
12/22/2023 07:44:00	6.7	5.5	-1.3	0.10	0.04	-0.05	1.2	WSW
12/22/2023 07:45:00	6.0	5.5	-0.5	0.10	0.05	-0.05	1.2	SW
12/22/2023 07:46:00	6.1	5.1	-0.9	0.10	0.04	-0.06	1.3	ESE
12/22/2023 07:47:00	5.8	5.1	-0.7	0.09	0.04	-0.05	1.3	SSE
12/22/2023 07:48:00	5.6	5.0	-0.6	0.09	0.04	-0.05	1.3	NNE
12/22/2023 07:49:00	5.6	4.9	-0.7	0.09	0.04	-0.04	1.3	E
12/22/2023 07:50:00	5.5	4.7	-0.8	0.07	0.04	-0.03	1.3	E
12/22/2023 07:51:00	5.5	4.8	-0.7	0.06	0.04	-0.02	1.2	S
12/22/2023 07:52:00	5.3	4.8	-0.5	0.05	0.04	-0.02	1.2	ESE
12/22/2023 07:53:00	5.3	4.3	-1.0	0.06	0.04	-0.02	1.2	ESE
12/22/2023 07:54:00	4.6	4.3	-0.3	0.04	0.04	-0.01	1.2	SSW
12/22/2023 07:55:00	4.3	4.5	0.2	0.02	0.04	0.02	1.2	WSW
12/22/2023 07:56:00	4.4	4.5	0.0	0.03	0.03	0.00	1.3	ESE
12/22/2023 07:57:00	4.4	4.5	0.1	0.03	0.04	0.01	1.3	W
12/22/2023 07:58:00	4.5	4.5	0.0	0.03	0.04	0.02	1.3	WSW
12/22/2023 07:59:00	4.6	4.3	-0.3	0.03	0.04	0.01	1.3	E
12/22/2023 08:00:00	4.6	4.2	-0.4	0.04	0.04	0.00	1.2	ESE
12/22/2023 08:01:00	4.7	4.4	-0.3	0.04	0.04	0.00	1.2	ESE
12/22/2023 08:02:00	4.9	4.3	-0.6	0.04	0.04	-0.01	1.2	ESE
12/22/2023 08:03:00	5.0	4.2	-0.8	0.04	0.04	-0.01	1.2	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 08:04:00	4.7	4.0	-0.7	0.05	0.04	-0.01	1.1	ESE
12/22/2023 08:05:00	4.8	3.9	-0.9	0.05	0.04	-0.01	1.1	ESE
12/22/2023 08:06:00	7.4	3.7	-3.7	0.05	0.04	-0.02	1.2	E
12/22/2023 08:07:00	10.2	3.6	-6.6	0.05	0.04	-0.02	1.2	ESE
12/22/2023 08:08:00	10.1	4.4	-5.7	0.05	0.04	-0.01	1.2	S
12/22/2023 08:09:00	13.4	4.4	-9.1	0.05	0.04	-0.02	1.3	ESE
12/22/2023 08:10:00	13.5	6.1	-7.4	0.05	0.03	-0.02	1.3	WSW
12/22/2023 08:11:00	13.9	6.2	-7.6	0.05	0.03	-0.01	1.3	E
12/22/2023 08:12:00	13.8	6.6	-7.3	0.05	0.02	-0.02	1.3	SSE
12/22/2023 08:13:00	13.6	6.7	-7.0	0.04	0.02	-0.03	1.3	WNW
12/22/2023 08:14:00	13.6	6.7	-6.8	0.04	0.02	-0.03	1.3	E
12/22/2023 08:15:00	13.4	6.7	-6.7	0.04	0.02	-0.01	1.3	W
12/22/2023 08:16:00	13.3	6.4	-6.8	0.04	0.02	-0.02	1.4	ESE
12/22/2023 08:17:00	13.0	6.5	-6.5	0.04	0.03	-0.01	1.4	WSW
12/22/2023 08:18:00	12.8	6.7	-6.1	0.03	0.03	-0.01	1.4	WSW
12/22/2023 08:19:00	12.8	7.0	-5.8	0.03	0.03	0.00	1.4	SW
12/22/2023 08:20:00	12.5	7.1	-5.4	0.03	0.03	0.00	1.4	SSE
12/22/2023 08:21:00	9.8	7.3	-2.5	0.02	0.04	0.01	1.3	SW
12/22/2023 08:22:00	6.9	7.5	0.6	0.02	0.04	0.02	1.3	WSW
12/22/2023 08:23:00	6.8	6.8	0.0	0.02	0.04	0.02	1.2	SW
12/22/2023 08:24:00	3.9	6.7	2.8	0.03	0.04	0.02	1.2	ESE
12/22/2023 08:25:00	3.8	5.1	1.3	0.03	0.05	0.02	1.2	WSW
12/22/2023 08:26:00	3.2	5.2	1.9	0.03	0.05	0.03	1.2	WSW
12/22/2023 08:27:00	3.1	4.8	1.7	0.03	0.06	0.03	1.2	WSW
12/22/2023 08:28:00	3.3	4.7	1.4	0.04	0.06	0.02	1.3	ESE
12/22/2023 08:29:00	3.3	4.6	1.3	0.03	0.07	0.03	1.2	WSW
12/22/2023 08:30:00	3.7	4.7	1.0	0.04	0.07	0.04	1.2	WSW
12/22/2023 08:31:00	4.0	4.9	0.9	0.04	0.07	0.03	1.2	ESE
12/22/2023 08:32:00	4.2	5.0	0.9	0.04	0.08	0.04	1.2	WSW
12/22/2023 08:33:00	4.2	5.1	0.9	0.04	0.10	0.05	1.1	WSW
12/22/2023 08:34:00	4.1	5.0	0.8	0.04	0.11	0.07	1.2	S
12/22/2023 08:35:00	4.0	5.0	0.9	0.05	0.12	0.08	1.1	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 08:36:00	4.0	4.9	0.9	0.05	0.13	0.08	1.1	WSW
12/22/2023 08:37:00	4.0	4.8	0.8	0.05	0.13	0.08	1.1	SSE
12/22/2023 08:38:00	4.0	4.9	0.9	0.05	0.13	0.08	1.1	SW
12/22/2023 08:39:00	3.7	5.1	1.4	0.04	0.14	0.09	1.1	WSW
12/22/2023 08:40:00	3.7	5.2	1.4	0.04	0.14	0.09	1.1	W
12/22/2023 08:41:00	3.9	5.2	1.3	0.04	0.14	0.10	1.2	W
12/22/2023 08:42:00	4.2	5.4	1.3	0.05	0.15	0.10	1.2	WSW
12/22/2023 08:43:00	4.3	6.0	1.7	0.04	0.16	0.12	1.2	WSW
12/22/2023 08:44:00	4.5	6.5	2.0	0.04	0.16	0.12	1.3	WSW
12/22/2023 08:45:00	4.4	7.0	2.6	0.04	0.16	0.12	1.3	WSW
12/22/2023 08:46:00	4.3	7.4	3.1	0.03	0.17	0.14	1.3	WSW
12/22/2023 08:47:00	4.5	7.5	3.0	0.03	0.16	0.13	1.3	SW
12/22/2023 08:48:00	4.6	7.5	2.9	0.03	0.15	0.12	1.3	WSW
12/22/2023 08:49:00	4.6	7.6	3.0	0.03	0.14	0.10	1.3	SW
12/22/2023 08:50:00	4.7	7.6	3.0	0.03	0.13	0.09	1.3	WNW
12/22/2023 08:51:00	4.7	7.9	3.3	0.03	0.12	0.09	1.3	WSW
12/22/2023 08:52:00	4.8	8.2	3.4	0.03	0.11	0.08	1.3	WSW
12/22/2023 08:53:00	4.8	8.2	3.3	0.03	0.12	0.09	1.3	WSW
12/22/2023 08:54:00	4.8	8.1	3.3	0.03	0.12	0.09	1.4	WSW
12/22/2023 08:55:00	4.7	8.1	3.4	0.03	0.12	0.09	1.4	W
12/22/2023 08:56:00	4.5	8.0	3.5	0.03	0.11	0.08	1.4	W
12/22/2023 08:57:00	4.3	8.1	3.9	0.03	0.11	0.07	1.4	WSW
12/22/2023 08:58:00	4.0	8.1	4.1	0.03	0.10	0.07	1.4	WSW
12/22/2023 08:59:00	3.6	8.2	4.5	0.03	0.09	0.06	1.3	WSW
12/22/2023 09:00:00	3.5	7.8	4.3	0.03	0.08	0.06	1.3	WSW
12/22/2023 09:01:00	3.3	7.4	4.1	0.02	0.07	0.05	1.2	SW
12/22/2023 09:02:00	3.0	7.2	4.2	0.02	0.06	0.04	1.2	SSE
12/22/2023 09:03:00	2.9	7.2	4.3	0.02	0.06	0.04	1.1	WSW
12/22/2023 09:04:00	2.8	7.0	4.2	0.02	0.06	0.04	1.2	WSW
12/22/2023 09:05:00	2.9	7.1	4.2	0.02	0.06	0.04	1.2	SSW
12/22/2023 09:06:00	3.0	6.9	4.0	0.02	0.06	0.04	1.2	WSW
12/22/2023 09:07:00	3.1	6.9	3.8	0.02	0.06	0.05	1.2	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 09:08:00	3.3	7.1	3.9	0.02	0.07	0.05	1.2	SW
12/22/2023 09:09:00	3.4	7.3	3.9	0.02	0.07	0.05	1.1	WSW
12/22/2023 09:10:00	3.5	7.2	3.7	0.02	0.07	0.06	1.1	W
12/22/2023 09:11:00	3.7	7.3	3.5	0.02	0.09	0.07	1.1	WSW
12/22/2023 09:12:00	3.9	7.4	3.5	0.02	0.10	0.08	1.0	SW
12/22/2023 09:13:00	4.1	7.2	3.1	0.02	0.10	0.09	1.0	SSW
12/22/2023 09:14:00	4.7	6.8	2.1	0.03	0.10	0.08	1.0	ESE
12/22/2023 09:15:00	4.6	7.0	2.4	0.03	0.11	0.08	1.0	WSW
12/22/2023 09:16:00	5.1	6.8	1.6	0.03	0.11	0.07	1.0	ESE
12/22/2023 09:17:00	5.3	6.7	1.4	0.04	0.11	0.07	1.0	E
12/22/2023 09:18:00	5.4	6.6	1.2	0.05	0.11	0.06	1.0	E
12/22/2023 09:19:00	5.4	6.3	0.9	0.06	0.11	0.06	1.0	SE
12/22/2023 09:20:00	5.3	6.0	0.7	0.06	0.11	0.05	1.0	ESE
12/22/2023 09:21:00	5.2	5.8	0.7	0.06	0.10	0.04	1.0	SW
12/22/2023 09:22:00	4.9	5.6	0.7	0.06	0.10	0.04	1.0	WSW
12/22/2023 09:23:00	4.6	5.3	0.7	0.06	0.09	0.03	1.1	SW
12/22/2023 09:24:00	4.4	4.9	0.5	0.06	0.09	0.03	1.1	WSW
12/22/2023 09:25:00	4.2	4.6	0.4	0.06	0.08	0.02	1.0	SSW
12/22/2023 09:26:00	4.0	4.3	0.3	0.06	0.07	0.01	1.0	SW
12/22/2023 09:27:00	3.8	3.7	-0.1	0.06	0.07	0.01	1.1	WSW
12/22/2023 09:28:00	3.6	3.2	-0.4	0.06	0.06	-0.01	1.1	E
12/22/2023 09:29:00	2.9	3.0	0.1	0.06	0.06	0.01	1.1	SSW
12/22/2023 09:30:00	2.8	2.6	-0.3	0.06	0.06	0.00	1.1	WSW
12/22/2023 09:31:00	2.2	2.5	0.3	0.05	0.07	0.01	1.1	SW
12/22/2023 09:32:00	1.9	2.5	0.6	0.04	0.07	0.03	1.1	WNW
12/22/2023 09:33:00	1.7	2.6	0.8	0.04	0.07	0.04	1.2	WSW
12/22/2023 09:34:00	1.7	2.6	1.0	0.03	0.08	0.05	1.2	WSW
12/22/2023 09:35:00	1.7	2.8	1.1	0.03	0.09	0.06	1.2	SW
12/22/2023 09:36:00	1.7	2.8	1.0	0.03	0.10	0.07	1.2	W
12/22/2023 09:37:00	1.8	2.7	0.9	0.03	0.10	0.07	1.2	SW
12/22/2023 09:38:00	1.9	2.8	0.9	0.03	0.10	0.07	1.2	WSW
12/22/2023 09:39:00	1.9	3.6	1.7	0.03	0.10	0.07	1.2	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 09:40:00	2.3	3.6	1.4	0.03	0.09	0.06	1.2	ENE
12/22/2023 09:41:00	2.6	3.8	1.2	0.03	0.09	0.06	1.1	S
12/22/2023 09:42:00	2.8	4.0	1.2	0.03	0.08	0.05	1.0	SE
12/22/2023 09:43:00	3.0	4.2	1.3	0.03	0.08	0.05	1.0	E
12/22/2023 09:44:00	3.1	4.3	1.2	0.03	0.07	0.05	1.0	ESE
12/22/2023 09:45:00	3.4	4.4	1.1	0.03	0.07	0.04	1.0	NW
12/22/2023 09:46:00	3.6	4.7	1.1	0.03	0.07	0.04	1.0	WSW
12/22/2023 09:47:00	3.7	5.0	1.3	0.03	0.07	0.04	1.0	W
12/22/2023 09:48:00	3.9	5.3	1.4	0.03	0.07	0.04	1.0	W
12/22/2023 09:49:00	4.0	5.6	1.6	0.03	0.06	0.04	1.0	WSW
12/22/2023 09:50:00	4.1	5.9	1.8	0.03	0.06	0.03	1.1	W
12/22/2023 09:51:00	4.1	6.0	1.9	0.03	0.05	0.03	1.1	WSW
12/22/2023 09:52:00	4.1	6.2	2.0	0.03	0.05	0.02	1.0	W
12/22/2023 09:53:00	4.2	6.3	2.1	0.03	0.05	0.02	1.0	WSW
12/22/2023 09:54:00	4.2	5.7	1.4	0.03	0.05	0.02	1.0	WSW
12/22/2023 09:55:00	4.0	5.9	1.9	0.03	0.05	0.03	1.0	W
12/22/2023 09:56:00	3.8	6.0	2.2	0.03	0.06	0.03	1.1	WSW
12/22/2023 09:57:00	3.7	5.9	2.2	0.03	0.06	0.03	1.1	W
12/22/2023 09:58:00	3.6	6.1	2.5	0.02	0.06	0.04	1.1	WSW
12/22/2023 09:59:00	3.5	6.3	2.8	0.02	0.07	0.04	1.1	W
12/22/2023 10:00:00	3.3	6.5	3.2	0.02	0.07	0.04	1.1	W
12/22/2023 10:01:00	3.2	6.5	3.3	0.02	0.07	0.04	1.1	W
12/22/2023 10:02:00	3.4	6.4	3.0	0.03	0.07	0.04	1.1	WSW
12/22/2023 10:03:00	3.5	6.2	2.7	0.03	0.07	0.04	1.1	WSW
12/22/2023 10:04:00	3.4	6.0	2.6	0.03	0.07	0.04	1.1	W
12/22/2023 10:05:00	3.3	6.0	2.6	0.03	0.07	0.04	1.1	W
12/22/2023 10:06:00	3.3	6.1	2.8	0.03	0.07	0.04	1.2	WSW
12/22/2023 10:07:00	3.3	6.1	2.9	0.03	0.07	0.04	1.2	S
12/22/2023 10:08:00	3.4	6.0	2.6	0.03	0.07	0.04	1.2	ENE
12/22/2023 10:09:00	3.4	6.8	3.4	0.03	0.07	0.04	1.2	WSW
12/22/2023 10:10:00	3.6	8.6	5.0	0.03	0.07	0.04	1.2	WSW
12/22/2023 10:11:00	4.1	9.8	5.7	0.03	0.07	0.03	1.2	SW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 10:12:00	4.5	10.5	6.0	0.03	0.07	0.03	1.2	WSW
12/22/2023 10:13:00	4.7	11.2	6.5	0.03	0.07	0.03	1.2	WSW
12/22/2023 10:14:00	5.0	12.2	7.2	0.03	0.06	0.03	1.2	W
12/22/2023 10:15:00	5.5	14.8	9.4	0.03	0.06	0.03	1.1	W
12/22/2023 10:16:00	6.2	17.9	11.6	0.03	0.06	0.03	1.2	WSW
12/22/2023 10:17:00	6.6	19.4	12.8	0.03	0.06	0.03	1.1	S
12/22/2023 10:18:00	7.0	19.8	12.8	0.03	0.06	0.03	1.1	SW
12/22/2023 10:19:00	7.8	19.9	12.2	0.03	0.06	0.02	1.1	SW
12/22/2023 10:20:00	8.4	20.2	11.8	0.03	0.05	0.02	1.0	WSW
12/22/2023 10:21:00	9.0	20.3	11.3	0.03	0.04	0.01	1.0	SW
12/22/2023 10:22:00	9.3	20.3	11.0	0.03	0.04	0.00	1.0	WSW
12/22/2023 10:23:00	9.4	20.4	11.0	0.03	0.04	0.01	1.1	SE
12/22/2023 10:24:00	9.8	19.9	10.2	0.03	0.04	0.01	1.1	S
12/22/2023 10:25:00	10.0	18.2	8.2	0.03	0.04	0.01	1.1	W
12/22/2023 10:26:00	9.8	17.1	7.3	0.03	0.04	0.01	1.1	SW
12/22/2023 10:27:00	9.8	16.4	6.6	0.03	0.04	0.01	1.1	S
12/22/2023 10:28:00	9.9	15.5	5.6	0.03	0.04	0.01	1.2	WSW
12/22/2023 10:29:00	9.9	14.6	4.7	0.03	0.04	0.01	1.2	SSE
12/22/2023 10:30:00	9.9	11.8	1.8	0.03	0.05	0.01	1.2	W
12/22/2023 10:31:00	9.5	8.8	-0.7	0.03	0.04	0.01	1.2	WSW
12/22/2023 10:32:00	9.2	7.4	-1.8	0.03	0.04	0.01	1.3	SW
12/22/2023 10:33:00	9.2	7.2	-2.0	0.03	0.04	0.01	1.3	SW
12/22/2023 10:34:00	8.8	6.9	-1.8	0.03	0.04	0.02	1.2	SSE
12/22/2023 10:35:00	8.4	6.6	-1.8	0.03	0.04	0.02	1.2	SW
12/22/2023 10:36:00	8.3	6.6	-1.6	0.02	0.04	0.02	1.2	WSW
12/22/2023 10:37:00	8.1	6.8	-1.2	0.02	0.04	0.02	1.2	WSW
12/22/2023 10:38:00	8.1	7.5	-0.7	0.02	0.04	0.02	1.2	WSW
12/22/2023 10:39:00	8.0	7.7	-0.4	0.02	0.04	0.02	1.2	WSW
12/22/2023 10:40:00	7.9	8.1	0.2	0.02	0.04	0.02	1.1	W
12/22/2023 10:41:00	7.7	8.8	1.1	0.02	0.03	0.01	1.1	SW
12/22/2023 10:42:00	7.6	10.3	2.7	0.02	0.03	0.01	1.2	SW
12/22/2023 10:43:00	7.6	12.1	4.4	0.02	0.02	0.01	1.1	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 10:44:00	7.8	12.9	5.2	0.01	0.02	0.00	1.1	SW
12/22/2023 10:45:00	7.6	13.3	5.6	0.01	0.01	0.00	1.1	W
12/22/2023 10:46:00	7.5	13.5	6.0	0.01	0.01	0.00	1.1	W
12/22/2023 10:47:00	7.8	13.4	5.6	0.01	0.01	0.00	1.1	E
12/22/2023 10:48:00	7.7	14.3	6.6	0.01	0.01	0.00	1.1	WSW
12/22/2023 10:49:00	7.7	14.8	7.1	0.01	0.01	0.00	1.1	SW
12/22/2023 10:50:00	7.8	14.9	7.1	0.01	0.01	0.00	1.2	W
12/22/2023 10:51:00	7.9	14.8	6.9	0.01	0.01	0.00	1.2	WSW
12/22/2023 10:52:00	8.1	14.6	6.5	0.01	0.01	-0.01	1.1	WSW
12/22/2023 10:53:00	8.0	13.9	5.9	0.02	0.01	-0.01	1.1	WSW
12/22/2023 10:54:00				0.02	0.01	-0.01	1.1	SSW
12/22/2023 10:55:00				0.02	0.01	-0.01	1.1	W
12/22/2023 10:56:00				0.02	0.01	-0.01	1.1	SW
12/22/2023 10:57:00	9.1	15.4	6.3	0.02	0.01	-0.01	1.1	WSW
12/22/2023 10:58:00	8.7	15.9	7.2	0.02	0.01	-0.01	1.1	WSW
12/22/2023 10:59:00	8.5	14.3	5.8	0.02	0.01	-0.01	1.1	WNW
12/22/2023 11:00:00	10.4	12.8	2.4	0.02	0.01	-0.01	1.1	E
12/22/2023 11:01:00	9.7	12.6	2.9	0.02	0.01	-0.01	1.1	WSW
12/22/2023 11:02:00	9.1	12.2	3.1	0.02	0.01	-0.02	1.1	SSW
12/22/2023 11:03:00	8.7	11.6	2.8	0.02	0.01	-0.02	1.0	WSW
12/22/2023 11:04:00	8.4	11.0	2.6	0.02	0.01	-0.02	1.0	SSE
12/22/2023 11:05:00	8.2	10.7	2.5	0.02	0.01	-0.02	1.0	WSW
12/22/2023 11:06:00	8.3	10.7	2.4	0.02	0.01	-0.02	1.0	WSW
12/22/2023 11:07:00	8.3	10.4	2.1	0.02	0.01	-0.01	1.0	W
12/22/2023 11:08:00	8.3	10.2	1.9	0.02	0.01	-0.01	1.0	W
12/22/2023 11:09:00	8.3	10.1	1.7	0.02	0.01	-0.01	1.0	SW
12/22/2023 11:10:00	8.5	10.0	1.5	0.02	0.01	-0.01	1.0	WSW
12/22/2023 11:11:00	8.5	10.0	1.5	0.02	0.00	-0.02	1.0	WSW
12/22/2023 11:12:00	8.3	9.6	1.3	0.02	0.00	-0.02	1.1	WSW
12/22/2023 11:13:00	8.1	9.2	1.0	0.02	0.00	-0.01	1.1	WSW
12/22/2023 11:14:00	8.0	9.2	1.3	0.02	0.01	-0.01	1.1	W
12/22/2023 11:15:00	7.4	9.2	1.8	0.02	0.01	-0.01	1.1	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 11:16:00	7.5	9.0	1.4	0.02	0.01	-0.01	1.0	ESE
12/22/2023 11:17:00	7.7	9.2	1.4	0.02	0.01	-0.01	1.1	WSW
12/22/2023 11:18:00	7.8	9.3	1.4	0.02	0.01	-0.01	1.1	WSW
12/22/2023 11:19:00	8.2	9.2	1.0	0.02	0.01	-0.01	1.1	WSW
12/22/2023 11:20:00	8.2	9.0	0.9	0.02	0.01	-0.01	1.1	SSW
12/22/2023 11:21:00	8.0	8.8	0.8	0.02	0.01	-0.01	1.1	WSW
12/22/2023 11:22:00	7.8	8.7	1.0	0.02	0.01	-0.01	1.0	W
12/22/2023 11:23:00	8.1	8.7	0.6	0.02	0.01	-0.01	1.0	WSW
12/22/2023 11:24:00	8.2	8.5	0.3	0.02	0.01	-0.01	1.0	WSW
12/22/2023 11:25:00	8.1	8.3	0.2	0.02	0.01	-0.01	1.0	SW
12/22/2023 11:26:00	8.1	8.0	-0.1	0.02	0.01	-0.01	1.0	SW
12/22/2023 11:27:00	8.1	8.0	-0.2	0.02	0.01	-0.01	1.0	SW
12/22/2023 11:28:00	8.2	8.0	-0.1	0.02	0.01	-0.01	1.0	WSW
12/22/2023 11:29:00	8.5	7.7	-0.8	0.02	0.01	-0.01	1.0	ESE
12/22/2023 11:30:00	8.5	7.9	-0.6	0.02	0.01	-0.01	1.0	WSW
12/22/2023 11:31:00	8.6	8.1	-0.4	0.02	0.01	-0.01	1.1	WSW
12/22/2023 11:32:00	8.4	8.0	-0.5	0.02	0.01	-0.01	1.0	SW
12/22/2023 11:33:00	8.4	8.2	-0.2	0.02	0.01	-0.01	1.0	WSW
12/22/2023 11:34:00	8.3	8.7	0.3	0.02	0.01	-0.01	1.0	WSW
12/22/2023 11:35:00	8.5	8.8	0.3	0.02	0.01	-0.01	1.0	WSW
12/22/2023 11:36:00	8.6	8.8	0.2	0.02	0.01	-0.01	1.1	SE
12/22/2023 11:37:00	9.3	9.5	0.1	0.02	0.01	-0.01	1.1	WSW
12/22/2023 11:38:00	9.1	10.9	1.8	0.02	0.01	-0.01	1.1	SW
12/22/2023 11:39:00	8.8	11.9	3.0	0.02	0.01	-0.01	1.1	WSW
12/22/2023 11:40:00	8.7	13.1	4.4	0.02	0.01	-0.01	1.1	WSW
12/22/2023 11:41:00	8.5	13.7	5.2	0.02	0.01	-0.01	1.1	SW
12/22/2023 11:42:00	8.4	14.2	5.8	0.02	0.01	-0.01	1.1	SSW
12/22/2023 11:43:00	8.5	14.7	6.2	0.02	0.01	-0.01	1.0	WNW
12/22/2023 11:44:00	8.2	15.2	7.0	0.02	0.01	-0.01	1.0	SW
12/22/2023 11:45:00	8.6	15.0	6.3	0.02	0.01	-0.01	1.0	ESE
12/22/2023 11:46:00	8.4	16.3	7.9	0.02	0.01	-0.01	1.0	SSW
12/22/2023 11:47:00	8.2	17.5	9.4	0.02	0.01	0.00	1.0	SW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 11:48:00	7.9	18.8	10.8	0.02	0.01	0.00	1.0	W
12/22/2023 11:49:00	7.6	19.1	11.5	0.02	0.01	0.00	1.0	WSW
12/22/2023 11:50:00	7.4	19.2	11.8	0.02	0.01	0.00	1.0	SSE
12/22/2023 11:51:00	7.2	19.3	12.1	0.02	0.02	0.00	1.0	SSW
12/22/2023 11:52:00	6.5	18.8	12.3	0.02	0.02	0.00	1.0	W
12/22/2023 11:53:00	6.1	17.3	11.2	0.02	0.02	0.00	1.0	SW
12/22/2023 11:54:00	6.0	16.2	10.2	0.02	0.02	0.00	0.9	S
12/22/2023 11:55:00	5.9	14.9	9.0	0.01	0.02	0.00	1.0	WSW
12/22/2023 11:56:00	5.9	14.3	8.4	0.01	0.02	0.01	0.9	E
12/22/2023 11:57:00	5.8	13.5	7.6	0.01	0.02	0.00	0.9	W
12/22/2023 11:58:00	5.7	12.5	6.9	0.01	0.02	0.01	0.9	WSW
12/22/2023 11:59:00	5.6	11.8	6.3	0.01	0.02	0.01	1.0	WNW
12/22/2023 12:00:00	4.9	11.8	6.8	0.01	0.02	0.01	1.0	W
12/22/2023 12:01:00	4.9	9.9	5.0	0.01	0.01	0.00	1.0	W
12/22/2023 12:02:00	4.9	8.3	3.4	0.01	0.01	0.00	1.0	SW
12/22/2023 12:03:00	5.0	6.6	1.6	0.01	0.01	0.00	1.0	W
12/22/2023 12:04:00	5.0	5.7	0.8	0.01	0.01	0.00	1.1	W
12/22/2023 12:05:00	4.9	5.3	0.4	0.01	0.01	0.00	1.1	WSW
12/22/2023 12:06:00	4.9	5.0	0.2	0.01	0.00	-0.01	1.0	WSW
12/22/2023 12:07:00	4.8	4.8	-0.1	0.01	0.00	-0.01	1.0	E
12/22/2023 12:08:00	4.9	4.7	-0.2	0.01	0.00	-0.01	1.1	E
12/22/2023 12:09:00	5.0	4.8	-0.3	0.01	0.00	-0.01	1.0	SSW
12/22/2023 12:10:00	5.0	4.8	-0.2	0.01	0.00	-0.01	1.0	E
12/22/2023 12:11:00	5.0	4.8	-0.2	0.01	0.00	-0.01	1.0	WSW
12/22/2023 12:12:00	5.0	4.9	-0.1	0.01	0.00	-0.01	1.1	WSW
12/22/2023 12:13:00	5.2	5.0	-0.2	0.01	0.00	-0.01	1.0	E
12/22/2023 12:14:00	5.1	5.0	-0.2	0.01	0.00	0.00	1.0	SE
12/22/2023 12:15:00	5.1	5.0	-0.1	0.01	0.00	0.00	1.0	E
12/22/2023 12:16:00	5.1	5.0	0.0	0.01	0.01	0.00	1.0	E
12/22/2023 12:17:00	5.1	5.1	0.0	0.01	0.01	0.00	1.0	N
12/22/2023 12:18:00	5.1	5.1	0.0	0.01	0.01	0.00	1.0	SW
12/22/2023 12:19:00	5.1	5.1	0.0	0.01	0.01	0.00	0.9	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 12:20:00	5.1	5.1	0.1	0.01	0.01	0.00	0.9	SSW
12/22/2023 12:21:00	5.1	5.2	0.1	0.01	0.01	0.00	1.0	SSW
12/22/2023 12:22:00	5.2	5.2	0.0	0.01	0.01	0.00	1.0	SSW
12/22/2023 12:23:00	5.2	5.2	0.0	0.01	0.01	0.00	0.9	NNE
12/22/2023 12:24:00	5.1	5.2	0.1	0.01	0.01	0.00	0.9	SSE
12/22/2023 12:25:00	5.2	5.2	-0.1	0.01	0.00	0.00	1.0	W
12/22/2023 12:26:00	5.3	5.2	-0.1	0.01	0.00	0.00	0.9	SW
12/22/2023 12:27:00	5.4	5.1	-0.3	0.01	0.00	0.00	0.9	SSE
12/22/2023 12:28:00	5.3	5.0	-0.3	0.01	0.00	0.00	0.9	SSE
12/22/2023 12:29:00	5.3	5.0	-0.3	0.01	0.00	-0.01	0.9	SSE
12/22/2023 12:30:00	5.4	5.3	-0.1	0.01	0.00	-0.01	0.9	SW
12/22/2023 12:31:00	5.5	5.5	0.0	0.01	0.00	-0.01	0.9	WSW
12/22/2023 12:32:00	5.7	5.5	-0.2	0.01	0.00	-0.01	0.9	E
12/22/2023 12:33:00	5.7	5.7	0.0	0.01	0.00	-0.01	0.9	WSW
12/22/2023 12:34:00	5.7	5.7	0.0	0.01	0.00	-0.01	0.9	WNW
12/22/2023 12:35:00	5.8	6.0	0.1	0.01	0.00	-0.01	0.9	SSW
12/22/2023 12:36:00	5.9	6.0	0.1	0.01	0.00	-0.01	0.9	WSW
12/22/2023 12:37:00	5.9	6.2	0.3	0.01	0.00	-0.01	1.0	SW
12/22/2023 12:38:00	6.0	6.5	0.4	0.01	0.00	-0.01	1.0	WSW
12/22/2023 12:39:00	6.1	6.7	0.6	0.01	0.00	-0.01	1.0	SW
12/22/2023 12:40:00	6.0	7.0	1.0	0.01	0.00	-0.01	0.9	WSW
12/22/2023 12:41:00	6.0	7.2	1.2	0.01	0.00	-0.01	1.0	WSW
12/22/2023 12:42:00	6.0	7.3	1.3	0.01	0.01	-0.01	0.9	W
12/22/2023 12:43:00	6.1	7.5	1.4	0.01	0.01	-0.01	1.0	SW
12/22/2023 12:44:00	6.2	7.6	1.3	0.01	0.01	-0.01	1.0	SSW
12/22/2023 12:45:00	6.4	7.6	1.3	0.01	0.01	-0.01	1.0	SW
12/22/2023 12:46:00	6.4	7.9	1.4	0.01	0.01	-0.01	1.0	WSW
12/22/2023 12:47:00	6.4	8.2	1.7	0.01	0.01	-0.01	1.1	SW
12/22/2023 12:48:00	6.5	8.3	1.8	0.01	0.01	-0.01	1.1	SW
12/22/2023 12:49:00	6.8	8.8	1.9	0.01	0.01	-0.01	1.2	NW
12/22/2023 12:50:00	7.2	9.1	1.8	0.01	0.01	-0.01	1.1	ESE
12/22/2023 12:51:00	7.5	9.2	1.7	0.01	0.01	0.00	1.2	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 12:52:00	7.8	9.3	1.5	0.01	0.01	0.00	1.2	SW
12/22/2023 12:53:00	8.6	9.5	1.0	0.01	0.01	0.00	1.2	SW
12/22/2023 12:54:00	9.1	9.8	0.7	0.01	0.01	0.00	1.2	SW
12/22/2023 12:55:00	9.6	9.8	0.2	0.01	0.01	0.00	1.2	SE
12/22/2023 12:56:00	9.7	10.0	0.3	0.01	0.01	0.00	1.2	WNW
12/22/2023 12:57:00	10.0	10.2	0.2	0.01	0.01	0.00	1.3	NW
12/22/2023 12:58:00	10.2	10.4	0.2	0.01	0.01	0.00	1.2	W
12/22/2023 12:59:00	10.2	10.5	0.2	0.01	0.01	0.00	1.3	ENE
12/22/2023 13:00:00	10.3	10.8	0.5	0.01	0.01	0.00	1.3	WSW
12/22/2023 13:01:00	10.4	13.6	3.2	0.01	0.01	0.00	1.3	SW
12/22/2023 13:02:00	10.6	15.6	4.9	0.01	0.01	0.00	1.3	WSW
12/22/2023 13:03:00	11.5	15.6	4.1	0.01	0.01	0.00	1.2	NNW
12/22/2023 13:04:00	11.4	15.4	4.0	0.01	0.01	0.00	1.3	SW
12/22/2023 13:05:00	11.2	15.8	4.7	0.01	0.01	0.00	1.3	SSW
12/22/2023 13:06:00	11.6	17.9	6.3	0.01	0.01	0.00	1.3	WSW
12/22/2023 13:07:00	11.7	20.4	8.7	0.01	0.01	0.00	1.3	SW
12/22/2023 13:08:00	11.4	20.6	9.2	0.01	0.01	0.00	1.3	WSW
12/22/2023 13:09:00	12.6	20.4	7.8	0.01	0.01	0.00	1.2	ENE
12/22/2023 13:10:00	14.0	20.5	6.5	0.01	0.01	0.00	1.3	ESE
12/22/2023 13:11:00	14.1	21.0	7.0	0.01	0.01	0.00	1.3	W
12/22/2023 13:12:00	13.9	21.1	7.2	0.01	0.01	-0.01	1.3	SW
12/22/2023 13:13:00	13.7	21.0	7.3	0.01	0.01	-0.01	1.3	SW
12/22/2023 13:14:00	13.7	20.9	7.2	0.01	0.01	-0.01	1.3	ESE
12/22/2023 13:15:00	13.8	20.5	6.7	0.01	0.01	-0.01	1.3	SW
12/22/2023 13:16:00	14.3	17.3	3.0	0.01	0.01	-0.01	1.2	WSW
12/22/2023 13:17:00	15.3	15.4	0.0	0.01	0.01	-0.01	1.3	SSW
12/22/2023 13:18:00	14.4	15.2	0.8	0.01	0.01	-0.01	1.3	WSW
12/22/2023 13:19:00	14.3	14.9	0.6	0.01	0.00	-0.01	1.3	SE
12/22/2023 13:20:00	14.1	14.1	0.0	0.01	0.00	-0.01	1.3	W
12/22/2023 13:21:00	13.4	12.2	-1.1	0.01	0.00	-0.01	1.3	SW
12/22/2023 13:22:00	13.0	9.9	-3.1	0.01	0.00	-0.01	1.2	SSE
12/22/2023 13:23:00	12.5	9.7	-2.9	0.01	0.00	-0.01	1.2	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 13:24:00	10.8	9.7	-1.1	0.01	0.00	-0.01	1.3	SSW
12/22/2023 13:25:00	8.9	9.8	0.9	0.01	0.00	-0.01	1.3	WSW
12/22/2023 13:26:00	8.8	9.3	0.5	0.01	0.00	-0.01	1.2	W
12/22/2023 13:27:00	8.7	9.3	0.6	0.01	0.01	-0.01	1.2	SSW
12/22/2023 13:28:00	8.5	9.3	0.8	0.01	0.01	-0.01	1.2	WSW
12/22/2023 13:29:00	8.3	9.3	1.0	0.01	0.01	-0.01	1.1	SSE
12/22/2023 13:30:00	8.1	9.3	1.3	0.01	0.01	-0.01	1.1	WSW
12/22/2023 13:31:00	7.3	9.3	2.0	0.01	0.01	-0.01	1.1	W
12/22/2023 13:32:00	6.0	9.2	3.1	0.01	0.01	-0.01	1.0	W
12/22/2023 13:33:00	5.9	9.2	3.3	0.02	0.01	-0.01	1.0	W
12/22/2023 13:34:00	5.9	9.1	3.2	0.02	0.01	-0.01	1.0	ESE
12/22/2023 13:35:00	5.8	9.4	3.6	0.02	0.01	-0.01	0.9	SW
12/22/2023 13:36:00	5.8	9.6	3.8	0.02	0.01	-0.01	0.9	S
12/22/2023 13:37:00	5.7	9.7	4.0	0.02	0.01	-0.01	0.9	WSW
12/22/2023 13:38:00	5.6	9.9	4.3	0.02	0.01	-0.01	0.9	WSW
12/22/2023 13:39:00	5.6	9.8	4.3	0.02	0.01	-0.01	0.9	WSW
12/22/2023 13:40:00	5.8	9.8	4.0	0.02	0.01	-0.01	0.9	SE
12/22/2023 13:41:00	6.1	9.6	3.5	0.02	0.01	-0.01	0.9	WSW
12/22/2023 13:42:00	6.2	9.4	3.2	0.02	0.01	-0.01	0.9	WSW
12/22/2023 13:43:00	6.4	9.4	3.0	0.02	0.01	-0.01	0.9	W
12/22/2023 13:44:00	6.5	9.4	2.9	0.02	0.01	-0.01	0.9	SW
12/22/2023 13:45:00	6.5	9.4	3.0	0.02	0.01	-0.01	1.0	S
12/22/2023 13:46:00	6.5	9.6	3.1	0.02	0.01	-0.01	0.9	WSW
12/22/2023 13:47:00	6.5	9.7	3.3	0.02	0.01	-0.01	0.9	WSW
12/22/2023 13:48:00	6.5	9.8	3.3	0.01	0.01	-0.01	0.9	SW
12/22/2023 13:49:00	6.6	9.8	3.2	0.01	0.01	-0.01	1.0	E
12/22/2023 13:50:00	6.7	9.6	2.9	0.01	0.01	-0.01	1.0	WSW
12/22/2023 13:51:00	6.8	9.3	2.5	0.01	0.01	-0.01	1.1	WSW
12/22/2023 13:52:00	7.1	8.8	1.8	0.01	0.01	-0.01	1.1	W
12/22/2023 13:53:00	7.3	8.6	1.3	0.01	0.01	-0.01	1.1	WSW
12/22/2023 13:54:00	7.3	8.6	1.3	0.01	0.01	-0.01	1.1	WSW
12/22/2023 13:55:00	7.1	8.5	1.5	0.02	0.01	-0.01	1.0	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 13:56:00	6.6	8.6	2.0	0.02	0.01	-0.01	1.0	W
12/22/2023 13:57:00	6.5	8.7	2.2	0.02	0.01	-0.01	1.0	SW
12/22/2023 13:58:00	6.5	8.8	2.4	0.02	0.01	-0.01	1.0	WSW
12/22/2023 13:59:00	6.4	8.8	2.4	0.02	0.01	-0.01	1.0	S
12/22/2023 14:00:00	6.5	8.8	2.3	0.02	0.01	-0.01	1.0	WSW
12/22/2023 14:01:00	6.7	8.8	2.0	0.02	0.01	-0.01	1.0	NNW
12/22/2023 14:02:00	7.0	8.6	1.6	0.02	0.01	-0.01	1.0	WSW
12/22/2023 14:03:00	7.1	8.6	1.5	0.01	0.01	-0.01	1.0	NNE
12/22/2023 14:04:00	7.0	8.7	1.7	0.02	0.01	-0.01	0.9	SW
12/22/2023 14:05:00	7.3	8.6	1.3	0.02	0.01	-0.01	0.9	W
12/22/2023 14:06:00	7.3	8.6	1.3	0.02	0.01	-0.01	0.9	WSW
12/22/2023 14:07:00	7.2	8.7	1.4	0.02	0.01	-0.01	0.9	WSW
12/22/2023 14:08:00	7.1	8.5	1.4	0.02	0.01	-0.01	0.8	WSW
12/22/2023 14:09:00	7.1	8.6	1.5	0.01	0.01	-0.01	0.9	W
12/22/2023 14:10:00	7.1	8.7	1.6	0.01	0.01	-0.01	1.0	WSW
12/22/2023 14:11:00	7.1	8.5	1.5	0.01	0.00	-0.01	1.0	WSW
12/22/2023 14:12:00	7.1	8.5	1.5	0.01	0.00	-0.01	1.0	WSW
12/22/2023 14:13:00	7.0	8.6	1.5	0.01	0.01	-0.01	1.0	WSW
12/22/2023 14:14:00	7.0	8.7	1.7	0.01	0.01	-0.01	1.0	WSW
12/22/2023 14:15:00	7.0	8.6	1.6	0.01	0.01	0.00	1.0	WSW
12/22/2023 14:16:00	6.8	8.5	1.7	0.01	0.01	0.00	1.0	WSW
12/22/2023 14:17:00	6.7	8.5	1.8	0.01	0.01	0.00	1.0	WSW
12/22/2023 14:18:00	6.7	8.4	1.8	0.01	0.01	0.00	1.0	NNW
12/22/2023 14:19:00	6.7	8.5	1.8	0.01	0.01	0.00	1.0	WSW
12/22/2023 14:20:00	6.5	8.5	1.9	0.01	0.01	0.00	1.0	SE
12/22/2023 14:21:00	6.4	8.3	1.9	0.01	0.01	0.00	1.0	WSW
12/22/2023 14:22:00	6.8	8.3	1.6	0.01	0.01	0.00	1.0	W
12/22/2023 14:23:00	7.2	8.3	1.1	0.01	0.01	0.00	1.0	WSW
12/22/2023 14:24:00	7.3	8.1	0.8	0.01	0.01	0.00	1.0	WSW
12/22/2023 14:25:00	7.4	8.1	0.7	0.01	0.01	0.00	0.9	WSW
12/22/2023 14:26:00	7.9	8.2	0.4	0.01	0.01	0.00	0.9	WSW
12/22/2023 14:27:00	8.4	8.6	0.2	0.01	0.01	0.00	0.9	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 14:28:00	8.8	8.6	-0.2	0.01	0.01	0.00	0.9	NE
12/22/2023 14:29:00	9.1	8.5	-0.6	0.01	0.01	0.00	0.8	WSW
12/22/2023 14:30:00	9.2	8.6	-0.6	0.01	0.01	0.00	0.9	W
12/22/2023 14:31:00	9.5	8.6	-0.9	0.01	0.01	-0.01	0.8	SSE
12/22/2023 14:32:00	9.7	8.6	-1.2	0.01	0.01	-0.01	0.8	W
12/22/2023 14:33:00	9.8	8.6	-1.2	0.01	0.00	-0.01	0.9	WSW
12/22/2023 14:34:00	9.8	8.7	-1.0	0.01	0.00	-0.01	0.9	SW
12/22/2023 14:35:00	9.8	8.9	-1.0	0.01	0.00	-0.01	1.0	WSW
12/22/2023 14:36:00	10.1	9.0	-1.1	0.01	0.00	-0.01	1.0	WSW
12/22/2023 14:37:00	10.3	9.1	-1.3	0.01	0.00	-0.01	1.0	SSE
12/22/2023 14:38:00	10.7	9.1	-1.6	0.01	0.00	-0.01	1.0	WSW
12/22/2023 14:39:00	10.7	9.0	-1.7	0.01	0.00	-0.01	1.0	W
12/22/2023 14:40:00	10.8	9.0	-1.8	0.01	0.00	-0.01	1.0	WSW
12/22/2023 14:41:00	10.5	9.0	-1.5	0.01	0.00	-0.01	1.0	WSW
12/22/2023 14:42:00	10.1	8.6	-1.4	0.01	0.00	-0.01	1.0	W
12/22/2023 14:43:00	9.7	8.6	-1.1	0.01	0.00	-0.01	1.0	W
12/22/2023 14:44:00	9.6	8.7	-0.9	0.01	0.00	-0.01	1.0	SSE
12/22/2023 14:45:00	9.6	8.7	-0.8	0.01	0.01	-0.01	1.0	WSW
12/22/2023 14:46:00	9.2	8.9	-0.3	0.01	0.01	-0.01	1.0	W
12/22/2023 14:47:00	8.8	9.0	0.1	0.01	0.01	-0.01	1.0	WSW
12/22/2023 14:48:00	8.7	9.0	0.3	0.01	0.01	-0.01	0.9	W
12/22/2023 14:49:00	8.5	8.9	0.4	0.01	0.01	-0.01	0.9	WSW
12/22/2023 14:50:00	8.3	8.9	0.6	0.01	0.01	-0.01	0.8	WSW
12/22/2023 14:51:00	8.0	9.0	1.0	0.01	0.01	0.00	0.9	WSW
12/22/2023 14:52:00				0.01	0.01	0.00	0.9	WSW
12/22/2023 14:53:00				0.01	0.01	0.00	0.8	WSW
12/22/2023 14:54:00				0.01	0.01	0.00	0.8	WSW
12/22/2023 14:55:00	4.7	8.8	4.1	0.01	0.01	0.00	0.8	SSW
12/22/2023 14:56:00	4.7	8.9	4.2	0.01	0.01	0.00	0.8	WNW
12/22/2023 14:57:00	4.5	8.8	4.2	0.01	0.01	0.00	0.8	W
12/22/2023 14:58:00	4.6	8.4	3.8	0.01	0.01	0.00	0.8	W
12/22/2023 14:59:00	4.6	8.1	3.5	0.01	0.01	0.00	0.8	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 15:00:00	4.5	7.9	3.3	0.01	0.01	0.00	0.8	SE
12/22/2023 15:01:00	4.6	7.8	3.3	0.01	0.01	0.00	0.8	WSW
12/22/2023 15:02:00	4.5	8.0	3.5	0.01	0.01	0.00	0.8	WSW
12/22/2023 15:03:00	4.5	8.4	3.9	0.01	0.01	0.00	0.8	W
12/22/2023 15:04:00	4.6	8.6	4.0	0.01	0.01	0.00	0.8	W
12/22/2023 15:05:00	4.6	8.7	4.2	0.01	0.01	0.01	0.9	WSW
12/22/2023 15:06:00	4.5	8.6	4.0	0.01	0.01	0.01	0.8	WSW
12/22/2023 15:07:00	4.5	8.6	4.0	0.01	0.01	0.01	0.8	WSW
12/22/2023 15:08:00	4.5	8.6	4.0	0.01	0.02	0.01	0.9	WSW
12/22/2023 15:09:00	4.5	8.5	3.9	0.01	0.02	0.01	0.9	WSW
12/22/2023 15:10:00	4.5	8.5	3.9	0.01	0.02	0.01	0.9	W
12/22/2023 15:11:00	4.5	8.4	3.9	0.01	0.02	0.01	0.9	WSW
12/22/2023 15:12:00	4.5	8.4	3.9	0.01	0.02	0.01	0.9	WSW
12/22/2023 15:13:00	4.5	8.5	4.0	0.01	0.02	0.01	0.9	W
12/22/2023 15:14:00	4.5	8.6	4.2	0.01	0.02	0.01	0.9	WSW
12/22/2023 15:15:00	4.5	8.7	4.2	0.01	0.02	0.01	1.0	W
12/22/2023 15:16:00	4.5	8.6	4.2	0.01	0.02	0.01	1.0	WSW
12/22/2023 15:17:00	4.5	8.5	4.0	0.01	0.02	0.01	1.0	W
12/22/2023 15:18:00	4.4	8.3	3.9	0.01	0.02	0.01	0.9	W
12/22/2023 15:19:00	4.3	8.1	3.8	0.01	0.02	0.01	0.9	WSW
12/22/2023 15:20:00	4.3	8.1	3.7	0.01	0.02	0.01	0.9	WSW
12/22/2023 15:21:00	4.3	8.3	4.0	0.01	0.02	0.01	0.9	WSW
12/22/2023 15:22:00	4.2	8.2	4.0	0.01	0.01	0.00	0.9	W
12/22/2023 15:23:00	4.2	8.1	3.9	0.01	0.01	0.00	0.9	W
12/22/2023 15:24:00	4.2	8.0	3.8	0.01	0.01	0.00	0.9	WSW
12/22/2023 15:25:00	4.2	7.8	3.5	0.01	0.01	0.00	1.0	WSW
12/22/2023 15:26:00	4.2	7.7	3.5	0.01	0.01	0.00	1.0	WSW
12/22/2023 15:27:00	4.1	7.7	3.6	0.01	0.01	0.00	1.0	WSW
12/22/2023 15:28:00	4.0	7.5	3.5	0.01	0.01	0.00	1.0	WSW
12/22/2023 15:29:00	3.9	7.5	3.6	0.01	0.01	0.00	1.0	WSW
12/22/2023 15:30:00	3.8	7.4	3.7	0.01	0.01	0.00	1.0	WSW
12/22/2023 15:31:00	3.7	7.5	3.8	0.01	0.01	0.00	1.0	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 15:32:00	3.8	7.1	3.4	0.01	0.01	0.00	1.0	SE
12/22/2023 15:33:00	3.7	6.9	3.2	0.01	0.01	0.00	1.0	W
12/22/2023 15:34:00	3.6	6.7	3.1	0.01	0.01	0.00	1.0	WSW
12/22/2023 15:35:00	3.6	6.5	2.9	0.01	0.00	0.00	1.0	W
12/22/2023 15:36:00	3.5	6.2	2.7	0.01	0.00	-0.01	1.0	WSW
12/22/2023 15:37:00	3.5	6.2	2.8	0.01	0.00	-0.01	1.0	WSW
12/22/2023 15:38:00	3.4	6.2	2.8	0.01	0.00	-0.01	1.0	WSW
12/22/2023 15:39:00	3.6	6.3	2.6	0.01	0.00	-0.01	0.9	WSW
12/22/2023 15:40:00	3.8	6.4	2.5	0.01	0.00	-0.01	0.9	NE
12/22/2023 15:41:00	3.9	6.6	2.7	0.01	0.00	-0.01	0.9	W
12/22/2023 15:42:00	4.1	6.6	2.5	0.01	0.00	-0.01	0.8	S
12/22/2023 15:43:00	4.2	6.6	2.4	0.01	0.00	-0.01	0.8	WSW
12/22/2023 15:44:00	4.5	6.3	1.9	0.01	0.00	-0.01	0.8	N
12/22/2023 15:45:00	4.7	6.4	1.7	0.01	0.00	-0.01	0.7	WSW
12/22/2023 15:46:00	4.8	6.5	1.6	0.01	0.00	-0.01	0.8	W
12/22/2023 15:47:00	4.8	6.9	2.1	0.01	0.00	-0.01	0.8	WSW
12/22/2023 15:48:00	5.4	6.8	1.4	0.01	0.00	-0.01	0.7	NE
12/22/2023 15:49:00	5.5	7.2	1.7	0.01	0.00	-0.01	0.7	W
12/22/2023 15:50:00	5.8	7.8	2.0	0.01	0.00	-0.01	0.7	SW
12/22/2023 15:51:00	6.4	8.7	2.3	0.01	0.00	-0.01	0.7	WSW
12/22/2023 15:52:00	7.1	9.1	1.9	0.01	0.00	0.00	0.7	WSW
12/22/2023 15:53:00	7.5	9.2	1.7	0.01	0.00	0.00	0.7	W
12/22/2023 15:54:00	7.5	9.4	1.9	0.01	0.00	0.00	0.7	W
12/22/2023 15:55:00	7.7	9.6	1.9	0.01	0.00	0.00	0.8	WSW
12/22/2023 15:56:00	8.1	9.4	1.3	0.01	0.00	0.00	0.8	WSW
12/22/2023 15:57:00	8.1	9.3	1.3	0.00	0.00	0.00	0.8	WSW
12/22/2023 15:58:00	8.0	9.6	1.6	0.00	0.00	0.00	0.8	SW
12/22/2023 15:59:00	8.6	9.6	0.9	0.00	0.00	0.00	0.8	E
12/22/2023 16:00:00	8.4	10.8	2.4	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:01:00	8.3	11.9	3.7	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:02:00	9.5	11.6	2.1	0.00	0.00	0.00	0.8	ENE
12/22/2023 16:03:00	9.7	11.7	2.0	0.00	0.00	0.00	0.9	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 16:04:00	10.2	11.2	0.9	0.00	0.00	0.00	0.9	E
12/22/2023 16:05:00	10.7	10.4	-0.3	0.00	0.00	0.00	1.0	ESE
12/22/2023 16:06:00	10.1	10.1	0.0	0.00	0.00	0.00	0.9	WSW
12/22/2023 16:07:00	10.0	9.4	-0.6	0.00	0.00	0.00	0.9	ENE
12/22/2023 16:08:00	9.5	9.5	0.0	0.00	0.00	0.00	0.9	W
12/22/2023 16:09:00	9.2	9.6	0.4	0.00	0.00	0.00	0.9	SW
12/22/2023 16:10:00	8.8	10.4	1.6	0.00	0.00	0.00	0.8	W
12/22/2023 16:11:00	8.5	11.8	3.3	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:12:00	8.6	12.2	3.6	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:13:00	8.7	12.2	3.6	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:14:00	7.9	12.8	4.9	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:15:00	7.9	11.7	3.7	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:16:00	7.9	10.3	2.5	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:17:00	6.5	10.4	3.9	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:18:00	5.8	10.4	4.7	0.00	0.00	0.00	0.8	S
12/22/2023 16:19:00	5.0	10.4	5.4	0.00	0.00	0.00	0.7	WSW
12/22/2023 16:20:00	4.3	10.4	6.1	0.00	0.00	0.00	0.7	SE
12/22/2023 16:21:00	4.3	9.6	5.3	0.00	0.00	0.00	0.7	SW
12/22/2023 16:22:00	3.8	9.7	5.9	0.00	0.00	0.00	0.7	ENE
12/22/2023 16:23:00	3.9	9.2	5.3	0.00	0.00	0.00	0.7	NNE
12/22/2023 16:24:00	3.9	8.7	4.8	0.00	0.00	0.00	0.7	WSW
12/22/2023 16:25:00	3.8	7.5	3.7	0.00	0.00	0.00	0.7	WSW
12/22/2023 16:26:00	3.5	5.9	2.4	0.00	0.00	0.00	0.7	WSW
12/22/2023 16:27:00	3.3	5.4	2.1	0.00	0.00	0.00	0.6	W
12/22/2023 16:28:00	3.3	4.9	1.6	0.00	0.00	0.00	0.6	WSW
12/22/2023 16:29:00	3.4	4.4	1.0	0.00	0.00	0.00	0.6	W
12/22/2023 16:30:00	3.4	4.0	0.6	0.00	0.00	0.00	0.6	W
12/22/2023 16:31:00	3.5	3.9	0.4	0.00	0.00	0.00	0.6	W
12/22/2023 16:32:00	3.5	3.8	0.3	0.00	0.00	0.00	0.5	WSW
12/22/2023 16:33:00	3.5	3.8	0.3	0.00	0.00	0.00	0.5	SSW
12/22/2023 16:34:00	3.5	3.9	0.4	0.00	0.00	0.00	0.5	WSW
12/22/2023 16:35:00	3.4	4.0	0.6	0.00	0.00	0.00	0.5	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 16:36:00	3.6	3.9	0.3	0.00	0.00	0.00	0.5	WSW
12/22/2023 16:37:00	3.7	4.1	0.4	0.00	0.00	0.00	0.6	WSW
12/22/2023 16:38:00	3.7	4.2	0.5	0.00	0.00	0.00	0.6	SW
12/22/2023 16:39:00	3.7	4.4	0.7	0.00	0.00	0.00	0.6	S
12/22/2023 16:40:00	3.8	4.5	0.8	0.00	0.00	0.00	0.6	SW
12/22/2023 16:41:00	3.8	4.4	0.6	0.00	0.00	0.00	0.6	W
12/22/2023 16:42:00	3.9	4.5	0.5	0.00	0.00	0.00	0.6	WNW
12/22/2023 16:43:00	3.9	4.5	0.5	0.00	0.00	0.00	0.6	ENE
12/22/2023 16:44:00	3.8	4.4	0.5	0.00	0.00	0.00	0.6	NNE
12/22/2023 16:45:00	3.8	4.4	0.6	0.00	0.00	0.00	0.6	WSW
12/22/2023 16:46:00	3.8	4.5	0.7	0.00	0.00	0.00	0.6	E
12/22/2023 16:47:00	3.9	4.7	0.8	0.00	0.00	0.00	0.6	E
12/22/2023 16:48:00	4.0	4.8	0.7	0.00	0.00	0.00	0.7	W
12/22/2023 16:49:00	4.2	4.7	0.5	0.00	0.00	0.00	0.8	WSW
12/22/2023 16:50:00	4.4	5.0	0.6	0.00	0.00	0.00	0.8	ENE
12/22/2023 16:51:00	4.3	5.1	0.8	0.00	0.00	0.00	0.7	ESE
12/22/2023 16:52:00	4.3	5.1	0.8	0.00	0.00	0.00	0.7	E
12/22/2023 16:53:00	4.4	5.2	0.8	0.01	0.00	0.00	0.7	NNW
12/22/2023 16:54:00	4.6	5.1	0.5	0.01	0.01	0.00	0.6	WSW
12/22/2023 16:55:00	4.7	5.0	0.3	0.01	0.01	0.00	0.7	W
12/22/2023 16:56:00	4.7	5.0	0.3	0.01	0.01	0.00	0.7	WSW
12/22/2023 16:57:00	4.6	5.0	0.4	0.01	0.01	0.00	0.7	W
12/22/2023 16:58:00	4.5	5.0	0.5	0.01	0.01	0.00	0.7	WSW
12/22/2023 16:59:00	4.6	5.1	0.5	0.01	0.01	0.00	0.8	W
12/22/2023 17:00:00	4.7	5.2	0.5	0.01	0.01	0.00	0.7	WSW
12/22/2023 17:01:00	4.7	5.1	0.4	0.01	0.01	0.00	0.7	WSW
12/22/2023 17:02:00	4.7	5.0	0.3	0.01	0.01	0.00	0.7	W
12/22/2023 17:03:00	4.7	5.0	0.3	0.01	0.01	0.00	0.7	W
12/22/2023 17:04:00	4.6	5.1	0.5	0.01	0.01	0.00	0.6	WSW
12/22/2023 17:05:00	4.5	4.9	0.3	0.01	0.01	0.00	0.7	WSW
12/22/2023 17:06:00	4.5	4.8	0.3	0.01	0.01	0.00	0.7	W
12/22/2023 17:07:00	4.3	4.8	0.5	0.01	0.01	0.00	0.7	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 17:08:00	4.2	4.8	0.6	0.01	0.01	0.00	0.7	WSW
12/22/2023 17:09:00	4.1	4.7	0.6	0.01	0.01	-0.01	0.7	ENE
12/22/2023 17:10:00	4.1	4.8	0.7	0.01	0.00	-0.01	0.7	S
12/22/2023 17:11:00	4.1	4.7	0.6	0.01	0.00	-0.01	0.7	ESE
12/22/2023 17:12:00	4.2	4.8	0.6	0.01	0.00	-0.01	0.6	W
12/22/2023 17:13:00	4.2	4.8	0.6	0.01	0.00	-0.01	0.6	WSW
12/22/2023 17:14:00	4.4	5.0	0.6	0.01	0.00	-0.01	0.6	W
12/22/2023 17:15:00	4.7	5.5	0.8	0.01	0.00	-0.01	0.6	WSW
12/22/2023 17:16:00	4.9	5.9	1.0	0.01	0.00	-0.01	0.6	WSW
12/22/2023 17:17:00	5.2	6.0	0.8	0.01	0.00	0.00	0.7	WSW
12/22/2023 17:18:00	5.4	6.3	0.9	0.01	0.00	-0.01	0.6	NW
12/22/2023 17:19:00	5.6	6.6	1.1	0.01	0.00	-0.01	0.6	WSW
12/22/2023 17:20:00	5.7	6.6	1.0	0.01	0.01	-0.01	0.6	WSW
12/22/2023 17:21:00	5.7	6.6	0.9	0.01	0.01	-0.01	0.6	WSW
12/22/2023 17:22:00	5.7	6.6	0.9	0.02	0.01	-0.01	0.6	WSW
12/22/2023 17:23:00	5.7	6.4	0.7	0.02	0.01	-0.01	0.6	WSW
12/22/2023 17:24:00	5.6	6.4	0.8	0.02	0.01	-0.01	0.6	WSW
12/22/2023 17:25:00	5.6	6.4	0.8	0.02	0.02	0.00	0.6	WSW
12/22/2023 17:26:00	5.6	6.4	0.9	0.03	0.04	0.01	0.7	WSW
12/22/2023 17:27:00	5.5	6.4	0.9	0.03	0.04	0.01	0.7	SW
12/22/2023 17:28:00	5.5	6.3	0.8	0.03	0.04	0.01	0.7	WSW
12/22/2023 17:29:00	5.2	6.2	0.9	0.03	0.04	0.01	0.7	WSW
12/22/2023 17:30:00	4.9	5.7	0.7	0.03	0.04	0.01	0.7	WSW
12/22/2023 17:31:00	4.7	5.2	0.5	0.03	0.04	0.01	0.7	W
12/22/2023 17:32:00	4.5	5.1	0.7	0.03	0.04	0.01	0.7	W
12/22/2023 17:33:00	4.3	4.9	0.6	0.04	0.04	0.00	0.8	SW
12/22/2023 17:34:00	4.1	4.6	0.5	0.04	0.04	0.00	0.7	SW
12/22/2023 17:35:00	4.1	4.8	0.7	0.04	0.04	0.00	0.7	WSW
12/22/2023 17:36:00	4.1	5.2	1.1	0.04	0.04	0.00	0.7	W
12/22/2023 17:37:00	4.2	5.3	1.1	0.03	0.04	0.00	0.7	W
12/22/2023 17:38:00	4.3	5.3	1.0	0.03	0.04	0.00	0.7	ENE
12/22/2023 17:39:00							0.7	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/22/2023 17:40:00							0.7	ESE
12/22/2023 17:41:00							0.7	WSW