

**DAILY FIELD REPORT 151**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	December 23, 2023
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	8:40 am to 4:20 pm
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**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

**Langan Field Personnel:**  
Mat Frankel (Environmental)

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

**Foundation Contractor:** Urban Foundation/Engineering (Urban)

**Work Activities Performed:**

- Urban continued excavating an about 30-foot-long by 20-foot-wide area around existing caissons from about 32 feet below grade surface (bgs) to about 35 feet bgs in the central part of 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 backfilled previously imported 0.75-inch stone in an about 28-foot-long by 18-foot-wide area in the central part of grid WC06\_30-35.
- Urban graded an about 60-foot-long by 20-foot-wide area in the southern part of grids WC02 and WC03 to prepare for equipment mobilization.
- Excavated and graded 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.

**Material Tracking:**

- No soil/fill was exported from the site.
- No material was imported to the site.

Materials Export Summary								
<b>Facility Name</b>	<i>Bayshore Soil Management, LLC</i>		<i>Clean Earth of Carteret, LLC</i>		<i>PPark NJ</i>		<i>Faztec Solutions</i>	
<b>Location</b>	<i>Keasbey, NJ</i>		<i>Carteret, NJ</i>		<i>Prospect Park, NJ</i>		<i>Staten Island, NY</i>	
<b>Type of Waste</b>	<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>C&amp;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)
	0	-	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		
<b>Facility Name</b>	<i>Dale Transfer Corp.</i>	
<b>Location</b>	<i>West Babylon, NY</i>	
<b>Type of Waste</b>	<i>Concrete</i>	
Today	Number of Loads	Approx. Volume (CY)
	0	-
Total	Number of Loads	Approx. Volume (CY)
	2	40

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

**Samples Collected:**

- No samples were collected.

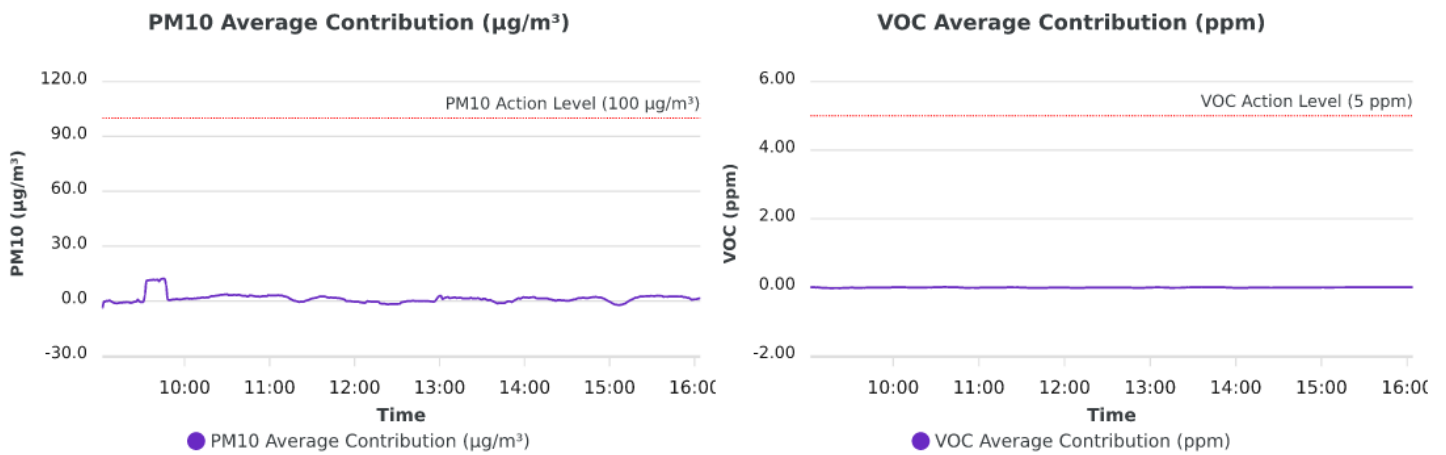
**Air Monitoring:**

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/m<sup>3</sup> 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/m<sup>3</sup> or 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m <sup>3</sup> )		Organic Vapor Monitoring (ppm)	
Daily Background	11.9	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-4.0	VOC Average Site Contribution (Minimum)	-0.03
PM10 Average Site Contribution (Maximum)	12.3	VOC Average Site Contribution (Maximum)	0.01

µg/m<sup>3</sup>: micrograms per cubic meter.

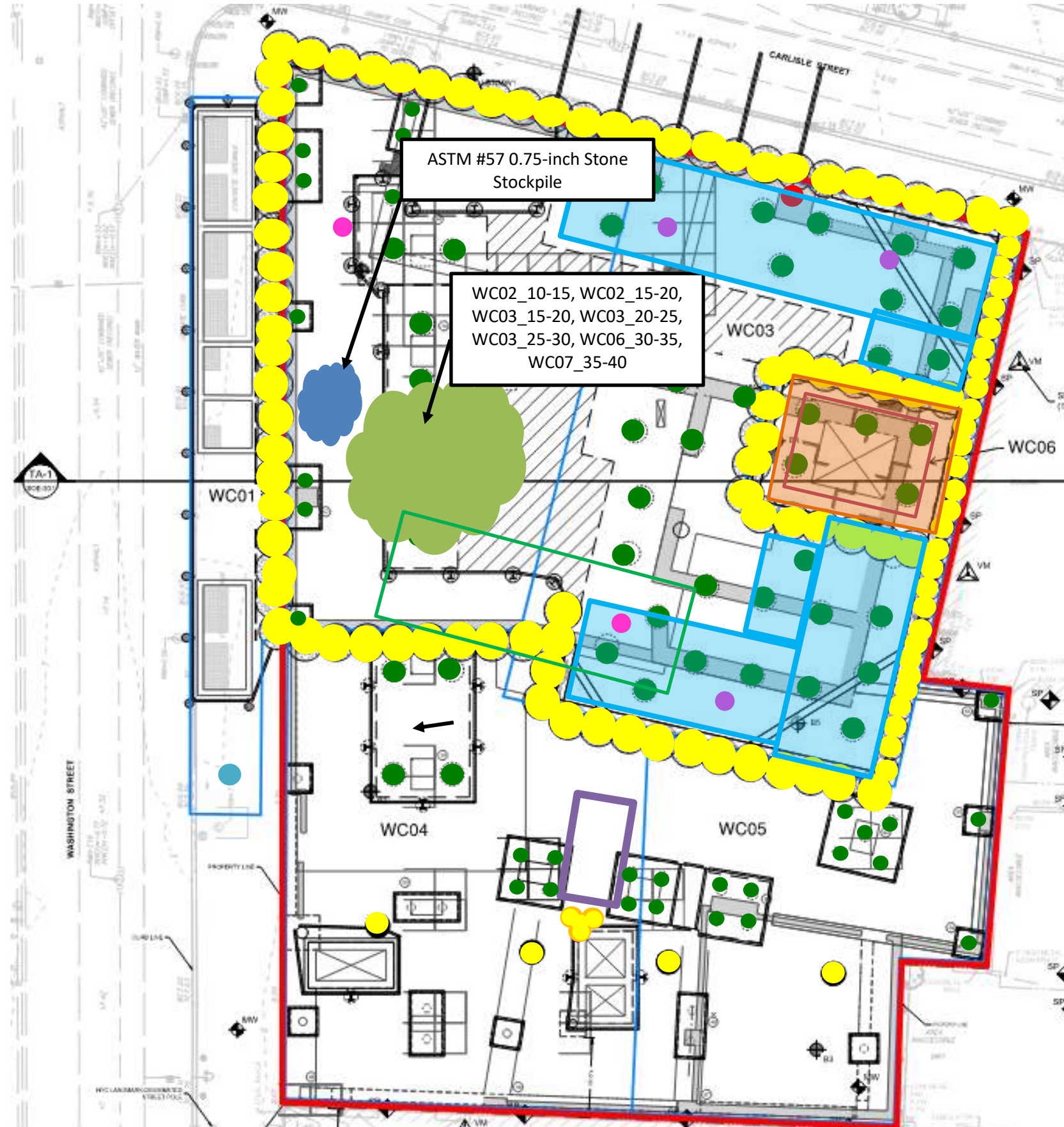
ppm: parts per million.



**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 Urban excavating soil/fill in grid WC06\_30-35 (facing southwest).



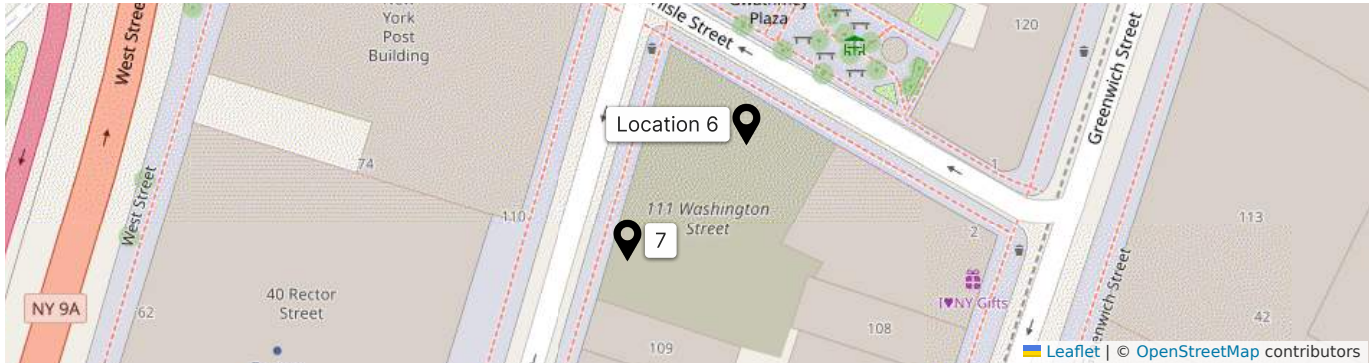
**Photo 2:** View of Urban backfilling previously imported 0.75-inch stone in grid WC06\_30-35 (facing south).



<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	12/23/2023 06:00
		<b>To:</b>	12/23/2023 19:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

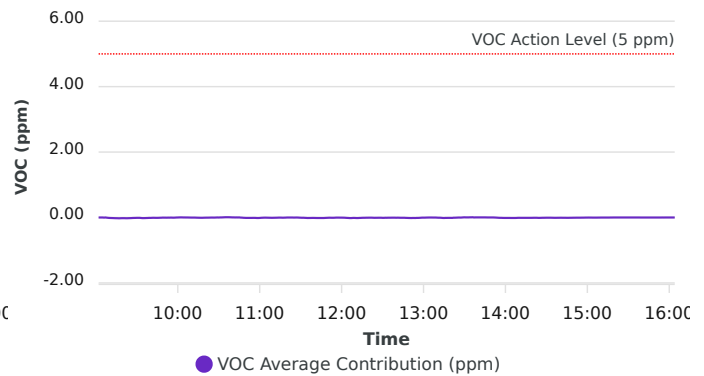
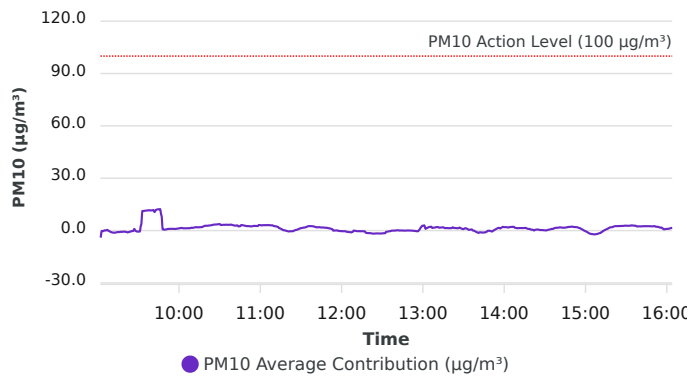
<b>Daily Environmental Summary</b>	<b>Windspeed (mph)</b>	<b>Prevailing wind direction</b>
12/23/2023	0.2-2.1	WSW

<b>Daily Monitoring Summary</b>	<b>PM10 (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Time</b>	<b>VOC (ppm)</b>	<b>Time</b>
<b>Min Contribution (15 min avg.) - 12/23/2023</b>	-4.0	09:02	-0.03	09:17
<b>Max Contribution (15 min avg.) - 12/23/2023</b>	12.3	09:46	0.01	10:35

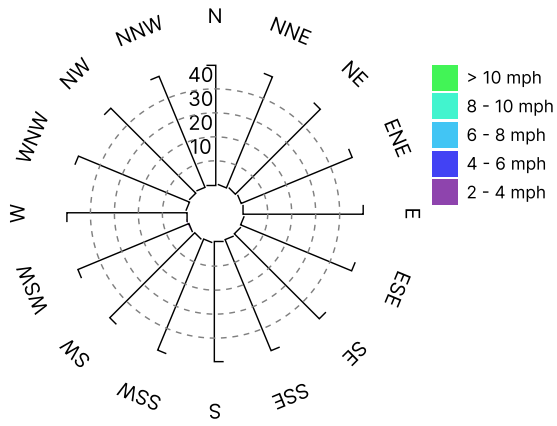


**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**

**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
12/23/2023 08:59:00							0.2	ENE
12/23/2023 09:00:00							0.3	SE
12/23/2023 09:01:00							0.6	WSW
12/23/2023 09:02:00	11.9	7.8	-4.0	0.00	0.00	0.00	0.5	WSW
12/23/2023 09:03:00	9.6	9.4	-0.2	0.00	0.00	0.00	0.5	ESE
12/23/2023 09:04:00	9.8	9.5	-0.3	0.00	0.00	0.00	0.5	SW
12/23/2023 09:05:00	10.0	10.1	0.1	0.00	0.00	0.00	0.5	WSW
12/23/2023 09:06:00	9.9	9.9	0.1	0.00	0.00	0.00	0.5	WNW
12/23/2023 09:07:00	9.6	10.0	0.4	0.00	0.00	0.00	0.5	SE
12/23/2023 09:08:00	9.7	9.6	-0.1	0.01	0.00	-0.01	0.5	WSW
12/23/2023 09:09:00	9.9	9.4	-0.6	0.01	0.00	-0.01	0.5	W
12/23/2023 09:10:00	10.0	9.1	-0.9	0.02	0.00	-0.01	0.5	SSW
12/23/2023 09:11:00	10.0	8.8	-1.1	0.02	0.00	-0.02	0.5	NW
12/23/2023 09:12:00	9.9	8.7	-1.2	0.02	0.00	-0.02	0.5	W
12/23/2023 09:13:00	9.9	8.7	-1.1	0.02	0.00	-0.02	0.5	WSW
12/23/2023 09:14:00	9.8	8.8	-1.0	0.02	0.00	-0.02	0.6	SW
12/23/2023 09:15:00	9.8	9.0	-0.8	0.02	0.00	-0.02	0.6	W
12/23/2023 09:16:00	9.8	9.0	-0.9	0.03	0.00	-0.02	0.6	WSW
12/23/2023 09:17:00	9.7	9.0	-0.7	0.03	0.00	-0.03	0.6	WSW
12/23/2023 09:18:00	9.7	8.9	-0.7	0.03	0.00	-0.02	0.6	ENE
12/23/2023 09:19:00	9.5	8.9	-0.6	0.03	0.01	-0.02	0.6	E
12/23/2023 09:20:00	9.3	8.6	-0.7	0.03	0.01	-0.02	0.6	SE
12/23/2023 09:21:00	9.3	8.5	-0.8	0.03	0.01	-0.02	0.6	W
12/23/2023 09:22:00	9.4	8.3	-1.0	0.03	0.01	-0.02	0.7	SW
12/23/2023 09:23:00	9.3	8.4	-0.8	0.03	0.01	-0.02	0.7	WSW
12/23/2023 09:24:00	9.0	8.4	-0.6	0.03	0.01	-0.02	0.7	W
12/23/2023 09:25:00	8.9	8.5	-0.3	0.03	0.01	-0.02	0.7	W
12/23/2023 09:26:00	8.9	8.6	-0.3	0.03	0.01	-0.02	0.7	W
12/23/2023 09:27:00	8.8	9.7	0.9	0.03	0.01	-0.01	0.7	E
12/23/2023 09:28:00	9.9	9.7	-0.2	0.03	0.01	-0.01	0.7	W
12/23/2023 09:29:00	10.1	9.5	-0.6	0.03	0.01	-0.01	0.8	WSW
12/23/2023 09:30:00	10.1	9.5	-0.6	0.03	0.02	-0.01	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
12/23/2023 09:31:00	10.1	9.6	-0.5	0.03	0.02	-0.01	0.7	W
12/23/2023 09:32:00	10.0	13.1	3.1	0.03	0.02	-0.01	0.7	W
12/23/2023 09:33:00	10.0	21.2	11.2	0.03	0.01	-0.01	0.7	W
12/23/2023 09:34:00	10.0	21.3	11.3	0.03	0.01	-0.02	0.7	W
12/23/2023 09:35:00	10.0	21.4	11.4	0.03	0.01	-0.02	0.7	W
12/23/2023 09:36:00	9.9	21.4	11.5	0.03	0.01	-0.02	0.7	ENE
12/23/2023 09:37:00	9.9	21.4	11.5	0.03	0.01	-0.02	0.6	E
12/23/2023 09:38:00	9.8	21.5	11.7	0.03	0.01	-0.01	0.6	SSW
12/23/2023 09:39:00	9.9	21.4	11.5	0.03	0.02	-0.01	0.6	ENE
12/23/2023 09:40:00	9.9	21.4	11.6	0.03	0.01	-0.01	0.6	W
12/23/2023 09:41:00	9.7	21.4	11.8	0.03	0.01	-0.01	0.6	NNE
12/23/2023 09:42:00	9.7	20.4	10.7	0.02	0.01	-0.01	0.6	E
12/23/2023 09:43:00	8.5	20.4	11.8	0.02	0.01	-0.01	0.6	W
12/23/2023 09:44:00	8.2	20.4	12.1	0.02	0.01	-0.01	0.5	WSW
12/23/2023 09:45:00	8.1	20.3	12.2	0.02	0.01	-0.01	0.5	W
12/23/2023 09:46:00	8.0	20.3	12.3	0.02	0.01	-0.01	0.5	WNW
12/23/2023 09:47:00	8.0	16.9	8.8	0.02	0.02	-0.01	0.6	WSW
12/23/2023 09:48:00	8.0	8.8	0.7	0.02	0.02	-0.01	0.6	SW
12/23/2023 09:49:00	8.2	8.7	0.6	0.02	0.02	0.00	0.6	WSW
12/23/2023 09:50:00	8.3	8.8	0.6	0.02	0.02	-0.01	0.6	W
12/23/2023 09:51:00	8.3	9.0	0.8	0.02	0.02	-0.01	0.6	WSW
12/23/2023 09:52:00	8.2	9.1	1.0	0.03	0.02	-0.01	0.6	W
12/23/2023 09:53:00	8.2	9.1	1.0	0.03	0.02	0.00	0.6	WSW
12/23/2023 09:54:00	8.1	9.1	1.0	0.03	0.02	-0.01	0.6	SE
12/23/2023 09:55:00	8.1	9.1	1.0	0.03	0.02	0.00	0.6	WSW
12/23/2023 09:56:00	8.2	9.2	1.0	0.03	0.02	-0.01	0.7	WSW
12/23/2023 09:57:00	8.3	9.3	0.9	0.03	0.02	-0.01	0.7	W
12/23/2023 09:58:00	8.3	9.3	1.0	0.03	0.02	0.00	0.7	WSW
12/23/2023 09:59:00	8.3	9.4	1.2	0.03	0.03	0.00	0.7	WSW
12/23/2023 10:00:00	8.2	9.4	1.2	0.03	0.03	0.00	0.7	WSW
12/23/2023 10:01:00	8.1	9.5	1.4	0.03	0.03	0.00	0.8	WSW
12/23/2023 10:02:00	8.0	9.5	1.5	0.03	0.03	0.00	0.8	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
12/23/2023 10:03:00	8.1	9.4	1.3	0.03	0.03	0.00	0.8	W
12/23/2023 10:04:00	8.1	9.5	1.3	0.03	0.03	0.00	0.8	W
12/23/2023 10:05:00	8.2	9.5	1.3	0.03	0.03	0.00	0.8	WSW
12/23/2023 10:06:00	8.1	9.4	1.3	0.03	0.03	0.00	0.8	WSW
12/23/2023 10:07:00	8.0	9.4	1.4	0.03	0.03	0.00	0.8	WSW
12/23/2023 10:08:00	7.9	9.3	1.3	0.02	0.02	0.00	0.8	SW
12/23/2023 10:09:00	7.8	9.4	1.6	0.02	0.02	0.00	0.8	WSW
12/23/2023 10:10:00	7.7	9.3	1.6	0.02	0.02	0.00	0.8	WSW
12/23/2023 10:11:00	7.5	9.2	1.7	0.02	0.02	0.00	0.8	WSW
12/23/2023 10:12:00	7.3	9.2	1.9	0.02	0.02	0.00	0.8	W
12/23/2023 10:13:00	7.3	9.2	1.9	0.02	0.02	0.00	0.8	WSW
12/23/2023 10:14:00	7.3	9.1	1.9	0.03	0.02	-0.01	0.8	WSW
12/23/2023 10:15:00	7.2	9.1	1.9	0.03	0.02	-0.01	0.8	W
12/23/2023 10:16:00	7.1	9.1	2.0	0.02	0.02	-0.01	0.8	SW
12/23/2023 10:17:00	7.1	9.1	2.0	0.02	0.01	-0.01	0.8	W
12/23/2023 10:18:00	7.0	9.4	2.4	0.02	0.01	-0.01	0.8	W
12/23/2023 10:19:00	6.8	9.5	2.7	0.02	0.01	-0.01	0.8	W
12/23/2023 10:20:00	6.7	9.5	2.8	0.02	0.01	-0.01	0.8	W
12/23/2023 10:21:00	6.8	9.5	2.8	0.02	0.01	-0.01	0.8	WSW
12/23/2023 10:22:00	6.8	9.7	2.9	0.02	0.02	-0.01	0.8	WSW
12/23/2023 10:23:00	6.9	9.9	3.0	0.02	0.02	0.00	0.8	WSW
12/23/2023 10:24:00	7.0	10.0	3.0	0.02	0.02	0.00	0.7	WSW
12/23/2023 10:25:00	7.0	10.3	3.3	0.02	0.02	0.00	0.7	WSW
12/23/2023 10:26:00	7.1	10.6	3.4	0.02	0.02	0.00	0.6	W
12/23/2023 10:27:00	7.3	10.8	3.5	0.03	0.02	0.00	0.6	SW
12/23/2023 10:28:00	7.4	10.9	3.5	0.03	0.02	0.00	0.6	WSW
12/23/2023 10:29:00	7.5	11.1	3.6	0.03	0.03	0.00	0.6	WSW
12/23/2023 10:30:00	7.6	11.3	3.7	0.03	0.03	0.00	0.6	WSW
12/23/2023 10:31:00	8.0	11.1	3.2	0.03	0.03	0.00	0.6	ESE
12/23/2023 10:32:00	8.0	11.3	3.3	0.03	0.03	0.00	0.6	WSW
12/23/2023 10:33:00	8.0	11.3	3.3	0.03	0.04	0.00	0.6	WSW
12/23/2023 10:34:00	8.1	11.4	3.3	0.04	0.04	0.01	0.6	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
12/23/2023 10:35:00	8.1	11.5	3.4	0.04	0.04	0.01	0.7	WSW
12/23/2023 10:36:00	8.2	11.5	3.3	0.04	0.04	0.01	0.6	WSW
12/23/2023 10:37:00	8.3	11.5	3.3	0.04	0.04	0.01	0.6	WSW
12/23/2023 10:38:00	8.3	11.7	3.4	0.04	0.04	0.01	0.7	W
12/23/2023 10:39:00	8.4	11.7	3.3	0.04	0.04	0.01	0.7	W
12/23/2023 10:40:00	8.4	11.5	3.0	0.04	0.04	0.00	0.7	WSW
12/23/2023 10:41:00	8.5	11.4	2.9	0.04	0.04	0.00	0.8	WSW
12/23/2023 10:42:00	8.4	11.2	2.9	0.04	0.04	0.00	0.8	WSW
12/23/2023 10:43:00	8.3	11.3	3.0	0.04	0.04	0.00	0.8	WSW
12/23/2023 10:44:00	8.6	11.0	2.4	0.04	0.04	0.00	0.8	ESE
12/23/2023 10:45:00	8.6	11.1	2.5	0.04	0.04	0.00	0.8	WSW
12/23/2023 10:46:00	8.3	11.5	3.1	0.04	0.03	0.00	0.8	WSW
12/23/2023 10:47:00	8.4	11.4	3.1	0.04	0.03	-0.01	0.8	WSW
12/23/2023 10:48:00	8.4	11.3	2.9	0.04	0.03	-0.01	0.8	WSW
12/23/2023 10:49:00	8.4	11.1	2.7	0.04	0.03	-0.01	0.8	WSW
12/23/2023 10:50:00	8.3	10.9	2.6	0.04	0.02	-0.01	0.8	W
12/23/2023 10:51:00	8.3	10.8	2.5	0.04	0.02	-0.01	0.8	W
12/23/2023 10:52:00	8.3	10.8	2.5	0.04	0.02	-0.01	0.9	WSW
12/23/2023 10:53:00	8.2	10.5	2.4	0.04	0.02	-0.01	0.9	WSW
12/23/2023 10:54:00	8.0	10.5	2.5	0.04	0.02	-0.01	0.8	WNW
12/23/2023 10:55:00	7.9	10.5	2.6	0.03	0.02	-0.01	0.8	W
12/23/2023 10:56:00	7.7	10.4	2.7	0.03	0.02	-0.01	0.8	WSW
12/23/2023 10:57:00	7.7	10.3	2.6	0.03	0.02	-0.01	0.8	W
12/23/2023 10:58:00	7.6	10.2	2.6	0.03	0.02	-0.02	0.8	W
12/23/2023 10:59:00	7.3	10.5	3.2	0.03	0.02	-0.02	0.8	W
12/23/2023 11:00:00	7.3	10.4	3.1	0.03	0.02	-0.01	0.9	WSW
12/23/2023 11:01:00	7.2	10.2	3.0	0.03	0.02	-0.01	0.9	WSW
12/23/2023 11:02:00	7.1	10.1	3.1	0.03	0.02	-0.01	0.9	WNW
12/23/2023 11:03:00	6.9	10.0	3.1	0.03	0.02	-0.01	0.8	W
12/23/2023 11:04:00	6.9	10.0	3.1	0.03	0.02	-0.01	0.8	W
12/23/2023 11:05:00	7.0	10.1	3.1	0.02	0.02	-0.01	0.8	WSW
12/23/2023 11:06:00	6.9	10.1	3.2	0.02	0.02	-0.01	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
12/23/2023 11:07:00	6.9	9.9	3.0	0.02	0.02	-0.01	0.9	WSW
12/23/2023 11:08:00	6.9	9.9	3.0	0.02	0.01	-0.01	0.9	WSW
12/23/2023 11:09:00	6.9	9.8	3.0	0.03	0.01	-0.01	0.9	SSE
12/23/2023 11:10:00	7.0	9.6	2.6	0.02	0.01	-0.01	0.9	ESE
12/23/2023 11:11:00	7.1	9.6	2.5	0.02	0.01	-0.01	0.8	W
12/23/2023 11:12:00	7.3	9.6	2.4	0.02	0.02	-0.01	0.8	WSW
12/23/2023 11:13:00	7.6	9.6	2.0	0.02	0.02	-0.01	0.8	W
12/23/2023 11:14:00	8.1	9.5	1.4	0.02	0.02	0.00	0.8	WSW
12/23/2023 11:15:00	8.4	9.5	1.1	0.02	0.02	0.00	0.8	W
12/23/2023 11:16:00	8.6	9.3	0.7	0.02	0.02	-0.01	0.8	SSW
12/23/2023 11:17:00	8.9	9.1	0.2	0.03	0.02	-0.01	0.9	SW
12/23/2023 11:18:00	9.1	9.2	0.1	0.02	0.02	-0.01	0.9	ESE
12/23/2023 11:19:00	9.2	9.1	-0.1	0.02	0.02	0.00	0.8	E
12/23/2023 11:20:00	9.2	8.8	-0.3	0.02	0.02	0.00	0.9	ESE
12/23/2023 11:21:00	9.1	8.6	-0.5	0.02	0.02	0.00	0.8	WSW
12/23/2023 11:22:00	9.1	8.7	-0.4	0.02	0.02	0.00	0.8	SW
12/23/2023 11:23:00	9.1	8.7	-0.4	0.02	0.02	0.00	0.8	WSW
12/23/2023 11:24:00	9.1	8.7	-0.4	0.02	0.02	0.00	0.8	WSW
12/23/2023 11:25:00	8.9	8.9	0.0	0.02	0.02	0.00	0.8	WSW
12/23/2023 11:26:00	8.8	9.1	0.3	0.02	0.02	0.00	0.8	SSE
12/23/2023 11:27:00	8.6	9.1	0.5	0.02	0.02	0.00	0.8	WSW
12/23/2023 11:28:00	8.3	9.1	0.8	0.02	0.02	0.00	0.8	WSW
12/23/2023 11:29:00	7.9	9.0	1.2	0.02	0.01	-0.01	0.8	W
12/23/2023 11:30:00	7.7	9.1	1.4	0.02	0.01	-0.01	0.8	WSW
12/23/2023 11:31:00	7.7	9.2	1.5	0.02	0.01	-0.01	0.8	WSW
12/23/2023 11:32:00	7.5	9.2	1.7	0.02	0.01	-0.01	0.8	WSW
12/23/2023 11:33:00	7.3	9.0	1.8	0.02	0.01	-0.01	0.8	WSW
12/23/2023 11:34:00	7.1	9.1	2.1	0.02	0.01	-0.01	0.8	WSW
12/23/2023 11:35:00	6.9	9.4	2.4	0.02	0.00	-0.02	0.8	SSW
12/23/2023 11:36:00	6.9	9.5	2.5	0.02	0.01	-0.01	0.8	W
12/23/2023 11:37:00	7.0	9.5	2.6	0.02	0.01	-0.01	0.8	W
12/23/2023 11:38:00	7.0	9.5	2.5	0.02	0.01	-0.01	0.8	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
12/23/2023 11:39:00	7.0	9.4	2.5	0.02	0.01	-0.01	0.8	WSW
12/23/2023 11:40:00	7.0	9.2	2.2	0.02	0.01	-0.01	0.7	W
12/23/2023 11:41:00	7.0	9.0	2.0	0.02	0.01	-0.01	0.7	WSW
12/23/2023 11:42:00	7.0	8.8	1.8	0.02	0.00	-0.02	0.7	WSW
12/23/2023 11:43:00	6.9	8.8	2.0	0.02	0.00	-0.02	0.7	WSW
12/23/2023 11:44:00	6.8	8.6	1.9	0.02	0.00	-0.02	0.8	WSW
12/23/2023 11:45:00	6.6	8.3	1.7	0.02	0.00	-0.02	0.7	WSW
12/23/2023 11:46:00	6.3	8.1	1.8	0.02	0.00	-0.02	0.7	SSE
12/23/2023 11:47:00	6.2	7.9	1.7	0.02	0.00	-0.02	0.7	WSW
12/23/2023 11:48:00	6.2	7.8	1.6	0.02	0.01	-0.01	0.7	E
12/23/2023 11:49:00	6.2	7.8	1.6	0.02	0.01	-0.01	0.7	ENE
12/23/2023 11:50:00	6.2	7.6	1.4	0.02	0.01	-0.01	0.6	ESE
12/23/2023 11:51:00	6.2	7.4	1.3	0.01	0.01	-0.01	0.6	E
12/23/2023 11:52:00	6.1	7.2	1.1	0.01	0.01	-0.01	0.6	W
12/23/2023 11:53:00	6.1	7.0	0.8	0.01	0.01	-0.01	0.6	WNW
12/23/2023 11:54:00	6.9	6.8	0.0	0.01	0.01	-0.01	0.6	S
12/23/2023 11:55:00	6.8	6.9	0.1	0.01	0.01	-0.01	0.6	NE
12/23/2023 11:56:00	6.8	6.8	0.1	0.01	0.01	0.00	0.6	E
12/23/2023 11:57:00	6.7	6.8	0.1	0.01	0.01	0.00	0.6	WSW
12/23/2023 11:58:00	6.7	6.5	-0.2	0.01	0.01	0.00	0.6	SW
12/23/2023 11:59:00	6.7	6.5	-0.3	0.01	0.01	-0.01	0.5	WSW
12/23/2023 12:00:00	6.8	6.5	-0.3	0.01	0.01	-0.01	0.5	W
12/23/2023 12:01:00	6.8	6.5	-0.4	0.01	0.01	-0.01	0.6	WSW
12/23/2023 12:02:00	6.8	6.4	-0.4	0.01	0.01	-0.01	0.6	WSW
12/23/2023 12:03:00	6.8	6.4	-0.4	0.02	0.01	-0.01	0.6	WSW
12/23/2023 12:04:00	6.8	6.1	-0.7	0.02	0.01	-0.01	0.6	WSW
12/23/2023 12:05:00	6.8	6.0	-0.8	0.02	0.00	-0.01	0.6	WSW
12/23/2023 12:06:00	6.9	6.0	-0.9	0.02	0.00	-0.02	0.6	WSW
12/23/2023 12:07:00	7.0	6.0	-1.0	0.02	0.00	-0.02	0.6	WSW
12/23/2023 12:08:00	6.9	6.1	-0.8	0.02	0.00	-0.01	0.6	ENE
12/23/2023 12:09:00	6.1	6.1	0.0	0.02	0.01	-0.01	0.6	ENE
12/23/2023 12:10:00	6.2	6.0	-0.1	0.02	0.00	-0.01	0.6	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
12/23/2023 12:11:00	6.3	6.0	-0.3	0.02	0.00	-0.02	0.6	W
12/23/2023 12:12:00	6.4	6.1	-0.4	0.02	0.00	-0.02	0.6	W
12/23/2023 12:13:00	6.4	6.1	-0.3	0.02	0.00	-0.01	0.6	ENE
12/23/2023 12:14:00	6.4	6.0	-0.4	0.02	0.00	-0.01	0.6	WSW
12/23/2023 12:15:00	6.4	6.0	-0.4	0.01	0.01	-0.01	0.6	ESE
12/23/2023 12:16:00	6.4	6.0	-0.4	0.01	0.01	-0.01	0.6	SSW
12/23/2023 12:17:00	6.5	6.0	-0.5	0.01	0.01	-0.01	0.6	WSW
12/23/2023 12:18:00	7.3	6.0	-1.3	0.01	0.01	-0.01	0.6	WSW
12/23/2023 12:19:00	7.5	6.1	-1.4	0.01	0.01	-0.01	0.6	WSW
12/23/2023 12:20:00	7.6	6.1	-1.5	0.01	0.01	-0.01	0.6	W
12/23/2023 12:21:00	7.6	6.2	-1.5	0.01	0.01	-0.01	0.6	WNW
12/23/2023 12:22:00	7.8	6.2	-1.6	0.01	0.01	-0.01	0.6	S
12/23/2023 12:23:00	8.0	6.2	-1.8	0.01	0.00	-0.01	0.6	WSW
12/23/2023 12:24:00	8.0	6.3	-1.7	0.01	0.00	-0.01	0.6	W
12/23/2023 12:25:00	8.0	6.3	-1.7	0.01	0.00	-0.01	0.6	NE
12/23/2023 12:26:00	8.0	6.3	-1.6	0.01	0.00	-0.01	0.6	WSW
12/23/2023 12:27:00	8.0	6.4	-1.6	0.01	0.00	-0.01	0.6	SW
12/23/2023 12:28:00	8.0	6.3	-1.7	0.01	0.00	-0.01	0.6	NNE
12/23/2023 12:29:00	8.0	6.3	-1.7	0.01	0.00	-0.01	0.6	SSW
12/23/2023 12:30:00	8.0	6.4	-1.6	0.01	0.00	-0.01	0.6	WSW
12/23/2023 12:31:00	8.0	6.4	-1.5	0.01	0.00	-0.01	0.6	S
12/23/2023 12:32:00	8.0	6.5	-1.5	0.01	0.00	-0.01	0.6	E
12/23/2023 12:33:00	7.2	6.5	-0.7	0.01	0.00	-0.01	0.6	SW
12/23/2023 12:34:00	7.0	6.5	-0.6	0.01	0.00	-0.01	0.6	E
12/23/2023 12:35:00	6.9	6.5	-0.4	0.01	0.00	-0.01	0.6	WSW
12/23/2023 12:36:00	6.8	6.5	-0.3	0.01	0.00	-0.01	0.6	W
12/23/2023 12:37:00	6.5	6.5	0.0	0.01	0.00	-0.01	0.6	W
12/23/2023 12:38:00	6.4	6.4	0.0	0.01	0.00	-0.01	0.6	WSW
12/23/2023 12:39:00	6.4	6.4	0.0	0.01	0.00	-0.01	0.6	WSW
12/23/2023 12:40:00	6.4	6.5	0.0	0.01	0.00	-0.01	0.6	W
12/23/2023 12:41:00	6.3	6.5	0.2	0.01	0.01	-0.01	0.6	NE
12/23/2023 12:42:00	6.3	6.4	0.1	0.01	0.01	-0.01	0.6	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
12/23/2023 12:43:00	6.4	6.4	0.0	0.01	0.00	-0.01	0.7	WNW
12/23/2023 12:44:00	6.5	6.5	0.1	0.01	0.00	-0.01	0.7	WSW
12/23/2023 12:45:00	6.5	6.5	0.1	0.01	0.00	-0.01	0.7	SW
12/23/2023 12:46:00	6.6	6.5	0.0	0.01	0.00	-0.01	0.7	SSW
12/23/2023 12:47:00	6.6	6.5	0.0	0.01	0.00	-0.01	0.7	W
12/23/2023 12:48:00	6.6	6.6	0.0	0.01	0.00	-0.01	0.7	SW
12/23/2023 12:49:00	6.6	6.7	0.1	0.02	0.00	-0.01	0.7	SSE
12/23/2023 12:50:00	6.6	6.6	0.0	0.02	0.00	-0.02	0.7	WSW
12/23/2023 12:51:00	6.6	6.6	0.0	0.02	0.00	-0.02	0.7	NW
12/23/2023 12:52:00	6.6	6.6	0.0	0.02	0.00	-0.01	0.7	E
12/23/2023 12:53:00	6.7	6.5	-0.1	0.02	0.00	-0.01	0.7	W
12/23/2023 12:54:00				0.02	0.00	-0.02	0.6	W
12/23/2023 12:55:00				0.02	0.00	-0.01	0.6	NNW
12/23/2023 12:56:00	6.6	6.2	-0.4	0.02	0.00	-0.01	0.6	NNW
12/23/2023 12:57:00				0.02	0.01	-0.01	0.6	ESE
12/23/2023 12:58:00				0.01	0.01	-0.01	0.6	NNW
12/23/2023 12:59:00				0.01	0.01	-0.01	0.6	ENE
12/23/2023 13:00:00	3.5	6.3	2.8	0.01	0.01	-0.01	0.6	SW
12/23/2023 13:01:00	3.5	6.5	2.9	0.01	0.01	-0.01	0.6	SW
12/23/2023 13:02:00	4.3	5.4	1.1	0.01	0.01	0.00	0.6	SE
12/23/2023 13:03:00	4.2	5.6	1.4	0.01	0.01	0.00	0.6	WSW
12/23/2023 13:04:00	3.9	5.8	1.9	0.01	0.01	0.00	0.6	WNW
12/23/2023 13:05:00	3.7	5.8	2.0	0.01	0.01	0.00	0.6	SSE
12/23/2023 13:06:00	3.5	5.8	2.2	0.01	0.01	0.00	0.6	WSW
12/23/2023 13:07:00	3.9	5.4	1.5	0.01	0.01	0.00	0.7	SE
12/23/2023 13:08:00	3.7	5.4	1.7	0.01	0.01	0.00	0.7	W
12/23/2023 13:09:00	3.6	5.4	1.8	0.01	0.01	0.00	0.7	S
12/23/2023 13:10:00	3.5	5.5	2.0	0.01	0.01	-0.01	0.7	SSE
12/23/2023 13:11:00	3.5	5.5	2.0	0.01	0.01	-0.01	0.7	SSW
12/23/2023 13:12:00	3.7	5.3	1.7	0.01	0.01	-0.01	0.7	E
12/23/2023 13:13:00	3.6	5.3	1.7	0.01	0.01	-0.01	0.8	SW
12/23/2023 13:14:00	3.6	5.4	1.8	0.02	0.00	-0.01	0.8	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
12/23/2023 13:15:00	3.5	5.4	1.9	0.02	0.00	-0.02	0.8	W
12/23/2023 13:16:00	3.7	5.1	1.4	0.02	0.01	-0.01	0.7	E
12/23/2023 13:17:00	3.6	5.1	1.4	0.02	0.01	-0.01	0.7	N
12/23/2023 13:18:00	3.6	5.0	1.4	0.02	0.01	-0.01	0.8	WSW
12/23/2023 13:19:00	3.6	4.9	1.4	0.02	0.01	-0.01	0.8	W
12/23/2023 13:20:00	3.6	4.9	1.4	0.02	0.01	-0.01	0.8	WSW
12/23/2023 13:21:00	3.6	5.0	1.4	0.02	0.01	-0.01	0.8	SSE
12/23/2023 13:22:00	3.4	5.3	1.9	0.02	0.02	-0.01	0.8	SW
12/23/2023 13:23:00	3.7	5.2	1.5	0.03	0.02	-0.01	0.8	E
12/23/2023 13:24:00	3.9	5.3	1.5	0.03	0.02	-0.01	0.8	E
12/23/2023 13:25:00	4.0	5.3	1.4	0.03	0.02	0.00	0.7	WSW
12/23/2023 13:26:00	3.9	5.3	1.4	0.03	0.03	0.00	0.8	WSW
12/23/2023 13:27:00	3.7	5.4	1.7	0.03	0.02	0.00	0.8	WSW
12/23/2023 13:28:00	3.9	5.2	1.3	0.03	0.02	0.00	0.8	ESE
12/23/2023 13:29:00	4.1	5.0	0.9	0.02	0.03	0.00	0.8	E
12/23/2023 13:30:00	4.1	5.0	0.9	0.02	0.03	0.01	0.8	SW
12/23/2023 13:31:00	3.9	5.2	1.3	0.02	0.02	0.00	0.8	SSW
12/23/2023 13:32:00	3.9	5.2	1.3	0.02	0.02	0.00	0.8	E
12/23/2023 13:33:00	4.2	5.0	0.8	0.02	0.02	0.00	0.8	ENE
12/23/2023 13:34:00	4.4	4.8	0.4	0.02	0.02	0.01	0.8	E
12/23/2023 13:35:00	4.4	4.9	0.5	0.02	0.02	0.01	0.8	WSW
12/23/2023 13:36:00	4.4	5.1	0.7	0.01	0.02	0.01	0.8	WSW
12/23/2023 13:37:00	4.8	4.9	0.0	0.01	0.01	0.00	0.8	ESE
12/23/2023 13:38:00	5.0	4.8	-0.2	0.01	0.01	0.00	0.8	E
12/23/2023 13:39:00	5.0	4.4	-0.6	0.01	0.01	0.00	0.8	ENE
12/23/2023 13:40:00	5.2	4.2	-1.0	0.01	0.01	0.00	0.9	ESE
12/23/2023 13:41:00	5.6	4.2	-1.3	0.01	0.01	0.00	0.8	ESE
12/23/2023 13:42:00	5.5	4.6	-1.0	0.01	0.01	0.00	0.8	WNW
12/23/2023 13:43:00	5.6	4.6	-1.0	0.01	0.01	0.00	0.8	E
12/23/2023 13:44:00	5.7	4.5	-1.2	0.01	0.01	0.00	0.8	ENE
12/23/2023 13:45:00	5.5	4.5	-1.1	0.01	0.01	0.00	0.8	W
12/23/2023 13:46:00	5.5	4.4	-1.1	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
12/23/2023 13:47:00	5.2	4.6	-0.7	0.01	0.01	0.00	0.8	WSW
12/23/2023 13:48:00	4.9	4.7	-0.1	0.01	0.01	0.00	0.8	WNW
12/23/2023 13:49:00	4.7	4.7	-0.1	0.01	0.01	0.00	0.7	N
12/23/2023 13:50:00	4.7	4.4	-0.3	0.01	0.01	0.00	0.7	WNW
12/23/2023 13:51:00	4.5	4.0	-0.5	0.01	0.01	0.00	0.7	W
12/23/2023 13:52:00	4.0	4.0	0.0	0.01	0.01	0.00	0.8	WSW
12/23/2023 13:53:00	3.5	4.0	0.4	0.01	0.00	0.00	0.8	WSW
12/23/2023 13:54:00	3.2	4.1	0.9	0.01	0.00	-0.01	0.9	WSW
12/23/2023 13:55:00	2.9	4.2	1.3	0.01	0.00	-0.01	0.9	SSW
12/23/2023 13:56:00	2.5	4.1	1.6	0.01	0.00	-0.01	0.9	WSW
12/23/2023 13:57:00	2.4	3.6	1.2	0.01	0.00	-0.01	1.0	WSW
12/23/2023 13:58:00	2.0	3.7	1.7	0.01	0.00	-0.01	0.9	W
12/23/2023 13:59:00	1.7	3.8	2.1	0.01	0.00	-0.01	1.0	WSW
12/23/2023 14:00:00	1.6	3.6	2.0	0.01	0.00	-0.01	1.0	WSW
12/23/2023 14:01:00	1.6	3.5	1.9	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:02:00	1.5	3.4	1.9	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:03:00	1.6	3.3	1.7	0.01	0.00	-0.01	1.1	W
12/23/2023 14:04:00	1.5	3.5	2.0	0.01	0.00	-0.01	1.2	WSW
12/23/2023 14:05:00	1.4	3.5	2.1	0.01	0.00	-0.01	1.3	WSW
12/23/2023 14:06:00	1.4	3.5	2.1	0.01	0.00	-0.01	1.3	W
12/23/2023 14:07:00	1.5	3.6	2.1	0.01	0.00	-0.01	1.2	WSW
12/23/2023 14:08:00	2.0	3.6	1.6	0.01	0.00	-0.01	1.1	SW
12/23/2023 14:09:00	2.2	3.6	1.4	0.01	0.00	-0.01	1.1	NE
12/23/2023 14:10:00	2.2	3.6	1.4	0.01	0.00	-0.01	1.0	WSW
12/23/2023 14:11:00	2.2	3.6	1.4	0.01	0.00	-0.01	1.0	WSW
12/23/2023 14:12:00	2.1	3.6	1.5	0.01	0.00	-0.01	1.0	WSW
12/23/2023 14:13:00	2.2	3.6	1.4	0.01	0.00	-0.01	0.9	WSW
12/23/2023 14:14:00	2.2	3.7	1.4	0.01	0.00	-0.01	0.9	WSW
12/23/2023 14:15:00	2.2	3.7	1.5	0.01	0.00	-0.01	0.9	WSW
12/23/2023 14:16:00	2.3	3.7	1.5	0.01	0.00	-0.01	0.8	WSW
12/23/2023 14:17:00	2.6	3.8	1.1	0.01	0.00	-0.01	0.8	W
12/23/2023 14:18:00	2.8	3.8	0.9	0.01	0.00	-0.01	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
12/23/2023 14:19:00	2.9	3.7	0.9	0.01	0.00	-0.01	0.7	WSW
12/23/2023 14:20:00	3.2	3.7	0.5	0.01	0.00	-0.01	0.7	WSW
12/23/2023 14:21:00	3.5	4.0	0.5	0.01	0.00	-0.01	0.6	E
12/23/2023 14:22:00	4.0	4.1	0.1	0.01	0.00	-0.01	0.6	W
12/23/2023 14:23:00	3.7	4.1	0.5	0.01	0.00	-0.01	0.7	WSW
12/23/2023 14:24:00	3.6	4.2	0.6	0.01	0.00	-0.01	0.7	WSW
12/23/2023 14:25:00	3.6	4.3	0.6	0.01	0.00	-0.01	0.7	SW
12/23/2023 14:26:00	3.9	4.3	0.4	0.01	0.00	-0.01	0.8	WSW
12/23/2023 14:27:00	4.0	4.3	0.3	0.01	0.00	-0.01	0.8	W
12/23/2023 14:28:00	4.0	4.3	0.3	0.01	0.00	-0.01	0.9	W
12/23/2023 14:29:00	4.0	4.3	0.2	0.01	0.00	-0.01	0.9	WSW
12/23/2023 14:30:00	4.1	4.2	0.2	0.01	0.00	-0.01	0.9	SW
12/23/2023 14:31:00	4.1	4.2	0.1	0.01	0.00	-0.01	0.9	WSW
12/23/2023 14:32:00	3.9	4.2	0.3	0.01	0.00	-0.01	1.0	W
12/23/2023 14:33:00	3.7	4.2	0.5	0.01	0.00	-0.01	1.0	WSW
12/23/2023 14:34:00	3.5	4.2	0.7	0.01	0.00	-0.01	1.0	WSW
12/23/2023 14:35:00	3.2	4.2	1.0	0.01	0.00	-0.01	1.0	WSW
12/23/2023 14:36:00	3.0	3.9	0.9	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:37:00	2.4	3.8	1.4	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:38:00	2.3	3.8	1.6	0.01	0.00	-0.01	1.1	W
12/23/2023 14:39:00	2.2	3.8	1.6	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:40:00	2.1	3.8	1.7	0.01	0.00	-0.01	1.1	SSW
12/23/2023 14:41:00	2.0	3.8	1.9	0.01	0.00	-0.01	1.1	SSW
12/23/2023 14:42:00	2.1	3.9	1.8	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:43:00	2.3	3.9	1.6	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:44:00	2.3	3.9	1.6	0.01	0.00	-0.01	1.1	W
12/23/2023 14:45:00	2.2	3.9	1.7	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:46:00	2.1	4.0	1.8	0.01	0.00	-0.01	1.1	W
12/23/2023 14:47:00	2.0	4.0	2.0	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:48:00	1.9	4.0	2.1	0.01	0.00	-0.01	1.1	W
12/23/2023 14:49:00	1.9	4.1	2.1	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:50:00	1.9	4.2	2.3	0.01	0.00	-0.01	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
12/23/2023 14:51:00	2.1	4.2	2.1	0.01	0.00	-0.01	1.1	W
12/23/2023 14:52:00	2.3	4.3	2.0	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:53:00	2.5	4.4	2.0	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:54:00	2.5	4.4	1.9	0.01	0.00	-0.01	1.0	W
12/23/2023 14:55:00	2.8	4.4	1.6	0.01	0.00	-0.01	1.1	WSW
12/23/2023 14:56:00	3.1	4.4	1.4	0.01	0.00	-0.01	1.2	W
12/23/2023 14:57:00	3.5	4.4	0.9	0.01	0.00	-0.01	1.1	W
12/23/2023 14:58:00	4.0	4.5	0.5	0.00	0.00	0.00	1.1	WSW
12/23/2023 14:59:00	4.6	4.6	0.0	0.00	0.00	0.00	1.1	W
12/23/2023 15:00:00	5.1	4.7	-0.4	0.00	0.00	0.00	1.0	NW
12/23/2023 15:01:00	5.5	4.8	-0.7	0.00	0.00	0.00	1.1	WSW
12/23/2023 15:02:00	6.0	4.8	-1.2	0.00	0.00	0.00	1.1	W
12/23/2023 15:03:00	6.5	4.8	-1.7	0.00	0.00	0.00	1.0	W
12/23/2023 15:04:00	6.9	5.0	-1.9	0.00	0.00	0.00	1.0	WSW
12/23/2023 15:05:00	7.4	5.4	-2.0	0.00	0.00	0.00	1.0	WSW
12/23/2023 15:06:00	7.6	5.5	-2.1	0.00	0.00	0.00	1.1	WSW
12/23/2023 15:07:00	7.7	5.5	-2.2	0.00	0.00	0.00	1.0	WSW
12/23/2023 15:08:00	7.6	5.6	-2.0	0.00	0.00	0.00	1.0	S
12/23/2023 15:09:00	7.6	5.7	-1.9	0.00	0.00	0.00	1.0	WSW
12/23/2023 15:10:00	7.3	5.7	-1.6	0.00	0.00	0.00	0.9	WSW
12/23/2023 15:11:00	7.0	5.7	-1.4	0.00	0.00	0.00	0.9	SSE
12/23/2023 15:12:00	6.6	5.7	-0.8	0.00	0.00	0.00	0.9	W
12/23/2023 15:13:00	6.0	5.7	-0.3	0.00	0.00	0.00	0.9	WSW
12/23/2023 15:14:00	5.3	5.5	0.2	0.00	0.00	0.00	1.0	WSW
12/23/2023 15:15:00	4.8	5.4	0.6	0.00	0.00	0.00	1.0	WSW
12/23/2023 15:16:00	4.3	5.3	0.9	0.00	0.00	0.00	1.0	WSW
12/23/2023 15:17:00	3.8	5.2	1.4	0.00	0.00	0.00	1.0	SSW
12/23/2023 15:18:00	3.3	5.0	1.8	0.00	0.00	0.00	1.1	WSW
12/23/2023 15:19:00	2.9	4.8	1.9	0.00	0.00	0.00	1.0	WSW
12/23/2023 15:20:00	2.4	4.4	2.0	0.00	0.00	0.00	1.1	WSW
12/23/2023 15:21:00	1.9	4.3	2.4	0.00	0.00	0.00	1.1	WSW
12/23/2023 15:22:00	1.6	4.2	2.6	0.00	0.00	0.00	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
12/23/2023 15:23:00	1.4	3.9	2.5	0.00	0.00	0.00	1.1	W
12/23/2023 15:24:00	1.3	3.9	2.6	0.00	0.00	0.00	1.1	WSW
12/23/2023 15:25:00	1.2	3.8	2.6	0.00	0.00	0.00	1.1	WSW
12/23/2023 15:26:00	1.1	3.7	2.6	0.00	0.00	0.00	1.1	W
12/23/2023 15:27:00	0.9	3.5	2.6	0.00	0.00	0.00	1.1	WSW
12/23/2023 15:28:00	0.8	3.5	2.7	0.00	0.00	0.00	1.0	SSE
12/23/2023 15:29:00	0.6	3.5	2.8	0.00	0.00	0.00	0.9	WSW
12/23/2023 15:30:00	0.7	3.4	2.8	0.00	0.00	0.00	0.9	W
12/23/2023 15:31:00	0.7	3.5	2.8	0.00	0.00	0.00	0.8	WSW
12/23/2023 15:32:00	0.8	3.5	2.8	0.00	0.00	0.00	0.8	W
12/23/2023 15:33:00	0.8	3.6	2.8	0.00	0.00	0.00	0.8	WSW
12/23/2023 15:34:00	0.6	3.6	3.0	0.00	0.00	0.00	0.7	W
12/23/2023 15:35:00	0.6	3.5	2.9	0.00	0.00	0.00	0.8	WSW
12/23/2023 15:36:00	0.7	3.5	2.8	0.00	0.00	0.00	0.8	WSW
12/23/2023 15:37:00	0.7	3.4	2.8	0.00	0.00	0.00	0.8	WNW
12/23/2023 15:38:00	0.8	3.2	2.4	0.00	0.00	0.00	0.8	ESE
12/23/2023 15:39:00	0.8	3.2	2.4	0.00	0.00	0.00	0.7	WNW
12/23/2023 15:40:00	0.8	3.2	2.4	0.00	0.00	0.00	0.7	W
12/23/2023 15:41:00	0.8	3.2	2.4	0.00	0.00	0.00	0.8	W
12/23/2023 15:42:00	0.8	3.3	2.5	0.00	0.00	0.00	0.7	WNW
12/23/2023 15:43:00	0.8	3.3	2.5	0.00	0.00	0.00	0.7	WSW
12/23/2023 15:44:00	0.8	3.3	2.5	0.00	0.00	0.00	0.8	WSW
12/23/2023 15:45:00	0.8	3.3	2.5	0.00	0.00	0.00	0.8	W
12/23/2023 15:46:00	0.8	3.3	2.5	0.00	0.00	0.00	0.8	WSW
12/23/2023 15:47:00	0.7	3.2	2.5	0.00	0.00	0.00	0.9	SSW
12/23/2023 15:48:00	0.8	3.2	2.5	0.00	0.00	0.00	0.9	W
12/23/2023 15:49:00	0.8	3.2	2.4	0.00	0.00	0.00	0.9	WSW
12/23/2023 15:50:00	0.8	3.3	2.5	0.00	0.00	0.00	0.9	W
12/23/2023 15:51:00	0.8	3.3	2.5	0.00	0.00	0.00	0.9	W
12/23/2023 15:52:00	0.9	3.1	2.2	0.00	0.00	0.00	0.8	ESE
12/23/2023 15:53:00	0.9	3.1	2.2	0.00	0.00	0.00	0.8	E
12/23/2023 15:54:00	1.0	3.0	2.1	0.00	0.00	0.00	0.8	W

Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/23/2023 15:55:00	1.2	2.8	1.7	0.00	0.00	0.00	0.8	ESE
12/23/2023 15:56:00	1.2	2.9	1.7	0.00	0.00	0.00	0.7	W
12/23/2023 15:57:00	1.5	2.7	1.2	0.00	0.00	0.00	0.7	E
12/23/2023 15:58:00	1.8	2.5	0.7	0.00	0.00	0.00	0.7	ESE
12/23/2023 15:59:00	1.9	2.8	0.8	0.00	0.00	0.00	0.7	WSW
12/23/2023 16:00:00	2.0	3.0	1.0	0.00	0.00	0.00	0.7	W
12/23/2023 16:01:00	2.1	3.1	1.0	0.00	0.00	0.00	0.6	WNW
12/23/2023 16:02:00	2.2	3.3	1.2	0.00	0.00	0.00	0.6	WSW
12/23/2023 16:03:00	2.3	3.7	1.4	0.00	0.00	0.00	0.6	WSW
12/23/2023 16:04:00	2.4	4.0	1.5	0.00	0.00	0.00	0.5	WSW