

DAILY FIELD REPORT 121

Prepared By: LANGAN

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

BCP Project No: C231153 **Date:** November 16, 2023**Project Name:** Kasser Scrap Metal and Rector Cleaners Site **Time:** 7:00 am to 5:00 pm**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)

Xianglei Zheng (Geotechnical)

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 northeastern part of grid WC03_10-15 for equipment mobilization. Excavated soil/fill was graded adjacent to the area of excavation.
- Urban excavated an about 15-foot-long by 5-foot-wide area to about 10 feet bgs in the northeastern part of grids WC02_0-5 and WC02_5-10 for equipment mobilization. Excavated soil/fill was graded adjacent to the area of excavation.
- Urban excavated an about 10-foot-long by 5-foot-wide area to about 8 feet bgs in the central part of the site, waste characterization grids WC02_0-5, WC02_5-10, WC04_0-5, and WC04_5-10, for equipment mobilization. Excavated soil/fill was graded adjacent to the area of excavation.
- Urban graded an about 30-foot-long by 20-foot-wide area of soil/fill in the central part of the site, waste characterization grids WC02, WC03, WC04, and WC05, 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 used an excavator with a jackhammer attachment to break up concrete in the eastern part of waste characterization grid WC02 to prepare for lagging installation.
- Urban continued installing two rock sockets for two caissons in the southern part of the site.
- Urban installed three soldier piles in the northern part of the site.

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	120	2,400	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.

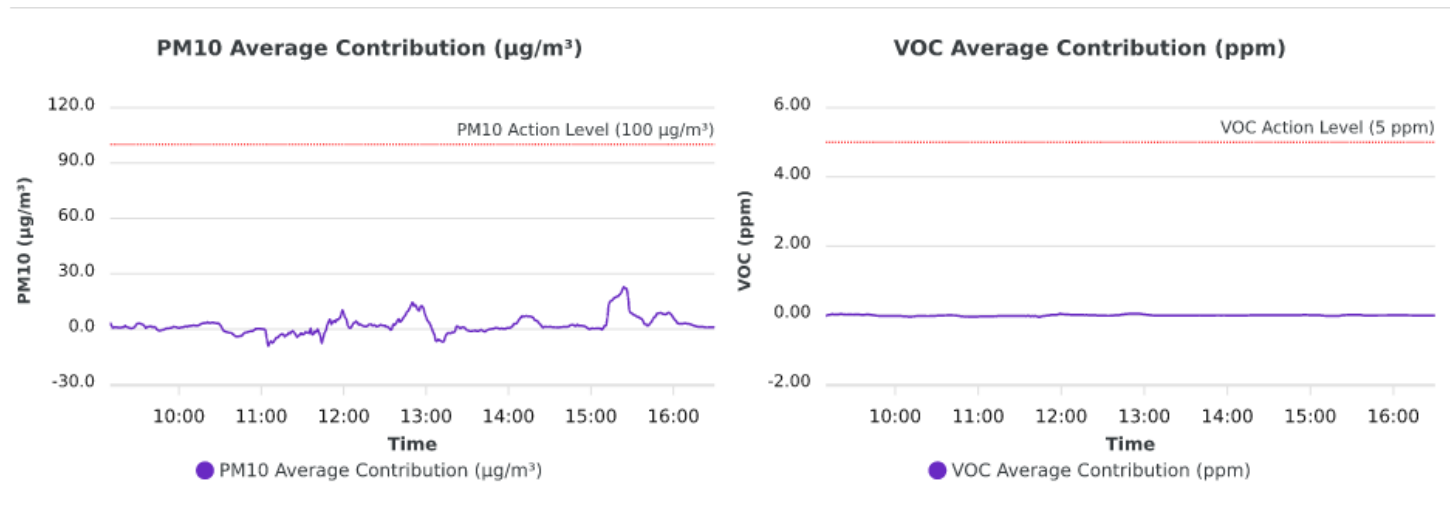
Air Monitoring:

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	10.1	Daily Background	0.02
PM10 Average Site Contribution (Minimum)	-9.2	VOC Average Site Contribution (Minimum)	-0.05
PM10 Average Site Contribution (Maximum)	22.9	VOC Average Site Contribution (Maximum)	0.05

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

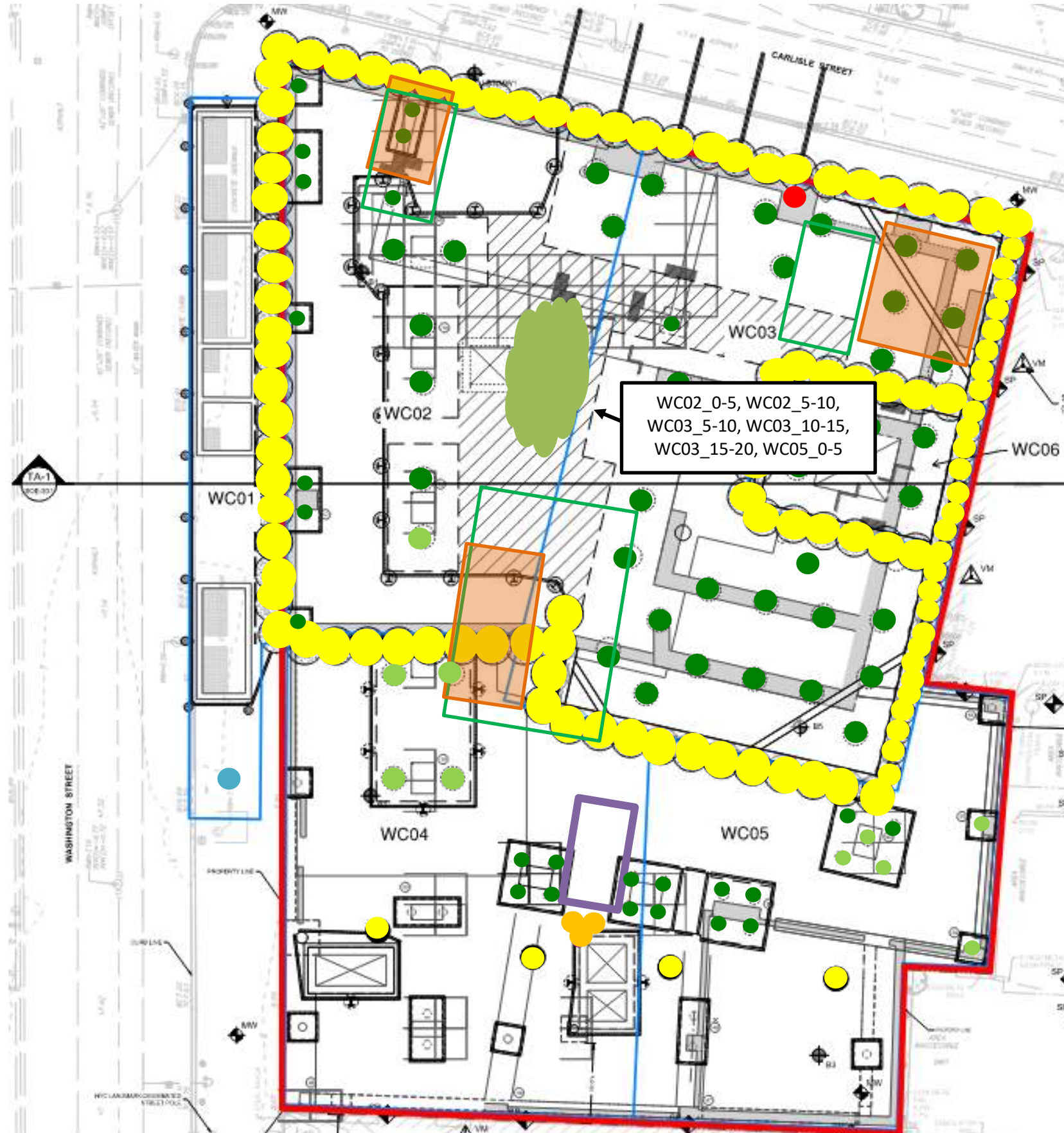
ppm: parts per million.



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 Urban excavating soil/fill in WC04 (facing southwest).



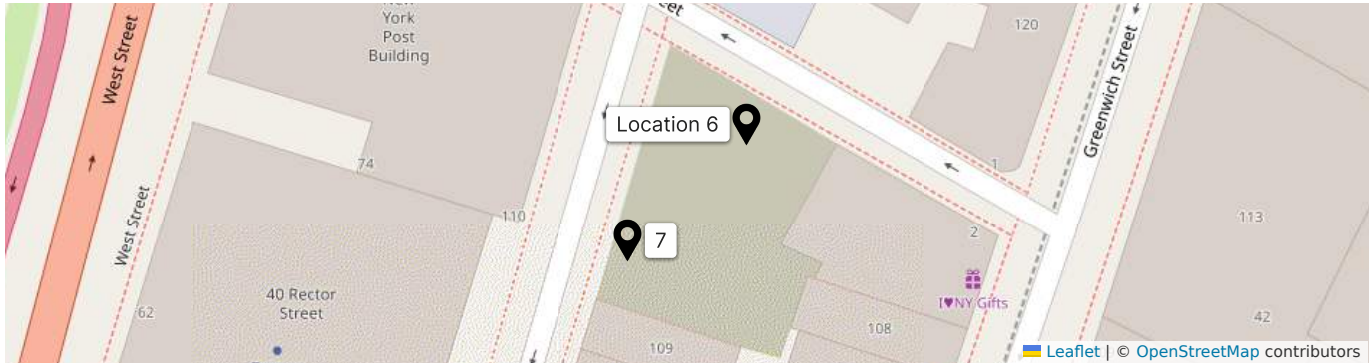
Photo 2: View of Urban excavating soil/fill in WC03_10-15 (facing south).



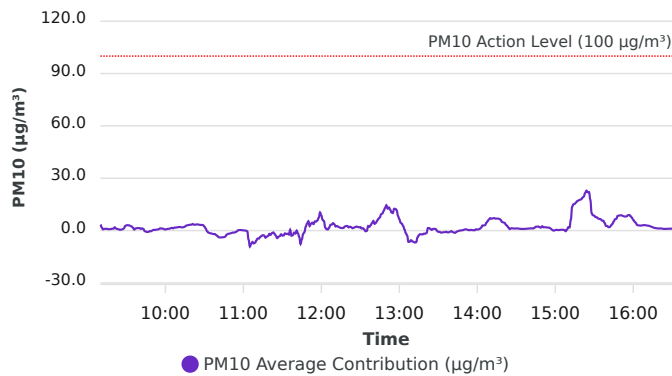
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	11/16/2023 06:00
		To:	11/16/2023 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
11/16/2023	0.1-2.3	WSW

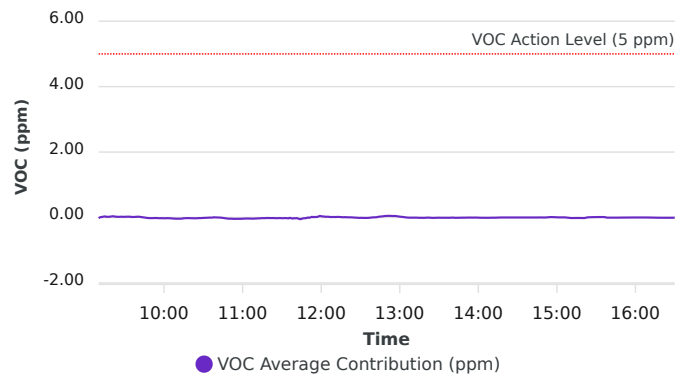
Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 11/16/2023	-9.2	11:05	-0.05	11:44
Max Contribution (15 min avg.) - 11/16/2023	22.9	15:24	0.05	12:51



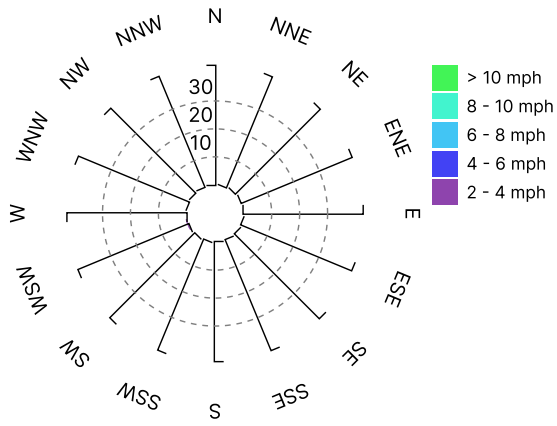
PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)



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
11/16/2023 09:10:00	10.1	13.5	3.4	0.02	0.00	-0.02	0.5	WSW
11/16/2023 09:11:00	12.1	13.9	1.8	0.01	0.01	0.01	0.5	ENE
11/16/2023 09:12:00	13.2	13.9	0.7	0.01	0.02	0.01	0.6	ENE
11/16/2023 09:13:00	12.4	13.4	1.0	0.01	0.03	0.02	0.6	ENE
11/16/2023 09:14:00	12.1	13.1	1.0	0.00	0.03	0.03	0.7	E
11/16/2023 09:15:00	11.7	12.8	1.1	0.00	0.04	0.03	0.7	ESE
11/16/2023 09:16:00	11.6	12.3	0.8	0.01	0.03	0.02	0.6	SW
11/16/2023 09:17:00	11.3	12.1	0.8	0.01	0.03	0.02	0.7	NE
11/16/2023 09:18:00	11.1	12.0	0.9	0.01	0.03	0.02	0.7	ESE
11/16/2023 09:19:00	10.9	12.0	1.1	0.01	0.04	0.03	0.7	ENE
11/16/2023 09:20:00	10.8	11.9	1.1	0.01	0.04	0.03	0.7	E
11/16/2023 09:21:00	10.7	12.6	1.9	0.01	0.04	0.04	0.7	E
11/16/2023 09:22:00	11.2	12.3	1.2	0.01	0.04	0.03	0.7	S
11/16/2023 09:23:00	11.3	12.2	0.9	0.01	0.04	0.03	0.7	SSE
11/16/2023 09:24:00	11.3	12.1	0.8	0.01	0.04	0.02	0.7	WSW
11/16/2023 09:25:00	11.4	11.9	0.4	0.01	0.04	0.02	0.7	SW
11/16/2023 09:26:00	11.2	11.7	0.5	0.01	0.04	0.02	0.7	E
11/16/2023 09:27:00	10.8	11.6	0.8	0.01	0.04	0.02	0.7	ESE
11/16/2023 09:28:00	10.8	12.0	1.2	0.01	0.04	0.02	0.7	NE
11/16/2023 09:29:00	10.8	13.4	2.6	0.01	0.04	0.02	0.7	ENE
11/16/2023 09:30:00	10.9	13.9	3.0	0.01	0.03	0.02	0.7	ENE
11/16/2023 09:31:00	11.1	14.2	3.1	0.01	0.04	0.03	0.7	ENE
11/16/2023 09:32:00	11.2	14.2	3.0	0.01	0.04	0.02	0.7	SE
11/16/2023 09:33:00	11.5	14.2	2.7	0.01	0.04	0.03	0.7	ESE
11/16/2023 09:34:00	11.7	14.1	2.4	0.01	0.03	0.02	0.7	ESE
11/16/2023 09:35:00	12.3	14.0	1.7	0.01	0.03	0.02	0.7	ENE
11/16/2023 09:36:00	12.9	13.5	0.6	0.01	0.03	0.01	0.7	E
11/16/2023 09:37:00	12.7	13.9	1.2	0.01	0.03	0.02	0.7	SW
11/16/2023 09:38:00	12.6	14.0	1.4	0.01	0.03	0.02	0.7	WSW
11/16/2023 09:39:00	12.6	14.1	1.4	0.01	0.03	0.02	0.7	W
11/16/2023 09:40:00	12.7	14.1	1.4	0.00	0.03	0.03	0.7	E
11/16/2023 09:41:00	13.2	14.2	1.0	0.00	0.03	0.02	0.7	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
11/16/2023 09:42:00	13.2	14.5	1.3	0.01	0.02	0.02	0.7	WSW
11/16/2023 09:43:00	13.2	14.2	0.9	0.01	0.02	0.01	0.7	WSW
11/16/2023 09:44:00	13.3	13.0	-0.2	0.01	0.02	0.01	0.8	WSW
11/16/2023 09:45:00	13.3	12.6	-0.7	0.02	0.01	0.00	0.8	WSW
11/16/2023 09:46:00	13.3	12.5	-0.8	0.02	0.01	-0.01	0.8	W
11/16/2023 09:47:00	13.3	12.6	-0.7	0.02	0.01	-0.01	0.8	WSW
11/16/2023 09:48:00	13.1	12.8	-0.3	0.03	0.01	-0.02	0.8	WSW
11/16/2023 09:49:00	13.3	12.9	-0.4	0.03	0.01	-0.02	0.8	ESE
11/16/2023 09:50:00	12.9	13.0	0.1	0.03	0.01	-0.02	0.7	E
11/16/2023 09:51:00	12.6	13.1	0.5	0.03	0.01	-0.02	0.7	ENE
11/16/2023 09:52:00	13.2	13.5	0.3	0.03	0.01	-0.02	0.7	ENE
11/16/2023 09:53:00	13.7	14.2	0.5	0.03	0.01	-0.02	0.7	W
11/16/2023 09:54:00	13.9	14.5	0.6	0.03	0.01	-0.01	0.7	NE
11/16/2023 09:55:00	13.8	14.6	0.8	0.03	0.01	-0.02	0.7	NW
11/16/2023 09:56:00	13.4	14.7	1.3	0.03	0.01	-0.02	0.7	WNW
11/16/2023 09:57:00	13.6	14.8	1.2	0.03	0.01	-0.02	0.7	WSW
11/16/2023 09:58:00	13.9	15.1	1.1	0.03	0.01	-0.02	0.7	WSW
11/16/2023 09:59:00	14.2	15.0	0.8	0.03	0.01	-0.02	0.7	W
11/16/2023 10:00:00	14.4	15.0	0.6	0.03	0.01	-0.02	0.7	WSW
11/16/2023 10:01:00	14.3	15.2	0.8	0.03	0.01	-0.02	0.7	W
11/16/2023 10:02:00	14.3	15.3	1.0	0.03	0.01	-0.02	0.7	W
11/16/2023 10:03:00	14.4	15.4	1.0	0.03	0.01	-0.02	0.7	WSW
11/16/2023 10:04:00	14.3	15.6	1.3	0.03	0.01	-0.02	0.7	WSW
11/16/2023 10:05:00	14.5	16.1	1.6	0.03	0.01	-0.03	0.8	W
11/16/2023 10:06:00	15.4	16.7	1.3	0.04	0.01	-0.03	0.8	W
11/16/2023 10:07:00	15.1	16.8	1.7	0.04	0.01	-0.03	0.8	WSW
11/16/2023 10:08:00	14.7	16.4	1.7	0.04	0.01	-0.03	0.8	WSW
11/16/2023 10:09:00	14.7	16.6	1.9	0.04	0.00	-0.04	0.9	WSW
11/16/2023 10:10:00	14.8	16.8	1.9	0.04	0.00	-0.04	0.9	W
11/16/2023 10:11:00	14.9	17.0	2.1	0.04	0.00	-0.04	1.0	WSW
11/16/2023 10:12:00	14.8	16.8	1.9	0.04	0.00	-0.04	1.0	WSW
11/16/2023 10:13:00	14.7	16.5	1.8	0.04	0.00	-0.04	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
11/16/2023 10:14:00	14.5	16.4	2.0	0.04	0.01	-0.03	1.0	WSW
11/16/2023 10:15:00	14.3	16.5	2.3	0.03	0.01	-0.03	1.0	WSW
11/16/2023 10:16:00	14.2	17.0	2.8	0.03	0.01	-0.02	1.1	WSW
11/16/2023 10:17:00	14.2	17.3	3.1	0.03	0.01	-0.02	1.1	WSW
11/16/2023 10:18:00	14.3	17.4	3.2	0.03	0.01	-0.02	1.2	W
11/16/2023 10:19:00	14.2	17.6	3.4	0.03	0.01	-0.02	1.2	W
11/16/2023 10:20:00	13.8	17.2	3.4	0.03	0.01	-0.02	1.2	W
11/16/2023 10:21:00	12.9	16.6	3.8	0.03	0.01	-0.02	1.1	W
11/16/2023 10:22:00	12.7	16.1	3.4	0.04	0.01	-0.02	1.2	WSW
11/16/2023 10:23:00	12.7	16.1	3.4	0.04	0.01	-0.03	1.2	WSW
11/16/2023 10:24:00	12.6	16.1	3.5	0.04	0.01	-0.03	1.2	WSW
11/16/2023 10:25:00	12.5	16.0	3.5	0.04	0.01	-0.02	1.3	WSW
11/16/2023 10:26:00	12.4	15.8	3.3	0.04	0.01	-0.02	1.2	WSW
11/16/2023 10:27:00	12.5	15.7	3.2	0.03	0.01	-0.02	1.2	E
11/16/2023 10:28:00	12.6	15.8	3.2	0.03	0.01	-0.02	1.1	SW
11/16/2023 10:29:00	12.8	15.9	3.1	0.03	0.02	-0.02	1.1	E
11/16/2023 10:30:00	13.5	15.8	2.3	0.03	0.02	-0.01	1.1	E
11/16/2023 10:31:00	14.2	15.4	1.2	0.03	0.02	-0.01	1.1	E
11/16/2023 10:32:00	15.4	15.1	-0.3	0.03	0.02	-0.01	1.0	E
11/16/2023 10:33:00	16.0	14.9	-1.1	0.03	0.02	-0.01	1.0	E
11/16/2023 10:34:00	16.2	14.8	-1.4	0.03	0.02	-0.01	0.9	E
11/16/2023 10:35:00	16.4	14.8	-1.6	0.02	0.02	0.00	0.9	WSW
11/16/2023 10:36:00	16.5	14.8	-1.8	0.02	0.02	0.00	0.9	S
11/16/2023 10:37:00	16.8	14.8	-2.0	0.02	0.02	0.00	0.9	SE
11/16/2023 10:38:00	17.0	15.0	-2.0	0.02	0.02	0.01	0.8	E
11/16/2023 10:39:00	17.4	14.8	-2.5	0.02	0.02	0.00	0.7	WSW
11/16/2023 10:40:00	17.9	14.8	-3.1	0.02	0.02	0.00	0.7	S
11/16/2023 10:41:00	18.9	15.0	-3.8	0.02	0.02	0.00	0.7	W
11/16/2023 10:42:00	19.2	15.2	-4.0	0.02	0.02	0.00	0.7	WSW
11/16/2023 10:43:00	19.4	15.5	-3.9	0.02	0.02	0.00	0.7	NW
11/16/2023 10:44:00	19.5	15.7	-3.9	0.02	0.02	-0.01	0.7	WSW
11/16/2023 10:45:00	19.6	15.8	-3.8	0.03	0.01	-0.01	0.7	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
11/16/2023 10:46:00	19.4	15.9	-3.5	0.03	0.01	-0.02	0.7	WSW
11/16/2023 10:47:00	18.5	16.0	-2.5	0.03	0.01	-0.03	0.8	WSW
11/16/2023 10:48:00	18.0	16.1	-1.9	0.04	0.01	-0.03	0.8	WSW
11/16/2023 10:49:00	18.0	16.2	-1.8	0.04	0.01	-0.04	0.8	WSW
11/16/2023 10:50:00	18.0	16.4	-1.6	0.04	0.01	-0.04	0.8	WSW
11/16/2023 10:51:00	18.0	16.6	-1.4	0.04	0.01	-0.04	0.9	WSW
11/16/2023 10:52:00	17.9	16.8	-1.1	0.04	0.01	-0.04	1.0	WSW
11/16/2023 10:53:00	17.9	16.7	-1.2	0.04	0.00	-0.04	1.1	WSW
11/16/2023 10:54:00	17.6	16.8	-0.9	0.04	0.00	-0.04	1.2	WSW
11/16/2023 10:55:00	17.4	16.9	-0.4	0.04	0.00	-0.04	1.2	WSW
11/16/2023 10:56:00	16.8	17.0	0.2	0.04	0.00	-0.04	1.3	WSW
11/16/2023 10:57:00	16.8	17.1	0.3	0.04	0.00	-0.04	1.3	W
11/16/2023 10:58:00	16.8	17.1	0.3	0.04	0.00	-0.04	1.4	WSW
11/16/2023 10:59:00				0.04	0.00	-0.04	1.4	WSW
11/16/2023 11:00:00				0.04	0.00	-0.04	1.4	W
11/16/2023 11:01:00				0.04	0.00	-0.04	1.5	WSW
11/16/2023 11:02:00	18.9	18.9	0.0	0.04	0.00	-0.03	1.4	WSW
11/16/2023 11:03:00	18.7	18.3	-0.4	0.04	0.00	-0.03	1.4	W
11/16/2023 11:04:00	23.2	17.9	-5.2	0.04	0.00	-0.03	1.4	WSW
11/16/2023 11:05:00	28.3	19.0	-9.2	0.04	0.00	-0.03	1.3	W
11/16/2023 11:06:00	27.4	19.9	-7.6	0.04	0.00	-0.03	1.3	WSW
11/16/2023 11:07:00	26.4	19.9	-6.5	0.04	0.00	-0.04	1.3	WSW
11/16/2023 11:08:00	27.0	19.7	-7.4	0.04	0.00	-0.04	1.2	W
11/16/2023 11:09:00	26.3	19.4	-7.0	0.04	0.00	-0.04	1.1	W
11/16/2023 11:10:00	25.7	20.1	-5.6	0.03	0.01	-0.03	1.0	NE
11/16/2023 11:11:00	24.9	20.3	-4.5	0.04	0.01	-0.03	1.0	WSW
11/16/2023 11:12:00	24.6	20.0	-4.6	0.03	0.01	-0.03	0.9	E
11/16/2023 11:13:00	23.9	20.2	-3.6	0.04	0.01	-0.03	0.8	NW
11/16/2023 11:14:00	23.6	20.6	-3.1	0.03	0.01	-0.02	0.8	NE
11/16/2023 11:15:00	23.4	20.7	-2.6	0.03	0.01	-0.02	0.7	ESE
11/16/2023 11:16:00	23.5	20.6	-2.9	0.04	0.01	-0.02	0.6	W
11/16/2023 11:17:00	24.6	20.6	-4.1	0.04	0.02	-0.02	0.6	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/16/2023 11:18:00	24.6	21.1	-3.5	0.03	0.02	-0.02	0.5	ENE
11/16/2023 11:19:00	24.1	21.1	-3.1	0.03	0.02	-0.02	0.5	W
11/16/2023 11:20:00	22.6	20.7	-1.9	0.04	0.02	-0.02	0.5	WSW
11/16/2023 11:21:00	22.6	20.2	-2.4	0.04	0.02	-0.02	0.5	WSW
11/16/2023 11:22:00	22.6	21.1	-1.4	0.04	0.02	-0.02	0.5	WSW
11/16/2023 11:23:00	22.3	21.2	-1.1	0.04	0.02	-0.02	0.5	W
11/16/2023 11:24:00	23.1	21.2	-1.9	0.04	0.02	-0.02	0.5	W
11/16/2023 11:25:00	23.8	20.9	-3.0	0.04	0.01	-0.02	0.5	W
11/16/2023 11:26:00	24.9	20.6	-4.3	0.04	0.01	-0.02	0.5	W
11/16/2023 11:27:00	24.8	21.2	-3.6	0.04	0.01	-0.02	0.5	NE
11/16/2023 11:28:00	24.9	21.7	-3.2	0.03	0.01	-0.02	0.5	NE
11/16/2023 11:29:00	24.5	22.4	-2.1	0.03	0.01	-0.02	0.5	N
11/16/2023 11:30:00	25.0	22.1	-2.9	0.03	0.01	-0.02	0.5	WNW
11/16/2023 11:31:00	24.7	21.9	-2.8	0.03	0.01	-0.02	0.5	W
11/16/2023 11:32:00	23.8	22.2	-1.6	0.03	0.01	-0.02	0.5	SE
11/16/2023 11:33:00	23.9	22.0	-1.9	0.03	0.01	-0.02	0.5	ENE
11/16/2023 11:34:00	23.9	22.1	-1.8	0.03	0.01	-0.02	0.5	W
11/16/2023 11:35:00	24.5	22.2	-2.3	0.04	0.01	-0.03	0.5	SW
11/16/2023 11:36:00	24.1	24.6	0.5	0.03	0.02	-0.01	0.5	ENE
11/16/2023 11:37:00	26.7	23.7	-3.0	0.04	0.02	-0.02	0.5	WSW
11/16/2023 11:38:00	26.6	24.0	-2.7	0.05	0.02	-0.03	0.5	W
11/16/2023 11:39:00	25.9	24.8	-1.2	0.05	0.03	-0.02	0.5	E
11/16/2023 11:40:00	26.4	24.7	-1.7	0.06	0.03	-0.03	0.5	WSW
11/16/2023 11:41:00	25.4	25.4	0.0	0.06	0.04	-0.02	0.5	N
11/16/2023 11:42:00	26.4	24.8	-1.6	0.07	0.04	-0.03	0.4	W
11/16/2023 11:43:00	27.8	24.1	-3.7	0.08	0.04	-0.04	0.5	WSW
11/16/2023 11:44:00	30.8	23.1	-7.7	0.09	0.04	-0.05	0.4	W
11/16/2023 11:45:00	30.3	25.3	-5.0	0.09	0.05	-0.04	0.4	NW
11/16/2023 11:46:00	30.1	28.3	-1.9	0.09	0.06	-0.03	0.4	NE
11/16/2023 11:47:00	29.9	29.1	-0.9	0.09	0.06	-0.02	0.5	ENE
11/16/2023 11:48:00	29.7	32.0	2.3	0.09	0.06	-0.02	0.5	ENE
11/16/2023 11:49:00	29.2	33.2	4.0	0.08	0.07	-0.01	0.5	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
11/16/2023 11:50:00	28.3	33.7	5.4	0.07	0.07	0.00	0.4	NE
11/16/2023 11:51:00	28.9	31.4	2.6	0.07	0.06	-0.01	0.4	ENE
11/16/2023 11:52:00	27.3	31.3	3.9	0.06	0.06	0.01	0.4	E
11/16/2023 11:53:00	26.8	31.3	4.5	0.04	0.06	0.02	0.4	ENE
11/16/2023 11:54:00	26.9	30.6	3.7	0.04	0.05	0.01	0.4	NW
11/16/2023 11:55:00	25.5	30.8	5.3	0.04	0.06	0.02	0.4	NE
11/16/2023 11:56:00	25.5	30.6	5.2	0.03	0.05	0.01	0.4	ESE
11/16/2023 11:57:00	24.8	30.6	5.8	0.03	0.05	0.02	0.4	NW
11/16/2023 11:58:00	23.4	30.8	7.4	0.02	0.05	0.03	0.4	NE
11/16/2023 11:59:00	20.5	30.9	10.4	0.01	0.05	0.05	0.3	NE
11/16/2023 12:00:00	20.3	28.9	8.6	0.01	0.04	0.04	0.3	E
11/16/2023 12:01:00	20.2	26.3	6.1	0.01	0.04	0.03	0.3	ENE
11/16/2023 12:02:00	20.0	25.4	5.4	0.01	0.04	0.03	0.3	NNW
11/16/2023 12:03:00	20.3	22.0	1.7	0.01	0.03	0.02	0.2	NW
11/16/2023 12:04:00	20.3	21.1	0.8	0.01	0.03	0.02	0.2	ENE
11/16/2023 12:05:00	20.3	20.9	0.6	0.01	0.03	0.02	0.2	NNE
11/16/2023 12:06:00	19.6	21.2	1.7	0.01	0.03	0.02	0.2	N
11/16/2023 12:07:00	18.3	21.6	3.3	0.02	0.03	0.02	0.2	E
11/16/2023 12:08:00	18.3	21.7	3.4	0.02	0.03	0.01	0.2	E
11/16/2023 12:09:00	17.9	22.1	4.3	0.02	0.04	0.02	0.2	ENE
11/16/2023 12:10:00	18.3	21.9	3.6	0.02	0.04	0.01	0.2	ENE
11/16/2023 12:11:00	19.3	21.6	2.3	0.02	0.04	0.01	0.2	NNE
11/16/2023 12:12:00	19.4	22.0	2.6	0.02	0.04	0.02	0.2	ENE
11/16/2023 12:13:00	19.5	21.7	2.2	0.02	0.04	0.02	0.2	NE
11/16/2023 12:14:00	19.7	21.5	1.8	0.02	0.04	0.02	0.2	ENE
11/16/2023 12:15:00	19.8	21.3	1.5	0.02	0.04	0.01	0.2	NE
11/16/2023 12:16:00	19.9	21.3	1.4	0.02	0.03	0.01	0.2	NNE
11/16/2023 12:17:00	19.9	21.4	1.5	0.03	0.03	0.01	0.2	NNE
11/16/2023 12:18:00	19.6	21.9	2.3	0.02	0.03	0.01	0.2	NE
11/16/2023 12:19:00	19.7	22.3	2.6	0.03	0.03	0.01	0.2	NNW
11/16/2023 12:20:00	20.0	22.6	2.6	0.03	0.03	0.01	0.2	NNE
11/16/2023 12:21:00	20.9	22.7	1.8	0.03	0.03	0.01	0.2	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/16/2023 12:22:00	21.5	23.7	2.2	0.02	0.03	0.01	0.2	WNW
11/16/2023 12:23:00	22.2	24.1	2.0	0.02	0.03	0.00	0.2	S
11/16/2023 12:24:00	23.0	24.3	1.4	0.02	0.02	0.00	0.2	WSW
11/16/2023 12:25:00	22.8	24.4	1.6	0.02	0.02	0.00	0.2	WSW
11/16/2023 12:26:00	22.4	24.4	2.0	0.02	0.02	-0.01	0.2	SW
11/16/2023 12:27:00	21.9	24.2	2.3	0.02	0.02	-0.01	0.2	SE
11/16/2023 12:28:00	22.1	24.2	2.1	0.02	0.01	-0.01	0.2	WSW
11/16/2023 12:29:00	22.3	24.2	1.9	0.03	0.01	-0.01	0.2	WSW
11/16/2023 12:30:00	22.3	24.3	2.0	0.03	0.02	-0.01	0.3	E
11/16/2023 12:31:00	22.9	24.1	1.2	0.03	0.02	-0.01	0.3	W
11/16/2023 12:32:00	22.9	24.3	1.4	0.03	0.02	-0.01	0.3	ENE
11/16/2023 12:33:00	23.2	23.9	0.7	0.03	0.02	-0.01	0.3	WSW
11/16/2023 12:34:00	23.7	23.3	-0.4	0.03	0.01	-0.01	0.3	SSE
11/16/2023 12:35:00	23.5	23.4	-0.2	0.03	0.01	-0.01	0.3	ENE
11/16/2023 12:36:00	22.8	25.5	2.6	0.03	0.02	-0.01	0.3	E
11/16/2023 12:37:00	22.6	24.8	2.2	0.03	0.02	-0.01	0.4	E
11/16/2023 12:38:00	21.8	24.9	3.1	0.03	0.02	0.00	0.4	E
11/16/2023 12:39:00	21.0	25.4	4.3	0.02	0.02	0.00	0.4	ESE
11/16/2023 12:40:00	20.6	26.2	5.5	0.02	0.03	0.01	0.4	E
11/16/2023 12:41:00	22.1	26.0	3.9	0.02	0.03	0.01	0.4	W
11/16/2023 12:42:00	21.9	26.4	4.5	0.03	0.03	0.01	0.4	NE
11/16/2023 12:43:00	21.4	27.1	5.7	0.03	0.04	0.01	0.4	E
11/16/2023 12:44:00	21.1	28.0	6.8	0.02	0.05	0.03	0.4	E
11/16/2023 12:45:00	21.2	28.7	7.5	0.02	0.05	0.03	0.4	E
11/16/2023 12:46:00	20.6	30.0	9.4	0.02	0.05	0.03	0.4	NNE
11/16/2023 12:47:00	20.6	30.4	9.8	0.02	0.05	0.04	0.4	ENE
11/16/2023 12:48:00	20.4	31.8	11.3	0.01	0.06	0.04	0.4	E
11/16/2023 12:49:00	20.1	33.0	13.0	0.01	0.06	0.05	0.4	E
11/16/2023 12:50:00	20.1	34.6	14.5	0.01	0.06	0.05	0.5	E
11/16/2023 12:51:00	19.9	32.5	12.6	0.01	0.06	0.05	0.5	ENE
11/16/2023 12:52:00	20.1	33.4	13.3	0.01	0.06	0.05	0.5	ESE
11/16/2023 12:53:00	20.8	32.8	12.0	0.01	0.06	0.05	0.5	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
11/16/2023 12:54:00	21.8	32.1	10.3	0.02	0.06	0.05	0.6	E
11/16/2023 12:55:00	22.4	32.4	10.0	0.02	0.06	0.04	0.6	E
11/16/2023 12:56:00	20.5	33.0	12.5	0.01	0.06	0.05	0.6	ESE
11/16/2023 12:57:00	20.5	32.9	12.4	0.01	0.06	0.04	0.6	E
11/16/2023 12:58:00	20.9	32.5	11.6	0.02	0.06	0.04	0.6	E
11/16/2023 12:59:00	24.0	32.3	8.3	0.02	0.05	0.03	0.6	ENE
11/16/2023 13:00:00	25.4	32.0	6.5	0.02	0.05	0.03	0.7	E
11/16/2023 13:01:00	26.6	31.1	4.5	0.02	0.04	0.02	0.7	W
11/16/2023 13:02:00	27.0	30.9	3.9	0.02	0.04	0.02	0.7	E
11/16/2023 13:03:00	27.2	29.7	2.5	0.03	0.04	0.01	0.7	WSW
11/16/2023 13:04:00	27.9	28.5	0.6	0.03	0.04	0.01	0.7	E
11/16/2023 13:05:00	28.0	26.5	-1.5	0.03	0.03	0.00	0.7	E
11/16/2023 13:06:00	29.1	26.3	-2.8	0.03	0.03	0.00	0.7	E
11/16/2023 13:07:00	31.4	24.9	-6.5	0.03	0.03	-0.01	0.7	E
11/16/2023 13:08:00	31.1	24.7	-6.4	0.03	0.03	-0.01	0.7	E
11/16/2023 13:09:00	30.1	24.6	-5.5	0.03	0.03	-0.01	0.7	ENE
11/16/2023 13:10:00	29.7	23.5	-6.2	0.03	0.03	-0.01	0.7	E
11/16/2023 13:11:00	29.8	23.3	-6.5	0.03	0.03	-0.01	0.8	E
11/16/2023 13:12:00	30.0	23.2	-6.9	0.03	0.02	-0.01	0.8	E
11/16/2023 13:13:00	29.7	23.0	-6.7	0.03	0.02	-0.01	0.8	E
11/16/2023 13:14:00	26.7	22.9	-3.9	0.03	0.02	-0.01	0.8	ENE
11/16/2023 13:15:00	25.4	22.8	-2.6	0.03	0.02	-0.01	0.8	E
11/16/2023 13:16:00	24.5	22.4	-2.1	0.03	0.02	-0.01	0.7	SSE
11/16/2023 13:17:00	24.4	22.3	-2.1	0.03	0.02	-0.01	0.8	W
11/16/2023 13:18:00	24.4	22.2	-2.2	0.03	0.02	-0.01	0.7	W
11/16/2023 13:19:00	23.9	22.2	-1.7	0.03	0.02	-0.01	0.8	WSW
11/16/2023 13:20:00	23.8	21.9	-1.8	0.03	0.02	-0.01	0.8	WSW
11/16/2023 13:21:00	23.1	21.8	-1.3	0.02	0.02	0.00	0.8	E
11/16/2023 13:22:00	20.4	21.9	1.5	0.02	0.02	0.00	0.8	WSW
11/16/2023 13:23:00	20.4	21.8	1.4	0.02	0.01	-0.01	0.7	NW
11/16/2023 13:24:00	20.9	21.8	0.9	0.02	0.01	-0.01	0.7	W
11/16/2023 13:25:00	21.5	21.9	0.4	0.03	0.01	-0.01	0.7	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
11/16/2023 13:26:00	21.4	22.4	0.9	0.03	0.01	-0.01	0.7	E
11/16/2023 13:27:00	21.9	22.9	1.0	0.02	0.01	-0.01	0.6	E
11/16/2023 13:28:00	22.6	23.4	0.9	0.02	0.01	-0.01	0.6	E
11/16/2023 13:29:00	23.2	23.1	-0.1	0.02	0.01	-0.01	0.6	W
11/16/2023 13:30:00	23.6	22.9	-0.7	0.02	0.01	-0.01	0.7	W
11/16/2023 13:31:00	23.6	22.9	-0.7	0.02	0.01	-0.01	0.7	WSW
11/16/2023 13:32:00	23.8	22.6	-1.2	0.02	0.01	-0.01	0.7	W
11/16/2023 13:33:00	23.8	22.7	-1.1	0.02	0.01	-0.01	0.8	WSW
11/16/2023 13:34:00	23.7	22.8	-0.9	0.02	0.01	-0.01	0.8	WSW
11/16/2023 13:35:00	24.0	23.0	-0.9	0.01	0.01	-0.01	0.7	WSW
11/16/2023 13:36:00	23.8	23.1	-0.7	0.02	0.01	-0.01	0.8	WSW
11/16/2023 13:37:00	24.1	23.1	-1.0	0.01	0.01	-0.01	0.8	WSW
11/16/2023 13:38:00	24.1	23.1	-1.0	0.01	0.01	-0.01	0.8	W
11/16/2023 13:39:00	23.9	23.2	-0.7	0.01	0.01	-0.01	0.8	WSW
11/16/2023 13:40:00	23.6	23.2	-0.3	0.01	0.01	0.00	0.8	NNE
11/16/2023 13:41:00	23.6	22.8	-0.8	0.01	0.01	-0.01	0.8	WSW
11/16/2023 13:42:00	23.2	22.1	-1.2	0.01	0.00	-0.01	0.8	WSW
11/16/2023 13:43:00	22.8	21.5	-1.3	0.01	0.00	-0.01	0.9	WSW
11/16/2023 13:44:00	22.2	21.5	-0.7	0.01	0.00	-0.01	0.9	WSW
11/16/2023 13:45:00	21.8	21.5	-0.3	0.01	0.00	-0.01	0.8	SSW
11/16/2023 13:46:00	21.7	21.6	-0.1	0.01	0.00	-0.01	0.8	SW
11/16/2023 13:47:00	21.5	21.6	0.0	0.01	0.00	-0.01	0.8	WSW
11/16/2023 13:48:00	21.3	21.4	0.1	0.01	0.00	-0.01	0.7	W
11/16/2023 13:49:00	21.4	21.6	0.2	0.01	0.00	-0.01	0.7	WSW
11/16/2023 13:50:00	21.1	21.7	0.6	0.01	0.00	-0.01	0.7	WSW
11/16/2023 13:51:00	21.0	21.8	0.7	0.01	0.00	0.00	0.7	WSW
11/16/2023 13:52:00	20.8	21.4	0.6	0.01	0.00	0.00	0.7	W
11/16/2023 13:53:00	20.6	20.9	0.3	0.00	0.00	0.00	0.7	W
11/16/2023 13:54:00	20.3	20.4	0.2	0.00	0.00	0.00	0.7	WSW
11/16/2023 13:55:00	19.8	20.2	0.4	0.00	0.00	0.00	0.7	WSW
11/16/2023 13:56:00	19.5	19.7	0.3	0.00	0.00	0.00	0.7	W
11/16/2023 13:57:00	19.4	19.6	0.2	0.00	0.00	0.00	0.6	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
11/16/2023 13:58:00	19.2	19.4	0.2	0.00	0.00	0.00	0.6	W
11/16/2023 13:59:00	19.0	19.7	0.7	0.01	0.00	0.00	0.6	W
11/16/2023 14:00:00	18.8	19.4	0.6	0.01	0.00	-0.01	0.6	WSW
11/16/2023 14:01:00	18.6	19.3	0.7	0.01	0.00	-0.01	0.6	W
11/16/2023 14:02:00	18.4	19.4	1.1	0.01	0.00	-0.01	0.6	W
11/16/2023 14:03:00	18.2	19.9	1.7	0.01	0.00	-0.01	0.6	WSW
11/16/2023 14:04:00	17.8	20.8	2.9	0.01	0.00	-0.01	0.6	WSW
11/16/2023 14:05:00	17.9	20.8	2.9	0.01	0.00	-0.01	0.7	W
11/16/2023 14:06:00	18.0	21.1	3.1	0.01	0.00	-0.01	0.6	WSW
11/16/2023 14:07:00	17.8	22.3	4.5	0.01	0.00	-0.01	0.6	WSW
11/16/2023 14:08:00	17.7	23.2	5.4	0.01	0.00	-0.01	0.6	WSW
11/16/2023 14:09:00	17.7	24.2	6.4	0.01	0.00	-0.01	0.7	WSW
11/16/2023 14:10:00	17.7	24.8	7.1	0.01	0.00	-0.01	0.7	S
11/16/2023 14:11:00	18.0	24.8	6.8	0.01	0.00	-0.01	0.7	E
11/16/2023 14:12:00	17.8	24.8	7.0	0.01	0.00	-0.01	0.8	WSW
11/16/2023 14:13:00	17.6	24.9	7.2	0.01	0.00	-0.01	0.8	WSW
11/16/2023 14:14:00	17.6	24.4	6.8	0.01	0.00	-0.01	0.8	WSW
11/16/2023 14:15:00	17.5	24.4	6.9	0.00	0.00	0.00	0.8	WSW
11/16/2023 14:16:00	17.3	24.1	6.9	0.00	0.00	0.00	0.8	W
11/16/2023 14:17:00	17.1	23.7	6.7	0.00	0.00	0.00	0.8	WSW
11/16/2023 14:18:00	16.8	23.0	6.2	0.00	0.00	0.00	0.8	W
11/16/2023 14:19:00	16.5	21.4	4.9	0.00	0.00	0.00	0.8	W
11/16/2023 14:20:00	16.1	20.8	4.7	0.00	0.00	0.00	0.8	WSW
11/16/2023 14:21:00	15.6	20.0	4.4	0.00	0.00	0.00	0.8	SW
11/16/2023 14:22:00	15.3	18.7	3.4	0.00	0.00	0.00	0.8	WSW
11/16/2023 14:23:00	15.0	17.6	2.7	0.00	0.00	0.00	0.8	WSW
11/16/2023 14:24:00	14.8	16.5	1.7	0.00	0.00	0.00	0.8	SW
11/16/2023 14:25:00	14.6	15.5	0.8	0.00	0.00	0.00	0.9	WSW
11/16/2023 14:26:00	14.1	15.4	1.3	0.00	0.00	0.00	0.9	W
11/16/2023 14:27:00	13.9	15.2	1.3	0.00	0.00	0.00	1.0	W
11/16/2023 14:28:00	13.7	14.8	1.2	0.00	0.00	0.00	1.0	W
11/16/2023 14:29:00	13.4	14.6	1.1	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
11/16/2023 14:30:00	13.2	14.4	1.3	0.00	0.00	0.00	1.2	WSW
11/16/2023 14:31:00	13.1	14.3	1.2	0.00	0.00	0.00	1.2	WNW
11/16/2023 14:32:00	13.1	14.2	1.1	0.00	0.00	0.00	1.1	W
11/16/2023 14:33:00	13.0	14.0	1.0	0.00	0.00	0.00	1.1	SW
11/16/2023 14:34:00	13.0	14.0	0.9	0.00	0.00	0.00	1.2	WSW
11/16/2023 14:35:00	13.0	14.0	1.0	0.00	0.00	0.00	1.2	W
11/16/2023 14:36:00	13.0	13.9	0.9	0.00	0.00	0.00	1.2	W
11/16/2023 14:37:00	13.0	14.0	1.0	0.00	0.00	0.00	1.2	WSW
11/16/2023 14:38:00	12.9	13.9	1.0	0.00	0.00	0.00	1.2	WSW
11/16/2023 14:39:00	12.8	14.0	1.2	0.00	0.00	0.00	1.2	WSW
11/16/2023 14:40:00	12.9	14.1	1.2	0.00	0.00	0.00	1.2	WSW
11/16/2023 14:41:00	12.8	14.1	1.2	0.00	0.00	0.00	1.1	W
11/16/2023 14:42:00	12.8	14.1	1.3	0.00	0.00	0.00	1.0	NW
11/16/2023 14:43:00	12.9	14.1	1.2	0.00	0.00	0.00	0.9	W
11/16/2023 14:44:00	13.0	14.7	1.6	0.00	0.00	0.00	0.8	W
11/16/2023 14:45:00	13.0	15.2	2.2	0.00	0.00	0.00	0.8	WSW
11/16/2023 14:46:00	13.1	15.4	2.2	0.00	0.00	0.00	0.7	NW
11/16/2023 14:47:00	13.5	15.8	2.3	0.00	0.00	0.00	0.7	WSW
11/16/2023 14:48:00	14.4	16.3	1.9	0.00	0.00	0.00	0.7	NNW
11/16/2023 14:49:00	14.9	16.6	1.7	0.00	0.00	0.00	0.6	NE
11/16/2023 14:50:00	15.0	17.5	2.5	0.00	0.00	0.00	0.5	WSW
11/16/2023 14:51:00	15.9	17.7	1.9	0.00	0.00	0.00	0.5	NNE
11/16/2023 14:52:00	16.1	18.1	1.9	0.00	0.01	0.00	0.5	WNW
11/16/2023 14:53:00	16.3	18.1	1.9	0.00	0.01	0.01	0.4	WSW
11/16/2023 14:54:00	16.3	18.1	1.7	0.00	0.01	0.01	0.4	W
11/16/2023 14:55:00	16.3	18.0	1.7	0.00	0.01	0.01	0.4	W
11/16/2023 14:56:00				0.01	0.02	0.01	0.4	WSW
11/16/2023 14:57:00				0.01	0.02	0.01	0.4	W
11/16/2023 14:58:00				0.01	0.02	0.01	0.4	W
11/16/2023 14:59:00	10.7	10.7	0.0	0.01	0.02	0.01	0.4	WSW
11/16/2023 15:00:00	10.5	10.8	0.3	0.01	0.02	0.01	0.4	S
11/16/2023 15:01:00	10.8	11.2	0.4	0.01	0.02	0.00	0.4	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
11/16/2023 15:02:00	10.8	11.2	0.3	0.01	0.02	0.00	0.5	WSW
11/16/2023 15:03:00	10.8	11.1	0.3	0.01	0.02	0.00	0.5	WNW
11/16/2023 15:04:00	10.8	11.2	0.4	0.01	0.02	0.00	0.5	W
11/16/2023 15:05:00	11.0	11.5	0.5	0.01	0.02	0.00	0.5	W
11/16/2023 15:06:00	11.4	11.9	0.5	0.01	0.01	0.00	0.6	WSW
11/16/2023 15:07:00	11.9	12.2	0.3	0.01	0.01	0.00	0.6	WNW
11/16/2023 15:08:00	12.6	12.3	-0.4	0.01	0.01	-0.01	0.6	W
11/16/2023 15:09:00	13.0	13.5	0.6	0.01	0.01	-0.01	0.6	WNW
11/16/2023 15:10:00	13.0	14.8	1.9	0.02	0.00	-0.01	0.6	W
11/16/2023 15:11:00	13.1	14.8	1.8	0.02	0.00	-0.02	0.6	W
11/16/2023 15:12:00	13.0	19.3	6.3	0.02	0.00	-0.02	0.6	WNW
11/16/2023 15:13:00	12.9	26.6	13.7	0.02	0.00	-0.02	0.6	W
11/16/2023 15:14:00	13.0	28.1	15.1	0.02	0.00	-0.02	0.6	W
11/16/2023 15:15:00	13.0	28.4	15.3	0.02	0.00	-0.02	0.6	WSW
11/16/2023 15:16:00	13.0	29.1	16.1	0.01	0.00	-0.01	0.6	W
11/16/2023 15:17:00	12.9	29.9	16.9	0.01	0.00	-0.01	0.6	W
11/16/2023 15:18:00	12.9	30.2	17.3	0.02	0.00	-0.02	0.6	W
11/16/2023 15:19:00	12.9	30.6	17.7	0.02	0.00	-0.02	0.5	WSW
11/16/2023 15:20:00	12.7	30.6	17.9	0.02	0.00	-0.02	0.5	WSW
11/16/2023 15:21:00	12.4	31.3	18.9	0.02	0.00	-0.02	0.5	W
11/16/2023 15:22:00	12.1	31.6	19.6	0.02	0.01	-0.01	0.5	SW
11/16/2023 15:23:00	11.5	33.1	21.6	0.02	0.02	0.00	0.5	WSW
11/16/2023 15:24:00	11.0	33.9	22.9	0.02	0.02	0.01	0.6	WSW
11/16/2023 15:25:00	10.8	32.8	22.0	0.02	0.02	0.01	0.5	W
11/16/2023 15:26:00	10.5	32.5	22.1	0.01	0.02	0.01	0.5	WSW
11/16/2023 15:27:00	10.5	28.1	17.7	0.01	0.02	0.01	0.6	W
11/16/2023 15:28:00	10.3	20.2	9.9	0.01	0.02	0.01	0.7	WSW
11/16/2023 15:29:00	10.0	18.8	8.8	0.01	0.02	0.01	0.7	W
11/16/2023 15:30:00	10.0	18.6	8.5	0.01	0.02	0.01	0.7	W
11/16/2023 15:31:00	10.0	17.8	7.7	0.01	0.02	0.01	0.8	W
11/16/2023 15:32:00	10.2	17.8	7.6	0.01	0.02	0.01	0.8	E
11/16/2023 15:33:00	10.7	17.6	6.9	0.01	0.02	0.01	0.8	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/16/2023 15:34:00	10.6	17.3	6.6	0.01	0.02	0.01	0.9	WSW
11/16/2023 15:35:00	10.6	17.1	6.5	0.01	0.02	0.01	1.0	W
11/16/2023 15:36:00	10.5	16.2	5.7	0.01	0.02	0.01	1.0	WSW
11/16/2023 15:37:00	10.3	15.9	5.6	0.01	0.02	0.01	1.1	W
11/16/2023 15:38:00	10.2	14.5	4.3	0.01	0.00	0.00	1.1	WSW
11/16/2023 15:39:00	10.1	12.8	2.7	0.01	0.00	-0.01	1.2	W
11/16/2023 15:40:00	10.0	12.7	2.6	0.01	0.00	-0.01	1.2	W
11/16/2023 15:41:00	10.6	12.5	1.9	0.01	0.00	-0.01	1.3	WSW
11/16/2023 15:42:00	10.5	12.6	2.0	0.01	0.00	-0.01	1.3	WSW
11/16/2023 15:43:00	10.6	13.6	3.0	0.01	0.00	-0.01	1.3	WSW
11/16/2023 15:44:00	10.7	14.6	3.8	0.01	0.00	-0.01	1.4	WSW
11/16/2023 15:45:00	10.6	15.8	5.2	0.01	0.00	-0.01	1.4	WSW
11/16/2023 15:46:00	10.3	16.8	6.5	0.01	0.00	-0.01	1.4	WSW
11/16/2023 15:47:00	10.0	16.8	6.8	0.01	0.00	-0.01	1.4	WSW
11/16/2023 15:48:00	9.4	17.8	8.4	0.00	0.00	0.00	1.5	WSW
11/16/2023 15:49:00	9.3	17.8	8.6	0.00	0.00	0.00	1.4	WNW
11/16/2023 15:50:00	9.2	17.9	8.7	0.00	0.00	0.00	1.4	WSW
11/16/2023 15:51:00	9.1	17.9	8.8	0.00	0.00	0.00	1.4	WSW
11/16/2023 15:52:00	9.2	17.6	8.4	0.00	0.00	0.00	1.4	WSW
11/16/2023 15:53:00	9.2	17.3	8.1	0.00	0.00	0.00	1.4	WSW
11/16/2023 15:54:00	9.0	17.0	8.0	0.00	0.00	0.00	1.4	WSW
11/16/2023 15:55:00	8.9	17.1	8.2	0.00	0.00	0.00	1.4	SW
11/16/2023 15:56:00	8.3	17.1	8.8	0.00	0.00	0.00	1.4	WSW
11/16/2023 15:57:00	8.0	17.0	8.9	0.00	0.00	0.00	1.3	WSW
11/16/2023 15:58:00	7.9	16.1	8.2	0.00	0.00	0.00	1.3	WSW
11/16/2023 15:59:00	7.7	15.0	7.4	0.00	0.00	0.00	1.3	WSW
11/16/2023 16:00:00	7.5	13.7	6.2	0.00	0.00	0.00	1.3	WSW
11/16/2023 16:01:00	7.6	12.7	5.2	0.00	0.00	0.00	1.3	WSW
11/16/2023 16:02:00	7.5	11.9	4.4	0.00	0.00	0.00	1.3	W
11/16/2023 16:03:00	7.5	10.6	3.2	0.00	0.00	0.00	1.3	WSW
11/16/2023 16:04:00	7.4	10.4	3.0	0.00	0.00	0.00	1.3	S
11/16/2023 16:05:00	7.4	10.3	2.9	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
11/16/2023 16:06:00	7.3	10.2	2.9	0.00	0.00	0.00	1.3	W
11/16/2023 16:07:00	7.1	10.1	3.0	0.00	0.00	0.00	1.3	WSW
11/16/2023 16:08:00	7.1	10.2	3.1	0.00	0.00	0.00	1.3	WSW
11/16/2023 16:09:00	7.1	10.3	3.1	0.00	0.00	0.00	1.4	WSW
11/16/2023 16:10:00	7.1	10.1	3.0	0.00	0.00	0.00	1.4	WSW
11/16/2023 16:11:00	7.1	10.0	2.9	0.00	0.00	0.00	1.4	WSW
11/16/2023 16:12:00	7.1	9.9	2.8	0.00	0.00	0.00	1.5	WSW
11/16/2023 16:13:00	7.1	9.6	2.5	0.00	0.00	0.00	1.5	WSW
11/16/2023 16:14:00	7.2	9.4	2.2	0.00	0.00	0.00	1.5	WNW
11/16/2023 16:15:00	7.2	9.1	1.9	0.01	0.00	-0.01	1.4	WSW
11/16/2023 16:16:00	7.3	8.9	1.6	0.01	0.00	-0.01	1.5	WSW
11/16/2023 16:17:00	7.3	8.8	1.4	0.01	0.00	-0.01	1.4	WSW
11/16/2023 16:18:00	7.5	8.8	1.3	0.01	0.00	-0.01	1.4	SW
11/16/2023 16:19:00	7.7	8.9	1.3	0.01	0.00	-0.01	1.4	WSW
11/16/2023 16:20:00	7.8	8.9	1.2	0.01	0.00	-0.01	1.4	WSW
11/16/2023 16:21:00	7.9	9.1	1.2	0.01	0.00	-0.01	1.4	WSW
11/16/2023 16:22:00	8.0	9.2	1.2	0.01	0.00	-0.01	1.4	WSW
11/16/2023 16:23:00	8.1	9.1	1.0	0.01	0.00	-0.01	1.3	W
11/16/2023 16:24:00	8.2	9.1	0.9	0.01	0.00	-0.01	1.3	WSW
11/16/2023 16:25:00	8.2	9.2	0.9	0.01	0.00	-0.01	1.4	WSW
11/16/2023 16:26:00	8.2	9.2	1.0	0.01	0.00	-0.01	1.3	W
11/16/2023 16:27:00	8.2	9.3	1.1	0.01	0.00	-0.01	1.3	WSW
11/16/2023 16:28:00	8.3	9.3	1.0	0.01	0.00	-0.01	1.3	WSW
11/16/2023 16:29:00	8.3	9.4	1.1	0.01	0.00	-0.01	1.3	WSW
11/16/2023 16:30:00	8.3	9.5	1.2	0.01	0.00	-0.01	1.3	SW