

**DAILY FIELD REPORT 120**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	November 15, 2023
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	7:00 am to 5:30 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) Xianglei Zheng (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 20-foot-long by 15-foot-wide area from about 10 feet below grade surface (bgs) to about 15 feet bgs in the southern part of grid WC03\_10-15 and an about 10-foot-long by 5-foot-wide area from about 15 feet bgs to 18 feet bgs in the eastern part of grid WC03\_15-20 to prepare for lagging installation. Excavated soil/fill was stockpiled in the eastern part of WC02, pending off-site disposal.
- Urban excavated an about 10-foot-long by 5-foot-wide area to about 8 feet bgs in the northern part of waste characterization grids WC02\_0-5 and WC02\_5-10 for equipment mobilization. Excavated soil/fill was stockpiled in the eastern part of WC02, pending off-site disposal.
- Urban graded an about 30-foot-long by 20-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.
- Urban continued installing two rock sockets for two caissons in the southern part of the site.
- Urban installed reinforcement and grouted one caisson for completion in the southern part of the site.

**Material Tracking:**

- The following soil/fill was exported from the site:
  - 6 loads of soil/fill from waste characterization grids WC02\_0-5, WC02\_5-10, WC03\_5-10, WC03\_10-15 and/or WC05\_0-5 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	-	6	120	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	120	2,400	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

**Samples Collected:**

- No samples were collected.

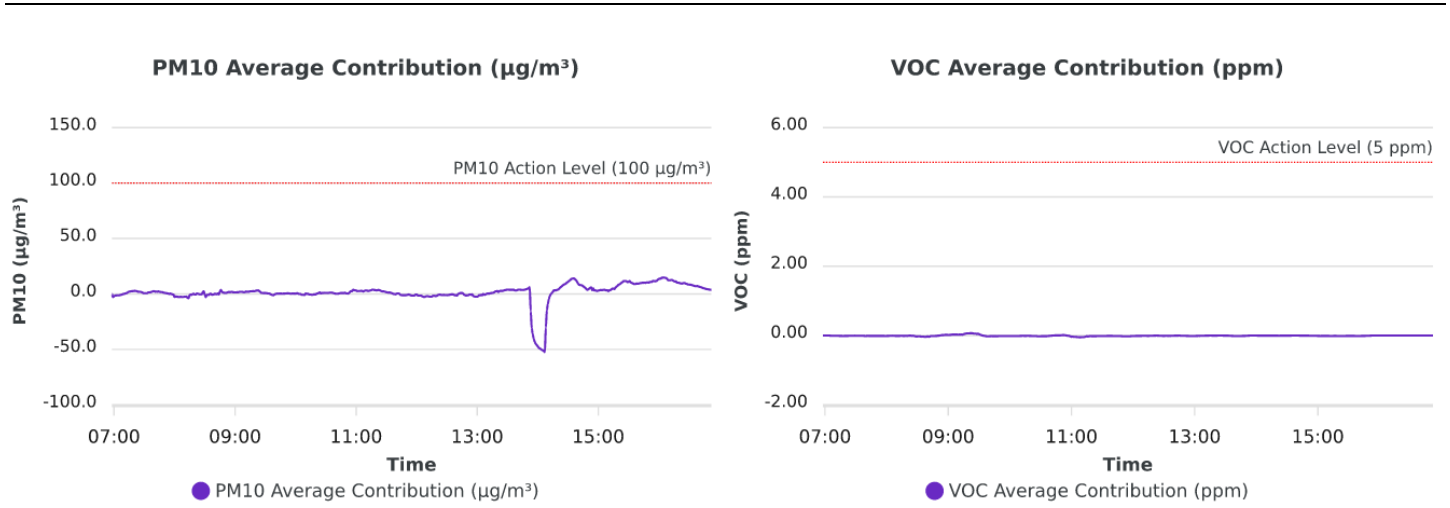
**Air Monitoring:**

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 levels 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	8.2	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-52.5	VOC Average Site Contribution (Minimum)	-0.05
PM10 Average Site Contribution (Maximum)	14.8	VOC Average Site Contribution (Maximum)	0.07

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

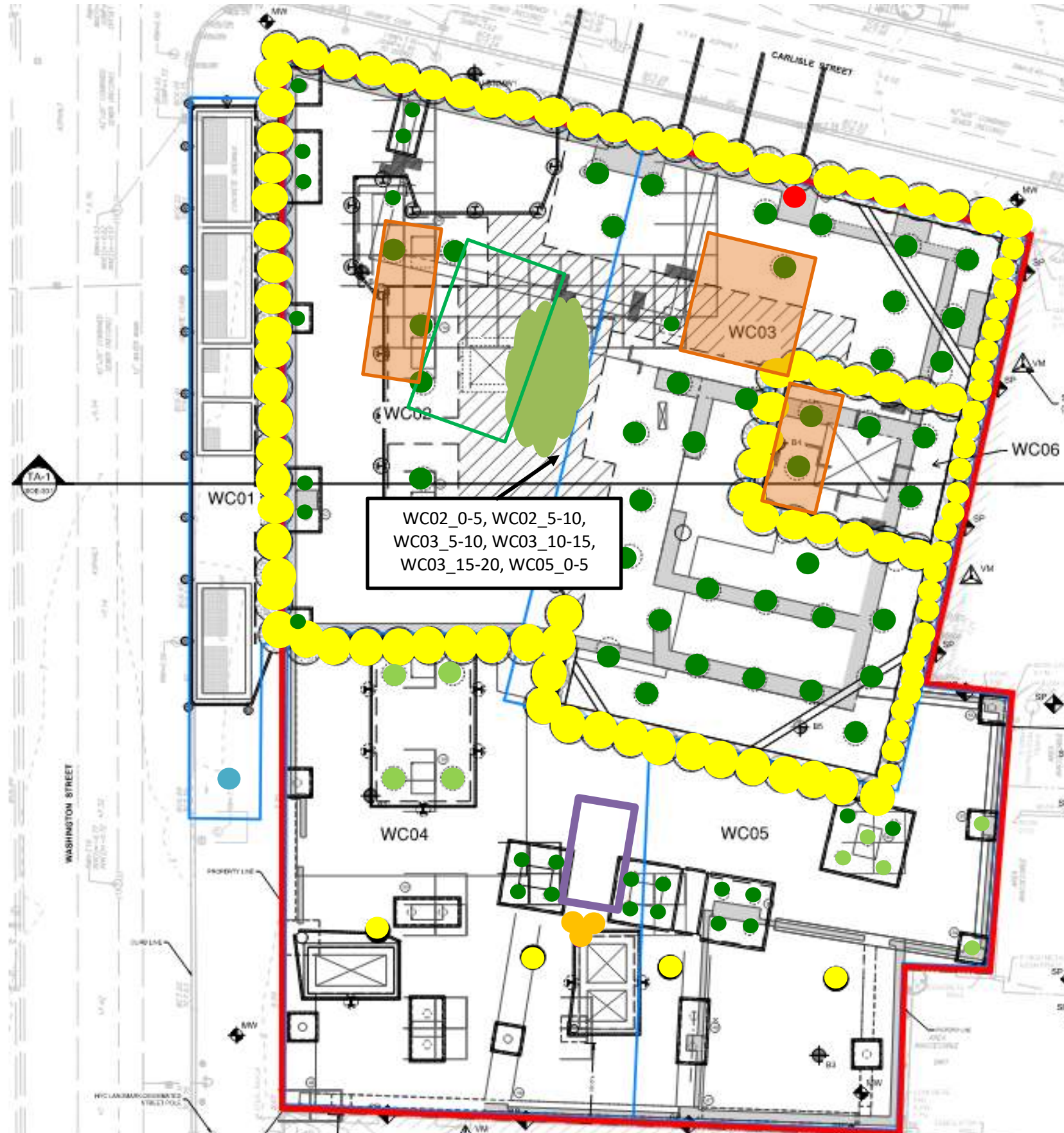
ppm: parts per million.



**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 Urban loading a tri-axial truck with soil/fill for off-site disposal (facing east).



**Photo 2:** View of Urban excavating soil/fill in WC03\_15-20 (facing southeast).



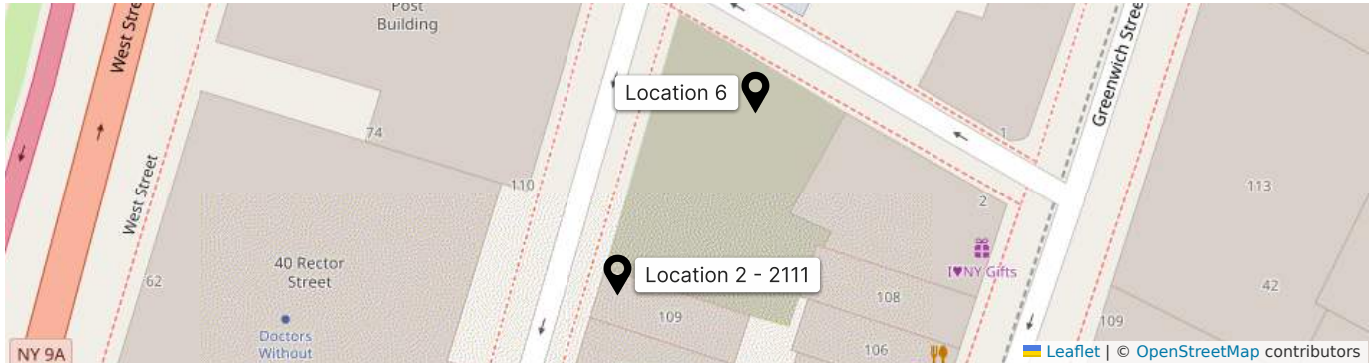
**Photo 3:** View of the site entrance/exit at the corner of Carlisle and Washington Street at the end of the work day (facing southwest).



<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	11/15/2023 06:00
		<b>To:</b>	11/15/2023 18:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

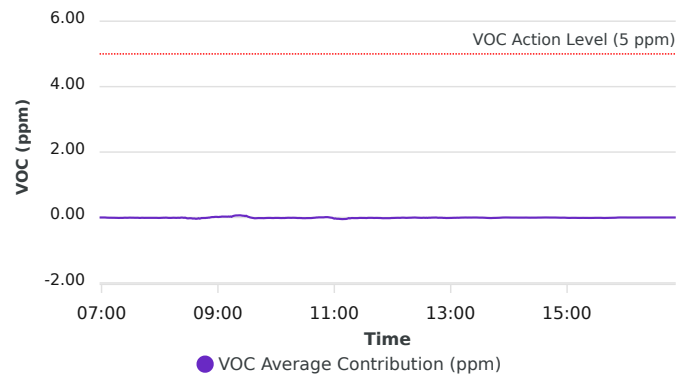
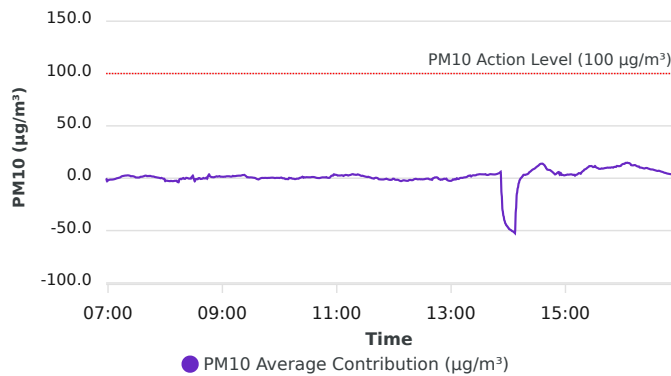
<b>Daily Environmental Summary</b>	<b>Windspeed (mph)</b>	<b>Prevailing wind direction</b>
11/15/2023	0.2-4.8	WSW

<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.) - 11/15/2023</b>	-52.5	14:07	-0.05	11:08
<b>Max Contribution (15 min avg.) - 11/15/2023</b>	14.8	16:05	0.07	09:23

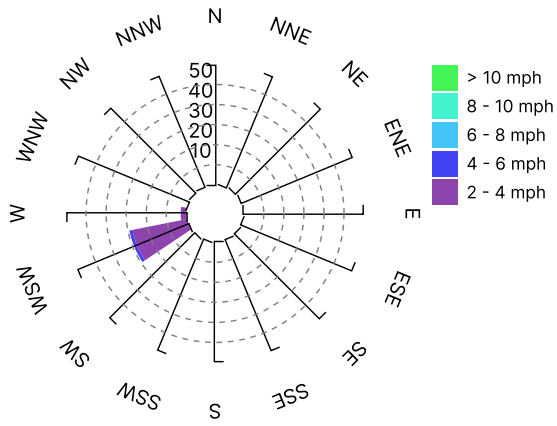


**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**

**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
11/15/2023 06:58:00	8.2	8.1	0.0	0.00	0.00	0.00	0.8	WNW
11/15/2023 06:59:00	9.9	7.0	-2.9	0.00	0.00	0.00	0.7	WNW
11/15/2023 07:00:00	8.7	6.6	-2.1	0.00	0.00	0.00	0.6	WSW
11/15/2023 07:01:00	7.9	6.4	-1.6	0.00	0.00	0.00	0.7	W
11/15/2023 07:02:00	7.5	6.1	-1.4	0.00	0.00	0.00	0.7	WNW
11/15/2023 07:03:00	7.3	6.0	-1.3	0.00	0.00	0.00	0.7	WSW
11/15/2023 07:04:00	7.3	6.0	-1.3	0.00	0.00	0.00	0.7	W
11/15/2023 07:05:00	7.3	6.0	-1.2	0.00	0.00	0.00	0.7	SW
11/15/2023 07:06:00	7.1	6.1	-1.1	0.01	0.00	-0.01	0.7	WSW
11/15/2023 07:07:00	6.9	6.1	-0.8	0.01	0.00	-0.01	0.7	W
11/15/2023 07:08:00	6.8	6.2	-0.6	0.01	0.00	-0.01	0.7	WSW
11/15/2023 07:09:00	6.6	6.5	-0.1	0.01	0.00	-0.01	0.7	WSW
11/15/2023 07:10:00	6.5	6.6	0.1	0.01	0.00	-0.01	0.7	WNW
11/15/2023 07:11:00	6.4	6.8	0.3	0.01	0.00	-0.01	0.7	S
11/15/2023 07:12:00	6.3	6.9	0.6	0.01	0.00	-0.01	0.7	W
11/15/2023 07:13:00	6.0	6.9	0.9	0.01	0.00	-0.01	0.7	WSW
11/15/2023 07:14:00	5.5	7.2	1.7	0.01	0.00	-0.01	0.7	NW
11/15/2023 07:15:00	5.4	7.4	2.0	0.01	0.00	-0.01	0.7	WSW
11/15/2023 07:16:00	5.4	7.5	2.2	0.01	0.00	-0.01	0.7	WSW
11/15/2023 07:17:00	5.3	7.7	2.4	0.01	0.00	-0.01	0.7	WSW
11/15/2023 07:18:00	5.2	7.7	2.5	0.01	0.00	-0.01	0.7	W
11/15/2023 07:19:00	5.1	7.7	2.5	0.01	0.00	-0.01	0.7	NNW
11/15/2023 07:20:00	5.0	7.7	2.7	0.01	0.00	-0.01	0.7	W
11/15/2023 07:21:00	5.0	7.8	2.7	0.01	0.00	-0.01	0.8	WSW
11/15/2023 07:22:00	5.2	7.8	2.6	0.01	0.00	-0.01	0.8	WSW
11/15/2023 07:23:00	5.3	7.6	2.4	0.01	0.00	-0.01	0.8	NE
11/15/2023 07:24:00	5.5	7.3	1.8	0.01	0.00	-0.01	0.8	E
11/15/2023 07:25:00	5.4	7.4	2.0	0.01	0.00	-0.01	0.8	WSW
11/15/2023 07:26:00	5.4	7.3	1.9	0.01	0.00	-0.01	0.8	WSW
11/15/2023 07:27:00	5.6	7.3	1.7	0.01	0.00	-0.01	0.8	S
11/15/2023 07:28:00	5.6	7.0	1.4	0.01	0.01	-0.01	0.8	E
11/15/2023 07:29:00	5.9	6.7	0.8	0.01	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
11/15/2023 07:30:00	5.9	6.6	0.7	0.01	0.01	-0.01	0.8	WSW
11/15/2023 07:31:00	5.9	6.5	0.7	0.01	0.01	-0.01	0.8	WSW
11/15/2023 07:32:00	5.9	6.5	0.7	0.01	0.01	-0.01	0.8	WSW
11/15/2023 07:33:00	5.9	6.7	0.8	0.01	0.01	-0.01	0.8	W
11/15/2023 07:34:00	5.8	7.2	1.4	0.01	0.01	-0.01	0.8	W
11/15/2023 07:35:00	5.8	7.2	1.4	0.01	0.01	-0.01	0.8	WSW
11/15/2023 07:36:00	5.7	7.2	1.5	0.01	0.01	-0.01	0.8	WNW
11/15/2023 07:37:00	5.5	7.3	1.8	0.01	0.01	-0.01	0.7	WSW
11/15/2023 07:38:00	5.3	7.4	2.1	0.01	0.00	-0.01	0.7	S
11/15/2023 07:39:00	5.1	7.6	2.5	0.01	0.00	-0.01	0.7	WNW
11/15/2023 07:40:00	5.1	7.5	2.4	0.01	0.00	-0.01	0.7	W
11/15/2023 07:41:00	5.2	7.2	1.9	0.01	0.00	-0.01	0.7	ENE
11/15/2023 07:42:00	5.1	7.3	2.2	0.01	0.00	-0.01	0.7	W
11/15/2023 07:43:00	5.3	7.2	2.0	0.01	0.00	-0.01	0.8	SE
11/15/2023 07:44:00	5.1	7.4	2.3	0.01	0.00	-0.01	0.8	NW
11/15/2023 07:45:00	5.5	7.5	2.0	0.01	0.00	-0.01	0.7	WSW
11/15/2023 07:46:00	5.8	7.6	1.7	0.01	0.00	-0.01	0.8	SW
11/15/2023 07:47:00	5.9	7.6	1.6	0.01	0.00	-0.01	0.8	WNW
11/15/2023 07:48:00	5.8	7.4	1.6	0.01	0.00	-0.01	0.8	W
11/15/2023 07:49:00	5.8	7.0	1.2	0.01	0.00	-0.01	0.8	WSW
11/15/2023 07:50:00	5.9	6.9	1.0	0.01	0.00	-0.01	0.9	WSW
11/15/2023 07:51:00	5.9	6.8	0.8	0.01	0.00	-0.01	0.9	WSW
11/15/2023 07:52:00	6.0	6.7	0.6	0.01	0.00	-0.01	0.9	W
11/15/2023 07:53:00	6.1	6.6	0.5	0.01	0.00	-0.01	0.9	W
11/15/2023 07:54:00	6.1	6.4	0.3	0.01	0.00	-0.01	0.9	W
11/15/2023 07:55:00	6.2	6.2	0.0	0.01	0.00	-0.01	1.0	WSW
11/15/2023 07:56:00	6.0	6.4	0.3	0.01	0.00	-0.01	1.0	ENE
11/15/2023 07:57:00	6.2	6.1	-0.1	0.01	0.00	-0.01	0.9	WSW
11/15/2023 07:58:00	6.6	6.2	-0.4	0.01	0.00	-0.01	0.9	WSW
11/15/2023 07:59:00	6.7	6.2	-0.5	0.01	0.00	-0.01	0.9	W
11/15/2023 08:00:00	8.6	5.8	-2.8	0.01	0.00	-0.01	0.9	E
11/15/2023 08:01:00	8.3	5.9	-2.3	0.01	0.00	-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
11/15/2023 08:02:00	8.2	5.8	-2.4	0.01	0.00	-0.01	0.9	NE
11/15/2023 08:03:00	8.3	5.7	-2.6	0.01	0.00	-0.01	0.9	WSW
11/15/2023 08:04:00	8.3	5.6	-2.7	0.01	0.00	-0.01	0.9	E
11/15/2023 08:05:00	8.4	5.6	-2.8	0.01	0.00	-0.01	0.8	W
11/15/2023 08:06:00	8.3	5.8	-2.5	0.01	0.01	-0.01	0.8	ENE
11/15/2023 08:07:00	8.5	5.7	-2.7	0.01	0.01	-0.01	0.8	WNW
11/15/2023 08:08:00	8.5	5.7	-2.8	0.01	0.01	-0.01	0.8	WSW
11/15/2023 08:09:00	8.4	5.7	-2.7	0.02	0.01	-0.01	0.8	W
11/15/2023 08:10:00	8.3	5.9	-2.5	0.02	0.01	-0.01	0.8	W
11/15/2023 08:11:00	8.3	5.9	-2.5	0.02	0.01	-0.01	0.8	N
11/15/2023 08:12:00	8.2	5.8	-2.4	0.02	0.01	-0.01	0.8	WSW
11/15/2023 08:13:00	9.4	5.8	-3.6	0.01	0.01	-0.01	0.8	NNE
11/15/2023 08:14:00	9.6	5.7	-3.9	0.01	0.01	-0.01	0.8	SE
11/15/2023 08:15:00	7.3	6.4	-0.9	0.01	0.01	-0.01	0.7	W
11/15/2023 08:16:00	7.5	6.9	-0.6	0.01	0.01	-0.01	0.7	WNW
11/15/2023 08:17:00	7.8	7.0	-0.9	0.02	0.01	-0.01	0.7	W
11/15/2023 08:18:00	7.7	7.5	-0.2	0.02	0.01	-0.01	0.7	NNE
11/15/2023 08:19:00	7.5	7.7	0.2	0.02	0.01	-0.01	0.7	ENE
11/15/2023 08:20:00	8.2	7.7	-0.6	0.02	0.01	-0.01	0.7	SE
11/15/2023 08:21:00	8.2	7.6	-0.5	0.02	0.01	-0.01	0.7	NW
11/15/2023 08:22:00	7.9	8.3	0.4	0.02	0.01	0.00	0.7	ENE
11/15/2023 08:23:00	7.9	8.2	0.2	0.02	0.01	0.00	0.7	W
11/15/2023 08:24:00	8.2	8.2	-0.1	0.02	0.01	-0.01	0.7	SW
11/15/2023 08:25:00	8.4	8.0	-0.4	0.03	0.01	-0.01	0.7	SW
11/15/2023 08:26:00	8.3	8.0	-0.3	0.03	0.02	-0.01	0.7	ENE
11/15/2023 08:27:00	8.3	8.0	-0.4	0.04	0.02	-0.01	0.7	W
11/15/2023 08:28:00	6.5	8.0	1.5	0.04	0.02	-0.02	0.8	W
11/15/2023 08:29:00	6.2	8.7	2.5	0.05	0.02	-0.03	0.8	WSW
11/15/2023 08:30:00	8.8	8.1	-0.8	0.05	0.02	-0.03	0.8	NNE
11/15/2023 08:31:00	10.1	7.2	-2.9	0.04	0.02	-0.02	0.8	SE
11/15/2023 08:32:00	9.7	8.9	-0.8	0.05	0.02	-0.02	0.8	WSW
11/15/2023 08:33:00	9.8	9.0	-0.8	0.05	0.02	-0.03	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
11/15/2023 08:34:00	9.9	8.9	-1.0	0.05	0.02	-0.03	0.8	WNW
11/15/2023 08:35:00	9.4	9.5	0.1	0.05	0.02	-0.03	0.8	WSW
11/15/2023 08:36:00	9.6	9.7	0.1	0.05	0.02	-0.03	0.8	ESE
11/15/2023 08:37:00	9.7	9.0	-0.7	0.05	0.01	-0.04	0.8	WSW
11/15/2023 08:38:00	9.8	9.2	-0.6	0.05	0.01	-0.04	0.7	NW
11/15/2023 08:39:00	9.7	9.2	-0.5	0.05	0.01	-0.03	0.8	WSW
11/15/2023 08:40:00	9.5	9.7	0.3	0.04	0.02	-0.02	0.8	NNW
11/15/2023 08:41:00	9.9	9.7	-0.2	0.05	0.01	-0.04	0.7	W
11/15/2023 08:42:00	9.9	9.8	-0.2	0.04	0.01	-0.03	0.7	WSW
11/15/2023 08:43:00	9.9	10.4	0.5	0.03	0.01	-0.02	0.7	NNE
11/15/2023 08:44:00	10.1	9.7	-0.5	0.03	0.01	-0.02	0.7	WNW
11/15/2023 08:45:00	7.5	9.7	2.2	0.03	0.02	-0.02	0.7	ESE
11/15/2023 08:46:00	6.0	9.7	3.7	0.03	0.02	-0.01	0.7	ENE
11/15/2023 08:47:00	6.0	7.9	1.9	0.03	0.02	-0.02	0.7	WNW
11/15/2023 08:48:00	6.0	7.3	1.3	0.03	0.02	-0.01	0.7	ENE
11/15/2023 08:49:00	6.1	7.1	1.0	0.03	0.02	-0.01	0.7	W
11/15/2023 08:50:00	5.7	6.7	1.0	0.03	0.02	0.00	0.7	NE
11/15/2023 08:51:00	5.5	6.4	0.9	0.03	0.02	-0.01	0.8	ENE
11/15/2023 08:52:00	5.4	6.6	1.2	0.03	0.03	0.00	0.8	E
11/15/2023 08:53:00	5.2	6.7	1.5	0.02	0.03	0.01	0.8	NW
11/15/2023 08:54:00	5.1	6.9	1.8	0.02	0.03	0.01	0.8	ENE
11/15/2023 08:55:00	5.0	6.6	1.5	0.02	0.03	0.01	0.8	ESE
11/15/2023 08:56:00	4.8	6.5	1.8	0.02	0.03	0.01	0.8	WNW
11/15/2023 08:57:00	4.6	6.6	2.0	0.01	0.03	0.02	0.8	ENE
11/15/2023 08:58:00	4.5	6.0	1.5	0.01	0.03	0.02	0.9	ENE
11/15/2023 08:59:00	4.5	6.0	1.5	0.01	0.03	0.02	0.9	W
11/15/2023 09:00:00	4.4	5.8	1.4	0.01	0.03	0.01	0.9	W
11/15/2023 09:01:00	4.5	5.9	1.4	0.01	0.03	0.01	0.9	E
11/15/2023 09:02:00	4.5	6.0	1.5	0.01	0.03	0.02	0.9	E
11/15/2023 09:03:00	4.5	6.0	1.4	0.01	0.03	0.02	0.9	E
11/15/2023 09:04:00	4.6	6.4	1.8	0.01	0.04	0.03	0.9	NNW
11/15/2023 09:05:00	4.7	6.5	1.9	0.01	0.04	0.03	0.9	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
11/15/2023 09:06:00	4.7	6.6	1.8	0.01	0.04	0.03	1.0	E
11/15/2023 09:07:00	4.7	6.6	1.9	0.01	0.04	0.03	1.0	E
11/15/2023 09:08:00	4.8	6.4	1.6	0.01	0.04	0.03	1.0	E
11/15/2023 09:09:00	4.8	6.3	1.5	0.01	0.03	0.03	1.0	ESE
11/15/2023 09:10:00	4.7	6.4	1.6	0.01	0.03	0.03	0.9	E
11/15/2023 09:11:00	4.6	6.8	2.3	0.01	0.04	0.03	0.9	E
11/15/2023 09:12:00	4.9	6.7	1.9	0.01	0.03	0.03	0.9	SW
11/15/2023 09:13:00	4.9	7.0	2.0	0.01	0.04	0.03	0.9	NE
11/15/2023 09:14:00	5.0	7.1	2.0	0.02	0.04	0.02	0.9	W
11/15/2023 09:15:00	5.0	7.3	2.3	0.01	0.05	0.04	0.9	NNE
11/15/2023 09:16:00	5.0	7.3	2.4	0.01	0.06	0.05	0.9	E
11/15/2023 09:17:00	5.0	7.4	2.5	0.01	0.07	0.06	0.9	E
11/15/2023 09:18:00	5.0	7.4	2.5	0.01	0.07	0.06	0.9	E
11/15/2023 09:19:00	4.8	7.3	2.4	0.01	0.08	0.06	0.9	N
11/15/2023 09:20:00	4.8	7.4	2.7	0.01	0.08	0.06	0.9	NE
11/15/2023 09:21:00	4.7	7.7	3.0	0.01	0.08	0.07	0.9	ENE
11/15/2023 09:22:00	4.7	7.7	3.0	0.01	0.08	0.07	0.9	E
11/15/2023 09:23:00	4.8	8.0	3.2	0.01	0.08	0.07	0.9	E
11/15/2023 09:24:00	5.3	7.8	2.6	0.02	0.08	0.06	0.9	WNW
11/15/2023 09:25:00	5.7	7.5	1.8	0.02	0.08	0.06	0.9	NW
11/15/2023 09:26:00	6.2	7.0	0.9	0.02	0.07	0.05	0.9	WSW
11/15/2023 09:27:00	6.1	7.1	1.0	0.02	0.07	0.05	0.9	W
11/15/2023 09:28:00	6.4	7.1	0.7	0.02	0.07	0.04	0.9	W
11/15/2023 09:29:00	6.3	7.1	0.8	0.01	0.07	0.05	0.9	WSW
11/15/2023 09:30:00	6.2	7.0	0.8	0.01	0.05	0.04	0.9	W
11/15/2023 09:31:00	6.2	7.0	0.8	0.02	0.04	0.02	0.9	W
11/15/2023 09:32:00	6.3	6.8	0.6	0.02	0.03	0.01	0.8	ENE
11/15/2023 09:33:00	6.4	6.8	0.4	0.02	0.02	0.00	0.8	WNW
11/15/2023 09:34:00	6.5	6.9	0.3	0.02	0.02	0.00	0.8	WSW
11/15/2023 09:35:00	6.8	6.8	-0.1	0.02	0.01	-0.01	0.9	W
11/15/2023 09:36:00	7.0	6.3	-0.7	0.02	0.01	-0.01	1.0	WSW
11/15/2023 09:37:00	7.0	6.0	-1.0	0.02	0.01	-0.02	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
11/15/2023 09:38:00	7.0	5.8	-1.2	0.03	0.00	-0.02	1.1	WSW
11/15/2023 09:39:00	6.6	6.0	-0.6	0.02	0.00	-0.02	1.1	W
11/15/2023 09:40:00	6.2	6.1	-0.1	0.02	0.00	-0.02	1.1	W
11/15/2023 09:41:00	6.0	6.2	0.2	0.02	0.00	-0.02	1.1	W
11/15/2023 09:42:00	5.9	6.2	0.3	0.02	0.00	-0.02	1.1	S
11/15/2023 09:43:00	5.7	5.9	0.2	0.02	0.00	-0.02	1.1	W
11/15/2023 09:44:00	5.8	6.1	0.3	0.02	0.00	-0.02	1.1	W
11/15/2023 09:45:00	5.9	6.3	0.3	0.02	0.00	-0.02	1.2	WSW
11/15/2023 09:46:00	6.0	6.3	0.3	0.02	0.00	-0.02	1.2	WSW
11/15/2023 09:47:00	6.2	6.3	0.2	0.03	0.00	-0.02	1.2	W
11/15/2023 09:48:00	6.0	6.4	0.3	0.03	0.01	-0.02	1.3	WSW
11/15/2023 09:49:00	5.9	6.2	0.3	0.03	0.01	-0.02	1.2	W
11/15/2023 09:50:00	5.6	6.0	0.4	0.03	0.01	-0.01	1.3	W
11/15/2023 09:51:00	5.5	6.0	0.5	0.02	0.01	-0.01	1.3	W
11/15/2023 09:52:00	5.5	6.0	0.5	0.02	0.01	-0.01	1.3	WSW
11/15/2023 09:53:00	5.4	6.0	0.5	0.02	0.01	-0.01	1.4	WSW
11/15/2023 09:54:00	5.5	5.8	0.4	0.02	0.01	-0.01	1.5	W
11/15/2023 09:55:00	5.6	5.8	0.2	0.03	0.01	-0.01	1.5	W
11/15/2023 09:56:00	5.5	5.7	0.3	0.03	0.01	-0.02	1.6	WSW
11/15/2023 09:57:00	5.4	5.8	0.4	0.03	0.01	-0.02	1.6	WSW
11/15/2023 09:58:00	5.3	5.7	0.3	0.03	0.01	-0.01	1.7	W
11/15/2023 09:59:00	5.1	5.4	0.3	0.02	0.01	-0.01	1.8	W
11/15/2023 10:00:00	5.0	5.2	0.2	0.02	0.01	-0.01	1.8	W
11/15/2023 10:01:00	5.0	5.5	0.5	0.02	0.01	-0.01	1.7	W
11/15/2023 10:02:00	4.8	5.5	0.6	0.02	0.01	-0.01	1.7	WSW
11/15/2023 10:03:00	5.3	5.4	0.0	0.02	0.00	-0.01	1.7	NW
11/15/2023 10:04:00	5.4	5.4	0.0	0.02	0.00	-0.02	1.7	W
11/15/2023 10:05:00	5.4	5.3	-0.1	0.02	0.00	-0.02	1.6	WSW
11/15/2023 10:06:00	6.2	5.4	-0.8	0.02	0.00	-0.02	1.5	S
11/15/2023 10:07:00	6.2	5.5	-0.7	0.02	0.00	-0.01	1.4	NE
11/15/2023 10:08:00	6.2	5.4	-0.8	0.02	0.00	-0.02	1.3	W
11/15/2023 10:09:00	6.3	5.4	-0.9	0.02	0.00	-0.02	1.2	SW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/15/2023 10:10:00	6.1	6.5	0.4	0.01	0.00	-0.01	1.1	NNE
11/15/2023 10:11:00	6.5	6.5	0.0	0.01	0.00	-0.01	1.1	WNW
11/15/2023 10:12:00	6.5	6.7	0.2	0.01	0.01	-0.01	1.0	NW
11/15/2023 10:13:00	7.0	6.7	-0.3	0.01	0.01	-0.01	0.9	W
11/15/2023 10:14:00	7.2	6.7	-0.5	0.01	0.01	-0.01	0.9	WNW
11/15/2023 10:15:00	7.2	6.7	-0.5	0.01	0.01	-0.01	0.9	WSW
11/15/2023 10:16:00	7.1	6.3	-0.8	0.02	0.01	-0.01	0.9	W
11/15/2023 10:17:00	7.0	6.3	-0.8	0.01	0.01	-0.01	0.9	NE
11/15/2023 10:18:00	6.6	6.2	-0.4	0.01	0.01	-0.01	0.8	S
11/15/2023 10:19:00	6.5	6.1	-0.4	0.02	0.01	-0.01	0.8	W
11/15/2023 10:20:00	6.6	6.2	-0.4	0.02	0.01	-0.01	0.7	W
11/15/2023 10:21:00	6.0	6.3	0.3	0.02	0.01	-0.01	0.8	W
11/15/2023 10:22:00	6.0	6.4	0.4	0.02	0.01	-0.02	0.8	W
11/15/2023 10:23:00	5.9	6.8	0.9	0.02	0.01	-0.02	0.9	W
11/15/2023 10:24:00	5.8	7.2	1.4	0.02	0.01	-0.01	1.0	W
11/15/2023 10:25:00	5.8	6.3	0.5	0.02	0.00	-0.02	1.1	W
11/15/2023 10:26:00	5.5	6.4	0.9	0.02	0.00	-0.02	1.1	W
11/15/2023 10:27:00	5.6	6.3	0.8	0.02	0.00	-0.02	1.1	WSW
11/15/2023 10:28:00	5.6	6.6	1.0	0.02	0.00	-0.02	1.1	WSW
11/15/2023 10:29:00	5.8	6.7	1.0	0.02	0.00	-0.02	1.1	WSW
11/15/2023 10:30:00	5.8	6.7	0.9	0.02	0.00	-0.02	1.0	S
11/15/2023 10:31:00	5.8	6.8	0.9	0.02	0.00	-0.02	1.0	NNE
11/15/2023 10:32:00	5.9	6.8	0.8	0.02	0.00	-0.02	1.0	NE
11/15/2023 10:33:00	6.0	7.0	1.0	0.02	0.00	-0.02	1.1	W
11/15/2023 10:34:00	6.2	7.3	1.2	0.02	0.00	-0.02	1.1	NW
11/15/2023 10:35:00	6.2	7.4	1.2	0.02	0.00	-0.02	1.1	NW
11/15/2023 10:36:00	6.2	7.3	1.1	0.02	0.00	-0.02	1.0	W
11/15/2023 10:37:00	6.3	7.2	0.9	0.02	0.01	-0.01	1.0	E
11/15/2023 10:38:00	6.3	6.9	0.6	0.02	0.01	-0.01	0.9	E
11/15/2023 10:39:00	6.4	6.7	0.3	0.02	0.01	-0.01	0.8	NE
11/15/2023 10:40:00	6.4	6.6	0.2	0.02	0.01	-0.01	0.8	E
11/15/2023 10:41:00	6.4	6.6	0.2	0.01	0.01	0.00	0.7	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/15/2023 10:42:00	6.3	6.5	0.1	0.01	0.01	0.00	0.7	NE
11/15/2023 10:43:00	5.8	6.3	0.4	0.01	0.01	0.00	0.8	W
11/15/2023 10:44:00	5.6	6.3	0.7	0.01	0.02	0.01	0.7	NNE
11/15/2023 10:45:00	5.7	6.5	0.8	0.01	0.02	0.00	0.7	W
11/15/2023 10:46:00	5.7	6.5	0.8	0.01	0.02	0.00	0.7	N
11/15/2023 10:47:00	5.7	6.5	0.8	0.01	0.02	0.00	0.7	NNE
11/15/2023 10:48:00	5.6	6.3	0.8	0.01	0.02	0.00	0.7	W
11/15/2023 10:49:00	5.5	6.6	1.1	0.01	0.02	0.00	0.7	WSW
11/15/2023 10:50:00	6.0	6.6	0.5	0.01	0.02	0.01	0.7	NE
11/15/2023 10:51:00	6.1	6.5	0.4	0.01	0.02	0.01	0.7	E
11/15/2023 10:52:00	6.2	6.6	0.4	0.01	0.02	0.01	0.7	NE
11/15/2023 10:53:00				0.01	0.02	0.01	0.7	NNE
11/15/2023 10:54:00				0.01	0.02	0.01	0.8	W
11/15/2023 10:55:00	3.4	5.9	2.5	0.01	0.02	0.00	0.8	W
11/15/2023 10:56:00	3.8	6.2	2.5	0.02	0.01	0.00	0.9	W
11/15/2023 10:57:00	3.8	7.6	3.8	0.02	0.01	-0.01	0.9	WSW
11/15/2023 10:58:00	3.9	7.4	3.4	0.02	0.01	-0.01	1.0	WSW
11/15/2023 10:59:00	3.9	7.1	3.2	0.04	0.01	-0.03	1.0	WSW
11/15/2023 11:00:00	3.8	6.9	3.1	0.04	0.01	-0.04	1.1	W
11/15/2023 11:01:00	3.9	6.4	2.5	0.04	0.02	-0.03	1.1	NW
11/15/2023 11:02:00	3.8	6.5	2.6	0.05	0.01	-0.04	1.1	W
11/15/2023 11:03:00	4.1	6.7	2.6	0.06	0.01	-0.04	1.1	SW
11/15/2023 11:04:00	4.0	6.7	2.6	0.06	0.01	-0.04	1.2	W
11/15/2023 11:05:00	4.0	6.9	2.8	0.06	0.01	-0.04	1.3	WSW
11/15/2023 11:06:00	4.1	6.8	2.7	0.06	0.01	-0.04	1.4	W
11/15/2023 11:07:00	4.7	6.9	2.2	0.06	0.01	-0.05	1.4	W
11/15/2023 11:08:00	4.7	7.4	2.7	0.06	0.01	-0.05	1.4	W
11/15/2023 11:09:00	4.6	7.7	3.1	0.06	0.01	-0.05	1.3	WSW
11/15/2023 11:10:00	4.6	7.7	3.1	0.06	0.01	-0.05	1.3	W
11/15/2023 11:11:00	4.6	7.6	3.0	0.06	0.01	-0.05	1.2	NW
11/15/2023 11:12:00	4.7	7.3	2.6	0.05	0.01	-0.04	1.2	WSW
11/15/2023 11:13:00	4.7	7.5	2.9	0.05	0.01	-0.04	1.2	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/15/2023 11:14:00	4.7	7.8	3.1	0.04	0.01	-0.03	1.2	SW
11/15/2023 11:15:00	4.8	8.2	3.4	0.03	0.01	-0.02	1.2	WSW
11/15/2023 11:16:00	4.8	8.6	3.8	0.03	0.00	-0.03	1.3	W
11/15/2023 11:17:00	4.8	8.7	3.9	0.02	0.00	-0.02	1.2	WSW
11/15/2023 11:18:00	5.0	8.5	3.5	0.02	0.00	-0.02	1.2	NE
11/15/2023 11:19:00	5.0	8.5	3.5	0.02	0.00	-0.02	1.2	SW
11/15/2023 11:20:00	5.1	8.3	3.3	0.02	0.00	-0.02	1.1	W
11/15/2023 11:21:00	5.0	8.3	3.3	0.02	0.00	-0.02	1.0	NW
11/15/2023 11:22:00	4.5	8.2	3.7	0.02	0.00	-0.02	1.0	W
11/15/2023 11:23:00	4.5	7.9	3.4	0.02	0.00	-0.02	1.0	WNW
11/15/2023 11:24:00	4.6	7.7	3.1	0.02	0.00	-0.02	1.0	SW
11/15/2023 11:25:00	5.0	7.6	2.5	0.02	0.00	-0.02	0.9	NNW
11/15/2023 11:26:00	5.3	7.5	2.3	0.02	0.00	-0.01	1.0	NNW
11/15/2023 11:27:00	5.2	7.6	2.4	0.02	0.00	-0.01	0.9	WSW
11/15/2023 11:28:00	5.3	7.4	2.1	0.02	0.00	-0.01	0.8	WSW
11/15/2023 11:29:00	5.2	7.1	1.8	0.02	0.00	-0.01	0.8	WSW
11/15/2023 11:30:00	5.2	6.7	1.6	0.02	0.00	-0.01	0.8	WSW
11/15/2023 11:31:00	5.1	6.5	1.4	0.02	0.00	-0.01	0.7	WSW
11/15/2023 11:32:00	5.1	6.3	1.1	0.02	0.00	-0.01	0.7	W
11/15/2023 11:33:00	4.9	6.3	1.4	0.02	0.00	-0.02	0.7	WSW
11/15/2023 11:34:00	5.1	6.2	1.1	0.02	0.00	-0.01	0.7	ENE
11/15/2023 11:35:00	5.2	6.1	0.8	0.02	0.01	-0.01	0.7	NNE
11/15/2023 11:36:00	5.7	6.2	0.4	0.02	0.01	-0.01	0.7	WSW
11/15/2023 11:37:00	6.3	6.3	0.0	0.02	0.01	-0.01	0.6	WNW
11/15/2023 11:38:00	6.4	6.3	-0.1	0.02	0.01	-0.01	0.7	WSW
11/15/2023 11:39:00	6.4	6.0	-0.4	0.02	0.01	-0.01	0.7	WSW
11/15/2023 11:40:00	6.0	6.3	0.2	0.02	0.01	-0.01	0.7	WSW
11/15/2023 11:41:00	5.9	6.4	0.5	0.02	0.00	-0.01	0.8	WSW
11/15/2023 11:42:00	6.0	6.3	0.4	0.02	0.00	-0.01	0.8	WSW
11/15/2023 11:43:00	6.3	6.3	0.0	0.02	0.00	-0.01	0.9	WSW
11/15/2023 11:44:00	7.2	6.2	-0.9	0.02	0.00	-0.01	0.9	WSW
11/15/2023 11:45:00	7.3	6.2	-1.1	0.02	0.00	-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
11/15/2023 11:46:00	7.3	6.2	-1.1	0.02	0.00	-0.01	1.0	WSW
11/15/2023 11:47:00	7.4	6.2	-1.2	0.02	0.00	-0.01	1.1	WSW
11/15/2023 11:48:00	7.4	6.2	-1.2	0.02	0.00	-0.02	1.1	W
11/15/2023 11:49:00	7.5	6.3	-1.2	0.02	0.00	-0.02	1.1	WSW
11/15/2023 11:50:00	7.5	6.5	-1.0	0.02	0.00	-0.02	1.2	W
11/15/2023 11:51:00	7.1	6.3	-0.8	0.02	0.00	-0.02	1.2	WSW
11/15/2023 11:52:00	6.6	6.2	-0.4	0.02	0.00	-0.02	1.2	SSW
11/15/2023 11:53:00	6.7	5.9	-0.8	0.02	0.00	-0.02	1.2	WSW
11/15/2023 11:54:00	7.0	5.8	-1.1	0.02	0.00	-0.02	1.2	WSW
11/15/2023 11:55:00	7.1	5.6	-1.5	0.02	0.00	-0.02	1.1	W
11/15/2023 11:56:00	7.1	5.6	-1.6	0.02	0.00	-0.02	1.1	WSW
11/15/2023 11:57:00	7.1	5.5	-1.6	0.02	0.00	-0.02	1.0	NNE
11/15/2023 11:58:00	6.9	5.6	-1.3	0.02	0.00	-0.02	0.9	ENE
11/15/2023 11:59:00	6.1	5.6	-0.5	0.02	0.00	-0.01	0.9	ENE
11/15/2023 12:00:00	6.3	5.8	-0.5	0.02	0.00	-0.01	0.8	W
11/15/2023 12:01:00	7.1	5.7	-1.3	0.02	0.00	-0.01	0.8	WNW
11/15/2023 12:02:00	7.2	5.7	-1.5	0.02	0.00	-0.01	0.6	WSW
11/15/2023 12:03:00	7.2	5.6	-1.5	0.01	0.00	-0.01	0.6	WSW
11/15/2023 12:04:00	7.0	5.5	-1.4	0.01	0.00	-0.01	0.6	WNW
11/15/2023 12:05:00	7.2	5.4	-1.8	0.01	0.00	-0.01	0.5	WSW
11/15/2023 12:06:00	7.6	5.2	-2.4	0.01	0.00	-0.01	0.5	SSW
11/15/2023 12:07:00	7.8	5.1	-2.7	0.01	0.00	-0.01	0.5	W
11/15/2023 12:08:00	7.7	5.0	-2.7	0.01	0.00	-0.01	0.5	WSW
11/15/2023 12:09:00	7.4	5.2	-2.2	0.01	0.01	-0.01	0.4	ESE
11/15/2023 12:10:00	7.2	5.2	-2.0	0.01	0.01	-0.01	0.5	E
11/15/2023 12:11:00	7.2	5.2	-2.0	0.01	0.01	-0.01	0.5	W
11/15/2023 12:12:00	7.3	5.1	-2.2	0.01	0.01	-0.01	0.5	WSW
11/15/2023 12:13:00	7.4	5.0	-2.4	0.01	0.00	-0.01	0.5	W
11/15/2023 12:14:00	7.4	4.9	-2.5	0.01	0.00	-0.01	0.5	WSW
11/15/2023 12:15:00	7.2	4.8	-2.4	0.01	0.00	-0.01	0.5	SW
11/15/2023 12:16:00	6.5	4.7	-1.7	0.01	0.00	-0.01	0.5	ENE
11/15/2023 12:17:00	6.3	4.7	-1.6	0.01	0.00	-0.01	0.5	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
11/15/2023 12:18:00	6.4	4.6	-1.8	0.01	0.00	-0.01	0.5	WSW
11/15/2023 12:19:00	6.5	4.6	-1.9	0.01	0.00	-0.01	0.5	W
11/15/2023 12:20:00	6.3	4.6	-1.7	0.01	0.00	-0.01	0.5	SE
11/15/2023 12:21:00	5.7	4.7	-1.0	0.01	0.01	0.00	0.4	NW
11/15/2023 12:22:00	5.4	4.7	-0.7	0.01	0.01	0.00	0.4	WNW
11/15/2023 12:23:00	5.3	4.8	-0.6	0.01	0.01	0.00	0.4	ENE
11/15/2023 12:24:00	5.5	4.6	-0.8	0.01	0.01	0.00	0.4	S
11/15/2023 12:25:00	5.6	4.5	-1.1	0.01	0.01	-0.01	0.4	SSW
11/15/2023 12:26:00	5.6	4.6	-1.0	0.01	0.01	-0.01	0.4	W
11/15/2023 12:27:00	5.6	4.7	-0.9	0.01	0.01	-0.01	0.4	WSW
11/15/2023 12:28:00	5.8	4.8	-1.1	0.01	0.01	-0.01	0.4	WSW
11/15/2023 12:29:00	5.8	4.8	-1.0	0.01	0.01	-0.01	0.4	WSW
11/15/2023 12:30:00	5.9	4.8	-1.1	0.02	0.01	-0.01	0.4	WSW
11/15/2023 12:31:00	5.9	4.9	-1.0	0.02	0.01	-0.01	0.4	E
11/15/2023 12:32:00	5.9	5.0	-0.9	0.01	0.01	-0.01	0.4	NNW
11/15/2023 12:33:00	5.9	5.2	-0.7	0.02	0.01	-0.01	0.4	W
11/15/2023 12:34:00	5.8	5.3	-0.5	0.02	0.01	-0.01	0.4	W
11/15/2023 12:35:00	5.8	5.4	-0.4	0.02	0.01	-0.01	0.4	ESE
11/15/2023 12:36:00	6.0	5.6	-0.4	0.02	0.01	-0.01	0.4	WSW
11/15/2023 12:37:00	6.7	5.8	-0.9	0.02	0.01	-0.01	0.4	ENE
11/15/2023 12:38:00	7.1	5.9	-1.2	0.02	0.01	-0.01	0.4	E
11/15/2023 12:39:00	7.3	6.1	-1.2	0.02	0.01	-0.01	0.5	SSW
11/15/2023 12:40:00	7.8	6.3	-1.6	0.02	0.02	-0.01	0.5	N
11/15/2023 12:41:00	7.9	7.8	0.0	0.02	0.02	0.00	0.5	WSW
11/15/2023 12:42:00	7.9	8.2	0.3	0.02	0.02	0.00	0.5	S
11/15/2023 12:43:00	7.6	8.4	0.8	0.02	0.02	0.00	0.6	W
11/15/2023 12:44:00	7.8	8.6	0.8	0.02	0.02	0.00	0.6	WSW
11/15/2023 12:45:00	7.7	8.6	0.9	0.02	0.02	0.00	0.7	WSW
11/15/2023 12:46:00	8.3	8.7	0.4	0.02	0.01	-0.01	0.7	W
11/15/2023 12:47:00	9.6	8.9	-0.7	0.02	0.01	-0.01	0.7	WSW
11/15/2023 12:48:00	10.0	8.9	-1.1	0.02	0.01	-0.01	0.7	WSW
11/15/2023 12:49:00	10.5	9.0	-1.5	0.02	0.01	-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
11/15/2023 12:50:00	10.7	9.6	-1.2	0.02	0.01	-0.01	0.8	ENE
11/15/2023 12:51:00	11.2	9.9	-1.3	0.02	0.01	-0.01	0.8	SW
11/15/2023 12:52:00	10.7	10.1	-0.7	0.02	0.01	-0.01	0.9	W
11/15/2023 12:53:00	10.5	10.1	-0.5	0.02	0.01	-0.01	1.0	ESE
11/15/2023 12:54:00	11.0	10.3	-0.8	0.02	0.01	-0.01	1.0	WNW
11/15/2023 12:55:00	10.8	10.4	-0.4	0.02	0.00	-0.02	1.0	WSW
11/15/2023 12:56:00	11.1	9.3	-1.8	0.02	0.00	-0.02	1.0	W
11/15/2023 12:57:00	11.6	9.4	-2.2	0.02	0.00	-0.01	1.0	WSW
11/15/2023 12:58:00	11.9	9.5	-2.5	0.02	0.00	-0.01	1.0	W
11/15/2023 12:59:00	11.8	9.4	-2.5	0.02	0.00	-0.01	1.0	W
11/15/2023 13:00:00	11.9	9.4	-2.5	0.02	0.00	-0.01	0.9	SW
11/15/2023 13:01:00	11.4	9.4	-2.0	0.02	0.00	-0.01	1.0	SW
11/15/2023 13:02:00	10.4	9.3	-1.1	0.01	0.00	-0.01	1.0	NE
11/15/2023 13:03:00	10.7	9.4	-1.3	0.01	0.00	-0.01	1.0	W
11/15/2023 13:04:00	10.2	9.4	-0.8	0.01	0.00	-0.01	1.0	WSW
11/15/2023 13:05:00	10.1	8.9	-1.2	0.01	0.00	-0.01	1.0	W
11/15/2023 13:06:00	9.8	9.8	0.0	0.01	0.00	-0.01	1.0	ESE
11/15/2023 13:07:00	10.4	9.8	-0.7	0.01	0.00	-0.01	0.9	NW
11/15/2023 13:08:00	10.7	10.0	-0.7	0.01	0.00	-0.01	0.9	WSW
11/15/2023 13:09:00	10.0	10.0	0.0	0.01	0.00	-0.01	1.0	WSW
11/15/2023 13:10:00	9.6	10.0	0.3	0.01	0.00	-0.01	1.2	WSW
11/15/2023 13:11:00	9.3	9.7	0.4	0.01	0.00	0.00	1.2	WSW
11/15/2023 13:12:00	9.1	9.4	0.3	0.01	0.00	0.00	1.2	WSW
11/15/2023 13:13:00	8.7	9.4	0.6	0.00	0.00	0.00	1.4	WSW
11/15/2023 13:14:00	8.6	9.4	0.8	0.00	0.00	0.00	1.5	WSW
11/15/2023 13:15:00	8.5	9.3	0.9	0.00	0.00	0.00	1.5	WSW
11/15/2023 13:16:00	8.3	9.4	1.1	0.00	0.00	0.00	1.6	WSW
11/15/2023 13:17:00	8.1	9.6	1.5	0.00	0.00	0.00	1.7	W
11/15/2023 13:18:00	7.3	9.6	2.3	0.00	0.00	0.00	1.7	WSW
11/15/2023 13:19:00	7.2	9.6	2.4	0.00	0.00	0.00	1.7	WSW
11/15/2023 13:20:00	6.9	9.6	2.6	0.00	0.00	0.00	1.7	WSW
11/15/2023 13:21:00	6.8	8.5	1.7	0.00	0.00	0.00	1.8	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
11/15/2023 13:22:00	6.2	8.6	2.5	0.00	0.00	0.00	1.9	WSW
11/15/2023 13:23:00	5.8	8.6	2.8	0.00	0.00	0.00	1.9	WSW
11/15/2023 13:24:00	5.7	8.5	2.8	0.00	0.00	0.00	1.9	WSW
11/15/2023 13:25:00	5.7	8.4	2.7	0.00	0.00	0.00	1.8	WSW
11/15/2023 13:26:00	5.6	8.4	2.9	0.00	0.00	0.00	1.8	W
11/15/2023 13:27:00	5.2	8.6	3.4	0.00	0.00	0.00	1.9	WSW
11/15/2023 13:28:00	5.4	8.9	3.5	0.00	0.00	0.00	1.9	WSW
11/15/2023 13:29:00	5.7	9.4	3.7	0.00	0.00	0.00	1.9	WSW
11/15/2023 13:30:00	5.8	9.6	3.9	0.01	0.00	-0.01	1.8	W
11/15/2023 13:31:00	5.8	9.7	3.8	0.01	0.00	-0.01	1.8	WSW
11/15/2023 13:32:00	6.0	9.7	3.7	0.01	0.00	-0.01	1.7	WSW
11/15/2023 13:33:00	6.1	9.8	3.7	0.01	0.00	-0.01	1.8	WSW
11/15/2023 13:34:00	6.0	9.7	3.7	0.01	0.00	-0.01	1.8	WSW
11/15/2023 13:35:00	6.0	9.7	3.7	0.01	0.00	-0.01	1.9	WSW
11/15/2023 13:36:00	5.9	9.8	3.9	0.01	0.00	-0.01	2.0	WSW
11/15/2023 13:37:00	6.3	9.5	3.3	0.01	0.00	-0.01	2.0	WSW
11/15/2023 13:38:00	6.4	9.5	3.1	0.01	0.00	-0.01	2.0	WSW
11/15/2023 13:39:00	6.3	9.5	3.2	0.01	0.00	-0.01	2.0	WSW
11/15/2023 13:40:00	6.3	9.9	3.6	0.02	0.00	-0.02	2.0	WSW
11/15/2023 13:41:00	6.3	10.2	3.9	0.02	0.00	-0.02	2.1	WSW
11/15/2023 13:42:00	6.3	10.2	3.8	0.02	0.00	-0.02	2.0	WSW
11/15/2023 13:43:00	6.2	9.9	3.7	0.01	0.00	-0.01	2.1	WSW
11/15/2023 13:44:00	5.9	9.5	3.6	0.01	0.00	-0.01	2.1	WSW
11/15/2023 13:45:00	5.8	9.4	3.6	0.01	0.00	-0.01	2.2	W
11/15/2023 13:46:00	5.6	9.2	3.6	0.01	0.00	-0.01	2.3	WSW
11/15/2023 13:47:00	5.5	9.3	3.8	0.01	0.00	-0.01	2.3	WSW
11/15/2023 13:48:00	5.4	9.4	4.0	0.01	0.00	-0.01	2.3	WSW
11/15/2023 13:49:00	5.3	9.6	4.3	0.01	0.00	-0.01	2.3	WSW
11/15/2023 13:50:00	5.3	10.0	4.8	0.01	0.00	-0.01	2.4	WSW
11/15/2023 13:51:00	5.2	10.3	5.0	0.01	0.00	-0.01	2.3	W
11/15/2023 13:52:00	4.5	10.7	6.2	0.01	0.00	-0.01	2.3	WSW
11/15/2023 13:53:00	26.5	10.9	-15.5	0.00	0.00	0.00	2.3	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
11/15/2023 13:54:00	41.8	10.9	-30.9	0.00	0.00	0.00	2.4	WSW
11/15/2023 13:55:00	46.7	10.6	-36.1	0.00	0.00	0.00	2.4	WSW
11/15/2023 13:56:00	50.8	10.3	-40.5	0.00	0.00	0.00	2.4	WSW
11/15/2023 13:57:00	53.5	10.2	-43.3	0.00	0.00	0.00	2.4	WSW
11/15/2023 13:58:00	55.5	10.6	-44.9	0.00	0.00	0.00	2.3	WSW
11/15/2023 13:59:00	57.3	11.2	-46.1	0.00	0.00	0.00	2.3	W
11/15/2023 14:00:00	58.9	11.6	-47.3	0.00	0.00	0.00	2.3	WSW
11/15/2023 14:01:00	60.4	11.8	-48.6	0.00	0.00	0.00	2.4	WSW
11/15/2023 14:02:00	61.7	12.6	-49.1	0.00	0.00	0.00	2.4	WSW
11/15/2023 14:03:00	62.9	13.2	-49.7	0.00	0.00	0.00	2.4	WSW
11/15/2023 14:04:00	64.0	13.6	-50.5	0.00	0.00	0.00	2.5	WSW
11/15/2023 14:05:00	65.1	14.3	-50.8	0.00	0.00	0.00	2.5	WSW
11/15/2023 14:06:00	66.0	14.4	-51.6	0.00	0.00	0.00	2.5	W
11/15/2023 14:07:00	67.1	14.6	-52.5	0.00	0.00	0.00	2.6	WSW
11/15/2023 14:08:00	46.0	15.8	-30.2	0.00	0.00	0.00	2.7	WSW
11/15/2023 14:09:00	31.7	17.1	-14.6	0.00	0.00	0.00	2.6	WSW
11/15/2023 14:10:00	27.7	18.5	-9.3	0.00	0.00	0.00	2.7	WSW
11/15/2023 14:11:00	24.4	19.8	-4.7	0.00	0.00	0.00	2.8	WSW
11/15/2023 14:12:00	22.4	20.7	-1.7	0.00	0.00	0.00	2.9	WSW
11/15/2023 14:13:00	21.1	20.9	-0.2	0.00	0.00	0.00	2.9	WSW
11/15/2023 14:14:00	20.0	20.9	0.8	0.00	0.00	0.00	2.9	WSW
11/15/2023 14:15:00	19.3	21.2	1.9	0.00	0.00	0.00	3.0	WSW
11/15/2023 14:16:00	18.4	21.7	3.3	0.00	0.00	0.00	3.0	WSW
11/15/2023 14:17:00	17.9	21.2	3.3	0.00	0.00	0.00	3.0	WSW
11/15/2023 14:18:00	17.4	20.6	3.2	0.00	0.00	0.00	2.9	WSW
11/15/2023 14:19:00	16.8	20.5	3.6	0.00	0.00	0.00	2.9	WSW
11/15/2023 14:20:00	16.4	20.2	3.8	0.01	0.00	-0.01	3.0	WSW
11/15/2023 14:21:00	16.2	20.7	4.4	0.01	0.00	-0.01	3.1	WSW
11/15/2023 14:22:00	15.9	21.6	5.7	0.01	0.00	-0.01	3.1	WSW
11/15/2023 14:23:00	15.4	21.7	6.3	0.01	0.00	-0.01	3.1	WSW
11/15/2023 14:24:00	14.8	21.9	7.1	0.01	0.00	-0.01	3.2	WSW
11/15/2023 14:25:00	14.2	22.1	7.9	0.01	0.00	-0.01	3.2	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/15/2023 14:26:00	13.9	22.4	8.5	0.01	0.00	-0.01	3.3	WSW
11/15/2023 14:27:00	13.8	22.6	8.9	0.01	0.00	-0.01	3.2	WSW
11/15/2023 14:28:00	13.4	22.9	9.4	0.01	0.00	-0.01	3.2	W
11/15/2023 14:29:00	13.4	23.7	10.3	0.00	0.00	0.00	3.2	WSW
11/15/2023 14:30:00	13.3	24.3	11.0	0.00	0.00	0.00	3.1	WSW
11/15/2023 14:31:00	12.9	24.6	11.7	0.00	0.00	0.00	3.1	WSW
11/15/2023 14:32:00	12.7	25.0	12.4	0.00	0.00	0.00	3.2	WSW
11/15/2023 14:33:00	12.3	25.6	13.3	0.00	0.00	0.00	3.2	WSW
11/15/2023 14:34:00	12.2	26.0	13.8	0.00	0.00	0.00	3.2	WSW
11/15/2023 14:35:00	12.2	26.0	13.9	0.00	0.00	0.00	3.0	WSW
11/15/2023 14:36:00	11.9	25.8	13.9	0.00	0.00	0.00	2.9	WSW
11/15/2023 14:37:00	11.9	25.1	13.2	0.00	0.00	0.00	2.9	WSW
11/15/2023 14:38:00	11.9	24.2	12.3	0.00	0.00	0.00	2.8	WSW
11/15/2023 14:39:00	12.0	23.0	10.9	0.00	0.00	0.00	2.7	W
11/15/2023 14:40:00	12.3	21.5	9.3	0.00	0.00	0.00	2.6	WSW
11/15/2023 14:41:00	12.1	20.3	8.2	0.00	0.00	0.00	2.7	WSW
11/15/2023 14:42:00	11.8	19.8	8.0	0.00	0.00	0.00	2.7	W
11/15/2023 14:43:00	11.7	19.6	7.9	0.00	0.00	0.00	2.6	W
11/15/2023 14:44:00	11.6	19.3	7.7	0.00	0.00	0.00	2.5	WSW
11/15/2023 14:45:00	11.4	18.3	6.9	0.00	0.00	0.00	2.5	WSW
11/15/2023 14:46:00	11.5	17.7	6.3	0.00	0.00	0.00	2.5	WSW
11/15/2023 14:47:00	11.7	17.1	5.5	0.00	0.00	0.00	2.5	WSW
11/15/2023 14:48:00	11.9	16.5	4.6	0.00	0.00	0.00	2.6	WSW
11/15/2023 14:49:00	12.4	16.1	3.6	0.00	0.00	0.00	2.6	W
11/15/2023 14:50:00				0.00	0.00	0.00	2.7	WSW
11/15/2023 14:51:00				0.01	0.00	-0.01	2.7	WSW
11/15/2023 14:52:00				0.01	0.00	-0.01	2.7	WSW
11/15/2023 14:53:00	8.7	14.6	5.9	0.01	0.00	-0.01	2.7	WSW
11/15/2023 14:54:00	10.7	14.0	3.3	0.01	0.00	-0.01	2.8	WSW
11/15/2023 14:55:00	11.1	16.2	5.0	0.01	0.00	-0.01	2.7	WSW
11/15/2023 14:56:00	12.0	15.1	3.1	0.01	0.00	-0.01	2.5	WSW
11/15/2023 14:57:00	11.0	14.3	3.3	0.01	0.00	-0.01	2.5	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
11/15/2023 14:58:00	11.0	13.8	2.9	0.01	0.00	-0.01	2.7	WSW
11/15/2023 14:59:00	10.9	13.6	2.7	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:00:00	10.5	13.5	3.0	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:01:00	10.0	13.2	3.2	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:02:00	9.7	13.3	3.5	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:03:00	10.0	13.4	3.4	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:04:00	10.1	13.6	3.5	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:05:00	10.1	13.7	3.6	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:06:00	9.9	13.6	3.7	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:07:00	10.1	13.6	3.5	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:08:00	10.3	13.5	3.2	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:09:00	10.6	14.0	3.4	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:10:00	11.4	13.9	2.5	0.01	0.00	-0.01	2.9	WSW
11/15/2023 15:11:00	11.3	14.6	3.3	0.01	0.00	-0.01	2.9	WSW
11/15/2023 15:12:00	11.6	15.0	3.4	0.01	0.00	-0.01	3.0	WSW
11/15/2023 15:13:00	11.6	15.7	4.1	0.01	0.00	-0.01	3.0	WSW
11/15/2023 15:14:00	11.7	16.5	4.9	0.01	0.00	-0.01	3.0	WSW
11/15/2023 15:15:00	12.6	17.4	4.8	0.01	0.00	-0.01	2.9	WSW
11/15/2023 15:16:00	14.0	18.3	4.3	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:17:00	14.2	20.0	5.7	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:18:00	14.1	20.7	6.6	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:19:00	14.1	21.4	7.3	0.01	0.00	-0.01	2.6	WSW
11/15/2023 15:20:00	14.2	22.5	8.3	0.01	0.00	-0.01	2.6	WSW
11/15/2023 15:21:00	14.8	23.5	8.7	0.01	0.00	-0.01	2.6	W
11/15/2023 15:22:00	14.7	24.0	9.2	0.01	0.00	-0.01	2.5	WSW
11/15/2023 15:23:00	14.5	24.6	10.1	0.01	0.00	-0.01	2.5	WSW
11/15/2023 15:24:00	13.9	24.6	10.7	0.01	0.00	-0.01	2.5	WSW
11/15/2023 15:25:00	12.9	24.5	11.6	0.01	0.00	-0.01	2.6	WSW
11/15/2023 15:26:00	12.6	24.1	11.6	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:27:00	12.6	24.3	11.7	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:28:00	12.4	23.7	11.3	0.01	0.00	-0.01	2.6	WSW
11/15/2023 15:29:00	12.8	23.4	10.6	0.01	0.00	-0.01	2.6	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
11/15/2023 15:30:00	12.1	23.1	10.9	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:31:00	11.4	23.1	11.7	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:32:00	11.4	21.9	10.5	0.01	0.00	-0.01	2.8	W
11/15/2023 15:33:00	11.4	21.4	10.0	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:34:00	11.2	20.9	9.7	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:35:00	11.2	20.3	9.1	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:36:00	10.8	19.7	9.0	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:37:00	10.6	19.6	9.0	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:38:00	10.5	19.9	9.4	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:39:00	10.2	19.4	9.2	0.01	0.00	-0.01	2.9	WSW
11/15/2023 15:40:00	10.0	19.4	9.3	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:41:00	9.8	19.4	9.6	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:42:00	9.4	19.1	9.8	0.01	0.00	-0.01	2.7	WSW
11/15/2023 15:43:00	9.2	19.1	9.9	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:44:00	8.4	18.6	10.2	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:45:00	8.1	18.1	10.0	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:46:00	7.3	17.4	10.2	0.01	0.00	-0.01	2.9	WSW
11/15/2023 15:47:00	6.9	16.9	10.0	0.01	0.00	-0.01	2.9	WSW
11/15/2023 15:48:00	6.5	16.9	10.3	0.01	0.00	-0.01	2.8	WSW
11/15/2023 15:49:00	6.3	16.6	10.4	0.01	0.00	-0.01	2.9	WSW
11/15/2023 15:50:00	5.8	16.0	10.1	0.01	0.00	-0.01	3.1	WSW
11/15/2023 15:51:00	5.5	16.2	10.7	0.01	0.00	-0.01	3.1	WSW
11/15/2023 15:52:00	5.2	16.1	10.9	0.00	0.00	0.00	3.3	WSW
11/15/2023 15:53:00	5.0	15.8	10.8	0.00	0.00	0.00	3.3	WSW
11/15/2023 15:54:00	4.9	16.6	11.7	0.00	0.00	0.00	3.2	WSW
11/15/2023 15:55:00	4.9	16.5	11.6	0.00	0.00	0.00	3.1	WSW
11/15/2023 15:56:00	4.8	16.3	11.5	0.00	0.00	0.00	3.2	WSW
11/15/2023 15:57:00	4.7	16.3	11.6	0.00	0.00	0.00	3.2	WSW
11/15/2023 15:58:00	4.6	16.4	11.8	0.00	0.00	0.00	3.3	WSW
11/15/2023 15:59:00	4.5	17.4	12.9	0.00	0.00	0.00	3.3	WSW
11/15/2023 16:00:00	4.3	17.8	13.5	0.00	0.00	0.00	3.3	WSW
11/15/2023 16:01:00	4.3	18.0	13.7	0.00	0.00	0.00	3.3	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
11/15/2023 16:02:00	4.3	18.0	13.8	0.00	0.00	0.00	3.4	WSW
11/15/2023 16:03:00	4.2	18.9	14.6	0.00	0.00	0.00	3.4	WSW
11/15/2023 16:04:00	4.2	18.8	14.6	0.00	0.00	0.00	3.4	WSW
11/15/2023 16:05:00	4.1	19.0	14.8	0.00	0.00	0.00	3.4	WSW
11/15/2023 16:06:00	4.1	18.6	14.5	0.00	0.00	0.00	3.4	WSW
11/15/2023 16:07:00	4.1	18.5	14.4	0.00	0.00	0.00	3.3	WSW
11/15/2023 16:08:00	4.1	17.9	13.8	0.00	0.00	0.00	3.3	WSW
11/15/2023 16:09:00	4.5	17.0	12.5	0.00	0.00	0.00	3.3	WSW
11/15/2023 16:10:00	4.6	16.9	12.3	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:11:00	4.5	16.8	12.3	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:12:00	4.5	17.1	12.5	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:13:00	4.6	17.1	12.6	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:14:00	4.6	16.7	12.1	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:15:00	4.7	16.2	11.5	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:16:00	4.7	15.8	11.2	0.00	0.00	0.00	3.1	WSW
11/15/2023 16:17:00	4.6	15.9	11.2	0.00	0.00	0.00	3.1	WSW
11/15/2023 16:18:00	4.6	14.8	10.2	0.00	0.00	0.00	3.1	WSW
11/15/2023 16:19:00	4.6	14.7	10.2	0.00	0.00	0.00	3.1	WSW
11/15/2023 16:20:00	4.5	14.6	10.0	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:21:00	4.5	14.3	9.7	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:22:00	4.5	14.0	9.4	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:23:00	4.6	13.9	9.3	0.00	0.00	0.00	3.2	WSW
11/15/2023 16:24:00	4.1	13.8	9.7	0.00	0.00	0.00	3.3	WSW
11/15/2023 16:25:00	4.0	13.8	9.8	0.00	0.00	0.00	3.4	WSW
11/15/2023 16:26:00	4.0	13.7	9.7	0.00	0.00	0.00	3.4	WSW
11/15/2023 16:27:00	4.1	13.2	9.2	0.00	0.00	0.00	3.4	WSW
11/15/2023 16:28:00	4.1	13.1	8.9	0.00	0.00	0.00	3.5	WSW
11/15/2023 16:29:00	4.1	12.7	8.5	0.00	0.00	0.00	3.4	WSW
11/15/2023 16:30:00	4.1	12.5	8.4	0.00	0.00	0.00	3.3	WSW
11/15/2023 16:31:00	4.2	12.6	8.4	0.00	0.00	0.00	3.3	WSW
11/15/2023 16:32:00	4.2	12.4	8.2	0.00	0.00	0.00	3.3	WSW
11/15/2023 16:33:00	4.2	12.1	7.9	0.00	0.00	0.00	3.2	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/15/2023 16:34:00	4.3	11.9	7.6	0.00	0.00	0.00	3.1	WSW
11/15/2023 16:35:00	4.3	11.6	7.3	0.00	0.00	0.00	3.1	WSW
11/15/2023 16:36:00	4.4	11.4	7.0	0.00	0.00	0.00	3.1	WSW
11/15/2023 16:37:00	4.5	11.4	7.0	0.00	0.00	0.00	3.0	W
11/15/2023 16:38:00	4.6	11.8	7.2	0.00	0.00	0.00	3.0	WSW
11/15/2023 16:39:00	4.6	11.5	6.9	0.00	0.00	0.00	2.9	WSW
11/15/2023 16:40:00	4.7	11.2	6.5	0.00	0.00	0.00	2.8	WSW
11/15/2023 16:41:00	4.8	11.0	6.2	0.00	0.00	0.00	2.7	WSW
11/15/2023 16:42:00	4.8	10.8	6.0	0.00	0.00	0.00	2.6	WSW
11/15/2023 16:43:00	4.9	10.4	5.5	0.00	0.00	0.00	2.5	WSW
11/15/2023 16:44:00	5.0	10.2	5.2	0.00	0.00	0.00	2.4	WSW
11/15/2023 16:45:00	5.0	10.1	5.1	0.00	0.00	0.00	2.3	WSW
11/15/2023 16:46:00	5.1	9.8	4.7	0.00	0.00	0.00	2.3	WSW
11/15/2023 16:47:00	5.1	9.5	4.4	0.00	0.00	0.00	2.2	W
11/15/2023 16:48:00	5.1	9.4	4.3	0.00	0.00	0.00	2.2	WSW
11/15/2023 16:49:00	5.1	9.2	4.1	0.00	0.00	0.00	2.1	WSW
11/15/2023 16:50:00	5.2	9.1	3.9	0.00	0.00	0.00	2.0	SW
11/15/2023 16:51:00	5.2	9.0	3.8	0.00	0.00	0.00	1.9	WSW
11/15/2023 16:52:00	5.1	8.8	3.7	0.00	0.00	0.00	1.8	SSW