

**DAILY FIELD REPORT 126**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	November 22, 2023
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	7:00 am to 3:30 pm
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<b>Consultant:</b> Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	<b>Langan Field Personnel:</b> Caitlyn Dempsey (Environmental) Mario Hernandez (Geotechnical)
<b>Construction Manager:</b> Consigli Construction Co., Inc. (Consigli)	
<b>Foundation Contractor:</b> Urban Foundation/Engineering (Urban)	

**Work Activities Performed:**

- Urban excavated an about 10-foot-long by 30-foot-wide area to about 10 feet below grade surface (bgs) in the northern part of grids WC02\_0-5 and WC02\_5-10 to prepare for soldier pile installation. Excavated soil/fill was stockpiled in the western part of WC02, pending off-site disposal.
- Urban excavated an about 5-foot-long by 5-foot-wide area to about 12 feet below grade surface (bgs) in the northern part of grids WC02\_0-5, WC02\_5-10, and WC02\_10-15 to expose subsurface obstructions for demolition. Excavated soil/fill was temporarily stockpiled adjacent to the work area prior to being replaced into the excavation area.
- Urban graded an about 40-foot-long by 30-foot-wide area of soil/fill in the eastern part of 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.
- The New York State Department of Environmental Conservation (NYSDEC) was on-site to discuss the implementation of the NYSDEC-approved Remedial Action Work Plan (RAWP) with Langan, Consigli, and Urban.

**Material Tracking:**

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

Materials Export Summary								
Facility Name	Bayshore Soil Management, LLC		Clean Earth of Carteret, LLC		PPark NJ		Faztec Solutions	
Location	Keasbey, NJ		Carteret, NJ		Prospect Park, NJ		Staten Island, NY	
Type of Waste	Non-hazardous Soil		Non-hazardous Soil		Non-hazardous Soil		C&D	
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)
	129	2,540	129	2,580	0	-	15	300

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

**Samples Collected:**

- No samples were collected.

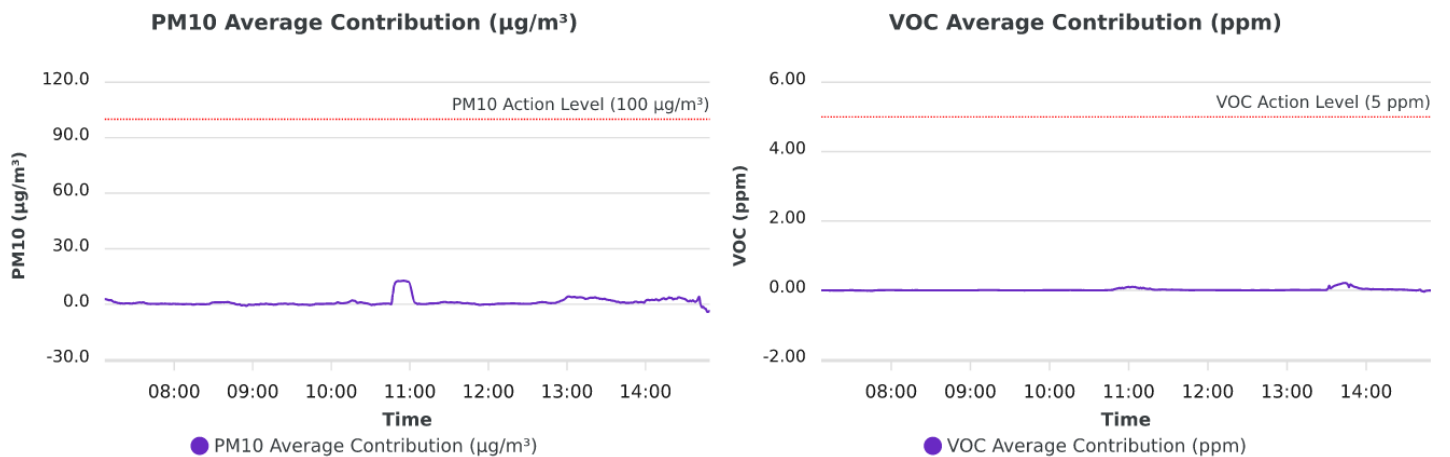
**Air Monitoring:**

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  $\mu\text{g}/\text{m}^3$  for particulates and 5 ppm for organic vapors. No particulates (PM10) or organic vapors exceeded the 15-minute average site contribution action levels of 100  $\mu\text{g}/\text{m}^3$  or 5 ppm, respectively, on this day.

Particulate Monitoring ( $\mu\text{g}/\text{m}^3$ )		Organic Vapor Monitoring (ppm)	
Daily Background	6.2	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-4.1	VOC Average Site Contribution (Minimum)	-0.04
PM10 Average Site Contribution (Maximum)	12.7	VOC Average Site Contribution (Maximum)	0.21

$\mu\text{g}/\text{m}^3$ : micrograms per cubic meter.

ppm: parts per million.



**Planned Activities:**

- Urban will continue installing caisson casings throughout the site.
- Urban will export soil/fill off-site.

**SITE PLAN**



- Site Boundary**
- Waste Characterization Grid Boundary**
- CAMP station 1**
- CAMP station 2**
- Stockpile – Soil (no impacts)**
- Stockpile – C&D**
- 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**
- 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 the southern part of the site (facing south).



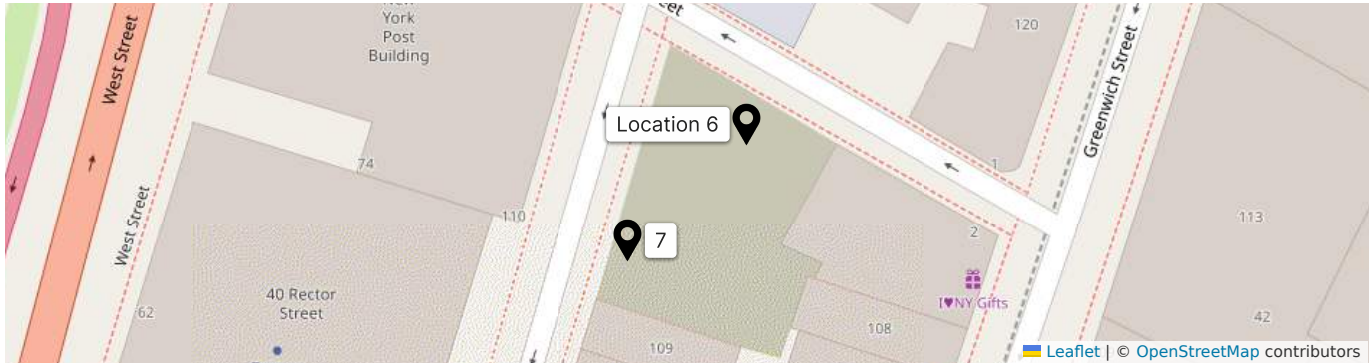
**Photo 2:** View of Urban excavating soil/fill in WC02\_0-5 (facing southwest).



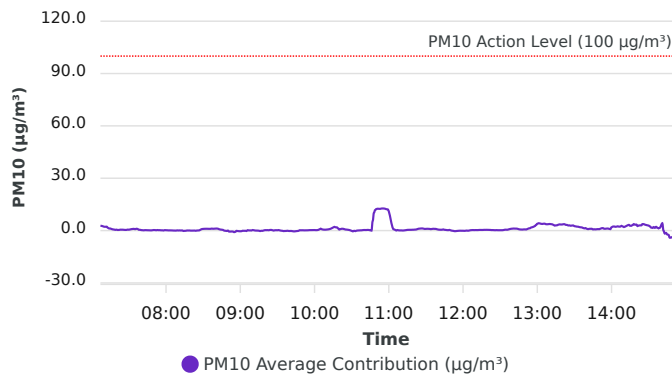
<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	11/22/2023 06:00
		<b>To:</b>	11/22/2023 19:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

<b>Daily Environmental Summary</b>	<b>Windspeed (mph)</b>	<b>Prevailing wind direction</b>
11/22/2023	0.2-2.8	ESE

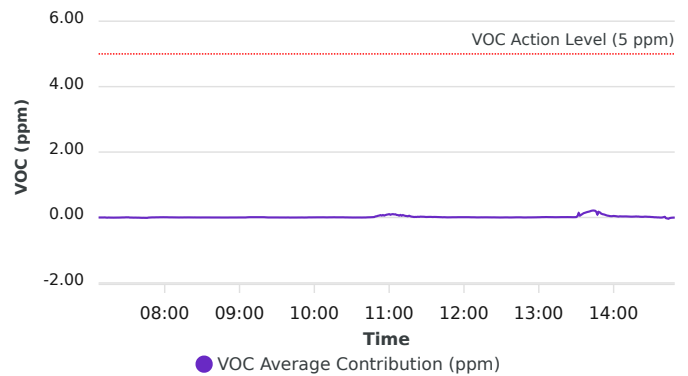
<b>Daily Monitoring Summary</b>	<b>PM10 (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Time</b>	<b>VOC (ppm)</b>	<b>Time</b>
<b>Min Contribution (15 min avg.) - 11/22/2023</b>	-4.1	14:47	-0.04	14:44
<b>Max Contribution (15 min avg.) - 11/22/2023</b>	12.7	10:55	0.21	13:44



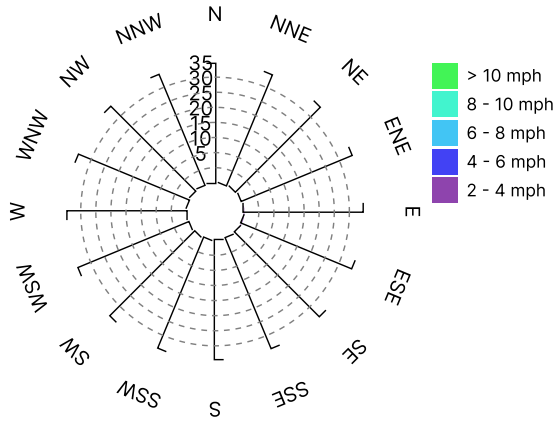
**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**



**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
11/22/2023 07:07:00	6.2	9.0	2.8	0.00	0.00	0.00	1.6	SE
11/22/2023 07:08:00	5.7	8.3	2.7	0.00	0.00	0.00	1.9	ESE
11/22/2023 07:09:00	5.2	7.7	2.5	0.00	0.00	0.00	1.8	ESE
11/22/2023 07:10:00	4.9	7.1	2.2	0.00	0.00	0.00	2.1	E
11/22/2023 07:11:00	4.7	6.8	2.2	0.00	0.00	0.00	2.0	ENE
11/22/2023 07:12:00	4.5	6.7	2.2	0.00	0.00	0.00	2.0	ESE
11/22/2023 07:13:00	4.6	6.2	1.6	0.00	0.00	0.00	1.9	SSE
11/22/2023 07:14:00	4.5	5.7	1.2	0.01	0.00	-0.01	1.8	SW
11/22/2023 07:15:00	4.3	5.5	1.2	0.01	0.00	0.00	1.7	ESE
11/22/2023 07:16:00	4.3	5.2	0.9	0.01	0.00	0.00	1.7	SSE
11/22/2023 07:17:00	4.3	5.0	0.7	0.01	0.00	0.00	1.6	WSW
11/22/2023 07:18:00	4.3	4.9	0.6	0.01	0.00	0.00	1.6	SSW
11/22/2023 07:19:00	4.3	4.7	0.4	0.01	0.00	-0.01	1.6	SSW
11/22/2023 07:20:00	4.2	4.7	0.5	0.01	0.00	0.00	1.5	ESE
11/22/2023 07:21:00	4.2	4.5	0.3	0.01	0.00	0.00	1.5	S
11/22/2023 07:22:00	4.0	4.3	0.4	0.01	0.00	0.00	1.5	ENE
11/22/2023 07:23:00	3.8	4.3	0.5	0.01	0.01	0.00	1.4	E
11/22/2023 07:24:00	3.6	4.1	0.5	0.01	0.01	0.00	1.4	ESE
11/22/2023 07:25:00	3.5	4.0	0.5	0.01	0.01	0.00	1.3	ESE
11/22/2023 07:26:00	3.4	3.8	0.4	0.01	0.01	0.00	1.3	E
11/22/2023 07:27:00	3.3	3.7	0.4	0.01	0.01	0.00	1.2	E
11/22/2023 07:28:00	3.2	3.6	0.4	0.01	0.01	0.00	1.2	SW
11/22/2023 07:29:00	3.1	3.7	0.6	0.01	0.01	0.01	1.2	ESE
11/22/2023 07:30:00	3.1	3.6	0.5	0.01	0.01	0.00	1.2	E
11/22/2023 07:31:00	3.0	3.6	0.7	0.01	0.01	0.01	1.2	ESE
11/22/2023 07:32:00	2.9	3.7	0.8	0.01	0.01	0.00	1.3	SE
11/22/2023 07:33:00	2.8	3.7	0.9	0.02	0.01	0.00	1.3	E
11/22/2023 07:34:00	2.7	3.7	1.0	0.02	0.01	0.00	1.3	SSW
11/22/2023 07:35:00	2.7	3.5	0.8	0.02	0.01	-0.01	1.3	W
11/22/2023 07:36:00	2.5	3.6	1.0	0.02	0.01	0.00	1.3	ESE
11/22/2023 07:37:00	2.5	3.4	0.9	0.02	0.01	0.00	1.3	E
11/22/2023 07:38:00	2.7	3.2	0.5	0.02	0.01	-0.01	1.3	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
11/22/2023 07:39:00	2.8	3.2	0.4	0.02	0.01	-0.01	1.3	SE
11/22/2023 07:40:00	2.9	3.2	0.3	0.02	0.01	-0.01	1.3	W
11/22/2023 07:41:00	3.0	3.2	0.2	0.02	0.01	-0.01	1.3	WSW
11/22/2023 07:42:00	3.0	3.2	0.1	0.02	0.01	-0.01	1.3	SE
11/22/2023 07:43:00	2.9	3.2	0.3	0.02	0.01	-0.01	1.3	ENE
11/22/2023 07:44:00	2.9	3.1	0.2	0.02	0.01	-0.01	1.3	NE
11/22/2023 07:45:00	2.9	3.1	0.2	0.02	0.01	-0.01	1.3	W
11/22/2023 07:46:00	2.9	3.1	0.2	0.02	0.01	-0.01	1.2	ESE
11/22/2023 07:47:00	2.9	3.1	0.1	0.01	0.01	0.00	1.3	ESE
11/22/2023 07:48:00	2.9	3.1	0.1	0.01	0.01	0.00	1.2	SE
11/22/2023 07:49:00	2.9	3.1	0.2	0.01	0.01	0.00	1.3	ESE
11/22/2023 07:50:00	2.9	3.2	0.3	0.00	0.01	0.00	1.3	ENE
11/22/2023 07:51:00	3.0	3.2	0.3	0.00	0.01	0.00	1.3	SE
11/22/2023 07:52:00	3.0	3.2	0.2	0.00	0.01	0.00	1.3	E
11/22/2023 07:53:00	2.9	3.3	0.3	0.00	0.01	0.01	1.3	SE
11/22/2023 07:54:00	3.0	3.2	0.2	0.00	0.01	0.01	1.3	NE
11/22/2023 07:55:00	2.9	3.1	0.2	0.00	0.01	0.01	1.3	ENE
11/22/2023 07:56:00	2.9	3.1	0.1	0.00	0.01	0.01	1.2	SE
11/22/2023 07:57:00	2.9	3.1	0.1	0.00	0.01	0.01	1.3	ENE
11/22/2023 07:58:00	3.0	3.1	0.1	0.00	0.01	0.01	1.3	SSW
11/22/2023 07:59:00	3.1	3.4	0.3	0.00	0.01	0.01	1.3	ESE
11/22/2023 08:00:00	3.3	3.5	0.2	0.00	0.01	0.01	1.3	W
11/22/2023 08:01:00	3.4	3.6	0.2	0.00	0.01	0.01	1.3	W
11/22/2023 08:02:00	3.6	3.7	0.1	0.00	0.01	0.01	1.2	ESE
11/22/2023 08:03:00	3.7	3.8	0.1	0.00	0.01	0.01	1.2	SSW
11/22/2023 08:04:00	3.7	3.8	0.1	0.00	0.01	0.00	1.2	SSW
11/22/2023 08:05:00	3.8	3.8	0.1	0.00	0.01	0.00	1.1	SE
11/22/2023 08:06:00	3.8	3.9	0.0	0.00	0.01	0.00	1.1	ESE
11/22/2023 08:07:00	3.8	3.8	0.0	0.00	0.01	0.00	1.1	SE
11/22/2023 08:08:00	3.8	3.8	0.0	0.00	0.01	0.00	1.1	E
11/22/2023 08:09:00	3.8	3.9	0.1	0.00	0.01	0.00	1.1	SSE
11/22/2023 08:10:00	3.9	3.9	0.0	0.00	0.01	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
11/22/2023 08:11:00	3.8	3.9	0.1	0.00	0.01	0.00	1.0	ESE
11/22/2023 08:12:00	3.8	3.8	0.0	0.00	0.01	0.00	0.9	ESE
11/22/2023 08:13:00	3.8	3.9	0.1	0.00	0.01	0.00	0.9	E
11/22/2023 08:14:00	3.8	3.6	-0.2	0.00	0.01	0.00	0.9	ESE
11/22/2023 08:15:00	3.6	3.5	-0.1	0.00	0.01	0.00	0.9	ENE
11/22/2023 08:16:00	3.5	3.4	-0.1	0.00	0.01	0.00	0.9	E
11/22/2023 08:17:00	3.2	3.3	0.1	0.00	0.00	0.00	0.9	E
11/22/2023 08:18:00	3.1	3.2	0.0	0.00	0.00	0.00	0.8	ESE
11/22/2023 08:19:00	3.1	3.1	0.1	0.00	0.00	0.00	0.9	E
11/22/2023 08:20:00	3.0	3.0	0.0	0.00	0.00	0.00	0.8	WNW
11/22/2023 08:21:00	2.9	2.9	0.0	0.00	0.00	0.00	0.8	SE
11/22/2023 08:22:00	2.9	2.9	0.0	0.00	0.00	0.00	0.8	ENE
11/22/2023 08:23:00	2.8	2.8	0.0	0.00	0.00	0.00	0.7	NW
11/22/2023 08:24:00	2.7	2.6	-0.1	0.00	0.00	0.00	0.7	NNW
11/22/2023 08:25:00	2.5	2.5	0.0	0.00	0.00	0.00	0.7	E
11/22/2023 08:26:00	2.5	2.5	0.1	0.00	0.00	0.00	0.7	E
11/22/2023 08:27:00	2.4	2.5	0.1	0.00	0.00	0.00	0.8	SE
11/22/2023 08:28:00	2.3	2.8	0.6	0.00	0.00	0.00	0.7	ENE
11/22/2023 08:29:00	2.2	3.0	0.9	0.00	0.00	0.00	0.8	ESE
11/22/2023 08:30:00	2.1	3.1	1.0	0.00	0.00	0.00	0.8	SE
11/22/2023 08:31:00	2.1	3.1	1.0	0.00	0.00	0.00	0.8	E
11/22/2023 08:32:00	2.1	3.1	1.0	0.00	0.00	0.00	0.8	E
11/22/2023 08:33:00	2.1	3.1	1.0	0.00	0.00	0.00	0.9	ENE
11/22/2023 08:34:00	2.1	3.1	1.0	0.00	0.00	0.00	0.9	WSW
11/22/2023 08:35:00	2.1	3.1	1.0	0.00	0.00	0.00	0.9	E
11/22/2023 08:36:00	2.1	3.1	1.0	0.00	0.00	0.00	1.0	WSW
11/22/2023 08:37:00	2.0	3.1	1.1	0.00	0.00	0.00	1.0	S
11/22/2023 08:38:00	2.1	3.1	1.0	0.00	0.00	0.00	1.1	SE
11/22/2023 08:39:00	2.1	3.2	1.1	0.00	0.00	0.00	1.1	SSE
11/22/2023 08:40:00	2.1	3.3	1.1	0.00	0.00	0.00	1.2	WSW
11/22/2023 08:41:00	2.1	3.2	1.2	0.00	0.00	0.00	1.2	WSW
11/22/2023 08:42:00	2.1	3.1	1.1	0.00	0.00	0.00	1.2	SE

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
11/22/2023 08:43:00	2.0	2.7	0.8	0.00	0.00	0.00	1.2	WSW
11/22/2023 08:44:00	1.9	2.5	0.6	0.00	0.00	0.00	1.2	SSE
11/22/2023 08:45:00	1.9	2.4	0.5	0.00	0.00	0.00	1.2	N
11/22/2023 08:46:00	1.9	2.3	0.4	0.00	0.00	0.00	1.2	SSW
11/22/2023 08:47:00	2.1	2.1	0.0	0.00	0.00	0.00	1.2	ENE
11/22/2023 08:48:00	2.2	2.1	-0.1	0.00	0.00	0.00	1.1	ENE
11/22/2023 08:49:00	2.3	2.1	-0.2	0.00	0.00	0.00	1.1	SSE
11/22/2023 08:50:00	2.4	2.4	0.0	0.00	0.00	0.00	1.1	W
11/22/2023 08:51:00	3.1	2.5	-0.6	0.00	0.00	0.00	1.1	ESE
11/22/2023 08:52:00	3.3	2.7	-0.6	0.00	0.00	0.00	1.1	SW
11/22/2023 08:53:00	3.4	2.8	-0.5	0.00	0.00	0.00	1.0	NE
11/22/2023 08:54:00	3.5	2.9	-0.6	0.00	0.00	0.00	1.0	ESE
11/22/2023 08:55:00	3.8	2.9	-0.9	0.00	0.00	0.00	1.0	SSW
11/22/2023 08:56:00	3.9	3.1	-0.7	0.00	0.00	0.00	1.0	E
11/22/2023 08:57:00	3.9	3.7	-0.2	0.00	0.00	0.00	0.9	E
11/22/2023 08:58:00	4.0	3.8	-0.3	0.00	0.00	0.00	0.9	ESE
11/22/2023 08:59:00	4.2	3.8	-0.4	0.00	0.00	0.00	0.9	E
11/22/2023 09:00:00	4.2	3.8	-0.4	0.00	0.00	0.00	0.9	E
11/22/2023 09:01:00	4.1	3.8	-0.3	0.00	0.00	0.00	0.9	SE
11/22/2023 09:02:00	3.9	3.8	-0.1	0.00	0.00	0.00	1.0	ESE
11/22/2023 09:03:00	4.0	3.8	-0.1	0.00	0.00	0.00	1.0	SW
11/22/2023 09:04:00	3.9	3.8	-0.1	0.00	0.00	0.00	1.0	SSW
11/22/2023 09:05:00	3.7	3.5	-0.2	0.00	0.00	0.00	1.0	NNE
11/22/2023 09:06:00	3.1	3.3	0.2	0.00	0.01	0.01	1.0	ENE
11/22/2023 09:07:00	3.0	3.0	0.1	0.00	0.01	0.01	1.1	ESE
11/22/2023 09:08:00	2.7	2.8	0.1	0.00	0.01	0.01	1.1	ESE
11/22/2023 09:09:00	2.6	2.6	0.1	0.00	0.01	0.01	1.1	SE
11/22/2023 09:10:00	2.3	2.6	0.3	0.00	0.01	0.01	1.1	SSE
11/22/2023 09:11:00	2.2	2.4	0.2	0.00	0.01	0.01	1.1	W
11/22/2023 09:12:00	2.3	2.4	0.0	0.00	0.01	0.01	1.2	S
11/22/2023 09:13:00	2.7	2.7	0.0	0.00	0.01	0.01	1.1	E
11/22/2023 09:14:00	2.9	2.9	0.0	0.00	0.01	0.01	1.1	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
11/22/2023 09:15:00	3.3	3.2	-0.1	0.00	0.01	0.01	1.1	E
11/22/2023 09:16:00	4.0	3.7	-0.3	0.00	0.01	0.01	1.0	ENE
11/22/2023 09:17:00	4.3	4.2	-0.1	0.00	0.01	0.01	1.0	S
11/22/2023 09:18:00	4.7	4.6	-0.1	0.00	0.01	0.01	1.0	E
11/22/2023 09:19:00	5.0	5.0	0.1	0.00	0.01	0.01	1.0	W
11/22/2023 09:20:00	5.2	5.5	0.3	0.00	0.01	0.01	0.9	WNW
11/22/2023 09:21:00	5.5	5.8	0.2	0.00	0.01	0.01	0.9	E
11/22/2023 09:22:00	5.8	6.0	0.3	0.00	0.00	0.00	0.9	ENE
11/22/2023 09:23:00	6.0	6.2	0.2	0.00	0.00	0.00	0.9	SW
11/22/2023 09:24:00	6.1	6.5	0.4	0.00	0.00	0.00	0.9	ENE
11/22/2023 09:25:00	6.3	6.6	0.4	0.00	0.00	0.00	1.0	ESE
11/22/2023 09:26:00	6.4	6.6	0.2	0.00	0.00	0.00	0.9	SSW
11/22/2023 09:27:00	6.3	6.3	0.0	0.00	0.00	0.00	0.9	ESE
11/22/2023 09:28:00	6.0	6.2	0.2	0.00	0.00	0.00	0.9	E
11/22/2023 09:29:00	6.0	6.2	0.2	0.00	0.00	0.00	1.0	ESE
11/22/2023 09:30:00	6.0	6.2	0.2	0.00	0.00	0.00	1.0	N
11/22/2023 09:31:00	5.7	6.0	0.3	0.00	0.00	0.00	1.0	NW
11/22/2023 09:32:00	5.5	5.6	0.1	0.00	0.00	0.00	1.0	WSW
11/22/2023 09:33:00	5.3	5.3	-0.1	0.00	0.00	0.00	1.0	W
11/22/2023 09:34:00	5.0	4.9	-0.1	0.00	0.00	0.00	1.0	NNW
11/22/2023 09:35:00	4.8	4.5	-0.3	0.00	0.00	0.00	1.0	E
11/22/2023 09:36:00	4.5	4.2	-0.2	0.00	0.00	0.00	1.0	E
11/22/2023 09:37:00	4.2	4.0	-0.2	0.00	0.00	0.00	1.0	E
11/22/2023 09:38:00	4.0	3.9	-0.1	0.00	0.00	0.00	1.0	E
11/22/2023 09:39:00	3.9	3.7	-0.2	0.00	0.00	0.00	1.0	E
11/22/2023 09:40:00	3.8	3.5	-0.3	0.00	0.00	0.00	0.9	SSW
11/22/2023 09:41:00	3.6	3.4	-0.2	0.00	0.00	0.00	0.9	SW
11/22/2023 09:42:00	3.5	3.2	-0.3	0.00	0.00	0.00	0.9	E
11/22/2023 09:43:00	3.4	2.9	-0.5	0.00	0.00	0.00	0.9	ENE
11/22/2023 09:44:00	3.1	2.6	-0.5	0.00	0.00	0.00	0.8	E
11/22/2023 09:45:00	2.7	2.4	-0.3	0.00	0.00	0.00	0.9	ENE
11/22/2023 09:46:00	2.4	2.1	-0.3	0.00	0.00	0.00	0.9	SE

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
11/22/2023 09:47:00	2.2	2.0	-0.2	0.00	0.00	0.00	0.9	E
11/22/2023 09:48:00	1.8	2.0	0.2	0.00	0.00	0.00	0.9	E
11/22/2023 09:49:00	1.8	1.9	0.2	0.00	0.00	0.00	0.8	E
11/22/2023 09:50:00	1.7	1.9	0.2	0.00	0.00	0.00	0.8	E
11/22/2023 09:51:00	1.7	1.9	0.2	0.00	0.00	0.00	0.8	WNW
11/22/2023 09:52:00	1.8	1.9	0.1	0.00	0.00	0.00	0.8	WNW
11/22/2023 09:53:00	1.8	1.9	0.1	0.00	0.00	0.00	0.8	ENE
11/22/2023 09:54:00	1.7	1.9	0.1	0.00	0.00	0.00	0.8	E
11/22/2023 09:55:00	1.7	1.9	0.2	0.00	0.01	0.00	0.8	E
11/22/2023 09:56:00	1.7	2.0	0.3	0.00	0.01	0.00	0.8	ESE
11/22/2023 09:57:00	1.9	2.1	0.3	0.00	0.01	0.00	0.8	E
11/22/2023 09:58:00	2.0	2.2	0.3	0.00	0.01	0.00	0.8	ESE
11/22/2023 09:59:00	2.0	2.3	0.3	0.00	0.01	0.00	0.8	ESE
11/22/2023 10:00:00	2.1	2.4	0.3	0.00	0.01	0.00	0.8	E
11/22/2023 10:01:00	2.2	2.5	0.2	0.00	0.01	0.00	0.8	E
11/22/2023 10:02:00	2.3	2.6	0.3	0.00	0.01	0.01	0.8	ESE
11/22/2023 10:03:00	2.7	3.0	0.4	0.00	0.01	0.01	0.8	E
11/22/2023 10:04:00	3.0	3.7	0.7	0.00	0.01	0.01	0.8	E
11/22/2023 10:05:00	3.3	4.4	1.1	0.00	0.01	0.01	0.8	E
11/22/2023 10:06:00	3.8	4.5	0.7	0.00	0.01	0.01	0.8	SSE
11/22/2023 10:07:00	4.0	4.6	0.6	0.00	0.01	0.01	0.8	W
11/22/2023 10:08:00	4.1	4.6	0.5	0.00	0.01	0.01	0.8	E
11/22/2023 10:09:00	4.1	4.6	0.5	0.00	0.00	0.00	0.8	ENE
11/22/2023 10:10:00	4.1	4.7	0.6	0.00	0.00	0.00	0.8	E
11/22/2023 10:11:00	4.1	4.8	0.7	0.00	0.00	0.00	0.8	ESE
11/22/2023 10:12:00	4.0	4.9	0.8	0.00	0.01	0.01	0.8	ESE
11/22/2023 10:13:00	3.9	5.0	1.0	0.00	0.01	0.01	0.8	NE
11/22/2023 10:14:00	3.8	5.2	1.4	0.00	0.01	0.01	0.8	E
11/22/2023 10:15:00	3.8	5.5	1.8	0.00	0.01	0.01	0.8	E
11/22/2023 10:16:00	3.6	5.7	2.1	0.00	0.01	0.01	0.8	NE
11/22/2023 10:17:00	3.7	5.6	1.9	0.00	0.01	0.01	0.8	SSE
11/22/2023 10:18:00	3.4	5.2	1.9	0.00	0.01	0.01	0.8	SE



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
11/22/2023 10:19:00	3.2	4.5	1.3	0.00	0.01	0.01	0.8	W
11/22/2023 10:20:00	3.2	3.9	0.6	0.00	0.01	0.01	0.8	SW
11/22/2023 10:21:00	3.0	3.9	0.9	0.00	0.01	0.01	0.9	WSW
11/22/2023 10:22:00	3.1	4.2	1.1	0.00	0.01	0.01	0.9	WSW
11/22/2023 10:23:00	3.3	4.3	1.0	0.00	0.01	0.01	1.0	ENE
11/22/2023 10:24:00	3.6	4.4	0.8	0.00	0.01	0.00	1.0	WNW
11/22/2023 10:25:00	3.7	4.3	0.6	0.00	0.01	0.00	1.0	WSW
11/22/2023 10:26:00	3.7	4.3	0.6	0.00	0.01	0.00	1.0	E
11/22/2023 10:27:00	3.7	4.2	0.5	0.00	0.01	0.00	1.0	ESE
11/22/2023 10:28:00	3.7	4.0	0.3	0.00	0.01	0.00	1.0	ESE
11/22/2023 10:29:00	3.7	3.8	0.1	0.00	0.01	0.00	1.0	E
11/22/2023 10:30:00	3.8	3.6	-0.2	0.00	0.00	0.00	0.9	NE
11/22/2023 10:31:00	3.9	3.4	-0.4	0.00	0.00	0.00	1.0	E
11/22/2023 10:32:00	3.7	3.5	-0.1	0.00	0.00	0.00	0.9	E
11/22/2023 10:33:00	3.7	3.4	-0.3	0.00	0.00	0.00	0.9	E
11/22/2023 10:34:00	3.6	3.5	-0.1	0.00	0.00	0.00	0.9	E
11/22/2023 10:35:00	3.6	3.6	0.1	0.00	0.00	0.00	1.0	WSW
11/22/2023 10:36:00	3.5	3.6	0.1	0.00	0.00	0.00	0.9	SSE
11/22/2023 10:37:00	3.1	3.3	0.1	0.00	0.00	0.00	0.9	ESE
11/22/2023 10:38:00	2.9	3.0	0.1	0.00	0.00	0.00	0.8	ESE
11/22/2023 10:39:00	2.6	2.9	0.3	0.00	0.00	0.00	0.8	ENE
11/22/2023 10:40:00	2.5	2.8	0.3	0.00	0.00	0.00	0.8	WSW
11/22/2023 10:41:00	2.5	2.8	0.3	0.00	0.00	0.00	0.8	WSW
11/22/2023 10:42:00	2.5	2.9	0.3	0.00	0.00	0.00	0.8	E
11/22/2023 10:43:00	2.5	2.9	0.4	0.00	0.01	0.01	0.8	E
11/22/2023 10:44:00	2.5	2.9	0.3	0.00	0.01	0.01	0.9	E
11/22/2023 10:45:00	2.6	2.7	0.1	0.00	0.01	0.01	0.9	E
11/22/2023 10:46:00	2.5	2.5	0.0	0.00	0.01	0.01	0.9	SE
11/22/2023 10:47:00	2.5	8.0	5.5	0.00	0.01	0.01	0.9	E
11/22/2023 10:48:00	2.5	12.8	10.2	0.00	0.01	0.01	0.8	ESE
11/22/2023 10:49:00	2.5	14.3	11.8	0.00	0.03	0.03	0.8	SE
11/22/2023 10:50:00	2.3	14.7	12.4	0.00	0.04	0.04	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
11/22/2023 10:51:00	2.1	14.7	12.5	0.00	0.05	0.05	0.8	E
11/22/2023 10:52:00	2.1	14.6	12.5	0.00	0.06	0.06	0.8	E
11/22/2023 10:53:00	2.1	14.6	12.4	0.00	0.07	0.07	0.8	E
11/22/2023 10:54:00	2.1	14.8	12.6	0.01	0.07	0.06	0.8	WSW
11/22/2023 10:55:00	2.1	14.8	12.7	0.01	0.09	0.07	0.9	ENE
11/22/2023 10:56:00	2.1	14.8	12.7	0.03	0.09	0.06	0.9	W
11/22/2023 10:57:00	2.1	14.6	12.5	0.03	0.10	0.07	0.9	ESE
11/22/2023 10:58:00	2.1	14.3	12.3	0.03	0.12	0.09	0.9	ESE
11/22/2023 10:59:00	2.1	14.3	12.2	0.03	0.12	0.09	0.9	ENE
11/22/2023 11:00:00				0.03	0.13	0.10	0.8	E
11/22/2023 11:01:00				0.05	0.13	0.08	0.9	W
11/22/2023 11:02:00				0.05	0.14	0.10	0.9	ENE
11/22/2023 11:03:00				0.05	0.15	0.10	0.9	ENE
11/22/2023 11:04:00	1.4	2.1	0.7	0.05	0.14	0.09	0.9	ESE
11/22/2023 11:05:00	1.5	1.9	0.4	0.05	0.14	0.10	0.9	E
11/22/2023 11:06:00	1.8	1.8	0.1	0.05	0.13	0.08	0.9	WSW
11/22/2023 11:07:00	1.6	1.9	0.3	0.05	0.13	0.07	0.9	E
11/22/2023 11:08:00	1.7	1.8	0.1	0.06	0.11	0.06	0.9	SW
11/22/2023 11:09:00	1.6	1.7	0.1	0.04	0.12	0.08	0.9	ENE
11/22/2023 11:10:00	1.5	1.6	0.1	0.05	0.10	0.06	0.9	WSW
11/22/2023 11:11:00	1.5	1.6	0.0	0.03	0.11	0.07	0.8	ESE
11/22/2023 11:12:00	1.5	1.6	0.1	0.03	0.09	0.06	0.8	E
11/22/2023 11:13:00	1.5	1.6	0.2	0.03	0.08	0.05	0.8	E
11/22/2023 11:14:00	1.5	1.8	0.3	0.03	0.08	0.04	0.8	E
11/22/2023 11:15:00	1.7	2.1	0.4	0.03	0.07	0.04	0.8	E
11/22/2023 11:16:00	1.9	2.3	0.4	0.02	0.07	0.05	0.8	E
11/22/2023 11:17:00	2.0	2.4	0.4	0.02	0.06	0.04	0.8	E
11/22/2023 11:18:00	2.1	2.5	0.4	0.02	0.05	0.03	0.8	SSE
11/22/2023 11:19:00	2.1	2.6	0.5	0.02	0.04	0.02	0.8	NE
11/22/2023 11:20:00	2.2	2.7	0.5	0.02	0.04	0.01	0.8	NNW
11/22/2023 11:21:00	2.2	2.8	0.6	0.02	0.04	0.02	0.8	WNW
11/22/2023 11:22:00	2.3	2.9	0.6	0.02	0.04	0.02	0.7	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
11/22/2023 11:23:00	2.3	3.1	0.8	0.02	0.04	0.02	0.7	E
11/22/2023 11:24:00	2.4	3.4	1.1	0.02	0.04	0.02	0.7	E
11/22/2023 11:25:00	2.4	3.6	1.1	0.01	0.04	0.03	0.7	E
11/22/2023 11:26:00	2.5	3.6	1.2	0.01	0.04	0.02	0.7	ESE
11/22/2023 11:27:00	2.5	3.7	1.2	0.01	0.03	0.02	0.8	SE
11/22/2023 11:28:00	2.6	3.7	1.1	0.01	0.03	0.02	0.8	E
11/22/2023 11:29:00	2.7	3.6	0.9	0.01	0.03	0.02	0.8	SSE
11/22/2023 11:30:00	2.6	3.6	1.0	0.01	0.03	0.01	0.8	NNE
11/22/2023 11:31:00	2.5	3.5	1.0	0.01	0.03	0.02	0.8	ENE
11/22/2023 11:32:00	2.4	3.4	1.0	0.01	0.03	0.02	0.8	ESE
11/22/2023 11:33:00	2.3	3.3	0.9	0.01	0.03	0.02	0.7	SSE
11/22/2023 11:34:00	2.4	3.2	0.8	0.01	0.02	0.02	0.8	ENE
11/22/2023 11:35:00	2.4	3.3	0.9	0.01	0.02	0.01	0.8	E
11/22/2023 11:36:00	2.3	3.3	1.0	0.00	0.02	0.02	0.8	ENE
11/22/2023 11:37:00	2.2	3.2	1.0	0.00	0.02	0.02	0.9	E
11/22/2023 11:38:00	2.3	3.2	1.0	0.00	0.02	0.01	0.9	N
11/22/2023 11:39:00	2.4	3.1	0.8	0.00	0.02	0.01	0.9	ENE
11/22/2023 11:40:00	2.5	3.1	0.6	0.00	0.01	0.01	0.8	E
11/22/2023 11:41:00	2.6	3.1	0.5	0.00	0.01	0.01	0.8	E
11/22/2023 11:42:00	2.7	3.1	0.5	0.00	0.01	0.01	0.8	SE
11/22/2023 11:43:00	2.6	3.1	0.5	0.00	0.01	0.01	0.8	NW
11/22/2023 11:44:00	2.6	3.2	0.7	0.00	0.01	0.01	0.8	E
11/22/2023 11:45:00	2.6	3.1	0.5	0.00	0.01	0.01	0.9	W
11/22/2023 11:46:00	2.6	3.0	0.4	0.00	0.01	0.01	0.8	E
11/22/2023 11:47:00	2.8	3.0	0.3	0.00	0.01	0.00	0.8	E
11/22/2023 11:48:00	2.9	3.1	0.2	0.00	0.01	0.01	0.8	E
11/22/2023 11:49:00	2.9	3.3	0.4	0.00	0.01	0.01	0.8	E
11/22/2023 11:50:00	3.2	3.3	0.1	0.00	0.01	0.01	0.8	ESE
11/22/2023 11:51:00	3.4	3.4	-0.1	0.00	0.01	0.01	0.8	E
11/22/2023 11:52:00	3.6	3.4	-0.1	0.00	0.01	0.01	0.8	NE
11/22/2023 11:53:00	3.6	3.3	-0.3	0.00	0.01	0.01	0.8	E
11/22/2023 11:54:00	3.5	3.2	-0.3	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
11/22/2023 11:55:00	3.3	3.1	-0.2	0.00	0.01	0.01	0.8	ENE
11/22/2023 11:56:00	3.2	3.1	-0.2	0.00	0.01	0.01	0.8	ENE
11/22/2023 11:57:00	3.2	3.1	-0.1	0.00	0.01	0.01	0.8	ESE
11/22/2023 11:58:00	3.1	3.1	-0.1	0.00	0.01	0.01	0.9	ESE
11/22/2023 11:59:00	3.2	3.1	-0.1	0.00	0.01	0.01	0.9	SSE
11/22/2023 12:00:00	3.2	3.1	-0.1	0.00	0.01	0.01	0.9	WNW
11/22/2023 12:01:00	3.2	3.1	-0.2	0.00	0.01	0.01	0.9	E
11/22/2023 12:02:00	3.2	3.1	-0.1	0.00	0.01	0.01	0.9	ENE
11/22/2023 12:03:00	3.0	3.0	0.0	0.00	0.01	0.01	1.0	E
11/22/2023 12:04:00	2.9	2.8	-0.1	0.00	0.01	0.01	1.0	E
11/22/2023 12:05:00	2.6	2.7	0.0	0.00	0.01	0.01	0.9	ENE
11/22/2023 12:06:00	2.4	2.6	0.2	0.00	0.01	0.01	0.9	ESE
11/22/2023 12:07:00	2.3	2.6	0.3	0.00	0.01	0.01	0.9	ESE
11/22/2023 12:08:00	2.3	2.6	0.3	0.00	0.01	0.01	0.9	E
11/22/2023 12:09:00	2.3	2.6	0.3	0.00	0.01	0.01	0.9	WSW
11/22/2023 12:10:00	2.4	2.6	0.3	0.00	0.00	0.00	0.9	E
11/22/2023 12:11:00	2.3	2.6	0.3	0.00	0.00	0.00	0.9	E
11/22/2023 12:12:00	2.3	2.6	0.3	0.00	0.00	0.00	0.9	E
11/22/2023 12:13:00	2.3	2.6	0.3	0.00	0.01	0.00	0.9	ENE
11/22/2023 12:14:00	2.2	2.6	0.4	0.00	0.01	0.01	0.8	ESE
11/22/2023 12:15:00	2.2	2.6	0.3	0.00	0.01	0.00	0.8	WNW
11/22/2023 12:16:00	2.3	2.6	0.3	0.00	0.01	0.01	0.9	NE
11/22/2023 12:17:00	2.3	2.7	0.4	0.00	0.01	0.01	0.9	E
11/22/2023 12:18:00	2.3	2.7	0.4	0.00	0.01	0.01	0.8	E
11/22/2023 12:19:00	2.3	2.7	0.4	0.00	0.01	0.01	0.8	E
11/22/2023 12:20:00	2.4	2.8	0.4	0.00	0.01	0.00	0.8	E
11/22/2023 12:21:00	2.4	2.8	0.4	0.00	0.01	0.00	0.8	ENE
11/22/2023 12:22:00	2.5	2.9	0.4	0.00	0.01	0.00	0.8	ESE
11/22/2023 12:23:00	2.6	2.9	0.3	0.00	0.01	0.00	0.8	E
11/22/2023 12:24:00	2.6	2.8	0.3	0.00	0.01	0.00	0.7	SSW
11/22/2023 12:25:00	2.6	2.9	0.2	0.00	0.01	0.00	0.7	SW
11/22/2023 12:26:00	2.7	3.0	0.2	0.00	0.00	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
11/22/2023 12:27:00	2.9	3.1	0.3	0.00	0.00	0.00	0.7	WSW
11/22/2023 12:28:00	3.0	3.2	0.2	0.00	0.00	0.00	0.7	E
11/22/2023 12:29:00	3.1	3.3	0.2	0.00	0.00	0.00	0.8	SE
11/22/2023 12:30:00	3.1	3.4	0.2	0.00	0.00	0.00	0.8	SSE
11/22/2023 12:31:00	3.2	3.4	0.2	0.00	0.00	0.00	0.8	E
11/22/2023 12:32:00	3.2	3.5	0.2	0.00	0.00	0.00	0.7	ENE
11/22/2023 12:33:00	3.3	3.6	0.3	0.00	0.00	0.00	0.7	NE
11/22/2023 12:34:00	3.2	3.8	0.5	0.00	0.00	0.00	0.7	ESE
11/22/2023 12:35:00	3.3	3.8	0.5	0.00	0.00	0.00	0.7	WSW
11/22/2023 12:36:00	3.4	3.9	0.5	0.00	0.00	0.00	0.7	WSW
11/22/2023 12:37:00	3.4	4.1	0.7	0.00	0.00	0.00	0.8	ENE
11/22/2023 12:38:00	3.3	4.2	0.9	0.00	0.00	0.00	0.8	E
11/22/2023 12:39:00	3.3	4.3	1.0	0.00	0.01	0.00	0.9	E
11/22/2023 12:40:00	3.3	4.4	1.1	0.00	0.01	0.00	0.9	E
11/22/2023 12:41:00	3.2	4.4	1.2	0.00	0.01	0.00	0.9	E
11/22/2023 12:42:00	3.1	4.2	1.1	0.00	0.01	0.01	0.9	E
11/22/2023 12:43:00	3.0	4.2	1.1	0.00	0.01	0.01	0.9	ESE
11/22/2023 12:44:00	3.1	4.2	1.0	0.00	0.01	0.01	0.9	SE
11/22/2023 12:45:00	3.4	4.2	0.8	0.00	0.01	0.01	0.9	WSW
11/22/2023 12:46:00	3.5	4.1	0.7	0.00	0.01	0.00	0.9	S
11/22/2023 12:47:00	3.6	4.2	0.6	0.00	0.01	0.00	0.9	E
11/22/2023 12:48:00	3.6	4.2	0.6	0.00	0.01	0.00	1.0	E
11/22/2023 12:49:00	3.6	4.3	0.7	0.00	0.01	0.00	1.1	E
11/22/2023 12:50:00	3.6	4.3	0.7	0.00	0.01	0.00	1.1	ESE
11/22/2023 12:51:00	3.6	4.3	0.6	0.00	0.01	0.00	1.1	E
11/22/2023 12:52:00	3.7	4.6	0.9	0.00	0.01	0.00	1.1	E
11/22/2023 12:53:00	3.9	5.1	1.2	0.00	0.01	0.00	1.1	E
11/22/2023 12:54:00	4.0	5.3	1.3	0.00	0.01	0.00	1.0	ENE
11/22/2023 12:55:00	4.0	5.8	1.8	0.00	0.01	0.00	1.0	ESE
11/22/2023 12:56:00	4.0	5.9	1.9	0.00	0.01	0.00	1.0	E
11/22/2023 12:57:00	4.0	6.2	2.2	0.00	0.01	0.01	1.1	SE
11/22/2023 12:58:00	4.2	6.8	2.6	0.00	0.01	0.01	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
11/22/2023 12:59:00	4.1	7.3	3.2	0.00	0.01	0.01	1.0	E
11/22/2023 13:00:00	3.8	7.7	3.9	0.00	0.01	0.01	1.0	E
11/22/2023 13:01:00	3.5	7.7	4.2	0.00	0.01	0.01	1.0	E
11/22/2023 13:02:00	3.6	7.7	4.1	0.00	0.01	0.01	1.0	E
11/22/2023 13:03:00	3.8	7.7	3.9	0.00	0.01	0.01	0.9	NNW
11/22/2023 13:04:00	3.9	7.7	3.8	0.00	0.01	0.01	0.9	E
11/22/2023 13:05:00	4.0	7.9	3.9	0.00	0.01	0.01	0.8	E
11/22/2023 13:06:00	4.2	8.1	4.0	0.00	0.01	0.01	0.8	E
11/22/2023 13:07:00	4.4	8.0	3.6	0.00	0.01	0.01	0.8	ENE
11/22/2023 13:08:00	4.3	7.9	3.6	0.00	0.01	0.01	0.8	E
11/22/2023 13:09:00	4.2	7.9	3.7	0.00	0.01	0.01	0.8	E
11/22/2023 13:10:00	4.3	8.1	3.8	0.00	0.01	0.01	0.8	ENE
11/22/2023 13:11:00	4.3	8.0	3.7	0.00	0.01	0.01	0.8	E
11/22/2023 13:12:00	4.4	8.0	3.6	0.00	0.01	0.01	0.7	ENE
11/22/2023 13:13:00	4.4	7.6	3.3	0.00	0.01	0.01	0.7	ENE
11/22/2023 13:14:00	4.4	7.3	2.9	0.00	0.01	0.01	0.7	ESE
11/22/2023 13:15:00	4.5	7.5	3.0	0.00	0.01	0.01	0.7	E
11/22/2023 13:16:00	4.7	7.7	3.0	0.00	0.01	0.01	0.7	E
11/22/2023 13:17:00	4.5	7.9	3.4	0.00	0.01	0.01	0.7	E
11/22/2023 13:18:00	4.3	7.9	3.5	0.00	0.01	0.01	0.8	E
11/22/2023 13:19:00	4.4	7.9	3.5	0.00	0.01	0.01	0.8	E
11/22/2023 13:20:00	4.3	7.8	3.5	0.00	0.01	0.01	0.8	ESE
11/22/2023 13:21:00	4.0	7.7	3.6	0.00	0.01	0.01	0.8	ENE
11/22/2023 13:22:00	3.9	7.5	3.6	0.00	0.01	0.01	0.9	E
11/22/2023 13:23:00	3.8	7.1	3.3	0.00	0.01	0.01	0.9	E
11/22/2023 13:24:00	3.7	7.0	3.2	0.00	0.01	0.01	0.9	NNE
11/22/2023 13:25:00	3.6	6.5	2.9	0.00	0.01	0.01	0.9	ENE
11/22/2023 13:26:00	3.6	6.6	3.0	0.00	0.01	0.01	0.9	E
11/22/2023 13:27:00	3.6	6.4	2.8	0.00	0.01	0.01	0.9	SSW
11/22/2023 13:28:00	3.5	6.4	2.9	0.00	0.01	0.01	0.9	E
11/22/2023 13:29:00	3.4	6.3	2.9	0.00	0.01	0.01	0.9	NNE
11/22/2023 13:30:00	3.3	5.8	2.5	0.00	0.01	0.01	0.9	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
11/22/2023 13:31:00	3.1	5.5	2.4	0.00	0.04	0.04	0.9	ESE
11/22/2023 13:32:00	3.0	5.3	2.3	0.00	0.14	0.14	0.9	ESE
11/22/2023 13:33:00	3.1	5.3	2.2	0.08	0.14	0.06	0.9	WSW
11/22/2023 13:34:00	3.3	5.2	2.0	0.08	0.16	0.08	0.8	E
11/22/2023 13:35:00	3.4	5.3	1.9	0.08	0.19	0.11	0.8	ENE
11/22/2023 13:36:00	3.4	5.2	1.8	0.08	0.21	0.13	0.8	E
11/22/2023 13:37:00	3.6	5.1	1.5	0.08	0.23	0.14	0.8	E
11/22/2023 13:38:00	3.9	5.2	1.3	0.08	0.24	0.16	0.7	E
11/22/2023 13:39:00	4.1	5.5	1.4	0.08	0.25	0.17	0.7	ENE
11/22/2023 13:40:00	4.4	5.4	1.0	0.08	0.26	0.18	0.7	E
11/22/2023 13:41:00	4.4	5.3	0.8	0.08	0.27	0.19	0.7	E
11/22/2023 13:42:00	4.4	5.4	1.0	0.08	0.28	0.20	0.7	N
11/22/2023 13:43:00	4.4	5.4	1.0	0.08	0.29	0.21	0.7	E
11/22/2023 13:44:00	4.4	5.5	1.0	0.08	0.30	0.21	0.7	NNE
11/22/2023 13:45:00	4.8	5.4	0.7	0.09	0.29	0.21	0.7	W
11/22/2023 13:46:00	4.9	5.7	0.8	0.09	0.27	0.18	0.7	ENE
11/22/2023 13:47:00	5.0	5.7	0.7	0.09	0.17	0.09	0.7	E
11/22/2023 13:48:00	5.0	5.7	0.8	0.01	0.18	0.17	0.7	E
11/22/2023 13:49:00	4.9	5.7	0.8	0.01	0.16	0.15	0.7	ENE
11/22/2023 13:50:00	4.7	5.5	0.8	0.01	0.13	0.12	0.7	W
11/22/2023 13:51:00	4.8	5.8	1.1	0.01	0.11	0.10	0.7	E
11/22/2023 13:52:00	4.6	5.9	1.4	0.01	0.10	0.10	0.7	ESE
11/22/2023 13:53:00	4.4	5.8	1.4	0.01	0.09	0.08	0.8	ESE
11/22/2023 13:54:00	4.4	5.5	1.0	0.01	0.08	0.07	0.7	WNW
11/22/2023 13:55:00	4.3	5.4	1.0	0.02	0.07	0.06	0.8	SSE
11/22/2023 13:56:00	4.3	5.4	1.1	0.02	0.07	0.05	0.8	ESE
11/22/2023 13:57:00	4.2	5.4	1.2	0.02	0.06	0.04	0.8	E
11/22/2023 13:58:00	4.2	5.2	1.0	0.02	0.06	0.04	0.8	N
11/22/2023 13:59:00	4.1	4.9	0.8	0.02	0.06	0.04	0.8	ENE
11/22/2023 14:00:00	3.8	5.7	1.9	0.01	0.06	0.05	0.8	ESE
11/22/2023 14:01:00	3.6	5.9	2.3	0.01	0.06	0.04	0.8	ESE
11/22/2023 14:02:00	3.5	5.9	2.4	0.01	0.05	0.04	0.8	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
11/22/2023 14:03:00	3.5	5.7	2.2	0.01	0.05	0.03	0.8	W
11/22/2023 14:04:00	3.4	5.7	2.3	0.01	0.04	0.03	0.8	E
11/22/2023 14:05:00	3.6	6.0	2.4	0.01	0.04	0.04	0.8	ENE
11/22/2023 14:06:00	3.6	5.9	2.3	0.01	0.04	0.03	0.8	NNW
11/22/2023 14:07:00	3.6	5.9	2.3	0.01	0.04	0.03	0.8	ENE
11/22/2023 14:08:00	3.5	6.2	2.7	0.01	0.04	0.03	0.8	ESE
11/22/2023 14:09:00	3.8	6.2	2.4	0.01	0.04	0.03	0.8	S
11/22/2023 14:10:00	4.1	6.1	2.0	0.01	0.04	0.03	0.8	SW
11/22/2023 14:11:00	4.1	6.4	2.3	0.01	0.04	0.03	0.8	ESE
11/22/2023 14:12:00	4.2	6.8	2.7	0.01	0.04	0.03	0.9	ESE
11/22/2023 14:13:00	4.3	7.3	3.0	0.01	0.03	0.03	0.9	E
11/22/2023 14:14:00	4.4	7.7	3.3	0.01	0.03	0.03	0.9	E
11/22/2023 14:15:00	4.4	7.2	2.8	0.01	0.03	0.03	0.9	E
11/22/2023 14:16:00	4.5	7.2	2.8	0.01	0.03	0.03	0.9	ENE
11/22/2023 14:17:00	4.5	7.7	3.2	0.01	0.04	0.03	0.9	ESE
11/22/2023 14:18:00	4.3	8.0	3.7	0.01	0.04	0.03	0.9	E
11/22/2023 14:19:00	4.5	7.8	3.3	0.01	0.04	0.03	0.8	W
11/22/2023 14:20:00	4.3	7.7	3.5	0.01	0.04	0.03	0.8	ENE
11/22/2023 14:21:00	4.8	7.4	2.6	0.01	0.04	0.02	0.9	WSW
11/22/2023 14:22:00	4.8	7.7	2.9	0.01	0.03	0.02	0.8	NE
11/22/2023 14:23:00	4.8	7.8	3.0	0.01	0.03	0.02	0.9	NE
11/22/2023 14:24:00	4.7	7.7	3.0	0.01	0.03	0.02	0.9	SSE
11/22/2023 14:25:00	4.1	7.9	3.7	0.01	0.03	0.03	0.8	E
11/22/2023 14:26:00	4.0	7.7	3.7	0.01	0.03	0.03	0.8	E
11/22/2023 14:27:00	3.9	7.3	3.4	0.01	0.03	0.02	0.8	ENE
11/22/2023 14:28:00	3.8	7.0	3.2	0.01	0.03	0.02	0.8	E
11/22/2023 14:29:00	3.6	6.7	3.0	0.01	0.03	0.02	0.8	ENE
11/22/2023 14:30:00	3.7	6.5	2.9	0.01	0.03	0.01	0.8	SSW
11/22/2023 14:31:00	3.7	6.1	2.4	0.01	0.02	0.01	0.8	E
11/22/2023 14:32:00	3.8	5.5	1.7	0.01	0.02	0.01	0.8	SW
11/22/2023 14:33:00	3.9	5.4	1.5	0.01	0.02	0.01	0.8	WSW
11/22/2023 14:34:00	3.7	5.7	2.0	0.01	0.02	0.01	0.9	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
11/22/2023 14:35:00	3.8	5.4	1.6	0.01	0.02	0.00	0.9	S
11/22/2023 14:36:00	3.1	5.3	2.1	0.01	0.02	0.00	0.9	S
11/22/2023 14:37:00	3.1	4.7	1.6	0.01	0.01	0.00	0.9	SW
11/22/2023 14:38:00	3.0	4.3	1.3	0.01	0.01	0.00	0.9	ENE
11/22/2023 14:39:00	2.7	4.3	1.6	0.01	0.01	0.00	0.9	N
11/22/2023 14:41:00	2.1	6.2	4.2	0.00	0.02	0.02	0.9	E
11/22/2023 14:42:00	4.6	4.5	-0.1	0.03	0.01	-0.02	0.7	W
11/22/2023 14:43:00	5.4	3.8	-1.7	0.04	0.01	-0.03	0.8	W
11/22/2023 14:44:00	6.2	4.9	-1.4	0.04	0.01	-0.04	0.7	S
11/22/2023 14:45:00	7.1	4.9	-2.2	0.04	0.02	-0.02	0.7	E
11/22/2023 14:46:00	7.5	5.1	-2.4	0.03	0.02	-0.01	0.7	E
11/22/2023 14:47:00	9.0	4.9	-4.1	0.03	0.02	-0.01	0.7	ESE
11/22/2023 14:48:00	8.8	4.8	-4.1	0.02	0.02	0.00	0.7	E
11/22/2023 14:49:00	8.3	4.7	-3.6	0.02	0.02	0.00	0.8	E