

DAILY FIELD REPORT 133

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	December 2, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	8:30 am to 5:00 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Padmanabhan Krishnaswamy (Environmental) Dhanvi Raghavendra (Geotechnical)
Construction Manager: Consigli Construction Co., Inc. (Consigli) Foundation Contractor: Urban Foundation/Engineering (Urban)	

Work Activities Performed:

- Urban excavated an about 40-foot-long by 15-foot-wide area from about 10 feet below grade surface (bgs) to about 20 feet bgs in the northern part of grids, WC02_10-15, WC02_15-20, WC03_10-15, and WC03_15-20 for the foundation core mat. Excavated soil/fill was stockpiled in the western part of WC02 and covered with polyethylene sheeting, pending future off-site disposal.
- Urban graded an about 20-foot-long by 15-foot-wide area of soil/fill in the eastern part of WC04 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 backfilled previously imported 0.75-inch stone in an about 8-foot-long by 5-foot-wide area in the northeastern corner of grid WC03.

Material Tracking:

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

Materials Export Summary								
Facility Name	<i>Bayshore Soil Management, LLC</i>		<i>Clean Earth of Carteret, LLC</i>		<i>PPark NJ</i>		<i>Faztec Solutions</i>	
Location	<i>Keasbey, NJ</i>		<i>Carteret, NJ</i>		<i>Prospect Park, NJ</i>		<i>Staten Island, NY</i>	
Type of Waste	<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>C&D</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	0	-	0	-	0	-	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	129	2,540	168	3,360	0	-	15	300

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

Materials Import Summary		
Facility Name	<i>North Shore Terminal</i>	
Location	<i>Staten Island, NY</i>	
Type of Material	<i>0.75-inch Stone</i>	
Today	Number of Loads	Approx. Volume (CY)
	0	-
Total	Number of Loads	Approx. Volume (CY)
	2	40

Samples Collected:

- No samples were collected.

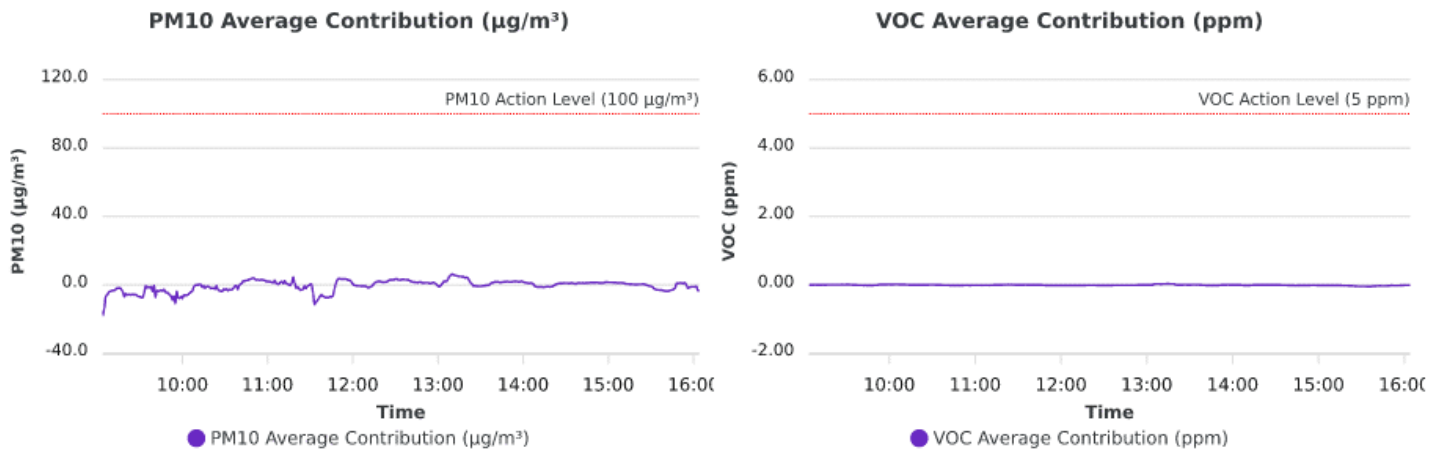
Air Monitoring:

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/m³ 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/m³ or 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	83.4	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-17.9	VOC Average Site Contribution (Minimum)	-0.05
PM10 Average Site Contribution (Maximum)	6.3	VOC Average Site Contribution (Maximum)	0.03

µg/m³: micrograms per cubic meter.

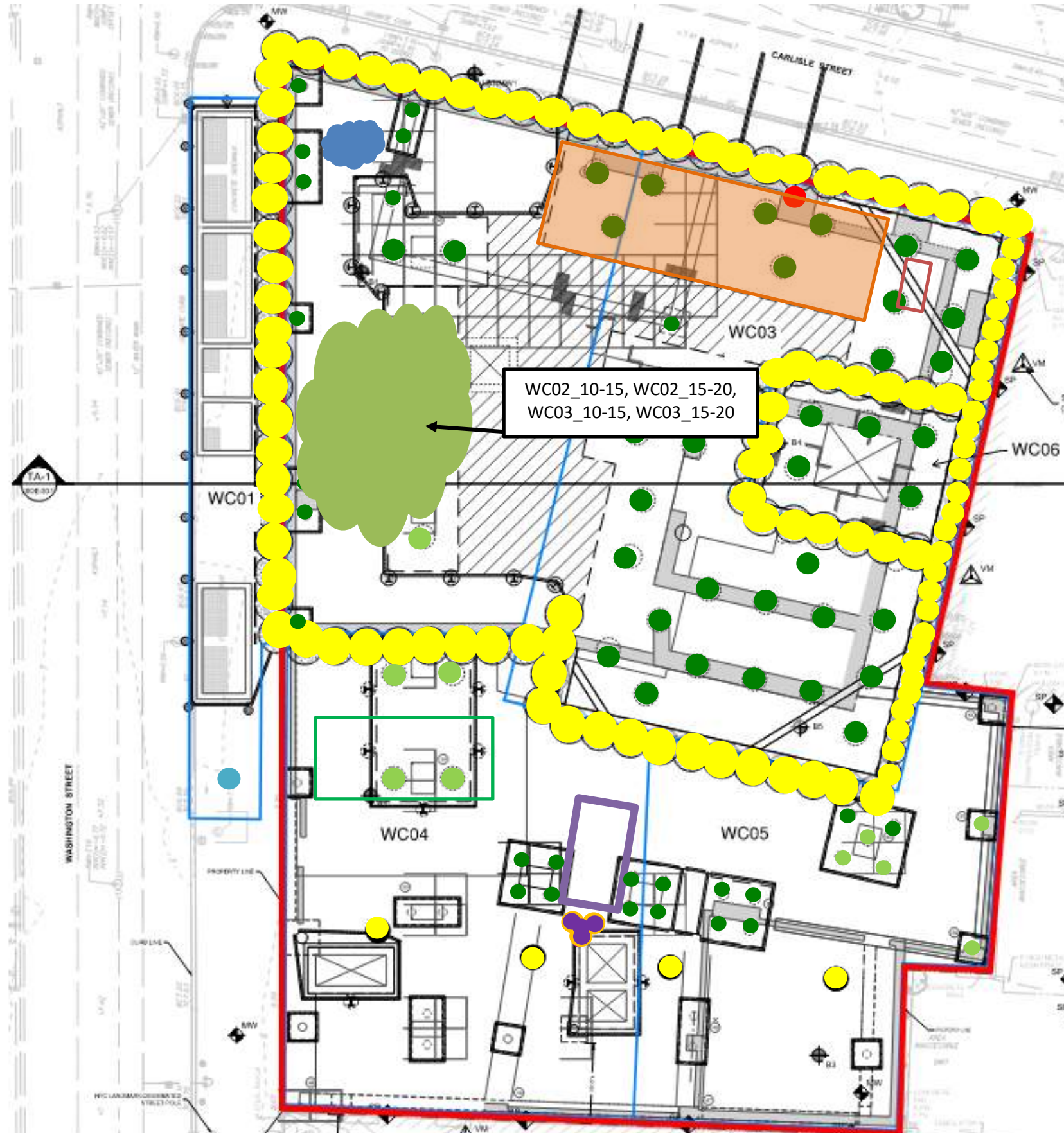
ppm: parts per million.



Planned Activities:

- Urban will continue excavation throughout the site to assist in the advancement of caissons, soldier piles and foundation mats.

SITE PLAN



- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile – Soil (no impacts)**
- **Stockpile – Imported 0.75-inch Stone**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- **Completed Soil-Mix Column**
- **Completed Caisson Casing**
- **Completed Caisson**
- **Reinstalled Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- **Soil-Mix Core Advanced**
- 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 backfilling 0.75-inch stone in grid WC03 (facing southeast).



Photo 2: View of Urban excavating in grid WC03 (facing northeast).



Photo 3: View of the site entrance/exit at the corner of Carlisle and Washington Street at the end of the workday (facing south).



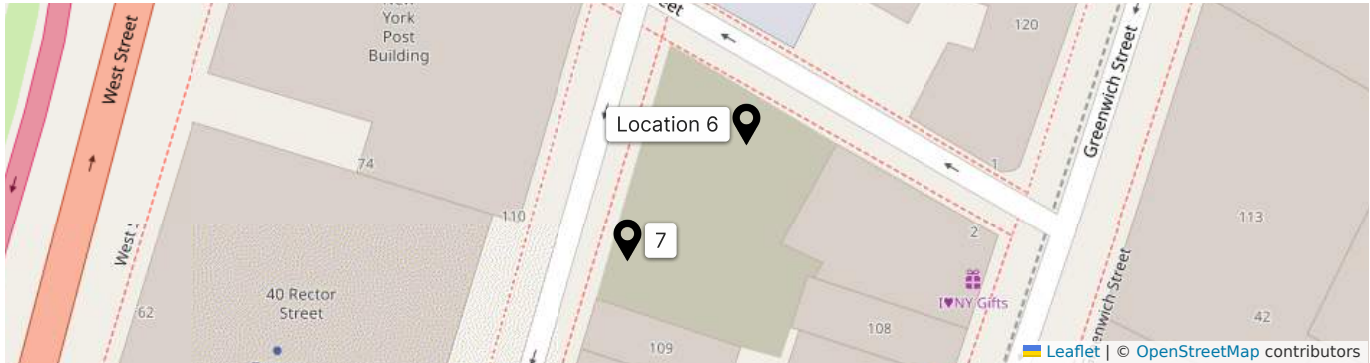
Photo 3: View of Urban covering soil/fill stockpile in grid WC02 with polyethylene sheeting (facing south).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	12/2/2023 06:00
		To:	12/2/2023 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

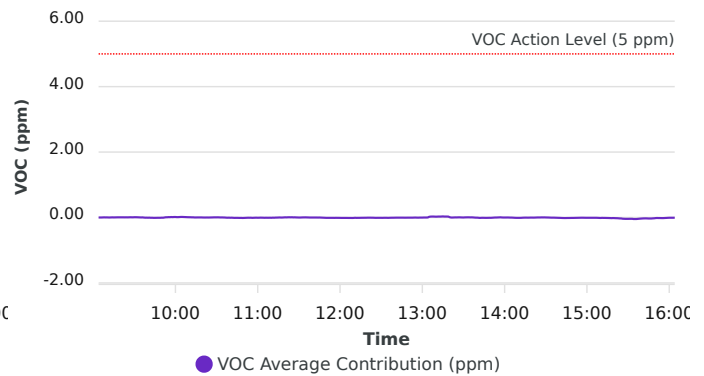
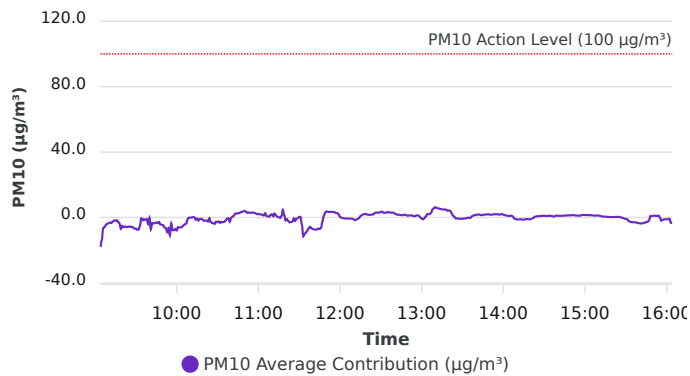
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
12/2/2023	0.1-2	WSW

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 12/2/2023	-17.9	09:04	-0.05	15:34
Max Contribution (15 min avg.) - 12/2/2023	6.3	13:10	0.03	13:15

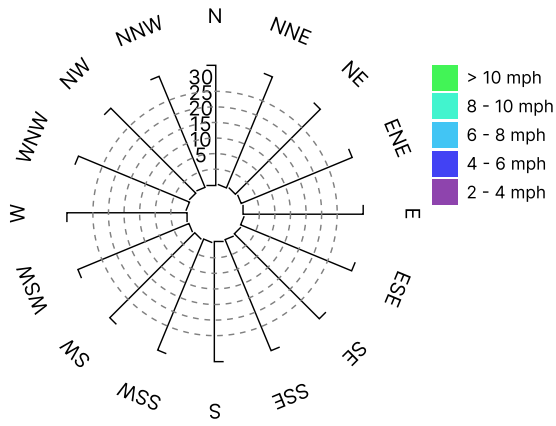


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

VOC Average Contribution (ppm)



Contribution wind rose (mph)



Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 09:04:00	83.4	65.4	-17.9	0.00	0.00	0.00	0.6	ESE
12/2/2023 09:05:00	75.2	61.5	-13.8	0.00	0.00	0.00	0.5	N
12/2/2023 09:06:00	67.3	60.8	-6.5	0.00	0.00	0.00	0.6	WSW
12/2/2023 09:07:00	63.5	57.7	-5.8	0.00	0.00	0.00	0.6	E
12/2/2023 09:08:00	60.7	56.1	-4.6	0.00	0.00	0.00	0.6	ENE
12/2/2023 09:09:00	58.2	54.4	-3.8	0.00	0.00	0.00	0.7	WSW
12/2/2023 09:10:00	56.2	52.7	-3.5	0.00	0.00	0.00	0.6	NE
12/2/2023 09:11:00	54.7	51.6	-3.1	0.00	0.00	0.00	0.6	W
12/2/2023 09:12:00	53.8	50.5	-3.4	0.00	0.00	0.00	0.7	WSW
12/2/2023 09:13:00	52.5	49.9	-2.5	0.00	0.01	0.00	0.7	E
12/2/2023 09:14:00	51.3	49.5	-1.8	0.00	0.01	0.00	0.7	NNE
12/2/2023 09:15:00	50.7	48.7	-2.0	0.00	0.01	0.00	0.7	W
12/2/2023 09:16:00	49.7	48.0	-1.7	0.00	0.01	0.00	0.7	ESE
12/2/2023 09:17:00	50.0	47.3	-2.7	0.00	0.01	0.00	0.7	ESE
12/2/2023 09:18:00	50.4	46.7	-3.7	0.00	0.01	0.01	0.7	E
12/2/2023 09:19:00	51.8	44.8	-7.0	0.00	0.01	0.01	0.7	E
12/2/2023 09:20:00	49.8	44.6	-5.2	0.00	0.01	0.01	0.7	W
12/2/2023 09:21:00	49.5	43.6	-5.9	0.00	0.01	0.01	0.7	NE
12/2/2023 09:22:00	48.7	43.2	-5.5	0.00	0.01	0.01	0.7	E
12/2/2023 09:23:00	48.0	42.3	-5.7	0.01	0.01	0.00	0.6	SSE
12/2/2023 09:24:00	47.4	41.5	-5.8	0.00	0.01	0.01	0.6	ENE
12/2/2023 09:25:00	46.6	41.2	-5.5	0.01	0.01	0.00	0.7	SSE
12/2/2023 09:26:00	46.3	40.5	-5.8	0.00	0.01	0.01	0.6	E
12/2/2023 09:27:00	45.5	39.9	-5.6	0.00	0.01	0.01	0.6	ESE
12/2/2023 09:28:00	45.2	39.1	-6.1	0.00	0.01	0.01	0.7	E
12/2/2023 09:29:00	44.9	38.1	-6.8	0.00	0.01	0.01	0.7	SE
12/2/2023 09:30:00	44.4	37.6	-6.8	0.00	0.01	0.01	0.7	NNE
12/2/2023 09:31:00	44.6	37.1	-7.5	0.00	0.01	0.01	0.7	E
12/2/2023 09:32:00	44.1	36.8	-7.4	0.00	0.01	0.01	0.7	ENE
12/2/2023 09:33:00	42.6	37.4	-5.1	0.00	0.01	0.01	0.7	W
12/2/2023 09:34:00	37.9	37.3	-0.5	0.01	0.01	0.00	0.7	WSW
12/2/2023 09:35:00	37.6	36.0	-1.7	0.01	0.01	0.00	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
12/2/2023 09:36:00	36.8	35.8	-1.1	0.01	0.01	0.00	0.7	SE
12/2/2023 09:37:00	36.6	35.1	-1.5	0.01	0.01	0.00	0.7	WSW
12/2/2023 09:38:00	36.3	35.3	-1.0	0.01	0.01	-0.01	0.8	SSE
12/2/2023 09:39:00	39.4	35.4	-4.0	0.01	0.01	-0.01	0.8	E
12/2/2023 09:40:00	39.2	38.9	-0.2	0.02	0.01	-0.01	0.8	SSE
12/2/2023 09:41:00	45.9	38.6	-7.2	0.02	0.01	-0.01	0.8	E
12/2/2023 09:42:00	45.5	42.1	-3.4	0.02	0.01	-0.01	0.7	W
12/2/2023 09:43:00	45.8	42.1	-3.6	0.02	0.01	-0.01	0.7	NE
12/2/2023 09:44:00	45.7	42.3	-3.4	0.02	0.01	-0.01	0.7	SW
12/2/2023 09:45:00	45.5	42.5	-3.0	0.02	0.01	-0.01	0.7	E
12/2/2023 09:46:00	46.1	42.6	-3.4	0.02	0.01	-0.01	0.6	ESE
12/2/2023 09:47:00	45.7	43.1	-2.6	0.02	0.01	-0.01	0.6	ESE
12/2/2023 09:48:00	46.5	42.2	-4.3	0.02	0.01	-0.01	0.6	WSW
12/2/2023 09:49:00	46.7	42.3	-4.4	0.02	0.01	-0.01	0.6	W
12/2/2023 09:50:00	47.0	42.3	-4.7	0.02	0.01	-0.01	0.7	E
12/2/2023 09:51:00	47.6	41.5	-6.1	0.02	0.01	-0.01	0.6	ESE
12/2/2023 09:52:00	47.7	41.3	-6.4	0.02	0.02	0.00	0.6	NE
12/2/2023 09:53:00	49.3	40.4	-8.9	0.01	0.02	0.01	0.6	ESE
12/2/2023 09:54:00	46.3	39.7	-6.6	0.01	0.02	0.01	0.6	E
12/2/2023 09:55:00	46.1	35.3	-10.9	0.01	0.02	0.01	0.6	E
12/2/2023 09:56:00	38.6	35.0	-3.6	0.01	0.02	0.01	0.6	ENE
12/2/2023 09:57:00	38.7	31.0	-7.7	0.01	0.02	0.01	0.6	E
12/2/2023 09:58:00	38.8	31.0	-7.8	0.01	0.02	0.01	0.6	NW
12/2/2023 09:59:00	38.7	31.8	-7.0	0.01	0.02	0.01	0.6	SE
12/2/2023 10:00:00	39.1	31.2	-7.9	0.01	0.02	0.01	0.6	E
12/2/2023 10:01:00	37.8	31.9	-5.9	0.01	0.02	0.01	0.6	WSW
12/2/2023 10:02:00	37.4	31.4	-6.1	0.01	0.02	0.01	0.6	ENE
12/2/2023 10:03:00	37.5	31.4	-6.1	0.01	0.02	0.01	0.6	ESE
12/2/2023 10:04:00	37.4	31.7	-5.7	0.00	0.02	0.02	0.6	E
12/2/2023 10:05:00	36.5	31.7	-4.8	0.00	0.02	0.02	0.6	SE
12/2/2023 10:06:00	35.5	31.4	-4.1	0.00	0.02	0.01	0.6	W
12/2/2023 10:07:00	34.6	30.8	-3.8	0.01	0.02	0.01	0.5	SE

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 10:08:00	32.1	31.0	-1.1	0.01	0.02	0.01	0.5	W
12/2/2023 10:09:00	31.1	31.0	-0.1	0.01	0.01	0.01	0.5	W
12/2/2023 10:10:00	30.9	30.8	-0.1	0.01	0.01	0.01	0.5	E
12/2/2023 10:11:00	30.8	30.8	0.0	0.01	0.01	0.01	0.5	SSW
12/2/2023 10:12:00	30.6	30.8	0.3	0.01	0.01	0.01	0.6	W
12/2/2023 10:13:00	30.2	30.3	0.2	0.01	0.01	0.01	0.6	WSW
12/2/2023 10:14:00	30.4	28.9	-1.4	0.01	0.01	0.00	0.6	WSW
12/2/2023 10:15:00	29.5	28.9	-0.6	0.01	0.01	0.00	0.6	ESE
12/2/2023 10:16:00	29.7	27.8	-1.9	0.01	0.01	0.00	0.6	W
12/2/2023 10:17:00	29.1	28.2	-0.9	0.01	0.01	0.00	0.5	N
12/2/2023 10:18:00	28.4	27.6	-0.8	0.01	0.01	0.00	0.6	W
12/2/2023 10:19:00	27.8	26.5	-1.3	0.01	0.01	0.00	0.5	WSW
12/2/2023 10:20:00	27.8	25.7	-2.0	0.01	0.01	0.00	0.5	NE
12/2/2023 10:21:00	27.6	25.6	-1.9	0.01	0.01	0.00	0.5	NNE
12/2/2023 10:22:00	27.5	25.6	-1.8	0.01	0.01	0.00	0.5	NNE
12/2/2023 10:23:00	27.8	25.3	-2.5	0.01	0.01	0.00	0.5	ENE
12/2/2023 10:24:00	28.0	27.6	-0.5	0.01	0.01	0.00	0.5	SSW
12/2/2023 10:25:00	30.4	27.7	-2.8	0.01	0.01	0.00	0.5	E
12/2/2023 10:26:00	30.9	27.5	-3.3	0.01	0.01	0.00	0.5	E
12/2/2023 10:27:00	30.9	27.3	-3.6	0.01	0.01	0.00	0.5	E
12/2/2023 10:28:00	31.0	27.2	-3.8	0.01	0.01	0.00	0.5	E
12/2/2023 10:29:00	30.1	27.6	-2.5	0.01	0.01	0.00	0.5	W
12/2/2023 10:30:00	30.3	27.4	-2.9	0.01	0.01	0.00	0.5	E
12/2/2023 10:31:00	29.6	27.2	-2.4	0.01	0.01	0.01	0.5	WSW
12/2/2023 10:32:00	29.8	26.4	-3.3	0.01	0.01	0.00	0.5	N
12/2/2023 10:33:00	29.3	26.6	-2.7	0.01	0.01	0.00	0.5	W
12/2/2023 10:34:00	29.4	26.5	-2.9	0.01	0.01	0.00	0.5	NNW
12/2/2023 10:35:00	29.4	26.7	-2.7	0.01	0.01	0.00	0.6	WNW
12/2/2023 10:36:00	29.5	27.8	-1.8	0.01	0.01	0.00	0.6	W
12/2/2023 10:37:00	29.6	28.9	-0.7	0.01	0.01	-0.01	0.6	SW
12/2/2023 10:38:00	29.6	29.1	-0.5	0.02	0.01	-0.01	0.6	WSW
12/2/2023 10:39:00	29.6	27.0	-2.7	0.02	0.01	-0.01	0.6	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 10:40:00	27.4	27.1	-0.3	0.02	0.01	-0.01	0.6	W
12/2/2023 10:41:00	26.8	27.4	0.5	0.02	0.01	-0.01	0.6	NE
12/2/2023 10:42:00	26.6	27.6	1.1	0.02	0.01	-0.01	0.6	WSW
12/2/2023 10:43:00	25.7	28.1	2.4	0.02	0.01	-0.01	0.6	S
12/2/2023 10:44:00	25.6	28.0	2.3	0.02	0.01	-0.01	0.6	WSW
12/2/2023 10:45:00	25.4	28.0	2.6	0.02	0.01	-0.01	0.6	N
12/2/2023 10:46:00	25.2	27.9	2.7	0.02	0.01	-0.01	0.6	WNW
12/2/2023 10:47:00	24.7	28.0	3.2	0.02	0.01	-0.01	0.6	SW
12/2/2023 10:48:00	24.4	27.8	3.4	0.02	0.01	-0.01	0.6	W
12/2/2023 10:49:00	23.9	27.7	3.8	0.02	0.01	-0.01	0.6	W
12/2/2023 10:50:00	23.7	27.7	4.0	0.02	0.01	-0.01	0.6	WSW
12/2/2023 10:51:00	23.4	26.8	3.5	0.02	0.01	-0.01	0.6	S
12/2/2023 10:52:00	23.1	25.9	2.8	0.01	0.01	-0.01	0.6	NW
12/2/2023 10:53:00	22.9	25.9	3.1	0.01	0.01	-0.01	0.6	WSW
12/2/2023 10:54:00	22.9	25.7	2.8	0.01	0.01	-0.01	0.6	E
12/2/2023 10:55:00	22.7	25.7	3.0	0.01	0.01	-0.01	0.6	W
12/2/2023 10:56:00	22.8	25.7	2.9	0.01	0.00	-0.01	0.7	WSW
12/2/2023 10:57:00	22.7	25.6	2.9	0.01	0.00	-0.01	0.7	WSW
12/2/2023 10:58:00	22.7	25.2	2.5	0.01	0.00	-0.01	0.7	WSW
12/2/2023 10:59:00	22.7	24.7	2.0	0.01	0.00	-0.01	0.7	N
12/2/2023 11:00:00	22.6	24.7	2.1	0.01	0.00	-0.01	0.7	SW
12/2/2023 11:01:00	22.7	24.6	1.9	0.01	0.00	-0.01	0.8	WSW
12/2/2023 11:02:00	22.8	24.6	1.9	0.01	0.00	-0.01	0.8	E
12/2/2023 11:03:00	23.0	24.5	1.5	0.01	0.00	-0.01	0.7	WNW
12/2/2023 11:04:00	23.4	24.6	1.2	0.01	0.00	-0.01	0.8	W
12/2/2023 11:05:00	24.3	26.9	2.6	0.01	0.00	-0.01	0.7	W
12/2/2023 11:06:00	26.5	27.4	0.9	0.01	0.01	-0.01	0.8	E
12/2/2023 11:07:00	27.3	27.9	0.6	0.01	0.01	-0.01	0.8	WSW
12/2/2023 11:08:00	27.6	28.1	0.5	0.01	0.01	-0.01	0.8	E
12/2/2023 11:09:00	28.2	29.8	1.6	0.02	0.01	-0.01	0.8	ENE
12/2/2023 11:10:00	28.4	30.4	2.0	0.02	0.01	-0.01	0.8	W
12/2/2023 11:11:00	29.4	30.2	0.8	0.02	0.01	-0.01	0.8	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 11:12:00	29.4	31.8	2.4	0.02	0.01	-0.01	0.8	WSW
12/2/2023 11:13:00	30.4	31.6	1.1	0.02	0.01	0.00	0.8	NNW
12/2/2023 11:14:00	31.1	31.6	0.5	0.02	0.01	0.00	0.8	E
12/2/2023 11:15:00	31.3	31.5	0.1	0.02	0.02	0.00	0.8	E
12/2/2023 11:16:00	31.6	31.3	-0.3	0.02	0.02	0.00	0.7	E
12/2/2023 11:17:00	31.4	32.3	0.9	0.02	0.01	0.00	0.7	SW
12/2/2023 11:18:00	31.2	35.8	4.6	0.02	0.01	0.00	0.7	S
12/2/2023 11:19:00	34.1	35.4	1.4	0.01	0.02	0.00	0.7	SE
12/2/2023 11:20:00	34.7	32.8	-1.8	0.01	0.02	0.01	0.7	ESE
12/2/2023 11:21:00	32.9	31.9	-1.0	0.01	0.01	0.00	0.6	ESE
12/2/2023 11:22:00	33.2	31.0	-2.2	0.01	0.02	0.01	0.6	E
12/2/2023 11:23:00	33.6	30.6	-3.0	0.01	0.01	0.01	0.6	ESE
12/2/2023 11:24:00	32.9	30.0	-2.8	0.01	0.01	0.01	0.6	WSW
12/2/2023 11:25:00	32.4	29.9	-2.5	0.01	0.01	0.01	0.6	W
12/2/2023 11:26:00	30.9	30.4	-0.6	0.01	0.01	0.00	0.7	WSW
12/2/2023 11:27:00	30.7	28.6	-2.1	0.00	0.01	0.01	0.7	WSW
12/2/2023 11:28:00	29.4	28.7	-0.7	0.01	0.01	0.00	0.7	W
12/2/2023 11:29:00	29.0	28.6	-0.4	0.01	0.01	0.00	0.7	E
12/2/2023 11:30:00	28.6	28.9	0.3	0.01	0.01	0.00	0.7	SSE
12/2/2023 11:31:00	28.4	28.8	0.4	0.01	0.01	0.00	0.7	E
12/2/2023 11:32:00	31.8	27.2	-4.6	0.01	0.01	0.00	0.7	E
12/2/2023 11:33:00	34.9	23.4	-11.5	0.01	0.01	0.00	0.7	E
12/2/2023 11:34:00	33.2	23.3	-10.0	0.01	0.01	0.00	0.8	E
12/2/2023 11:35:00	32.1	23.0	-9.1	0.01	0.01	0.00	0.8	SE
12/2/2023 11:36:00	31.3	23.3	-8.0	0.01	0.01	0.00	0.8	SSE
12/2/2023 11:37:00	29.9	23.4	-6.5	0.01	0.01	0.00	0.9	SW
12/2/2023 11:38:00	28.9	23.2	-5.7	0.01	0.01	0.00	0.9	WSW
12/2/2023 11:39:00	28.5	21.9	-6.6	0.01	0.01	0.00	0.9	W
12/2/2023 11:40:00	28.2	21.1	-7.0	0.01	0.01	0.00	0.9	WSW
12/2/2023 11:41:00	28.0	20.6	-7.4	0.01	0.01	0.00	0.9	WSW
12/2/2023 11:42:00	27.8	20.4	-7.3	0.01	0.01	0.00	0.8	WSW
12/2/2023 11:43:00	27.6	20.2	-7.4	0.01	0.01	0.00	0.9	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 11:44:00	27.0	20.2	-6.8	0.01	0.01	0.00	0.9	WSW
12/2/2023 11:45:00	26.7	19.7	-7.0	0.01	0.01	0.00	0.9	W
12/2/2023 11:46:00	26.2	19.8	-6.4	0.01	0.01	0.00	0.8	SSE
12/2/2023 11:47:00	22.6	19.9	-2.8	0.01	0.00	-0.01	0.9	W
12/2/2023 11:48:00	19.2	20.1	0.8	0.01	0.00	-0.01	0.9	WSW
12/2/2023 11:49:00	17.4	20.3	2.9	0.01	0.00	-0.01	0.9	WSW
12/2/2023 11:50:00	16.7	20.5	3.8	0.01	0.00	-0.01	0.9	W
12/2/2023 11:51:00	16.8	20.3	3.5	0.01	0.00	-0.01	0.9	WSW
12/2/2023 11:52:00	16.8	20.2	3.4	0.01	0.00	-0.01	0.9	SSW
12/2/2023 11:53:00	16.8	20.2	3.4	0.01	0.00	-0.01	0.9	WSW
12/2/2023 11:54:00	16.8	20.2	3.5	0.01	0.00	-0.01	0.9	WSW
12/2/2023 11:55:00	16.8	20.1	3.4	0.01	0.00	-0.01	1.0	W
12/2/2023 11:56:00	16.8	20.0	3.2	0.01	0.00	-0.01	0.9	WSW
12/2/2023 11:57:00	17.1	19.8	2.7	0.01	0.00	-0.01	0.9	E
12/2/2023 11:58:00	17.1	19.8	2.7	0.01	0.00	-0.01	0.9	WNW
12/2/2023 11:59:00	18.2	20.1	1.9	0.01	0.00	-0.01	0.9	WSW
12/2/2023 12:00:00	19.8	20.3	0.4	0.01	0.00	-0.01	0.9	W
12/2/2023 12:01:00	20.6	20.4	-0.1	0.02	0.00	-0.01	1.0	W
12/2/2023 12:02:00	20.8	20.4	-0.3	0.02	0.00	-0.01	1.0	WSW
12/2/2023 12:03:00	20.7	20.2	-0.5	0.02	0.00	-0.01	1.0	WSW
12/2/2023 12:04:00	20.6	20.1	-0.6	0.01	0.00	-0.01	0.9	W
12/2/2023 12:05:00	20.5	19.9	-0.6	0.02	0.00	-0.01	0.9	WSW
12/2/2023 12:06:00	20.4	19.7	-0.7	0.02	0.00	-0.01	0.8	W
12/2/2023 12:07:00	20.3	19.6	-0.7	0.02	0.00	-0.01	0.8	WSW
12/2/2023 12:08:00	20.2	19.5	-0.7	0.02	0.00	-0.01	0.8	WSW
12/2/2023 12:09:00	20.2	19.4	-0.7	0.02	0.00	-0.01	0.8	WSW
12/2/2023 12:10:00	20.5	19.3	-1.2	0.02	0.00	-0.01	0.7	E
12/2/2023 12:11:00	20.8	19.1	-1.7	0.01	0.01	-0.01	0.7	E
12/2/2023 12:12:00	20.5	19.3	-1.2	0.01	0.00	-0.01	0.8	S
12/2/2023 12:13:00	20.4	19.4	-1.0	0.01	0.00	-0.01	0.8	W
12/2/2023 12:14:00	19.5	19.3	-0.2	0.01	0.00	-0.01	0.9	WSW
12/2/2023 12:15:00	18.3	19.2	0.9	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
12/2/2023 12:16:00	17.8	19.2	1.4	0.01	0.00	-0.01	0.9	W
12/2/2023 12:17:00	17.7	19.6	1.9	0.01	0.00	-0.01	0.9	WSW
12/2/2023 12:18:00	17.8	19.8	2.1	0.01	0.00	-0.01	0.9	W
12/2/2023 12:19:00	17.9	20.0	2.1	0.01	0.00	-0.01	0.9	W
12/2/2023 12:20:00	18.3	20.1	1.8	0.01	0.00	-0.01	0.9	ESE
12/2/2023 12:21:00	18.6	20.3	1.6	0.01	0.00	-0.01	0.9	SSW
12/2/2023 12:22:00	18.9	20.5	1.6	0.01	0.00	-0.01	0.9	W
12/2/2023 12:23:00	19.1	20.8	1.7	0.01	0.00	-0.01	0.9	WSW
12/2/2023 12:24:00	19.2	21.0	1.8	0.01	0.00	-0.01	0.9	WSW
12/2/2023 12:25:00	19.0	21.3	2.3	0.01	0.00	-0.01	1.0	WSW
12/2/2023 12:26:00	18.8	21.6	2.9	0.01	0.00	-0.01	1.0	WSW
12/2/2023 12:27:00	18.9	21.9	3.0	0.01	0.00	-0.01	1.0	WSW
12/2/2023 12:28:00	19.0	22.0	2.9	0.01	0.00	-0.01	1.0	W
12/2/2023 12:29:00	19.0	22.1	3.0	0.01	0.00	-0.01	1.0	WSW
12/2/2023 12:30:00	18.7	22.1	3.5	0.01	0.00	-0.01	1.0	W
12/2/2023 12:31:00	18.6	22.1	3.5	0.01	0.00	-0.01	0.9	WSW
12/2/2023 12:32:00	18.8	21.7	2.9	0.01	0.00	-0.01	0.9	E
12/2/2023 12:33:00	18.7	21.6	2.9	0.01	0.00	-0.01	0.9	W
12/2/2023 12:34:00	18.7	21.6	3.0	0.01	0.00	-0.01	0.9	W
12/2/2023 12:35:00	18.4	21.8	3.3	0.01	0.00	-0.01	0.9	WSW
12/2/2023 12:36:00	18.4	21.5	3.1	0.01	0.00	-0.01	0.9	SE
12/2/2023 12:37:00	18.3	21.4	3.1	0.01	0.00	-0.01	0.9	W
12/2/2023 12:38:00	18.3	21.3	3.0	0.01	0.00	-0.01	0.9	W
12/2/2023 12:39:00	18.2	21.2	3.0	0.01	0.00	-0.01	0.8	W
12/2/2023 12:40:00	18.4	20.9	2.5	0.01	0.00	-0.01	0.8	ENE
12/2/2023 12:41:00	18.6	20.6	2.0	0.01	0.00	-0.01	0.7	ENE
12/2/2023 12:42:00	18.5	20.2	1.8	0.01	0.00	-0.01	0.6	SW
12/2/2023 12:43:00	18.4	20.1	1.6	0.01	0.00	-0.01	0.6	SSW
12/2/2023 12:44:00	18.3	19.9	1.6	0.01	0.00	-0.01	0.6	WSW
12/2/2023 12:45:00	18.2	19.7	1.4	0.01	0.00	-0.01	0.6	WSW
12/2/2023 12:46:00	18.1	19.5	1.4	0.01	0.00	-0.01	0.6	SW
12/2/2023 12:47:00	17.9	19.6	1.7	0.01	0.00	-0.01	0.6	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 12:48:00	17.7	19.4	1.6	0.01	0.00	-0.01	0.6	SW
12/2/2023 12:49:00	17.9	19.0	1.2	0.01	0.00	-0.01	0.5	NNW
12/2/2023 12:50:00	17.8	19.0	1.2	0.01	0.00	-0.01	0.5	WSW
12/2/2023 12:51:00	17.7	18.9	1.2	0.01	0.00	-0.01	0.5	ENE
12/2/2023 12:52:00	17.5	18.8	1.3	0.01	0.00	-0.01	0.6	WSW
12/2/2023 12:53:00	17.4	18.7	1.3	0.01	0.00	-0.01	0.6	W
12/2/2023 12:54:00	17.6	18.4	0.8	0.01	0.00	0.00	0.6	E
12/2/2023 12:55:00	17.5	18.3	0.8	0.01	0.01	0.00	0.6	E
12/2/2023 12:56:00	17.3	18.5	1.2	0.01	0.00	0.00	0.6	WSW
12/2/2023 12:57:00	17.3	18.6	1.3	0.01	0.00	-0.01	0.6	W
12/2/2023 12:58:00				0.01	0.01	0.00	0.6	NE
12/2/2023 12:59:00				0.01	0.01	0.00	0.6	SSE
12/2/2023 13:00:00				0.01	0.01	0.00	0.5	W
12/2/2023 13:01:00	19.3	18.2	-1.1	0.01	0.01	0.00	0.5	ESE
12/2/2023 13:02:00	18.8	18.4	-0.4	0.01	0.01	0.00	0.5	WNW
12/2/2023 13:03:00	18.4	19.0	0.6	0.01	0.01	0.00	0.5	W
12/2/2023 13:04:00	18.1	20.1	2.0	0.01	0.01	0.00	0.5	WNW
12/2/2023 13:05:00	17.9	20.0	2.0	0.01	0.03	0.02	0.4	W
12/2/2023 13:06:00	17.7	19.8	2.1	0.01	0.04	0.03	0.5	W
12/2/2023 13:07:00	17.6	20.8	3.2	0.01	0.04	0.03	0.4	WSW
12/2/2023 13:08:00	17.5	22.5	5.0	0.01	0.04	0.03	0.4	WSW
12/2/2023 13:09:00	17.4	23.1	5.7	0.01	0.04	0.03	0.5	WSW
12/2/2023 13:10:00	17.4	23.7	6.3	0.01	0.04	0.03	0.5	WSW
12/2/2023 13:11:00	17.3	23.1	5.9	0.01	0.04	0.03	0.5	WSW
12/2/2023 13:12:00	17.1	22.7	5.6	0.01	0.04	0.03	0.5	WNW
12/2/2023 13:13:00	16.9	22.3	5.3	0.02	0.04	0.03	0.5	W
12/2/2023 13:14:00	16.8	21.9	5.1	0.02	0.05	0.03	0.5	WNW
12/2/2023 13:15:00	16.7	21.6	4.9	0.02	0.05	0.03	0.5	NW
12/2/2023 13:16:00	16.5	21.4	4.9	0.02	0.05	0.03	0.4	ENE
12/2/2023 13:17:00	16.4	21.2	4.8	0.02	0.05	0.03	0.4	E
12/2/2023 13:18:00	16.3	21.1	4.8	0.02	0.05	0.03	0.4	W
12/2/2023 13:19:00	16.5	20.6	4.1	0.02	0.05	0.03	0.4	N

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 13:20:00	16.4	20.7	4.3	0.02	0.03	0.01	0.4	W
12/2/2023 13:21:00	16.6	20.7	4.0	0.02	0.02	0.00	0.4	ENE
12/2/2023 13:22:00	17.7	20.3	2.6	0.02	0.02	0.00	0.4	E
12/2/2023 13:23:00	18.1	19.2	1.1	0.02	0.02	0.00	0.4	E
12/2/2023 13:24:00	18.1	18.6	0.4	0.02	0.02	0.00	0.3	NE
12/2/2023 13:25:00	18.4	17.8	-0.7	0.02	0.02	0.00	0.3	SSE
12/2/2023 13:26:00	18.4	17.9	-0.5	0.02	0.02	0.00	0.3	E
12/2/2023 13:27:00	18.5	17.8	-0.8	0.01	0.02	0.01	0.3	ESE
12/2/2023 13:28:00	18.5	17.8	-0.7	0.01	0.02	0.00	0.3	W
12/2/2023 13:29:00	18.5	17.7	-0.8	0.01	0.02	0.00	0.4	WSW
12/2/2023 13:30:00	18.5	17.7	-0.8	0.01	0.01	0.00	0.4	W
12/2/2023 13:31:00	18.5	17.8	-0.7	0.01	0.01	0.00	0.4	WSW
12/2/2023 13:32:00	18.4	17.9	-0.5	0.01	0.02	0.00	0.4	WSW
12/2/2023 13:33:00	18.4	18.0	-0.5	0.01	0.02	0.01	0.4	W
12/2/2023 13:34:00	18.2	18.1	-0.1	0.01	0.02	0.01	0.4	W
12/2/2023 13:35:00	18.3	17.9	-0.3	0.01	0.02	0.00	0.5	W
12/2/2023 13:36:00	18.1	18.0	-0.1	0.01	0.02	0.00	0.5	WSW
12/2/2023 13:37:00	17.0	17.8	0.8	0.01	0.01	0.00	0.6	WSW
12/2/2023 13:38:00	16.6	17.9	1.3	0.01	0.01	0.00	0.6	WSW
12/2/2023 13:39:00	16.6	18.0	1.4	0.02	0.01	-0.01	0.6	WSW
12/2/2023 13:40:00	16.5	18.2	1.8	0.02	0.01	-0.01	0.7	W
12/2/2023 13:41:00	16.6	18.2	1.7	0.02	0.01	-0.01	0.7	WSW
12/2/2023 13:42:00	16.6	18.6	1.9	0.02	0.01	-0.01	0.7	WSW
12/2/2023 13:43:00	17.0	18.6	1.6	0.02	0.01	-0.01	0.7	ENE
12/2/2023 13:44:00	17.4	18.7	1.3	0.02	0.01	-0.01	0.7	E
12/2/2023 13:45:00	17.6	19.2	1.6	0.03	0.01	-0.01	0.7	SW
12/2/2023 13:46:00	17.8	19.5	1.8	0.03	0.01	-0.01	0.7	WSW
12/2/2023 13:47:00	17.9	19.7	1.8	0.02	0.01	-0.01	0.7	W
12/2/2023 13:48:00	18.1	20.0	1.9	0.02	0.01	-0.01	0.7	SW
12/2/2023 13:49:00	18.4	20.3	2.0	0.02	0.01	-0.01	0.7	W
12/2/2023 13:50:00	18.8	20.5	1.7	0.03	0.01	-0.01	0.6	SE
12/2/2023 13:51:00	19.0	20.8	1.7	0.03	0.02	-0.01	0.6	WSW

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 13:52:00	19.2	21.0	1.8	0.02	0.02	0.00	0.6	WSW
12/2/2023 13:53:00	19.4	21.3	2.0	0.02	0.02	0.00	0.6	WSW
12/2/2023 13:54:00	19.6	21.6	2.0	0.02	0.02	0.00	0.6	W
12/2/2023 13:55:00	19.8	21.8	2.0	0.02	0.02	0.00	0.5	S
12/2/2023 13:56:00	20.0	21.9	1.9	0.02	0.02	0.00	0.5	W
12/2/2023 13:57:00	20.3	22.1	1.7	0.02	0.03	0.01	0.5	WSW
12/2/2023 13:58:00	20.6	22.4	1.9	0.02	0.02	0.00	0.5	WSW
12/2/2023 13:59:00	20.7	22.8	2.1	0.02	0.02	0.00	0.5	W
12/2/2023 14:00:00	21.0	22.7	1.7	0.02	0.02	0.00	0.5	W
12/2/2023 14:01:00	21.4	22.9	1.4	0.02	0.02	0.00	0.6	W
12/2/2023 14:02:00	21.8	23.0	1.2	0.02	0.02	0.00	0.6	ENE
12/2/2023 14:03:00	22.0	23.1	1.1	0.02	0.02	0.00	0.6	W
12/2/2023 14:04:00	22.2	23.1	0.9	0.02	0.02	0.00	0.6	W
12/2/2023 14:05:00	22.2	23.3	1.1	0.02	0.02	0.00	0.7	WSW
12/2/2023 14:06:00	22.3	23.3	1.0	0.02	0.02	-0.01	0.7	WSW
12/2/2023 14:07:00	22.6	23.3	0.6	0.02	0.01	-0.01	0.7	WSW
12/2/2023 14:08:00	23.8	23.2	-0.6	0.02	0.01	-0.01	0.7	WSW
12/2/2023 14:09:00	24.2	23.2	-1.0	0.02	0.01	-0.01	0.7	WSW
12/2/2023 14:10:00	24.4	23.2	-1.2	0.02	0.01	-0.01	0.7	ESE
12/2/2023 14:11:00	24.4	23.1	-1.2	0.02	0.01	-0.01	0.7	W
12/2/2023 14:12:00	24.3	23.2	-1.1	0.02	0.01	-0.01	0.7	W
12/2/2023 14:13:00	24.2	23.1	-1.1	0.02	0.01	-0.01	0.7	NE
12/2/2023 14:14:00	24.3	22.9	-1.3	0.02	0.01	-0.01	0.6	E
12/2/2023 14:15:00	24.3	23.0	-1.3	0.02	0.01	0.00	0.6	N
12/2/2023 14:16:00	24.0	22.8	-1.1	0.02	0.02	0.00	0.6	WSW
12/2/2023 14:17:00	23.8	22.8	-0.9	0.02	0.02	-0.01	0.6	WSW
12/2/2023 14:18:00	23.7	22.7	-1.0	0.02	0.02	0.00	0.5	W
12/2/2023 14:19:00	23.7	22.5	-1.1	0.02	0.02	0.00	0.5	NW
12/2/2023 14:20:00	23.6	22.6	-1.0	0.02	0.02	0.00	0.4	SW
12/2/2023 14:21:00	23.5	22.8	-0.7	0.02	0.01	0.00	0.4	WSW
12/2/2023 14:22:00	23.2	22.9	-0.3	0.02	0.02	0.00	0.4	WNW
12/2/2023 14:23:00	22.3	22.8	0.5	0.02	0.02	0.00	0.4	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 14:24:00	22.1	22.6	0.5	0.02	0.02	0.00	0.4	ESE
12/2/2023 14:25:00	21.9	22.7	0.8	0.02	0.02	0.00	0.4	WSW
12/2/2023 14:26:00	21.9	22.8	0.9	0.02	0.02	0.00	0.4	WNW
12/2/2023 14:27:00	21.8	22.7	0.9	0.02	0.02	0.00	0.4	NW
12/2/2023 14:28:00	21.7	22.7	1.0	0.02	0.02	0.00	0.4	WSW
12/2/2023 14:29:00	21.6	22.6	1.1	0.02	0.02	0.00	0.4	NNW
12/2/2023 14:30:00	21.4	22.4	1.0	0.02	0.02	0.00	0.4	W
12/2/2023 14:31:00	21.4	22.4	1.0	0.02	0.02	0.00	0.4	WSW
12/2/2023 14:32:00	21.4	22.4	0.9	0.02	0.01	0.00	0.5	WSW
12/2/2023 14:33:00	21.4	22.3	0.9	0.02	0.01	0.00	0.6	WSW
12/2/2023 14:34:00	21.3	22.4	1.1	0.02	0.01	-0.01	0.6	WSW
12/2/2023 14:35:00	21.3	22.3	1.0	0.02	0.01	-0.01	0.7	WSW
12/2/2023 14:36:00	21.2	22.0	0.8	0.02	0.01	-0.01	0.7	WSW
12/2/2023 14:37:00	21.2	21.8	0.6	0.02	0.01	-0.01	0.7	WSW
12/2/2023 14:38:00	21.1	21.9	0.9	0.02	0.01	-0.01	0.8	WSW
12/2/2023 14:39:00	20.8	22.0	1.2	0.02	0.01	-0.01	0.8	WSW
12/2/2023 14:40:00	20.8	21.9	1.1	0.02	0.01	-0.01	0.9	WSW
12/2/2023 14:41:00	20.8	21.9	1.1	0.02	0.01	-0.01	0.9	WSW
12/2/2023 14:42:00	20.8	21.9	1.1	0.02	0.01	-0.01	0.9	W
12/2/2023 14:43:00	20.9	21.9	1.0	0.02	0.01	-0.02	0.9	E
12/2/2023 14:44:00	20.9	22.0	1.1	0.03	0.01	-0.02	0.9	WSW
12/2/2023 14:45:00	20.9	22.0	1.2	0.03	0.01	-0.02	0.9	WSW
12/2/2023 14:46:00	20.8	22.0	1.2	0.03	0.01	-0.01	0.9	NW
12/2/2023 14:47:00	20.8	22.0	1.3	0.03	0.01	-0.01	0.9	WSW
12/2/2023 14:48:00	20.7	22.0	1.3	0.03	0.01	-0.01	0.8	WSW
12/2/2023 14:49:00	20.6	22.0	1.3	0.03	0.01	-0.01	0.8	W
12/2/2023 14:50:00	20.6	21.9	1.4	0.02	0.01	-0.01	0.7	WSW
12/2/2023 14:51:00	20.6	22.0	1.4	0.02	0.01	-0.01	0.7	WSW
12/2/2023 14:52:00	20.5	22.0	1.5	0.02	0.01	-0.01	0.6	WSW
12/2/2023 14:53:00	20.6	21.8	1.2	0.02	0.01	-0.01	0.6	E
12/2/2023 14:54:00	20.5	21.7	1.2	0.02	0.01	-0.01	0.6	W
12/2/2023 14:55:00	20.5	21.6	1.1	0.02	0.01	-0.01	0.6	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 14:56:00	20.4	21.5	1.1	0.02	0.01	-0.01	0.6	WSW
12/2/2023 14:57:00	20.4	21.7	1.3	0.02	0.01	-0.01	0.6	WSW
12/2/2023 14:58:00	20.2	21.8	1.6	0.02	0.01	-0.01	0.6	WSW
12/2/2023 14:59:00	20.2	21.7	1.6	0.02	0.01	-0.01	0.6	WSW
12/2/2023 15:00:00	20.1	21.6	1.5	0.02	0.01	-0.01	0.6	WSW
12/2/2023 15:01:00	20.1	21.6	1.5	0.02	0.01	-0.01	0.6	WSW
12/2/2023 15:02:00	20.0	21.5	1.5	0.02	0.01	-0.01	0.6	WSW
12/2/2023 15:03:00	20.0	21.4	1.4	0.02	0.01	-0.01	0.6	WSW
12/2/2023 15:04:00	20.0	21.4	1.4	0.02	0.01	-0.01	0.6	W
12/2/2023 15:05:00	20.0	21.3	1.3	0.02	0.01	-0.01	0.6	W
12/2/2023 15:06:00	20.0	21.2	1.2	0.02	0.01	-0.01	0.7	W
12/2/2023 15:07:00	20.0	21.1	1.1	0.02	0.01	-0.01	0.7	WSW
12/2/2023 15:08:00	19.9	21.1	1.3	0.02	0.01	-0.01	0.7	WSW
12/2/2023 15:09:00	19.9	21.1	1.2	0.02	0.01	-0.01	0.8	WSW
12/2/2023 15:10:00	19.9	21.1	1.2	0.03	0.01	-0.01	0.7	W
12/2/2023 15:11:00	20.0	21.0	1.0	0.03	0.01	-0.01	0.7	E
12/2/2023 15:12:00	20.0	20.7	0.7	0.03	0.01	-0.01	0.7	W
12/2/2023 15:13:00	20.0	20.5	0.5	0.03	0.01	-0.01	0.7	WSW
12/2/2023 15:14:00	20.1	20.6	0.5	0.03	0.01	-0.01	0.8	W
12/2/2023 15:15:00	20.3	20.8	0.5	0.03	0.01	-0.01	0.8	WSW
12/2/2023 15:16:00	20.5	20.9	0.4	0.03	0.01	-0.02	0.8	WSW
12/2/2023 15:17:00	20.6	21.0	0.3	0.03	0.01	-0.02	0.8	WSW
12/2/2023 15:18:00	20.8	21.1	0.3	0.03	0.01	-0.02	0.8	WSW
12/2/2023 15:19:00	21.0	21.2	0.2	0.03	0.02	-0.02	0.8	SE
12/2/2023 15:20:00	21.1	21.3	0.3	0.04	0.02	-0.02	0.7	WSW
12/2/2023 15:21:00	21.2	21.5	0.3	0.04	0.02	-0.02	0.7	W
12/2/2023 15:22:00	21.3	21.6	0.3	0.04	0.02	-0.02	0.7	W
12/2/2023 15:23:00	21.4	21.7	0.3	0.04	0.01	-0.03	0.6	SW
12/2/2023 15:24:00	21.4	21.7	0.4	0.04	0.01	-0.03	0.6	WSW
12/2/2023 15:25:00	21.4	21.8	0.4	0.04	0.01	-0.03	0.6	W
12/2/2023 15:26:00	21.6	21.8	0.2	0.05	0.01	-0.04	0.7	WSW
12/2/2023 15:27:00	22.1	21.9	-0.2	0.05	0.01	-0.04	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
12/2/2023 15:28:00	22.2	21.9	-0.3	0.06	0.01	-0.04	0.7	W
12/2/2023 15:29:00	22.6	21.9	-0.7	0.06	0.01	-0.04	0.7	WSW
12/2/2023 15:30:00	22.8	22.0	-0.9	0.06	0.01	-0.04	0.7	WSW
12/2/2023 15:31:00	23.0	21.9	-1.1	0.06	0.01	-0.04	0.7	W
12/2/2023 15:32:00	23.8	21.7	-2.1	0.06	0.01	-0.04	0.7	NW
12/2/2023 15:33:00	24.1	21.6	-2.6	0.06	0.01	-0.04	0.7	SW
12/2/2023 15:34:00	24.3	21.5	-2.8	0.06	0.01	-0.05	0.7	W
12/2/2023 15:35:00	24.2	21.4	-2.9	0.06	0.01	-0.05	0.7	WSW
12/2/2023 15:36:00	24.2	21.2	-3.0	0.06	0.01	-0.05	0.7	WSW
12/2/2023 15:37:00	24.1	21.1	-3.0	0.05	0.01	-0.04	0.7	E
12/2/2023 15:38:00	24.1	21.0	-3.1	0.05	0.01	-0.04	0.7	W
12/2/2023 15:39:00	24.4	20.9	-3.5	0.05	0.01	-0.04	0.6	WNW
12/2/2023 15:40:00	24.4	20.9	-3.5	0.04	0.01	-0.03	0.7	WSW
12/2/2023 15:41:00	24.6	20.9	-3.7	0.04	0.01	-0.03	0.7	W
12/2/2023 15:42:00	24.5	21.0	-3.5	0.04	0.01	-0.03	0.7	W
12/2/2023 15:43:00	24.5	21.0	-3.5	0.04	0.01	-0.03	0.7	W
12/2/2023 15:44:00	24.1	21.0	-3.1	0.04	0.01	-0.03	0.6	SW
12/2/2023 15:45:00	23.8	20.9	-2.9	0.04	0.01	-0.03	0.6	W
12/2/2023 15:46:00	23.5	21.0	-2.6	0.04	0.01	-0.03	0.7	WSW
12/2/2023 15:47:00	22.8	21.0	-1.8	0.04	0.01	-0.03	0.7	WSW
12/2/2023 15:48:00	22.5	23.4	0.9	0.03	0.01	-0.03	0.7	ESE
12/2/2023 15:49:00	22.7	23.6	0.9	0.03	0.01	-0.03	0.7	S
12/2/2023 15:50:00	22.7	23.7	1.0	0.03	0.01	-0.02	0.7	SE
12/2/2023 15:51:00	22.7	23.9	1.1	0.03	0.01	-0.01	0.7	NNW
12/2/2023 15:52:00	22.9	23.9	1.0	0.03	0.01	-0.02	0.7	W
12/2/2023 15:53:00	23.1	24.1	0.9	0.03	0.01	-0.02	0.7	WSW
12/2/2023 15:54:00	23.1	24.3	1.2	0.03	0.01	-0.02	0.7	WSW
12/2/2023 15:55:00	24.5	24.4	-0.1	0.03	0.01	-0.02	0.7	S
12/2/2023 15:56:00	26.6	24.6	-1.9	0.03	0.01	-0.02	0.7	W
12/2/2023 15:57:00	26.7	25.2	-1.5	0.02	0.01	-0.01	0.6	NNW
12/2/2023 15:58:00	26.6	25.4	-1.2	0.02	0.01	-0.01	0.6	WSW
12/2/2023 15:59:00	26.7	25.6	-1.1	0.02	0.01	-0.01	0.6	WSW

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
12/2/2023 16:00:00	26.8	25.6	-1.1	0.02	0.01	-0.01	0.6	WSW
12/2/2023 16:01:00	26.8	25.7	-1.0	0.02	0.01	-0.01	0.5	WSW
12/2/2023 16:02:00	26.6	25.8	-0.8	0.02	0.01	-0.01	0.5	WNW
12/2/2023 16:03:00	26.7	23.4	-3.3	0.02	0.01	-0.01	0.5	ENE
12/2/2023 16:04:00	26.5	23.3	-3.2	0.02	0.01	-0.01	0.5	E