

**DAILY FIELD REPORT 147**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	December 19, 2023
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	7:00 am to 5:15 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:**

Caitlyn Dempsey (Environmental)

Junggeun Hwang (Geotechnical)

**Work Activities Performed:**

- Urban excavated an about 15-foot-long by 5-foot-wide area around existing caissons from about 28 feet below grade surface (bgs) to about 34 feet bgs in the central part of grids WC03\_25-30 and 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 18-foot-long by 22-foot-wide area around existing caissons from about 14 feet bgs to about 22 feet bgs in the central part of grids WC02\_10-15, WC02\_15-20, and WC02\_20-25 for the installation of lagging. Excavated soil/fill was stockpiled in the western part of WC02 pending off-site disposal.
- Urban graded an about 15-foot-long by 40-foot-wide area in the southern part of grid WC02 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:**

- The following soil/fill was exported from the site:
  - 3 loads of soil/fill from waste characterization grids WC02\_15-20, WC02\_25-30, WC03\_10-15, WC03\_15-20, WC03\_20-25, WC03\_25-30, and/or WC06\_30-35 were exported for off-site disposal at the Clean Earth of Carteret LLC facility in Carteret, NJ.
- 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	-	3	60	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)
	132	2,600	231	4,620	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)
	4	80	3	60

**Samples Collected:**

- No samples were collected.

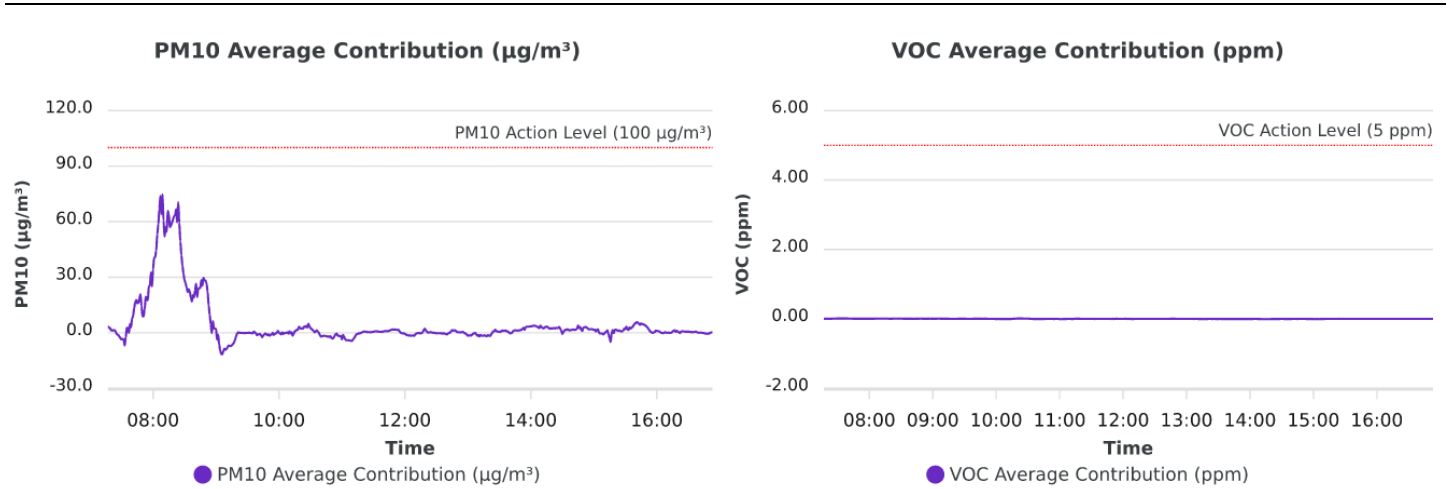
**Air Monitoring:**

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	2.9	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-11.7	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	74.8	VOC Average Site Contribution (Maximum)	0.01

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

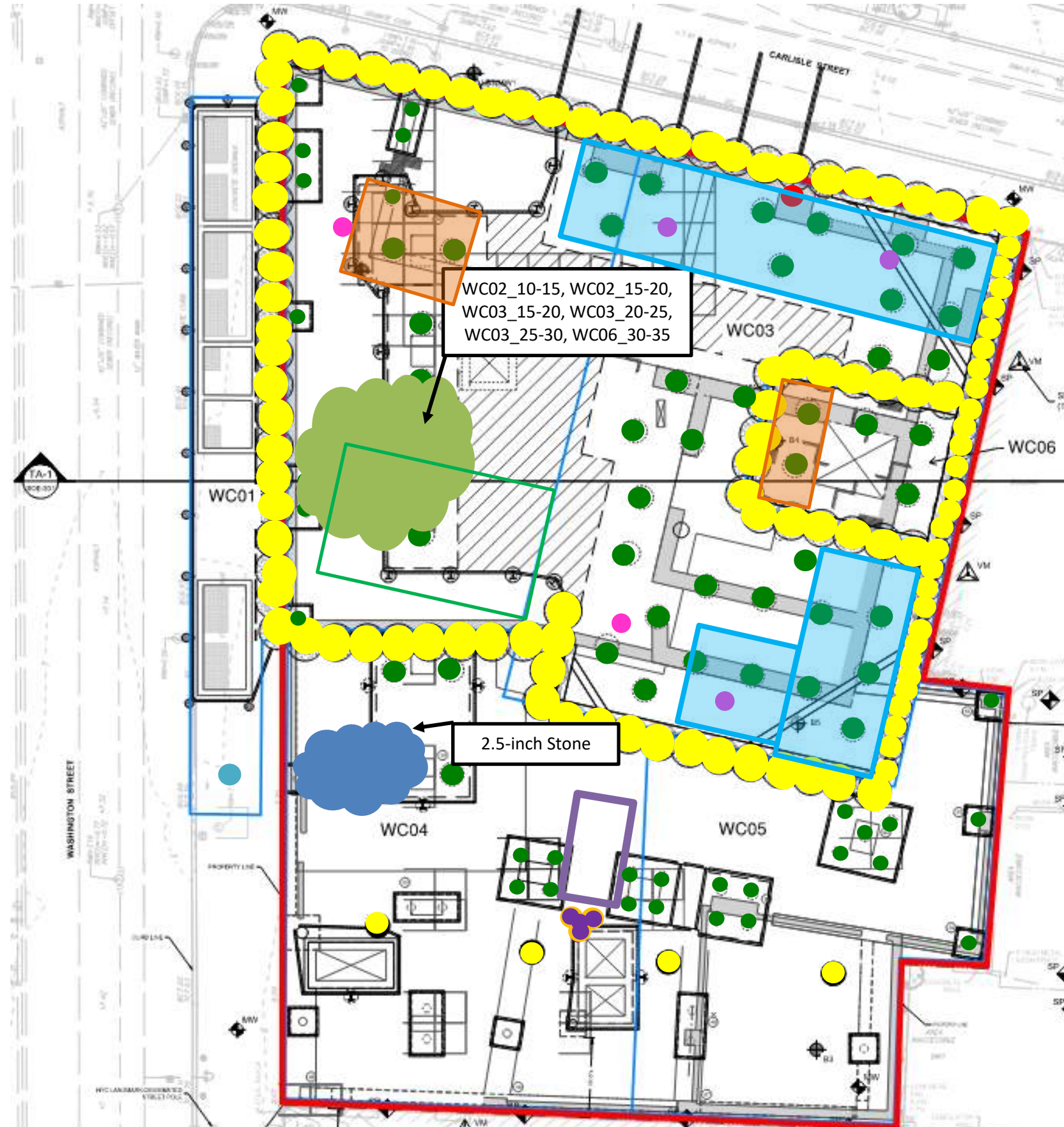
ppm: parts per million.



**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 WC02\_15-20 (facing southeast).



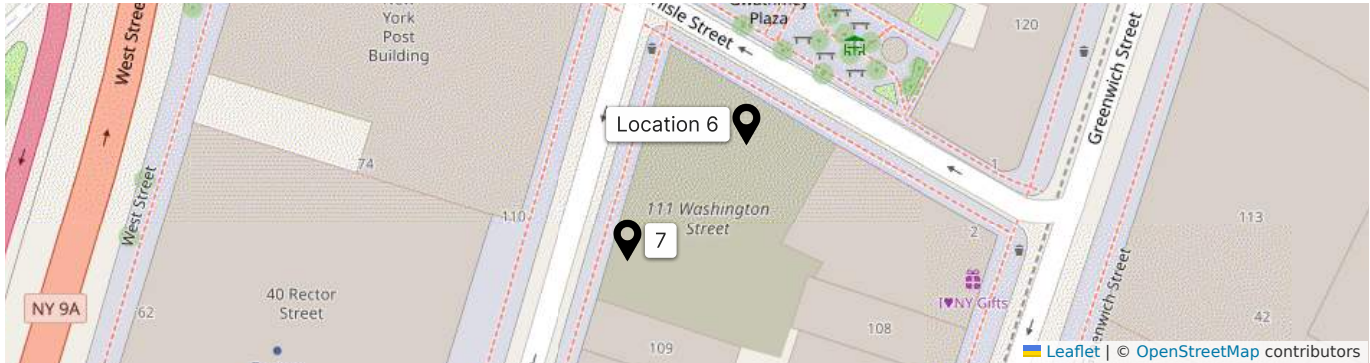
**Photo 2:** View of Urban loading a truck with soil/fill for off-site disposal (facing southwest).



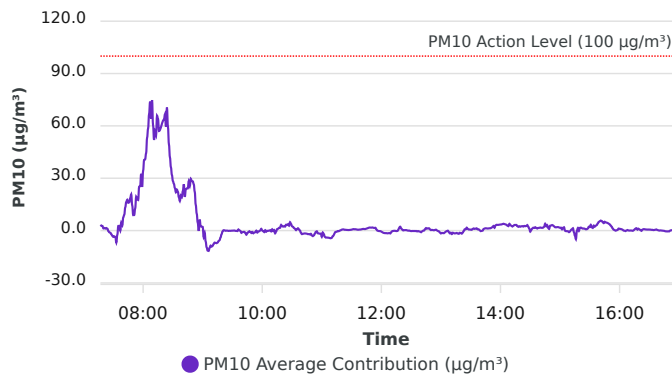
<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	12/19/2023 06:00
		<b>To:</b>	12/19/2023 19:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

<b>Daily Environmental Summary</b>	<b>Windspeed (mph)</b>	<b>Prevailing wind direction</b>
12/19/2023	0.3-2.2	S

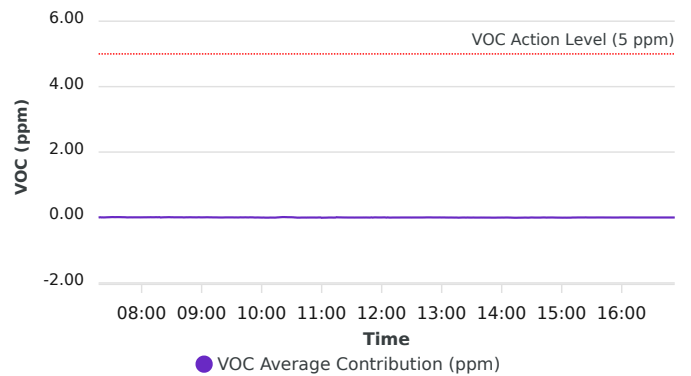
<b>Daily Monitoring Summary</b>	<b>PM10 (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Time</b>	<b>VOC (ppm)</b>	<b>Time</b>
<b>Min Contribution (15 min avg.) - 12/19/2023</b>	-11.7	09:06	-0.01	11:00
<b>Max Contribution (15 min avg.) - 12/19/2023</b>	74.8	08:09	0.01	07:31



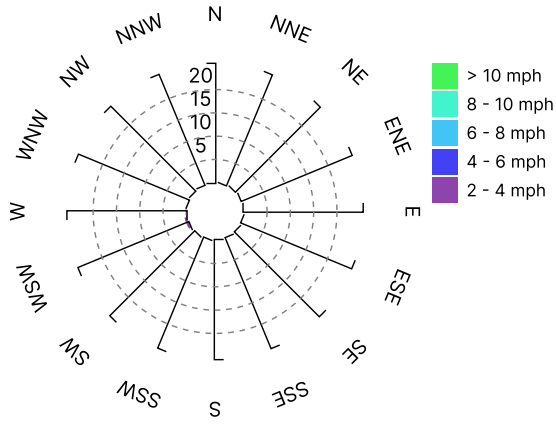
**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**



**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
12/19/2023 07:17:00	2.9	6.2	3.3	0.00	0.00	0.00	0.6	E
12/19/2023 07:18:00	2.8	5.5	2.7	0.00	0.01	0.01	0.7	E
12/19/2023 07:19:00	2.8	5.5	2.6	0.00	0.01	0.01	0.7	ESE
12/19/2023 07:20:00	3.5	4.8	1.3	0.00	0.01	0.00	0.6	SSW
12/19/2023 07:21:00	3.4	4.8	1.5	0.00	0.01	0.00	0.6	ESE
12/19/2023 07:22:00	3.5	4.7	1.2	0.00	0.01	0.00	0.7	SSW
12/19/2023 07:23:00	3.4	4.9	1.4	0.00	0.01	0.00	0.7	E
12/19/2023 07:24:00	4.2	5.3	1.1	0.00	0.01	0.00	0.7	ESE
12/19/2023 07:25:00	6.3	6.0	-0.3	0.00	0.01	0.01	0.7	E
12/19/2023 07:26:00	7.1	6.1	-1.0	0.00	0.01	0.01	0.7	SE
12/19/2023 07:27:00	7.4	6.2	-1.3	0.00	0.01	0.01	0.7	SE
12/19/2023 07:28:00	8.3	6.2	-2.1	0.00	0.01	0.01	0.7	ESE
12/19/2023 07:29:00	9.2	6.2	-3.0	0.00	0.01	0.01	0.7	ESE
12/19/2023 07:30:00	9.8	6.1	-3.6	0.00	0.01	0.01	0.7	ENE
12/19/2023 07:31:00	9.8	6.5	-3.3	0.00	0.01	0.01	0.6	ESE
12/19/2023 07:32:00	10.7	7.0	-3.7	0.00	0.01	0.01	0.7	WSW
12/19/2023 07:33:00	14.3	7.4	-6.9	0.00	0.01	0.01	0.6	SW
12/19/2023 07:34:00	14.4	12.0	-2.4	0.00	0.01	0.01	0.7	SE
12/19/2023 07:35:00	14.3	16.9	2.6	0.00	0.01	0.01	0.7	E
12/19/2023 07:36:00	16.7	19.4	2.7	0.00	0.01	0.01	0.7	ENE
12/19/2023 07:37:00	20.8	20.7	-0.1	0.00	0.01	0.01	0.7	WSW
12/19/2023 07:38:00	21.1	25.8	4.7	0.00	0.01	0.01	0.7	SE
12/19/2023 07:39:00	22.8	25.7	2.9	0.00	0.01	0.01	0.7	S
12/19/2023 07:40:00	21.8	29.4	7.6	0.00	0.01	0.01	0.7	E
12/19/2023 07:41:00	21.0	30.1	9.1	0.00	0.01	0.01	0.7	SE
12/19/2023 07:42:00	20.6	33.9	13.3	0.00	0.01	0.01	0.7	ESE
12/19/2023 07:43:00	19.9	36.3	16.4	0.00	0.01	0.01	0.7	NNE
12/19/2023 07:44:00	19.4	37.0	17.6	0.00	0.01	0.01	0.7	SE
12/19/2023 07:45:00	21.4	37.4	15.9	0.00	0.01	0.00	0.7	SW
12/19/2023 07:46:00	21.9	38.1	16.2	0.00	0.01	0.00	0.7	E
12/19/2023 07:47:00	22.0	40.6	18.6	0.00	0.01	0.00	0.8	E
12/19/2023 07:48:00	19.9	40.6	20.8	0.00	0.01	0.01	0.8	ENE



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
12/19/2023 07:49:00	21.7	36.1	14.4	0.00	0.01	0.01	0.8	ENE
12/19/2023 07:50:00	22.5	31.3	8.9	0.00	0.01	0.01	0.8	ESE
12/19/2023 07:51:00	20.3	29.2	8.9	0.00	0.01	0.00	0.8	WSW
12/19/2023 07:52:00	16.1	28.8	12.7	0.00	0.01	0.01	0.8	ESE
12/19/2023 07:53:00	16.2	35.7	19.4	0.00	0.01	0.01	0.8	SE
12/19/2023 07:54:00	19.1	36.9	17.8	0.00	0.01	0.01	0.8	WSW
12/19/2023 07:55:00	19.3	36.9	17.6	0.00	0.01	0.01	0.8	ESE
12/19/2023 07:56:00	19.4	44.5	25.2	0.00	0.01	0.01	0.8	E
12/19/2023 07:57:00	19.3	44.8	25.5	0.00	0.01	0.01	0.8	E
12/19/2023 07:58:00	18.9	51.5	32.5	0.00	0.01	0.01	0.8	E
12/19/2023 07:59:00	25.6	50.6	25.0	0.00	0.01	0.00	0.8	S
12/19/2023 08:00:00	22.5	56.8	34.3	0.00	0.01	0.01	0.8	ESE
12/19/2023 08:01:00	21.4	61.9	40.5	0.00	0.01	0.01	0.8	E
12/19/2023 08:02:00	20.5	61.2	40.8	0.00	0.01	0.01	0.8	ESE
12/19/2023 08:03:00	19.0	63.3	44.3	0.00	0.01	0.01	0.8	E
12/19/2023 08:04:00	17.0	70.2	53.2	0.00	0.01	0.01	0.8	E
12/19/2023 08:05:00	16.1	74.7	58.5	0.00	0.01	0.01	0.8	ESE
12/19/2023 08:06:00	15.9	82.7	66.8	0.00	0.01	0.01	0.8	E
12/19/2023 08:07:00	15.9	89.8	73.9	0.00	0.01	0.01	0.8	SE
12/19/2023 08:08:00	15.4	79.5	64.1	0.00	0.01	0.01	0.8	SE
12/19/2023 08:09:00	10.3	85.1	74.8	0.00	0.01	0.01	0.8	ESE
12/19/2023 08:10:00	20.4	80.8	60.5	0.00	0.01	0.01	0.8	SE
12/19/2023 08:11:00	20.3	72.2	52.0	0.00	0.01	0.01	0.7	E
12/19/2023 08:12:00	20.2	77.3	57.1	0.00	0.01	0.01	0.7	E
12/19/2023 08:13:00	20.2	74.7	54.5	0.00	0.01	0.01	0.7	E
12/19/2023 08:14:00	13.0	78.8	65.8	0.00	0.01	0.01	0.8	ESE
12/19/2023 08:15:00	13.0	77.0	64.1	0.00	0.01	0.01	0.8	E
12/19/2023 08:16:00	13.4	70.5	57.1	0.00	0.01	0.01	0.7	SW
12/19/2023 08:17:00							0.7	SE
12/19/2023 08:18:00				0.00	0.01	0.01	0.7	ESE
12/19/2023 08:19:00				0.01	0.01	0.00	0.7	SSW
12/19/2023 08:20:00				0.00	0.01	0.00	0.7	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
12/19/2023 08:21:00	2.1	65.6	63.6	0.00	0.01	0.01	0.7	E
12/19/2023 08:22:00	2.1	68.7	66.6	0.00	0.01	0.01	0.7	E
12/19/2023 08:23:00	2.2	61.8	59.6	0.00	0.01	0.01	0.7	ESE
12/19/2023 08:24:00	2.6	73.1	70.5	0.00	0.01	0.01	0.7	E
12/19/2023 08:25:00	2.6	62.1	59.5	0.00	0.01	0.01	0.7	E
12/19/2023 08:26:00	2.5	51.9	49.4	0.00	0.01	0.01	0.7	ESE
12/19/2023 08:27:00	2.6	44.6	42.0	0.00	0.01	0.01	0.7	E
12/19/2023 08:28:00	3.0	39.3	36.3	0.00	0.01	0.01	0.7	E
12/19/2023 08:29:00	3.2	35.0	31.8	0.00	0.01	0.01	0.7	E
12/19/2023 08:30:00	3.3	31.7	28.4	0.00	0.01	0.01	0.7	ESE
12/19/2023 08:31:00	3.1	29.9	26.8	0.00	0.01	0.01	0.7	S
12/19/2023 08:32:00	3.2	27.5	24.3	0.01	0.01	0.01	0.7	ENE
12/19/2023 08:33:00	3.7	25.7	22.0	0.01	0.01	0.01	0.7	SW
12/19/2023 08:34:00	3.7	27.1	23.5	0.01	0.01	0.01	0.7	ESE
12/19/2023 08:35:00	3.6	25.9	22.3	0.01	0.01	0.01	0.7	E
12/19/2023 08:36:00	3.6	22.7	19.1	0.01	0.01	0.01	0.6	E
12/19/2023 08:37:00	3.6	20.6	16.9	0.01	0.01	0.01	0.6	ESE
12/19/2023 08:38:00	3.6	23.9	20.3	0.01	0.01	0.01	0.6	SE
12/19/2023 08:39:00	3.6	22.7	19.1	0.01	0.01	0.01	0.6	ESE
12/19/2023 08:40:00	3.9	26.5	22.6	0.01	0.01	0.01	0.6	ESE
12/19/2023 08:41:00	4.0	30.6	26.5	0.01	0.01	0.01	0.6	E
12/19/2023 08:42:00	11.4	30.7	19.3	0.01	0.01	0.00	0.6	SW
12/19/2023 08:43:00	11.2	34.9	23.6	0.01	0.01	0.00	0.6	ESE
12/19/2023 08:44:00	11.3	35.5	24.1	0.01	0.01	0.01	0.6	E
12/19/2023 08:45:00	11.3	35.5	24.2	0.01	0.01	0.01	0.6	ESE
12/19/2023 08:46:00	12.2	40.6	28.4	0.01	0.01	0.01	0.5	NNE
12/19/2023 08:47:00	16.3	41.7	25.4	0.00	0.01	0.01	0.6	SW
12/19/2023 08:48:00	15.9	45.6	29.7	0.00	0.01	0.01	0.6	ESE
12/19/2023 08:49:00	16.4	44.8	28.4	0.00	0.01	0.01	0.6	E
12/19/2023 08:50:00	17.1	45.3	28.2	0.00	0.01	0.01	0.6	E
12/19/2023 08:51:00	18.3	44.9	26.6	0.00	0.01	0.01	0.6	SSE
12/19/2023 08:52:00	20.2	42.5	22.2	0.00	0.01	0.01	0.6	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
12/19/2023 08:53:00	21.4	36.2	14.8	0.00	0.01	0.01	0.7	ESE
12/19/2023 08:54:00	21.4	31.1	9.7	0.00	0.01	0.00	0.7	W
12/19/2023 08:55:00	21.6	26.2	4.6	0.00	0.01	0.00	0.7	ESE
12/19/2023 08:56:00	22.4	22.2	-0.2	0.00	0.01	0.01	0.7	ESE
12/19/2023 08:57:00	15.9	22.2	6.3	0.00	0.01	0.01	0.7	ESE
12/19/2023 08:58:00	16.1	18.5	2.4	0.00	0.01	0.01	0.7	E
12/19/2023 08:59:00	16.4	18.7	2.3	0.00	0.01	0.00	0.7	W
12/19/2023 09:00:00	16.9	19.0	2.1	0.00	0.01	0.00	0.7	E
12/19/2023 09:01:00	17.3	13.6	-3.7	0.00	0.01	0.00	0.8	ENE
12/19/2023 09:02:00	14.3	13.2	-1.1	0.00	0.01	0.01	0.7	SE
12/19/2023 09:03:00	15.5	9.3	-6.3	0.00	0.01	0.01	0.7	E
12/19/2023 09:04:00	16.8	7.2	-9.7	0.00	0.01	0.01	0.7	ESE
12/19/2023 09:05:00	17.9	6.4	-11.5	0.00	0.01	0.01	0.7	SE
12/19/2023 09:06:00	17.7	6.1	-11.7	0.00	0.01	0.01	0.8	E
12/19/2023 09:07:00	16.2	6.3	-9.8	0.00	0.01	0.01	0.8	WSW
12/19/2023 09:08:00	15.1	6.5	-8.6	0.00	0.01	0.01	0.8	S
12/19/2023 09:09:00	15.1	5.9	-9.2	0.00	0.01	0.01	0.7	SW
12/19/2023 09:10:00	14.6	5.9	-8.7	0.00	0.01	0.01	0.8	E
12/19/2023 09:11:00	13.6	5.9	-7.7	0.00	0.01	0.00	0.7	SSW
12/19/2023 09:12:00	12.7	5.8	-6.9	0.00	0.01	0.00	0.7	ESE
12/19/2023 09:13:00	12.4	5.4	-7.0	0.00	0.01	0.00	0.7	SSE
12/19/2023 09:14:00	11.8	4.6	-7.2	0.00	0.01	0.00	0.7	E
12/19/2023 09:15:00	11.2	4.4	-6.9	0.00	0.01	0.00	0.7	W
12/19/2023 09:16:00	10.0	4.0	-6.0	0.00	0.01	0.00	0.7	SE
12/19/2023 09:17:00	8.9	3.4	-5.5	0.00	0.00	0.00	0.7	SSE
12/19/2023 09:18:00	7.5	3.5	-4.0	0.00	0.00	0.00	0.7	ESE
12/19/2023 09:19:00	5.6	3.5	-2.1	0.00	0.00	0.00	0.7	W
12/19/2023 09:20:00	3.7	3.2	-0.5	0.00	0.00	0.00	0.7	E
12/19/2023 09:21:00	2.7	2.9	0.2	0.00	0.00	0.00	0.7	ENE
12/19/2023 09:22:00	2.3	2.5	0.1	0.00	0.00	0.00	0.7	E
12/19/2023 09:23:00	2.2	2.1	-0.1	0.00	0.00	0.00	0.7	E
12/19/2023 09:24:00	2.0	2.0	0.0	0.00	0.00	0.00	0.7	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
12/19/2023 09:25:00	1.9	1.9	-0.1	0.00	0.00	0.00	0.7	E
12/19/2023 09:26:00	2.0	1.8	-0.2	0.00	0.00	0.00	0.7	E
12/19/2023 09:27:00	2.0	1.9	-0.1	0.00	0.00	0.00	0.6	ENE
12/19/2023 09:28:00	2.0	1.9	-0.1	0.00	0.00	0.00	0.7	E
12/19/2023 09:29:00	2.0	1.9	-0.1	0.00	0.00	0.00	0.7	SSE
12/19/2023 09:30:00	2.0	1.9	-0.1	0.00	0.00	0.00	0.7	E
12/19/2023 09:31:00	2.0	2.0	0.0	0.00	0.00	0.00	0.6	SSE
12/19/2023 09:32:00	2.0	2.0	0.0	0.00	0.00	0.00	0.6	SSW
12/19/2023 09:33:00	2.0	1.9	-0.2	0.00	0.00	0.00	0.6	SW
12/19/2023 09:34:00	2.1	1.9	-0.2	0.00	0.00	0.00	0.6	E
12/19/2023 09:35:00	2.3	2.0	-0.3	0.00	0.00	0.00	0.6	SE
12/19/2023 09:36:00	2.4	3.0	0.6	0.00	0.00	0.00	0.6	SSE
12/19/2023 09:37:00	3.1	3.2	0.2	0.00	0.00	0.00	0.6	E
12/19/2023 09:38:00	3.7	3.5	-0.2	0.00	0.01	0.00	0.6	ESE
12/19/2023 09:39:00	4.8	3.5	-1.3	0.00	0.01	0.01	0.6	SE
12/19/2023 09:40:00	4.8	3.9	-0.9	0.00	0.01	0.00	0.6	S
12/19/2023 09:41:00	4.8	4.1	-0.8	0.00	0.01	0.00	0.7	WSW
12/19/2023 09:42:00	4.9	4.1	-0.8	0.00	0.01	0.00	0.7	E
12/19/2023 09:43:00	5.6	4.2	-1.4	0.00	0.01	0.00	0.7	E
12/19/2023 09:44:00	6.6	4.2	-2.4	0.00	0.01	0.01	0.7	E
12/19/2023 09:45:00	6.6	5.1	-1.5	0.01	0.01	0.00	0.7	WSW
12/19/2023 09:46:00	6.6	5.7	-0.9	0.01	0.01	0.00	0.7	WSW
12/19/2023 09:47:00	6.7	6.3	-0.4	0.01	0.01	0.00	0.8	WSW
12/19/2023 09:48:00	7.2	6.3	-0.9	0.01	0.01	0.01	0.7	ESE
12/19/2023 09:49:00	7.7	6.3	-1.4	0.01	0.01	0.01	0.7	ENE
12/19/2023 09:50:00	7.5	6.7	-0.8	0.01	0.01	0.00	0.7	SSE
12/19/2023 09:51:00	7.5	5.9	-1.6	0.01	0.01	0.00	0.7	WSW
12/19/2023 09:52:00	7.0	5.8	-1.1	0.01	0.01	0.00	0.7	WSW
12/19/2023 09:53:00	6.7	5.8	-0.9	0.01	0.01	0.00	0.7	WNW
12/19/2023 09:54:00	6.0	5.9	-0.1	0.01	0.01	0.00	0.8	E
12/19/2023 09:55:00	6.7	5.5	-1.1	0.01	0.01	0.00	0.7	ESE
12/19/2023 09:56:00	6.7	6.1	-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
12/19/2023 09:57:00	6.8	6.4	-0.4	0.01	0.01	0.00	0.7	WSW
12/19/2023 09:58:00	6.5	6.6	0.1	0.01	0.01	0.00	0.7	WSW
12/19/2023 09:59:00	5.7	6.7	1.0	0.01	0.01	0.00	0.7	SW
12/19/2023 10:00:00	5.8	5.8	0.0	0.01	0.01	0.00	0.7	WSW
12/19/2023 10:01:00	5.7	5.3	-0.4	0.01	0.01	0.00	0.7	W
12/19/2023 10:02:00	5.7	4.8	-0.9	0.01	0.01	0.00	0.8	ENE
12/19/2023 10:03:00	5.3	5.5	0.2	0.01	0.00	0.00	0.7	WSW
12/19/2023 10:04:00	6.0	5.4	-0.6	0.01	0.00	-0.01	0.8	E
12/19/2023 10:05:00	6.0	5.9	-0.1	0.01	0.00	-0.01	0.8	WSW
12/19/2023 10:06:00	6.0	5.8	-0.2	0.01	0.00	-0.01	0.8	WSW
12/19/2023 10:07:00	5.8	5.9	0.0	0.01	0.00	-0.01	0.8	SW
12/19/2023 10:08:00	5.6	5.8	0.2	0.01	0.00	0.00	0.8	ESE
12/19/2023 10:09:00	6.2	5.7	-0.5	0.01	0.00	0.00	0.8	E
12/19/2023 10:10:00	5.5	6.2	0.8	0.01	0.00	0.00	0.8	WSW
12/19/2023 10:11:00	5.8	5.5	-0.3	0.01	0.00	0.00	0.8	ESE
12/19/2023 10:12:00	5.8	6.1	0.3	0.01	0.00	0.00	0.8	WSW
12/19/2023 10:13:00	8.1	6.5	-1.6	0.01	0.00	0.00	0.9	W
12/19/2023 10:14:00	8.9	8.4	-0.5	0.01	0.01	0.00	0.9	E
12/19/2023 10:15:00	9.0	9.8	0.8	0.01	0.01	0.00	0.8	ESE
12/19/2023 10:16:00	9.2	10.3	1.1	0.01	0.01	0.00	0.8	ENE
12/19/2023 10:17:00	9.3	10.9	1.6	0.01	0.01	0.00	0.8	E
12/19/2023 10:18:00	9.5	11.1	1.6	0.00	0.01	0.01	0.8	E
12/19/2023 10:19:00	8.2	11.5	3.2	0.00	0.01	0.01	0.8	E
12/19/2023 10:20:00	8.4	11.1	2.7	0.00	0.01	0.01	0.8	E
12/19/2023 10:21:00	8.8	11.1	2.3	0.00	0.02	0.01	0.9	E
12/19/2023 10:22:00	8.8	11.3	2.5	0.00	0.02	0.01	0.9	WSW
12/19/2023 10:23:00	9.1	11.3	2.3	0.00	0.01	0.01	0.9	N
12/19/2023 10:24:00	8.3	11.6	3.4	0.00	0.01	0.01	0.9	SW
12/19/2023 10:25:00	8.4	11.6	3.2	0.00	0.01	0.01	1.0	S
12/19/2023 10:26:00	8.0	11.6	3.6	0.00	0.01	0.01	1.0	WSW
12/19/2023 10:27:00	7.9	10.7	2.8	0.00	0.01	0.01	1.1	SSW
12/19/2023 10:28:00	5.3	10.1	4.8	0.00	0.01	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
12/19/2023 10:29:00	4.3	8.1	3.8	0.01	0.01	0.01	1.1	WSW
12/19/2023 10:30:00	4.2	6.7	2.5	0.01	0.01	0.01	1.1	ESE
12/19/2023 10:31:00	3.9	6.1	2.1	0.01	0.01	0.01	1.1	WSW
12/19/2023 10:32:00	3.9	5.3	1.5	0.01	0.01	0.01	1.1	E
12/19/2023 10:33:00	3.6	4.7	1.0	0.01	0.01	0.00	1.1	W
12/19/2023 10:34:00	4.0	4.2	0.3	0.01	0.01	0.00	1.1	SE
12/19/2023 10:35:00	3.8	4.6	0.8	0.01	0.01	0.00	1.1	SSW
12/19/2023 10:36:00	3.3	4.6	1.3	0.01	0.00	-0.01	1.1	SW
12/19/2023 10:37:00	3.6	4.2	0.6	0.01	0.00	0.00	1.0	ENE
12/19/2023 10:38:00	4.1	4.1	0.0	0.01	0.00	-0.01	1.1	E
12/19/2023 10:39:00	5.0	3.7	-1.3	0.01	0.00	0.00	1.1	ESE
12/19/2023 10:40:00	5.4	3.3	-2.0	0.01	0.00	0.00	1.1	ESE
12/19/2023 10:41:00	5.3	3.5	-1.9	0.01	0.00	0.00	1.1	WSW
12/19/2023 10:42:00	5.2	3.5	-1.7	0.01	0.00	0.00	1.1	WSW
12/19/2023 10:43:00	5.2	3.5	-1.6	0.01	0.00	0.00	1.1	WSW
12/19/2023 10:44:00	5.2	3.5	-1.7	0.01	0.00	0.00	1.0	SW
12/19/2023 10:45:00	5.4	3.6	-1.8	0.01	0.00	0.00	1.0	ESE
12/19/2023 10:46:00	5.6	3.6	-2.0	0.01	0.00	0.00	1.0	ESE
12/19/2023 10:47:00	5.6	3.6	-2.0	0.01	0.00	0.00	1.0	N
12/19/2023 10:48:00	5.6	3.4	-2.2	0.00	0.00	0.00	1.0	WSW
12/19/2023 10:49:00	5.3	3.4	-1.9	0.00	0.00	0.00	1.0	WSW
12/19/2023 10:50:00	5.5	2.7	-2.8	0.00	0.00	0.00	1.0	W
12/19/2023 10:51:00	5.7	2.5	-3.2	0.00	0.00	0.00	1.0	WSW
12/19/2023 10:52:00	5.4	2.6	-2.7	0.00	0.00	0.00	1.0	WSW
12/19/2023 10:53:00	4.5	2.7	-1.8	0.00	0.00	0.00	1.0	NW
12/19/2023 10:54:00	3.5	2.8	-0.7	0.00	0.00	0.00	0.9	ESE
12/19/2023 10:55:00	3.4	3.0	-0.4	0.00	0.00	0.00	0.9	ESE
12/19/2023 10:56:00	4.3	2.7	-1.6	0.00	0.00	0.00	0.8	NE
12/19/2023 10:57:00	4.5	2.8	-1.7	0.00	0.00	0.00	0.8	ESE
12/19/2023 10:58:00	4.5	2.8	-1.8	0.00	0.00	0.00	0.8	W
12/19/2023 10:59:00	4.7	2.9	-1.8	0.00	0.00	0.00	0.8	SW
12/19/2023 11:00:00	6.5	2.9	-3.6	0.01	0.00	-0.01	0.8	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
12/19/2023 11:01:00	6.4	5.3	-1.1	0.01	0.01	-0.01	0.8	WNW
12/19/2023 11:02:00	7.6	5.6	-2.0	0.01	0.01	-0.01	0.9	E
12/19/2023 11:03:00	9.3	5.8	-3.5	0.01	0.01	-0.01	0.8	SE
12/19/2023 11:04:00	9.8	5.8	-4.0	0.01	0.01	-0.01	0.9	E
12/19/2023 11:05:00	9.8	5.8	-4.0	0.01	0.01	0.00	0.9	ESE
12/19/2023 11:06:00	9.8	5.7	-4.0	0.01	0.01	0.00	0.9	E
12/19/2023 11:07:00	9.7	5.6	-4.1	0.01	0.01	0.00	0.9	SE
12/19/2023 11:08:00	9.7	5.4	-4.3	0.01	0.01	0.00	0.9	NE
12/19/2023 11:09:00	9.7	5.3	-4.4	0.01	0.01	0.00	0.9	E
12/19/2023 11:10:00	9.3	5.2	-4.2	0.01	0.01	0.00	0.9	W
12/19/2023 11:11:00	8.4	5.1	-3.3	0.01	0.01	0.00	0.9	WSW
12/19/2023 11:12:00				0.01	0.01	0.00	0.9	ESE
12/19/2023 11:13:00				0.01	0.01	0.00	0.9	S
12/19/2023 11:14:00	1.9	1.1	-0.8	0.01	0.01	0.00	0.9	E
12/19/2023 11:15:00	1.7	1.0	-0.7	0.00	0.01	0.01	1.0	E
12/19/2023 11:16:00	1.4	1.1	-0.3	0.00	0.01	0.00	1.0	W
12/19/2023 11:17:00	1.5	1.1	-0.4	0.00	0.00	0.00	1.0	N
12/19/2023 11:18:00	1.4	1.3	0.0	0.00	0.00	0.00	1.1	WSW
12/19/2023 11:19:00	1.3	1.4	0.2	0.00	0.00	0.00	1.1	WSW
12/19/2023 11:20:00	1.3	1.8	0.5	0.00	0.00	0.00	1.1	S
12/19/2023 11:21:00	1.2	1.9	0.7	0.00	0.00	0.00	1.1	SSW
12/19/2023 11:22:00	1.2	1.9	0.7	0.00	0.00	0.00	1.1	SSW
12/19/2023 11:23:00	1.3	1.7	0.5	0.00	0.00	0.00	1.1	E
12/19/2023 11:24:00	1.2	1.7	0.5	0.00	0.00	0.00	1.1	E
12/19/2023 11:25:00	1.3	1.6	0.4	0.00	0.00	0.00	1.1	WSW
12/19/2023 11:26:00	1.3	1.6	0.3	0.00	0.00	0.00	1.1	SW
12/19/2023 11:27:00	1.3	1.6	0.3	0.00	0.00	0.00	1.1	NW
12/19/2023 11:28:00	1.3	1.6	0.4	0.00	0.00	0.00	1.1	ESE
12/19/2023 11:29:00	1.2	1.6	0.4	0.00	0.00	0.00	1.1	W
12/19/2023 11:30:00	1.2	1.7	0.5	0.00	0.00	0.00	1.1	ESE
12/19/2023 11:31:00	1.2	1.9	0.7	0.00	0.00	0.00	1.0	E
12/19/2023 11:32:00	1.2	2.0	0.8	0.00	0.00	0.00	1.0	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
12/19/2023 11:33:00	1.3	2.0	0.8	0.00	0.00	0.00	0.9	SSW
12/19/2023 11:34:00	1.3	2.0	0.8	0.00	0.00	0.00	0.9	E
12/19/2023 11:35:00	1.2	1.9	0.6	0.00	0.00	0.00	0.8	ESE
12/19/2023 11:36:00	1.3	1.8	0.5	0.00	0.00	0.00	0.9	ESE
12/19/2023 11:37:00	1.2	1.7	0.5	0.00	0.00	0.00	0.9	WSW
12/19/2023 11:38:00	1.2	1.7	0.6	0.00	0.00	0.00	0.8	NNW
12/19/2023 11:39:00	1.2	1.8	0.6	0.00	0.00	0.00	0.9	WSW
12/19/2023 11:40:00	1.2	1.9	0.7	0.00	0.00	0.00	0.9	SSW
12/19/2023 11:41:00	1.2	2.1	0.9	0.00	0.00	0.00	0.8	SW
12/19/2023 11:42:00	1.3	2.2	1.0	0.00	0.00	0.00	0.8	W
12/19/2023 11:43:00	1.3	2.2	0.9	0.00	0.00	0.00	0.9	SW
12/19/2023 11:44:00	1.3	2.2	0.9	0.00	0.00	0.00	0.8	W
12/19/2023 11:45:00	1.4	2.5	1.1	0.00	0.00	0.00	0.9	WSW
12/19/2023 11:46:00	1.4	2.7	1.3	0.00	0.00	0.00	0.9	WSW
12/19/2023 11:47:00	1.4	3.0	1.6	0.00	0.00	0.00	0.9	SW
12/19/2023 11:48:00	1.5	3.2	1.7	0.00	0.00	0.00	0.9	SSE
12/19/2023 11:49:00	1.6	3.3	1.7	0.00	0.00	0.00	0.9	E
12/19/2023 11:50:00	1.6	3.3	1.7	0.00	0.01	0.00	0.9	E
12/19/2023 11:51:00	1.6	3.4	1.8	0.01	0.01	0.00	0.9	SSW
12/19/2023 11:52:00	1.7	3.4	1.6	0.01	0.01	0.00	0.9	E
12/19/2023 11:53:00	1.8	3.3	1.5	0.01	0.01	0.00	1.0	ENE
12/19/2023 11:54:00	2.3	3.9	1.6	0.01	0.01	0.00	0.9	E
12/19/2023 11:55:00	3.3	4.0	0.7	0.01	0.01	0.00	0.9	E
12/19/2023 11:56:00	4.0	3.9	0.0	0.01	0.01	0.00	1.0	E
12/19/2023 11:57:00	4.2	4.0	-0.2	0.01	0.01	0.00	1.0	E
12/19/2023 11:58:00	4.4	4.1	-0.3	0.01	0.01	0.00	0.9	E
12/19/2023 11:59:00	4.5	4.1	-0.3	0.01	0.01	0.00	0.9	SW
12/19/2023 12:00:00	4.4	3.8	-0.6	0.01	0.01	0.00	0.9	WSW
12/19/2023 12:01:00	4.3	3.4	-0.9	0.01	0.01	0.00	0.9	SW
12/19/2023 12:02:00	4.2	3.0	-1.3	0.01	0.01	0.00	0.9	S
12/19/2023 12:03:00	4.1	2.7	-1.4	0.01	0.01	0.00	0.9	S
12/19/2023 12:04:00	4.0	2.6	-1.5	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
12/19/2023 12:05:00	3.9	2.5	-1.5	0.01	0.01	0.00	0.9	WSW
12/19/2023 12:06:00	3.9	2.4	-1.6	0.01	0.01	0.00	0.9	NE
12/19/2023 12:07:00	3.9	2.4	-1.5	0.01	0.01	0.00	0.9	E
12/19/2023 12:08:00	3.7	2.3	-1.4	0.01	0.01	0.00	0.9	ESE
12/19/2023 12:09:00	3.3	1.6	-1.6	0.01	0.00	0.00	0.9	E
12/19/2023 12:10:00	2.2	1.4	-0.9	0.00	0.00	0.00	0.9	E
12/19/2023 12:11:00	1.5	1.2	-0.3	0.00	0.00	0.00	0.8	SSE
12/19/2023 12:12:00	1.2	1.0	-0.2	0.00	0.00	0.00	0.8	E
12/19/2023 12:13:00	0.9	0.8	-0.1	0.00	0.00	0.00	0.8	E
12/19/2023 12:14:00	0.9	0.7	-0.2	0.00	0.00	0.00	0.8	ENE
12/19/2023 12:15:00	1.0	0.7	-0.3	0.00	0.00	0.00	0.9	E
12/19/2023 12:16:00	1.0	0.8	-0.2	0.00	0.00	0.00	0.9	W
12/19/2023 12:17:00				0.00	0.00	0.00	0.9	E
12/19/2023 12:18:00				0.00	0.00	0.00	0.8	NNW
12/19/2023 12:19:00	1.7	3.9	2.2	0.00	0.00	0.00	0.9	S
12/19/2023 12:20:00	1.6	2.8	1.2	0.00	0.00	0.00	0.9	SW
12/19/2023 12:21:00	1.5	2.1	0.6	0.00	0.00	0.00	0.9	W
12/19/2023 12:22:00	1.6	1.7	0.1	0.00	0.00	0.00	0.9	WSW
12/19/2023 12:23:00	1.6	1.9	0.2	0.00	0.00	0.00	0.9	E
12/19/2023 12:24:00	1.6	1.9	0.3	0.00	0.00	0.00	0.9	W
12/19/2023 12:25:00	1.6	1.9	0.3	0.00	0.00	0.00	0.9	S
12/19/2023 12:26:00	1.6	1.7	0.1	0.00	0.00	0.00	1.0	SSE
12/19/2023 12:27:00	1.8	1.7	-0.1	0.00	0.00	0.00	1.0	WSW
12/19/2023 12:28:00	1.8	1.9	0.0	0.00	0.00	0.00	1.0	SE
12/19/2023 12:29:00	2.1	1.9	-0.2	0.00	0.00	0.00	1.0	E
12/19/2023 12:30:00	2.2	1.9	-0.3	0.00	0.00	0.00	0.9	ESE
12/19/2023 12:31:00	2.2	2.0	-0.2	0.00	0.00	0.00	1.0	ESE
12/19/2023 12:32:00	2.2	2.0	-0.3	0.00	0.00	0.00	1.0	SSE
12/19/2023 12:33:00	2.2	2.0	-0.2	0.00	0.00	0.00	1.1	E
12/19/2023 12:34:00	2.2	1.9	-0.3	0.00	0.00	0.00	1.1	E
12/19/2023 12:35:00	2.2	2.0	-0.2	0.00	0.00	0.00	1.1	SW
12/19/2023 12:36:00	2.5	2.0	-0.5	0.00	0.00	0.00	1.1	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
12/19/2023 12:37:00	2.6	2.3	-0.3	0.00	0.00	0.00	1.0	SW
12/19/2023 12:38:00	2.8	2.3	-0.5	0.00	0.00	0.00	1.1	WSW
12/19/2023 12:39:00	3.0	2.4	-0.6	0.00	0.00	0.00	1.1	WSW
12/19/2023 12:40:00	3.3	2.4	-0.9	0.00	0.00	0.00	1.1	S
12/19/2023 12:41:00	3.3	2.9	-0.5	0.00	0.00	0.00	1.1	NE
12/19/2023 12:42:00	3.2	3.2	-0.1	0.00	0.00	0.00	1.0	E
12/19/2023 12:43:00	3.2	3.3	0.0	0.00	0.00	0.00	1.0	NW
12/19/2023 12:44:00	3.1	3.9	0.8	0.00	0.00	0.00	1.0	ESE
12/19/2023 12:45:00	3.0	4.4	1.4	0.00	0.00	0.00	1.0	ESE
12/19/2023 12:46:00	3.2	4.3	1.1	0.00	0.00	0.00	0.9	SSW
12/19/2023 12:47:00	3.2	4.4	1.3	0.00	0.00	0.00	0.9	NNW
12/19/2023 12:48:00	3.1	4.5	1.3	0.00	0.00	0.00	0.9	WSW
12/19/2023 12:49:00	3.8	4.5	0.7	0.00	0.00	0.00	0.8	SSW
12/19/2023 12:50:00	4.4	4.7	0.3	0.00	0.00	0.00	0.8	WSW
12/19/2023 12:51:00	4.5	4.9	0.4	0.00	0.00	0.00	0.9	W
12/19/2023 12:52:00	5.0	5.3	0.3	0.00	0.00	0.00	0.8	ENE
12/19/2023 12:53:00	5.2	5.3	0.2	0.00	0.00	0.00	0.8	SW
12/19/2023 12:54:00	5.1	5.5	0.4	0.00	0.00	0.00	0.9	ESE
12/19/2023 12:55:00	5.1	5.6	0.5	0.00	0.00	0.00	0.8	SE
12/19/2023 12:56:00	5.3	5.4	0.1	0.00	0.00	0.00	0.9	E
12/19/2023 12:57:00	5.5	5.3	-0.3	0.00	0.00	0.00	0.9	ESE
12/19/2023 12:58:00	5.5	5.1	-0.5	0.00	0.00	0.00	0.9	ENE
12/19/2023 12:59:00	5.6	4.5	-1.1	0.00	0.00	0.00	0.9	E
12/19/2023 13:00:00	5.6	3.9	-1.6	0.00	0.00	0.00	0.9	WNW
12/19/2023 13:01:00	5.4	4.0	-1.4	0.00	0.00	0.00	0.9	ESE
12/19/2023 13:02:00	5.4	3.9	-1.4	0.00	0.00	0.00	0.9	ESE
12/19/2023 13:03:00	5.4	3.9	-1.5	0.00	0.00	0.00	0.9	S
12/19/2023 13:04:00	4.9	3.8	-1.0	0.00	0.00	0.00	0.9	WSW
12/19/2023 13:05:00	4.2	3.7	-0.6	0.01	0.00	0.00	0.9	WSW
12/19/2023 13:06:00	3.9	3.6	-0.3	0.01	0.00	0.00	0.9	SSW
12/19/2023 13:07:00	3.3	3.2	-0.1	0.01	0.00	0.00	0.9	S
12/19/2023 13:08:00	4.0	3.2	-0.8	0.01	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
12/19/2023 13:09:00	4.8	3.2	-1.6	0.01	0.01	0.00	0.9	SE
12/19/2023 13:10:00	4.9	3.7	-1.2	0.01	0.01	0.00	0.9	WSW
12/19/2023 13:11:00	5.9	3.9	-2.0	0.01	0.01	0.00	0.9	WSW
12/19/2023 13:12:00	6.4	5.2	-1.2	0.01	0.01	0.00	0.9	E
12/19/2023 13:13:00	7.1	5.6	-1.5	0.01	0.00	0.00	0.9	SE
12/19/2023 13:14:00	8.0	6.4	-1.6	0.01	0.00	0.00	0.9	SW
12/19/2023 13:15:00	9.1	7.6	-1.5	0.01	0.00	0.00	0.9	WSW
12/19/2023 13:16:00	9.6	8.3	-1.4	0.01	0.00	0.00	1.0	WSW
12/19/2023 13:17:00	10.1	8.4	-1.7	0.01	0.00	-0.01	1.0	S
12/19/2023 13:18:00	10.9	9.1	-1.9	0.01	0.00	0.00	1.0	ESE
12/19/2023 13:19:00	11.3	10.0	-1.3	0.01	0.00	0.00	1.0	S
12/19/2023 13:20:00	11.6	10.1	-1.5	0.01	0.00	0.00	0.9	ENE
12/19/2023 13:21:00	11.9	10.1	-1.8	0.01	0.00	0.00	0.9	WNW
12/19/2023 13:22:00	12.0	10.8	-1.1	0.01	0.00	0.00	0.9	SE
12/19/2023 13:23:00	11.1	10.8	-0.2	0.01	0.00	0.00	0.9	WNW
12/19/2023 13:24:00	10.2	10.9	0.8	0.01	0.00	0.00	1.0	WSW
12/19/2023 13:25:00	9.9	10.7	0.8	0.01	0.00	0.00	1.0	WSW
12/19/2023 13:26:00	8.8	10.5	1.7	0.00	0.00	0.00	1.1	WSW
12/19/2023 13:27:00	8.3	9.3	1.0	0.01	0.00	0.00	1.0	E
12/19/2023 13:28:00	8.5	9.1	0.6	0.01	0.00	0.00	1.0	WSW
12/19/2023 13:29:00	8.0	8.6	0.6	0.01	0.00	0.00	1.0	W
12/19/2023 13:30:00	7.0	7.5	0.5	0.01	0.00	0.00	1.1	W
12/19/2023 13:31:00	6.5	6.9	0.5	0.01	0.00	0.00	1.1	WSW
12/19/2023 13:32:00	6.0	7.0	0.9	0.01	0.00	0.00	1.1	WSW
12/19/2023 13:33:00	5.3	6.5	1.2	0.01	0.00	0.00	1.2	WSW
12/19/2023 13:34:00	4.7	5.7	1.0	0.01	0.00	0.00	1.2	WSW
12/19/2023 13:35:00	4.5	5.7	1.1	0.01	0.00	0.00	1.2	SE
12/19/2023 13:36:00	4.3	5.6	1.3	0.01	0.00	0.00	1.2	E
12/19/2023 13:37:00	4.2	5.0	0.7	0.01	0.00	0.00	1.2	SSW
12/19/2023 13:38:00	4.2	4.9	0.7	0.01	0.00	0.00	1.2	SE
12/19/2023 13:39:00	4.4	4.6	0.3	0.00	0.00	0.00	1.1	ESE
12/19/2023 13:40:00	4.5	4.2	-0.3	0.00	0.00	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
12/19/2023 13:41:00	4.5	4.3	-0.2	0.00	0.00	0.00	1.2	WSW
12/19/2023 13:42:00	4.4	4.4	0.0	0.00	0.00	0.00	1.2	W
12/19/2023 13:43:00	3.4	4.3	0.9	0.00	0.00	0.00	1.2	WSW
12/19/2023 13:44:00	3.0	4.2	1.2	0.00	0.00	0.00	1.2	WSW
12/19/2023 13:45:00	3.0	4.3	1.3	0.00	0.00	0.00	1.2	WSW
12/19/2023 13:46:00	3.0	4.2	1.3	0.00	0.00	0.00	1.2	SW
12/19/2023 13:47:00	3.0	4.2	1.2	0.00	0.00	0.00	1.1	WSW
12/19/2023 13:48:00	2.9	4.2	1.2	0.00	0.00	0.00	1.1	W
12/19/2023 13:49:00	2.9	4.2	1.3	0.00	0.00	0.00	1.1	W
12/19/2023 13:50:00	2.7	4.1	1.4	0.01	0.00	-0.01	1.1	SSW
12/19/2023 13:51:00	2.6	4.3	1.7	0.01	0.00	-0.01	1.1	W
12/19/2023 13:52:00	2.6	4.7	2.1	0.01	0.00	-0.01	1.1	W
12/19/2023 13:53:00	2.5	5.2	2.7	0.01	0.00	-0.01	1.1	WSW
12/19/2023 13:54:00	3.6	5.2	1.6	0.01	0.00	-0.01	1.1	E
12/19/2023 13:55:00	3.2	6.2	3.0	0.01	0.00	0.00	1.0	SSE
12/19/2023 13:56:00	3.1	6.4	3.3	0.01	0.01	0.00	1.0	WSW
12/19/2023 13:57:00	3.0	6.2	3.3	0.01	0.01	0.00	1.0	W
12/19/2023 13:58:00	2.9	6.2	3.3	0.01	0.01	0.00	1.0	WSW
12/19/2023 13:59:00	2.8	6.2	3.4	0.01	0.01	0.00	1.0	WSW
12/19/2023 14:00:00	2.8	6.3	3.5	0.01	0.01	0.00	1.0	WSW
12/19/2023 14:01:00	2.8	6.3	3.5	0.01	0.01	0.00	1.0	WSW
12/19/2023 14:02:00	2.7	6.5	3.7	0.01	0.01	0.00	1.0	SW
12/19/2023 14:03:00	2.8	6.7	3.9	0.01	0.01	0.00	1.1	WSW
12/19/2023 14:04:00	2.8	6.5	3.7	0.01	0.01	0.00	1.1	SSW
12/19/2023 14:05:00	3.1	6.6	3.5	0.01	0.01	0.00	1.1	WSW
12/19/2023 14:06:00	3.3	6.7	3.3	0.01	0.01	0.00	1.1	WSW
12/19/2023 14:07:00	3.5	6.3	2.8	0.01	0.00	0.00	1.2	WSW
12/19/2023 14:08:00	3.5	6.0	2.5	0.01	0.00	0.00	1.2	WSW
12/19/2023 14:09:00	2.2	6.1	3.9	0.01	0.00	0.00	1.2	W
12/19/2023 14:10:00	2.2	5.3	3.1	0.01	0.00	-0.01	1.2	WSW
12/19/2023 14:11:00	2.4	5.2	2.7	0.01	0.00	-0.01	1.2	WSW
12/19/2023 14:12:00	2.8	5.2	2.3	0.01	0.00	-0.01	1.3	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
12/19/2023 14:13:00	2.9	5.7	2.7	0.01	0.00	-0.01	1.3	WSW
12/19/2023 14:14:00	3.0	6.2	3.2	0.01	0.00	-0.01	1.3	WSW
12/19/2023 14:15:00	3.0	6.2	3.2	0.01	0.00	-0.01	1.2	WSW
12/19/2023 14:16:00	3.2	6.4	3.2	0.01	0.00	-0.01	1.2	WSW
12/19/2023 14:17:00	3.9	6.4	2.5	0.01	0.00	-0.01	1.2	E
12/19/2023 14:18:00	4.3	6.5	2.2	0.01	0.00	-0.01	1.2	WSW
12/19/2023 14:19:00	4.4	6.9	2.5	0.01	0.00	-0.01	1.3	WSW
12/19/2023 14:20:00	4.5	6.7	2.2	0.01	0.00	-0.01	1.3	SE
12/19/2023 14:21:00	4.3	6.7	2.5	0.01	0.00	-0.01	1.3	SW
12/19/2023 14:22:00	4.1	6.7	2.5	0.00	0.00	0.00	1.2	W
12/19/2023 14:23:00	4.4	6.8	2.3	0.00	0.00	0.00	1.3	WSW
12/19/2023 14:24:00	5.0	7.7	2.6	0.00	0.00	0.00	1.3	SSE
12/19/2023 14:25:00	5.4	7.9	2.5	0.00	0.00	0.00	1.3	W
12/19/2023 14:26:00	5.4	8.1	2.6	0.01	0.00	-0.01	1.3	WSW
12/19/2023 14:27:00	5.3	8.4	3.1	0.01	0.00	-0.01	1.3	W
12/19/2023 14:28:00	5.7	7.9	2.2	0.00	0.00	0.00	1.3	ENE
12/19/2023 14:29:00	6.1	7.3	1.1	0.00	0.00	0.00	1.3	SE
12/19/2023 14:30:00	7.6	7.0	-0.6	0.00	0.00	0.00	1.3	E
12/19/2023 14:31:00	7.4	7.8	0.4	0.01	0.00	0.00	1.3	WSW
12/19/2023 14:32:00	6.8	7.9	1.1	0.01	0.00	0.00	1.3	W
12/19/2023 14:33:00	6.4	8.1	1.6	0.01	0.00	0.00	1.3	SW
12/19/2023 14:34:00	6.5	8.0	1.5	0.01	0.00	0.00	1.2	WSW
12/19/2023 14:35:00	6.3	8.2	1.9	0.01	0.00	0.00	1.2	W
12/19/2023 14:36:00	6.6	8.2	1.6	0.01	0.00	0.00	1.2	WSW
12/19/2023 14:37:00	6.8	8.0	1.2	0.01	0.01	0.00	1.2	SE
12/19/2023 14:38:00	6.6	8.1	1.5	0.01	0.01	0.00	1.1	SW
12/19/2023 14:39:00	6.0	7.6	1.6	0.01	0.01	0.00	1.2	SE
12/19/2023 14:40:00	5.7	7.5	1.8	0.01	0.01	0.00	1.2	WSW
12/19/2023 14:41:00	5.5	7.1	1.6	0.01	0.01	0.00	1.2	WSW
12/19/2023 14:42:00	5.3	6.8	1.6	0.00	0.01	0.00	1.2	WSW
12/19/2023 14:43:00	5.1	6.8	1.7	0.00	0.00	0.00	1.3	WSW
12/19/2023 14:44:00	4.7	6.9	2.2	0.00	0.00	0.00	1.3	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
12/19/2023 14:45:00	3.1	7.0	3.9	0.00	0.00	0.00	1.3	W
12/19/2023 14:46:00	3.3	5.8	2.5	0.00	0.00	0.00	1.3	E
12/19/2023 14:47:00	3.4	6.5	3.1	0.00	0.00	0.00	1.3	W
12/19/2023 14:48:00	4.3	5.9	1.6	0.00	0.00	0.00	1.4	ESE
12/19/2023 14:49:00	4.6	5.5	0.9	0.00	0.00	0.00	1.4	E
12/19/2023 14:50:00	4.4	7.2	2.8	0.00	0.00	0.00	1.4	SSW
12/19/2023 14:51:00	4.4	7.3	2.9	0.00	0.00	0.00	1.3	W
12/19/2023 14:52:00	4.3	7.5	3.2	0.00	0.00	0.00	1.4	WSW
12/19/2023 14:53:00	4.3	7.2	2.9	0.00	0.00	0.00	1.4	SW
12/19/2023 14:54:00	4.4	6.8	2.4	0.00	0.00	0.00	1.3	SSW
12/19/2023 14:55:00	4.6	6.5	1.9	0.00	0.00	0.00	1.3	WSW
12/19/2023 14:56:00	4.8	6.6	1.9	0.00	0.00	0.00	1.2	WSW
12/19/2023 14:57:00	5.1	7.0	2.0	0.00	0.00	0.00	1.2	SSW
12/19/2023 14:58:00	5.2	7.2	2.0	0.00	0.00	0.00	1.2	WSW
12/19/2023 14:59:00	5.5	7.3	1.8	0.01	0.00	-0.01	1.2	WSW
12/19/2023 15:00:00	5.7	7.3	1.6	0.01	0.00	-0.01	1.2	WSW
12/19/2023 15:01:00	5.8	7.4	1.7	0.01	0.00	-0.01	1.2	W
12/19/2023 15:02:00	5.9	6.6	0.7	0.01	0.00	-0.01	1.1	WSW
12/19/2023 15:03:00	5.1	6.7	1.6	0.01	0.00	-0.01	1.1	WSW
12/19/2023 15:04:00	4.9	6.8	1.9	0.01	0.00	-0.01	1.1	SW
12/19/2023 15:05:00	5.1	5.0	-0.1	0.01	0.00	-0.01	1.1	WSW
12/19/2023 15:06:00	5.0	4.7	-0.3	0.01	0.00	-0.01	1.1	E
12/19/2023 15:07:00	4.8	4.5	-0.3	0.01	0.00	-0.01	1.0	W
12/19/2023 15:08:00	4.8	4.5	-0.4	0.01	0.00	-0.01	1.0	WSW
12/19/2023 15:09:00	5.3	4.4	-0.9	0.01	0.00	-0.01	1.0	N
12/19/2023 15:10:00				0.01	0.00	0.00	1.0	WSW
12/19/2023 15:11:00				0.01	0.01	0.00	1.0	WSW
12/19/2023 15:12:00	1.8	2.5	0.7	0.01	0.01	0.00	1.0	WSW
12/19/2023 15:13:00	2.2	3.6	1.3	0.01	0.01	0.00	1.0	SW
12/19/2023 15:14:00	4.0	3.0	-0.9	0.01	0.01	0.00	0.9	SE
12/19/2023 15:15:00	5.7	2.7	-3.0	0.01	0.01	0.00	0.9	NNE
12/19/2023 15:16:00	7.9	2.9	-5.0	0.00	0.01	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
12/19/2023 15:17:00	7.0	7.0	0.0	0.00	0.01	0.00	0.9	W
12/19/2023 15:18:00	6.8	8.2	1.4	0.00	0.01	0.00	0.9	WSW
12/19/2023 15:19:00	8.1	7.9	-0.2	0.00	0.01	0.00	0.8	E
12/19/2023 15:20:00	7.7	9.3	1.6	0.00	0.01	0.00	0.8	SSE
12/19/2023 15:21:00	7.3	9.0	1.7	0.00	0.00	0.00	0.9	WSW
12/19/2023 15:22:00	7.0	8.4	1.4	0.00	0.00	0.00	0.9	W
12/19/2023 15:23:00	6.8	8.0	1.1	0.00	0.00	0.00	0.9	W
12/19/2023 15:24:00	6.5	7.7	1.2	0.00	0.00	0.00	0.9	ENE
12/19/2023 15:25:00	6.3	7.3	1.0	0.00	0.00	0.00	0.9	W
12/19/2023 15:26:00	6.3	7.0	0.7	0.00	0.00	0.00	0.9	W
12/19/2023 15:27:00	6.4	7.2	0.8	0.00	0.00	0.00	0.9	SW
12/19/2023 15:28:00	6.4	7.5	1.2	0.00	0.00	0.00	0.9	NW
12/19/2023 15:29:00	6.0	8.2	2.2	0.00	0.00	0.00	1.0	SSE
12/19/2023 15:30:00	6.2	8.2	2.0	0.00	0.00	0.00	1.0	E
12/19/2023 15:31:00	5.3	8.6	3.3	0.00	0.00	0.00	1.0	WSW
12/19/2023 15:32:00	5.3	7.1	1.8	0.00	0.00	0.00	1.1	S
12/19/2023 15:33:00	5.0	6.5	1.5	0.00	0.00	0.00	1.1	SSE
12/19/2023 15:34:00	4.0	6.8	2.9	0.00	0.00	0.00	1.1	WSW
12/19/2023 15:35:00	3.8	6.1	2.3	0.00	0.00	0.00	1.1	WSW
12/19/2023 15:36:00	3.8	6.6	2.8	0.00	0.00	0.00	1.1	SW
12/19/2023 15:37:00	3.6	6.8	3.2	0.00	0.00	0.00	1.1	SW
12/19/2023 15:38:00	3.4	7.5	4.1	0.00	0.00	0.00	1.0	SSE
12/19/2023 15:39:00	3.4	8.3	4.9	0.00	0.00	0.00	1.0	WSW
12/19/2023 15:40:00	3.3	8.7	5.3	0.00	0.00	0.00	1.0	WSW
12/19/2023 15:41:00	3.1	8.8	5.7	0.00	0.00	0.00	1.0	WSW
12/19/2023 15:42:00	3.1	8.6	5.5	0.00	0.00	0.00	1.0	E
12/19/2023 15:43:00	3.2	8.0	4.8	0.00	0.00	0.00	1.1	ESE
12/19/2023 15:44:00	3.1	7.4	4.3	0.00	0.00	0.00	1.1	WSW
12/19/2023 15:45:00	2.3	7.4	5.1	0.00	0.00	0.00	1.1	WSW
12/19/2023 15:46:00	2.3	7.0	4.7	0.00	0.00	0.00	1.1	WSW
12/19/2023 15:47:00	2.2	6.8	4.6	0.00	0.00	0.00	1.1	WNW
12/19/2023 15:48:00	2.3	6.6	4.3	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
12/19/2023 15:49:00	2.4	6.4	4.0	0.00	0.00	0.00	1.1	E
12/19/2023 15:50:00	2.6	6.2	3.6	0.00	0.00	0.00	1.1	WSW
12/19/2023 15:51:00	2.5	5.5	2.9	0.00	0.00	0.00	1.1	ESE
12/19/2023 15:52:00	3.1	5.3	2.2	0.00	0.00	0.00	1.1	SE
12/19/2023 15:53:00	3.2	4.5	1.2	0.00	0.00	0.00	1.1	ESE
12/19/2023 15:54:00	3.2	3.8	0.6	0.00	0.00	0.00	1.1	WSW
12/19/2023 15:55:00	3.2	3.4	0.2	0.00	0.00	0.00	1.1	ESE
12/19/2023 15:56:00	3.2	3.1	0.0	0.00	0.00	0.00	1.1	NE
12/19/2023 15:57:00	3.0	3.1	0.1	0.00	0.00	0.00	1.1	WSW
12/19/2023 15:58:00	3.1	3.5	0.4	0.00	0.00	0.00	1.0	NNE
12/19/2023 15:59:00	3.4	4.5	1.1	0.00	0.00	0.00	1.0	SSW
12/19/2023 16:00:00	3.6	4.6	1.0	0.00	0.00	0.00	1.0	NNW
12/19/2023 16:01:00	3.7	4.6	0.9	0.00	0.00	0.00	0.9	ESE
12/19/2023 16:02:00	3.8	4.5	0.8	0.00	0.00	0.00	0.9	E
12/19/2023 16:03:00	3.9	4.3	0.5	0.00	0.00	0.00	0.9	E
12/19/2023 16:04:00	3.9	3.9	0.0	0.00	0.00	0.00	0.9	N
12/19/2023 16:05:00	3.8	3.7	-0.1	0.00	0.00	0.00	0.8	ESE
12/19/2023 16:06:00	3.9	3.6	-0.3	0.00	0.00	0.00	0.8	ESE
12/19/2023 16:07:00	3.4	3.5	0.1	0.00	0.00	0.00	0.9	E
12/19/2023 16:08:00	3.2	3.5	0.3	0.00	0.00	0.00	0.9	SSE
12/19/2023 16:09:00	3.1	3.2	0.1	0.00	0.00	0.00	0.8	E
12/19/2023 16:10:00	3.1	3.1	0.0	0.00	0.00	0.00	0.8	ENE
12/19/2023 16:11:00	3.1	3.1	0.0	0.00	0.00	0.00	0.8	E
12/19/2023 16:12:00	3.1	3.1	0.0	0.00	0.00	0.00	0.9	W
12/19/2023 16:13:00	2.8	2.7	-0.1	0.00	0.00	0.00	0.9	SW
12/19/2023 16:14:00				0.00	0.00	0.00	0.9	E
12/19/2023 16:15:00				0.00	0.00	0.00	0.9	E
12/19/2023 16:16:00				0.00	0.00	0.00	0.9	E
12/19/2023 16:17:00	1.8	3.2	1.4	0.00	0.00	0.00	0.9	E
12/19/2023 16:18:00	2.3	2.8	0.5	0.00	0.00	0.00	1.0	S
12/19/2023 16:19:00	2.5	3.5	1.0	0.00	0.00	0.00	1.0	SW
12/19/2023 16:20:00	2.7	3.4	0.7	0.00	0.00	0.00	1.0	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
12/19/2023 16:21:00	3.6	3.9	0.3	0.00	0.00	0.00	1.1	WSW
12/19/2023 16:22:00	4.4	4.3	-0.1	0.00	0.00	0.00	1.0	WSW
12/19/2023 16:23:00	4.3	4.9	0.5	0.00	0.00	0.00	1.0	WSW
12/19/2023 16:24:00	4.1	4.9	0.8	0.00	0.00	0.00	1.1	SW
12/19/2023 16:25:00	3.9	4.6	0.8	0.00	0.00	0.00	1.0	SSE
12/19/2023 16:26:00	3.6	4.3	0.7	0.00	0.00	0.00	1.0	SW
12/19/2023 16:27:00	3.5	4.1	0.6	0.00	0.00	0.00	1.0	E
12/19/2023 16:28:00	3.3	3.8	0.6	0.00	0.00	0.00	1.0	SW
12/19/2023 16:29:00	3.1	3.7	0.6	0.00	0.00	0.00	1.0	WSW
12/19/2023 16:30:00	3.0	3.5	0.6	0.00	0.00	0.00	0.9	W
12/19/2023 16:31:00	2.8	3.4	0.6	0.00	0.00	0.00	1.0	W
12/19/2023 16:32:00	2.8	3.2	0.4	0.00	0.00	0.00	0.9	SE
12/19/2023 16:33:00	2.7	3.1	0.4	0.00	0.00	0.00	0.9	SE
12/19/2023 16:34:00	2.6	2.9	0.3	0.00	0.00	0.00	0.9	E
12/19/2023 16:35:00	2.4	2.8	0.3	0.00	0.00	0.00	0.9	S
12/19/2023 16:36:00	2.0	2.4	0.5	0.00	0.00	0.00	0.9	SSE
12/19/2023 16:37:00	1.5	2.1	0.6	0.00	0.00	0.00	0.9	WSW
12/19/2023 16:38:00	1.3	1.7	0.4	0.00	0.00	0.00	0.8	SSE
12/19/2023 16:39:00	1.3	1.4	0.2	0.00	0.00	0.00	0.9	E
12/19/2023 16:40:00	1.3	1.3	0.0	0.00	0.00	0.00	0.9	E
12/19/2023 16:41:00	1.3	1.4	0.1	0.00	0.00	0.00	0.9	S
12/19/2023 16:42:00	1.3	1.4	0.0	0.00	0.00	0.00	0.9	ESE
12/19/2023 16:43:00	1.4	1.4	0.0	0.00	0.00	0.00	0.9	E
12/19/2023 16:44:00	1.4	1.3	-0.1	0.00	0.00	0.00	0.9	ESE
12/19/2023 16:45:00	1.5	1.3	-0.2	0.00	0.00	0.00	0.9	ESE
12/19/2023 16:46:00	1.7	1.3	-0.4	0.00	0.00	0.00	0.9	ESE
12/19/2023 16:47:00	1.8	1.3	-0.5	0.00	0.00	0.00	0.9	ESE
12/19/2023 16:48:00	1.9	1.4	-0.5	0.00	0.00	0.00	1.0	E
12/19/2023 16:49:00	1.9	1.4	-0.5	0.00	0.00	0.00	1.0	SW
12/19/2023 16:50:00	1.9	1.4	-0.5	0.00	0.00	0.00	1.0	S
12/19/2023 16:51:00	1.9	1.9	0.0	0.00	0.00	0.00	1.0	WSW
12/19/2023 16:52:00	1.9	2.1	0.2	0.00	0.00	0.00	1.0	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
12/19/2023 16:53:00	2.0	2.2	0.2	0.00	0.00	0.00	1.0	E