

DAILY FIELD REPORT 196

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:	February 26, 2024
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 3:30 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Caitlyn Dempsey (Environmental)
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Construction Manager: Consigli Construction Co., Inc. (Consigli)

Foundation Contractor: Urban Foundation/Engineering (Urban)
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Work Activities Performed:

- Urban continued excavating an about 25-foot-long by 25-foot-wide area from about 4 feet below grade surface (bgs) to 10 feet bgs in the central eastern part of grids WC05_0-5 and WC05_5-10 to facilitate the installation of support of excavation and formwork for caisson caps. During excavation, a creosote-like odor was encountered. Elevated photoionization detector readings (PID) were not observed. Excavated soil/fill consisted of non-native soil and was stockpiled in the southern central part of WC05 and covered with polyethylene sheeting at the end of the day, pending off-site disposal.
- Urban uncovered an approximately 3-foot-long by 19-inch-wide rusted, cylindrical, steel vessel in the southern area of the site while excavating for a caisson recirculation pit. The inside of the vessel registered volatile organic compound (VOC) readings up to 83 parts per million (ppm) with the PID; no product or residue was observed inside the vessel. The vessel was placed on and covered with polyethylene sheeting, pending off-site disposal/recycling as construction and demolition (C&D) debris.
- Urban continued installing waterproofing/vapor barrier membranes (GCP Preprufe® 300R and related products) in the southeastern part of the site. Waterproofing/vapor barrier installation observation and documentation is to verify general conformance with specifications and contract documents.

Material Tracking:

- The following soil/fill was exported from the site:
 - 3 loads of soil/fill from waste characterization grids WC05_0-5, and WC05_5-10 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								
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	-	3	60	0	-	0
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	139	2,780	282	5,640	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>Greenpoint Quarry / North Shore Terminal</i>		<i>Stavola Bound Brook / North Shore Terminal</i>		<i>North American Aggregate Mining Operations</i>	
Location	<i>Staten Island, NY</i>		<i>Staten Island, NY</i>		<i>Perth Amboy, NJ</i>	
Type of Material	<i>ASTM #57 0.75-inch Stone</i>		<i>ASTM #2 2.5-inch Stone</i>		<i>Pipe Sand Backfill</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
		0	-	0	-	0
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	6	120	3	60	0	-
Approved Quantity	-	500	-	200	-	300

Samples Collected:

- No samples were collected.

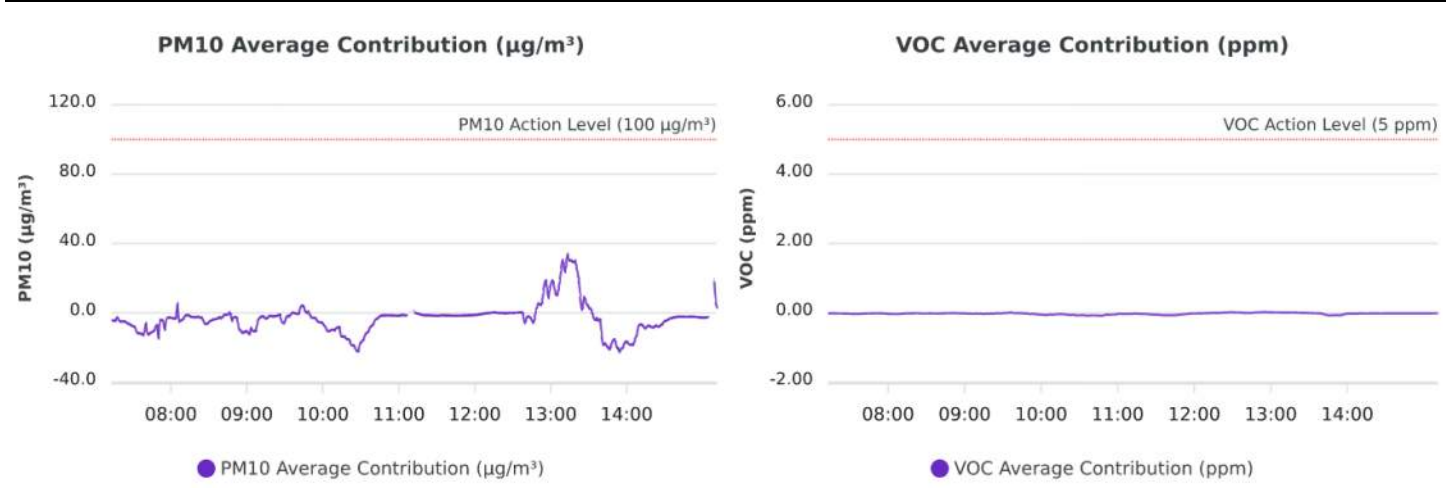
Air Monitoring:

The 15-minute average site contributions for particulates and 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 level 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	8.1	Daily Background	0.01
PM10 Average Site Contribution (Minimum)	-22.6	VOC Average Site Contribution (Minimum)	-0.08
PM10 Average Site Contribution (Maximum)	34.3	VOC Average Site Contribution (Maximum)	0.03

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

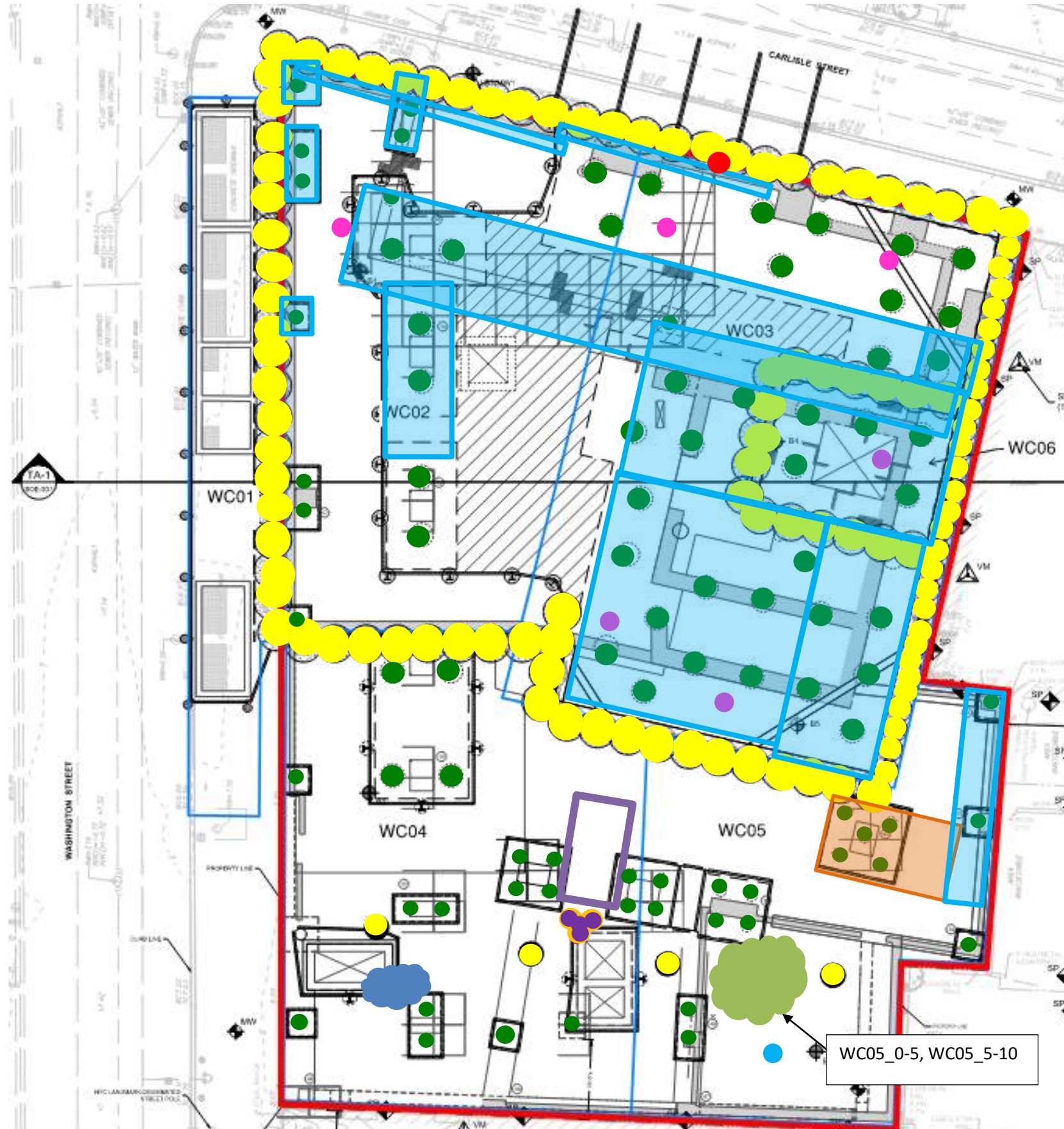
ppm: parts per million.



Planned Activities:

- Urban will continue to excavate and grade site soil/fill in support of foundation installation.







SITE PLAN



- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile – Soil (no impacts)**
- **Stockpile – C&D**
- **Stockpile – Timber Piles**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- **Completed Soil-Mix Column**
- **Completed Caisson Casing**
- **Completed Caisson**
- **Reinstalled Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- **Soil-Mix Core Advanced**
- **Documentation Endpoint Sample**
- Completed Waterproofing Installation**
- Approximate Location of the Former UST**

Note: Waste characterization grid areas were developed by PT Consultants and Urban and is shown on this site plan for reference only.

SITE PLAN - PETROFIX GROUNDWATER TREATMENT AREA

-  **Site Boundary**
-  **Groundwater Treatment Area**
-  **Proposed Petrofix Injection Point**
-  **In Progress Petrofix Injection**
-  **Completed Petrofix Injection**
-  **Pilot Test Boring Advanced**

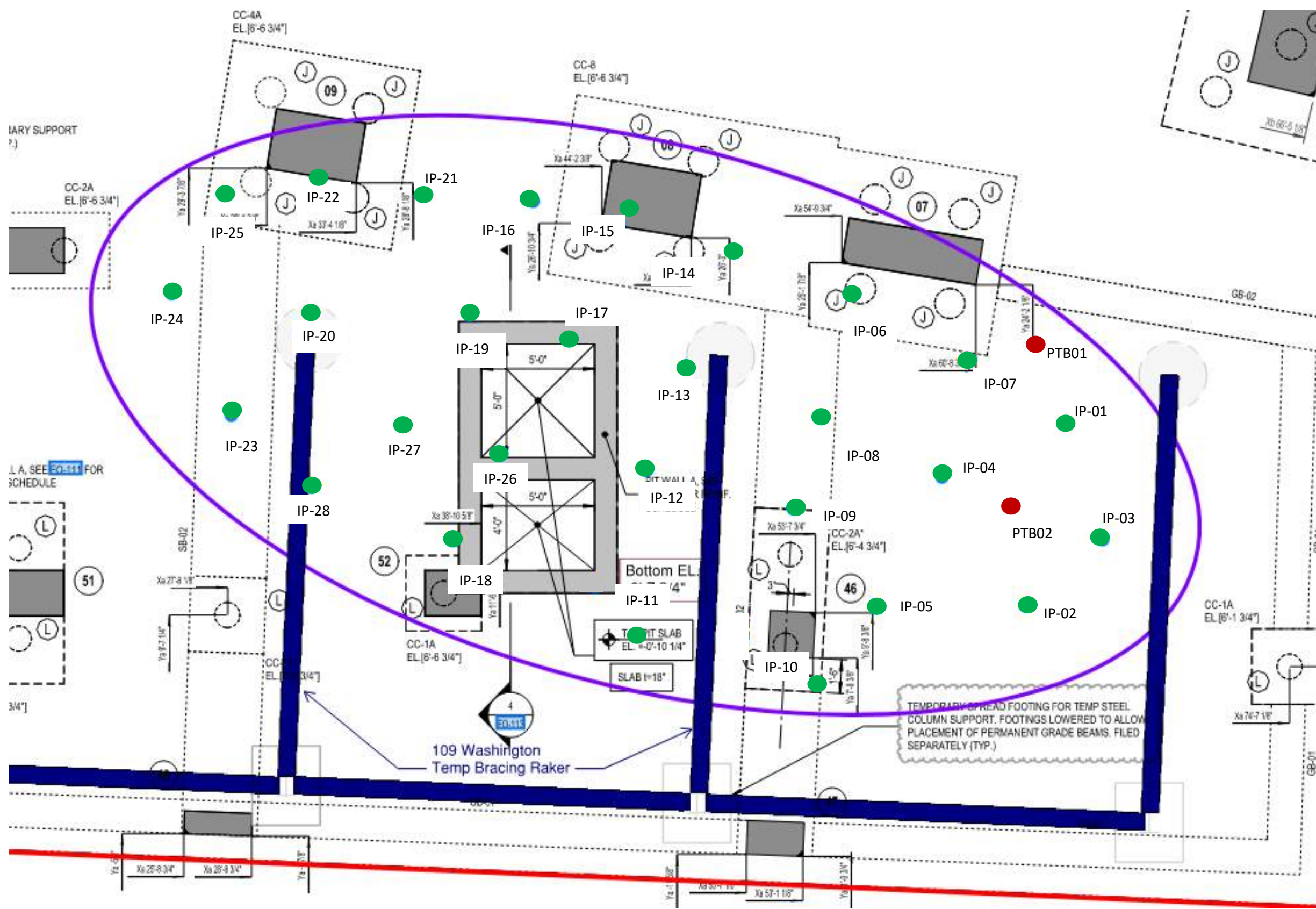


Photo Log

Photo 1: Urban excavating soil/fill for caisson cutting in grid WC05 (facing southeast).



Photo 2: View of Urban loading truck for export (facing southeast).



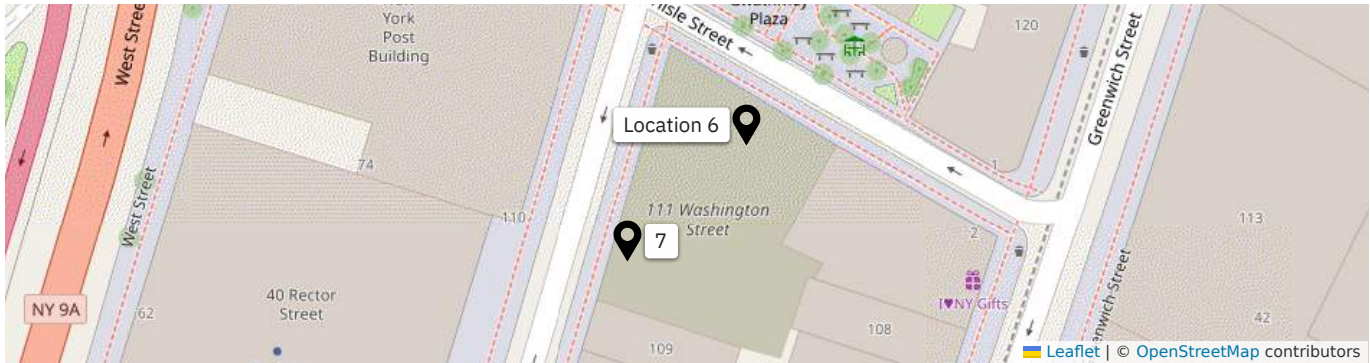
Photo 3: View of the southwestern entrance/exit of the site on Washington Street at the end of the day (facing northeast).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	2/26/2024 06:00
		To:	2/26/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

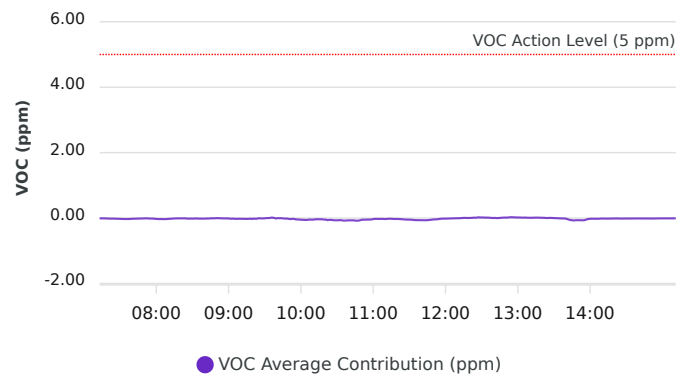
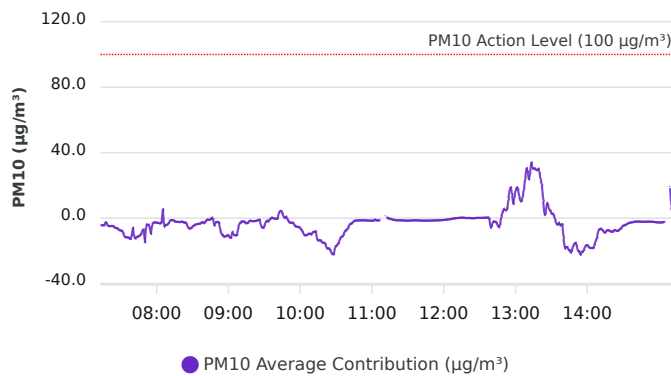
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
2/26/2024	0.2-4.3	W

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 2/26/2024	-22.6	13:54	-0.08	10:46
Max Contribution (15 min avg.) - 2/26/2024	34.3	13:13	0.03	12:54

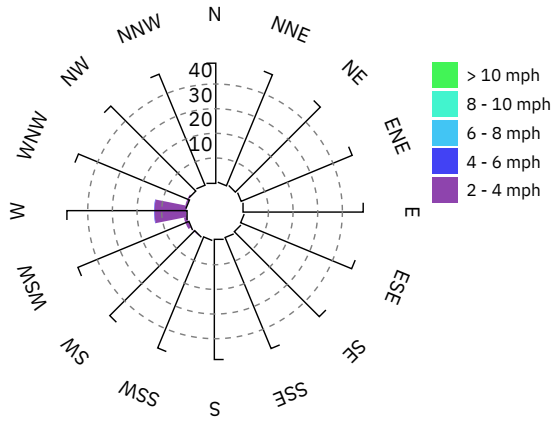


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
2/26/2024 07:13:00	8.1	3.7	-4.3	0.01	0.00	-0.01	1.1	S
2/26/2024 07:14:00	7.9	3.6	-4.3	0.01	0.00	-0.01	0.9	W
2/26/2024 07:15:00	7.8	3.3	-4.4	0.01	0.00	-0.01	0.8	WSW
2/26/2024 07:16:00	7.7	3.2	-4.5	0.01	0.00	-0.01	0.7	S
2/26/2024 07:17:00	8.0	5.5	-2.5	0.01	0.00	-0.01	0.7	SW
2/26/2024 07:18:00	9.0	5.8	-3.2	0.01	0.00	-0.01	0.8	W
2/26/2024 07:19:00	10.0	5.3	-4.7	0.01	0.00	-0.01	0.9	W
2/26/2024 07:20:00	9.9	4.9	-5.0	0.01	0.00	-0.01	0.9	W
2/26/2024 07:21:00	9.6	4.7	-4.9	0.02	0.00	-0.02	0.9	WSW
2/26/2024 07:22:00	9.3	4.4	-4.8	0.02	0.00	-0.02	0.9	S
2/26/2024 07:23:00	9.1	4.2	-4.9	0.02	0.00	-0.02	0.9	WSW
2/26/2024 07:24:00	9.2	4.0	-5.2	0.02	0.00	-0.02	0.9	W
2/26/2024 07:25:00	9.9	3.8	-6.1	0.02	0.00	-0.02	0.9	SW
2/26/2024 07:26:00	9.8	3.7	-6.1	0.02	0.00	-0.02	0.9	W
2/26/2024 07:27:00	9.8	3.5	-6.3	0.02	0.00	-0.02	0.9	W
2/26/2024 07:28:00	10.5	3.4	-7.2	0.02	0.00	-0.02	0.9	W
2/26/2024 07:29:00	10.7	3.2	-7.4	0.02	0.00	-0.02	0.9	W
2/26/2024 07:30:00	10.8	3.2	-7.7	0.02	0.00	-0.02	1.0	W
2/26/2024 07:31:00	11.1	3.1	-8.0	0.03	0.00	-0.03	1.0	WSW
2/26/2024 07:32:00	11.7	2.2	-9.4	0.03	0.00	-0.03	1.0	W
2/26/2024 07:33:00	13.5	1.9	-11.6	0.03	0.00	-0.03	1.0	WSW
2/26/2024 07:34:00	13.6	1.9	-11.7	0.03	0.00	-0.03	0.9	WSW
2/26/2024 07:35:00	13.5	1.8	-11.8	0.03	0.00	-0.03	0.9	WSW
2/26/2024 07:36:00	13.6	1.7	-11.8	0.03	0.00	-0.03	0.9	WSW
2/26/2024 07:37:00	14.2	1.6	-12.6	0.03	0.00	-0.03	0.9	WSW
2/26/2024 07:38:00	14.4	1.7	-12.8	0.03	0.00	-0.03	0.9	W
2/26/2024 07:39:00	13.9	3.4	-10.5	0.03	0.00	-0.03	0.9	E
2/26/2024 07:40:00	12.8	7.1	-5.7	0.03	0.00	-0.02	0.9	ESE
2/26/2024 07:41:00	18.9	7.1	-11.8	0.02	0.00	-0.02	0.9	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
2/26/2024 07:42:00	19.7	7.2	-12.5	0.02	0.00	-0.02	0.9	W
2/26/2024 07:43:00	18.9	7.3	-11.6	0.02	0.00	-0.02	0.9	WSW
2/26/2024 07:44:00	18.6	7.3	-11.3	0.02	0.00	-0.02	0.9	WSW
2/26/2024 07:45:00	18.3	7.4	-10.9	0.02	0.00	-0.02	0.9	W
2/26/2024 07:46:00	17.9	7.4	-10.5	0.02	0.00	-0.01	0.9	W
2/26/2024 07:47:00	17.0	7.4	-9.5	0.02	0.00	-0.01	0.9	WNW
2/26/2024 07:48:00	14.6	7.5	-7.2	0.02	0.00	-0.01	0.9	W
2/26/2024 07:49:00	14.6	7.5	-7.0	0.01	0.00	-0.01	0.9	W
2/26/2024 07:50:00	22.6	7.6	-15.1	0.01	0.00	-0.01	0.9	SW
2/26/2024 07:51:00	22.3	18.5	-3.8	0.01	0.01	-0.01	0.9	ESE
2/26/2024 07:52:00	22.7	18.5	-4.2	0.01	0.01	-0.01	0.9	WSW
2/26/2024 07:53:00	22.5	18.5	-3.9	0.01	0.01	-0.01	0.9	W
2/26/2024 07:54:00	22.7	16.8	-5.9	0.02	0.00	-0.01	1.0	W
2/26/2024 07:55:00	23.0	13.1	-9.8	0.02	0.00	-0.01	1.0	SSW
2/26/2024 07:56:00	16.9	13.2	-3.7	0.02	0.00	-0.01	0.9	S
2/26/2024 07:57:00	15.9	13.1	-2.8	0.02	0.00	-0.02	0.8	W
2/26/2024 07:58:00	15.8	13.1	-2.7	0.02	0.00	-0.02	0.8	WSW
2/26/2024 07:59:00	15.8	13.1	-2.7	0.03	0.00	-0.02	0.8	SW
2/26/2024 08:00:00	15.9	13.1	-2.9	0.03	0.00	-0.03	0.8	NW
2/26/2024 08:01:00	16.0	13.0	-3.0	0.03	0.00	-0.03	0.7	WNW
2/26/2024 08:02:00	16.1	12.9	-3.2	0.03	0.00	-0.03	0.7	SW
2/26/2024 08:03:00	16.1	12.9	-3.3	0.03	0.00	-0.03	0.7	S
2/26/2024 08:04:00	15.4	12.8	-2.5	0.03	0.00	-0.03	0.7	WSW
2/26/2024 08:05:00	7.1	12.8	5.7	0.03	0.00	-0.03	0.7	SW
2/26/2024 08:06:00	7.3	1.8	-5.5	0.03	0.00	-0.03	0.7	WSW
2/26/2024 08:07:00	6.1	1.8	-4.3	0.03	0.00	-0.03	0.7	W
2/26/2024 08:08:00	6.0	1.8	-4.2	0.03	0.00	-0.03	0.6	W
2/26/2024 08:09:00	5.7	1.9	-3.8	0.03	0.00	-0.03	0.6	E
2/26/2024 08:10:00	5.4	2.4	-3.0	0.03	0.00	-0.03	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
2/26/2024 08:11:00	4.9	3.4	-1.4	0.03	0.01	-0.02	0.6	ENE
2/26/2024 08:12:00	4.7	3.4	-1.3	0.03	0.01	-0.02	0.6	W
2/26/2024 08:13:00	4.5	3.3	-1.2	0.03	0.01	-0.02	0.6	WSW
2/26/2024 08:14:00	4.7	3.3	-1.4	0.02	0.01	-0.02	0.6	W
2/26/2024 08:15:00	5.4	3.3	-2.1	0.02	0.01	-0.01	0.6	SW
2/26/2024 08:16:00	5.7	3.3	-2.4	0.02	0.01	-0.01	0.7	W
2/26/2024 08:17:00	5.6	3.3	-2.2	0.02	0.01	-0.01	0.7	WSW
2/26/2024 08:18:00	5.8	3.4	-2.4	0.02	0.01	-0.01	0.7	W
2/26/2024 08:19:00	6.0	3.4	-2.5	0.02	0.01	-0.01	0.7	W
2/26/2024 08:20:00	5.8	3.5	-2.3	0.02	0.01	-0.01	0.7	W
2/26/2024 08:21:00	5.7	3.6	-2.1	0.02	0.01	-0.01	0.8	W
2/26/2024 08:22:00	6.3	3.7	-2.5	0.01	0.01	-0.01	0.8	WSW
2/26/2024 08:23:00	6.7	3.9	-2.9	0.01	0.01	-0.01	0.8	WSW
2/26/2024 08:24:00	6.8	4.1	-2.7	0.01	0.01	-0.01	0.8	NE
2/26/2024 08:25:00	7.5	3.6	-3.9	0.02	0.01	-0.01	0.8	NW
2/26/2024 08:26:00	8.3	2.5	-5.8	0.02	0.00	-0.02	0.8	WSW
2/26/2024 08:27:00	9.1	2.6	-6.5	0.02	0.00	-0.02	0.9	W
2/26/2024 08:28:00	9.0	2.8	-6.2	0.02	0.00	-0.02	0.9	SE
2/26/2024 08:29:00	8.7	2.8	-5.9	0.02	0.00	-0.02	0.9	WNW
2/26/2024 08:30:00	7.8	2.9	-4.9	0.02	0.00	-0.02	0.9	SSE
2/26/2024 08:31:00	7.4	2.9	-4.5	0.02	0.00	-0.02	0.9	W
2/26/2024 08:32:00	7.3	3.2	-4.1	0.02	0.01	-0.01	1.0	NE
2/26/2024 08:33:00	7.0	3.2	-3.8	0.02	0.01	-0.01	1.0	NW
2/26/2024 08:34:00	6.7	3.2	-3.6	0.02	0.01	-0.01	1.0	W
2/26/2024 08:35:00	6.7	3.2	-3.5	0.02	0.01	-0.02	1.0	W
2/26/2024 08:36:00	6.6	3.1	-3.5	0.02	0.01	-0.02	1.1	W
2/26/2024 08:37:00	6.0	3.1	-2.9	0.02	0.01	-0.02	1.0	W
2/26/2024 08:38:00	5.5	3.1	-2.4	0.02	0.01	-0.02	1.0	WSW
2/26/2024 08:39:00	6.0	2.8	-3.2	0.02	0.00	-0.02	1.0	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/26/2024 08:40:00	5.5	2.9	-2.7	0.02	0.00	-0.02	1.0	WSW
2/26/2024 08:41:00	4.7	3.1	-1.7	0.02	0.00	-0.01	0.9	E
2/26/2024 08:42:00	4.0	3.1	-0.8	0.02	0.00	-0.01	0.9	WSW
2/26/2024 08:43:00	4.2	3.0	-1.2	0.02	0.00	-0.01	0.9	WNW
2/26/2024 08:44:00	4.2	3.2	-1.0	0.02	0.00	-0.01	0.8	NNW
2/26/2024 08:45:00	4.2	3.6	-0.6	0.01	0.00	-0.01	0.8	ENE
2/26/2024 08:46:00	4.1	4.4	0.3	0.01	0.01	-0.01	0.7	N
2/26/2024 08:47:00	5.0	4.2	-0.8	0.01	0.00	-0.01	0.7	WSW
2/26/2024 08:48:00	9.1	4.3	-4.8	0.01	0.00	-0.01	0.7	W
2/26/2024 08:49:00	9.3	6.7	-2.5	0.01	0.01	-0.01	0.7	ENE
2/26/2024 08:50:00	9.5	7.1	-2.4	0.01	0.01	0.00	0.6	E
2/26/2024 08:51:00	9.7	7.3	-2.5	0.01	0.01	0.00	0.6	W
2/26/2024 08:52:00	10.3	7.4	-2.9	0.01	0.01	0.00	0.6	SW
2/26/2024 08:53:00	15.0	7.4	-7.6	0.01	0.01	-0.01	0.6	WSW
2/26/2024 08:54:00	17.3	7.3	-10.0	0.01	0.01	-0.01	0.6	WNW
2/26/2024 08:55:00	17.8	7.4	-10.4	0.01	0.01	-0.01	0.6	SW
2/26/2024 08:56:00	19.0	7.3	-11.6	0.02	0.01	-0.01	0.6	WSW
2/26/2024 08:57:00	18.9	8.0	-10.9	0.02	0.01	-0.01	0.6	NE
2/26/2024 08:58:00	19.3	8.1	-11.2	0.02	0.01	-0.01	0.6	NW
2/26/2024 08:59:00	19.3	9.0	-10.3	0.02	0.01	-0.01	0.6	NNE
2/26/2024 09:00:00	19.5	8.6	-10.9	0.02	0.01	-0.01	0.6	WNW
2/26/2024 09:01:00	19.8	7.9	-12.0	0.02	0.01	-0.02	0.7	W
2/26/2024 09:02:00	20.1	7.9	-12.2	0.02	0.01	-0.02	0.7	WSW
2/26/2024 09:03:00	16.2	8.0	-8.3	0.03	0.01	-0.02	0.8	W
2/26/2024 09:04:00	16.2	5.8	-10.3	0.03	0.01	-0.01	0.7	NNW
2/26/2024 09:05:00	16.2	5.7	-10.5	0.03	0.01	-0.02	0.8	SW
2/26/2024 09:06:00	16.3	5.7	-10.6	0.04	0.01	-0.03	0.8	WNW
2/26/2024 09:07:00	16.0	5.7	-10.3	0.04	0.01	-0.02	0.9	WSW
2/26/2024 09:08:00	11.5	5.8	-5.7	0.03	0.01	-0.02	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
2/26/2024 09:09:00	9.0	5.9	-3.1	0.03	0.01	-0.02	1.1	W
2/26/2024 09:10:00	8.7	5.9	-2.8	0.03	0.01	-0.02	1.2	W
2/26/2024 09:11:00	7.8	5.9	-1.9	0.03	0.01	-0.02	1.3	W
2/26/2024 09:12:00	7.7	5.4	-2.3	0.03	0.01	-0.02	1.3	E
2/26/2024 09:13:00	7.4	5.4	-2.0	0.03	0.01	-0.02	1.3	W
2/26/2024 09:14:00	7.5	4.3	-3.2	0.04	0.01	-0.03	1.4	SW
2/26/2024 09:15:00	7.4	4.3	-3.1	0.04	0.01	-0.03	1.4	WSW
2/26/2024 09:16:00	7.2	4.3	-2.9	0.04	0.01	-0.03	1.4	W
2/26/2024 09:17:00	6.2	4.2	-1.9	0.03	0.01	-0.02	1.4	WNW
2/26/2024 09:18:00	5.8	4.3	-1.6	0.03	0.01	-0.02	1.4	NNW
2/26/2024 09:19:00	5.8	4.0	-1.8	0.03	0.00	-0.03	1.5	WSW
2/26/2024 09:20:00	5.7	3.8	-1.9	0.03	0.00	-0.02	1.5	W
2/26/2024 09:21:00	5.6	3.7	-1.9	0.02	0.00	-0.02	1.4	W
2/26/2024 09:22:00	5.4	3.6	-1.8	0.02	0.00	-0.02	1.5	W
2/26/2024 09:23:00	5.3	3.5	-1.7	0.03	0.00	-0.02	1.4	WSW
2/26/2024 09:24:00	5.0	3.6	-1.4	0.02	0.01	-0.01	1.2	NNW
2/26/2024 09:25:00	4.8	3.7	-1.0	0.02	0.01	-0.01	1.1	ENE
2/26/2024 09:26:00	4.7	3.7	-1.0	0.02	0.01	-0.01	1.0	WSW
2/26/2024 09:27:00	8.5	3.5	-5.0	0.02	0.01	-0.01	1.0	SW
2/26/2024 09:28:00	9.5	3.7	-5.8	0.02	0.01	-0.01	1.0	SSW
2/26/2024 09:29:00	9.9	3.8	-6.1	0.02	0.01	-0.01	0.9	W
2/26/2024 09:30:00	9.9	5.5	-4.4	0.02	0.01	-0.01	0.9	E
2/26/2024 09:31:00	10.0	7.8	-2.2	0.02	0.01	0.00	0.8	E
2/26/2024 09:32:00	10.1	8.6	-1.6	0.02	0.02	0.00	0.8	ENE
2/26/2024 09:33:00	10.9	8.7	-2.2	0.02	0.02	0.00	0.8	W
2/26/2024 09:34:00	10.9	9.9	-1.1	0.02	0.02	0.00	0.8	ESE
2/26/2024 09:35:00	10.9	10.7	-0.3	0.02	0.03	0.01	0.7	E
2/26/2024 09:36:00	10.9	11.2	0.3	0.02	0.03	0.01	0.7	ESE
2/26/2024 09:37:00	11.5	11.4	-0.1	0.02	0.03	0.01	0.6	WNW

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
2/26/2024 09:38:00	11.8	11.6	-0.2	0.03	0.03	0.00	0.6	W
2/26/2024 09:39:00	12.0	11.4	-0.5	0.04	0.03	-0.01	0.7	W
2/26/2024 09:40:00	12.0	11.5	-0.5	0.04	0.03	-0.01	0.7	NNW
2/26/2024 09:41:00	11.9	11.7	-0.2	0.03	0.03	0.00	0.7	NE
2/26/2024 09:42:00	8.2	11.7	3.5	0.04	0.03	0.00	0.7	NW
2/26/2024 09:43:00	7.3	11.6	4.3	0.04	0.03	-0.01	0.7	NW
2/26/2024 09:44:00	7.2	11.5	4.3	0.04	0.03	-0.01	0.7	SW
2/26/2024 09:45:00	7.3	10.0	2.7	0.04	0.03	-0.01	0.7	WSW
2/26/2024 09:46:00	7.3	7.8	0.6	0.04	0.03	-0.01	0.6	WSW
2/26/2024 09:47:00	7.3	7.3	0.0	0.04	0.02	-0.02	0.6	SW
2/26/2024 09:48:00	6.6	7.6	1.0	0.04	0.03	-0.01	0.6	ENE
2/26/2024 09:49:00	7.1	6.5	-0.6	0.04	0.02	-0.02	0.6	W
2/26/2024 09:50:00	7.7	5.8	-1.9	0.04	0.02	-0.03	0.7	WSW
2/26/2024 09:51:00	8.2	5.2	-3.0	0.05	0.01	-0.03	0.8	W
2/26/2024 09:52:00	7.9	5.1	-2.8	0.04	0.01	-0.03	0.9	W
2/26/2024 09:53:00	7.8	5.0	-2.8	0.04	0.01	-0.03	0.9	SSW
2/26/2024 09:54:00	8.0	5.0	-3.0	0.04	0.01	-0.02	1.0	W
2/26/2024 09:55:00	9.3	4.8	-4.5	0.04	0.01	-0.03	1.1	W
2/26/2024 09:56:00	9.7	4.6	-5.1	0.04	0.00	-0.04	1.2	W
2/26/2024 09:57:00	9.9	4.6	-5.3	0.04	0.00	-0.04	1.2	W
2/26/2024 09:58:00	10.1	4.6	-5.5	0.05	0.00	-0.04	1.2	WSW
2/26/2024 09:59:00	10.1	4.6	-5.5	0.05	0.00	-0.05	1.2	WNW
2/26/2024 10:00:00	11.2	4.6	-6.5	0.05	0.00	-0.05	1.2	W
2/26/2024 10:01:00	12.0	4.6	-7.5	0.06	0.00	-0.05	1.2	WNW
2/26/2024 10:02:00	13.0	4.4	-8.5	0.06	0.00	-0.05	1.2	NW
2/26/2024 10:03:00	14.2	3.9	-10.3	0.06	0.00	-0.06	1.2	W
2/26/2024 10:04:00	14.5	3.9	-10.7	0.06	0.00	-0.06	1.3	W
2/26/2024 10:05:00	14.4	3.9	-10.4	0.06	0.00	-0.06	1.2	W
2/26/2024 10:06:00	14.0	4.0	-10.0	0.06	0.00	-0.06	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
2/26/2024 10:07:00	13.9	4.3	-9.6	0.05	0.01	-0.04	1.0	NE
2/26/2024 10:08:00	14.1	4.5	-9.6	0.06	0.01	-0.05	1.0	SW
2/26/2024 10:09:00	14.7	4.6	-10.2	0.06	0.01	-0.05	0.8	SSW
2/26/2024 10:10:00	13.5	4.7	-8.8	0.06	0.01	-0.05	0.7	SSE
2/26/2024 10:11:00	13.3	4.7	-8.5	0.05	0.01	-0.04	0.7	NW
2/26/2024 10:12:00	12.9	4.8	-8.1	0.05	0.01	-0.04	0.7	N
2/26/2024 10:13:00	13.1	4.8	-8.3	0.05	0.01	-0.04	0.7	NW
2/26/2024 10:14:00	18.4	4.7	-13.7	0.05	0.01	-0.04	0.7	W
2/26/2024 10:15:00	18.1	4.7	-13.4	0.05	0.01	-0.04	0.8	W
2/26/2024 10:16:00	18.6	4.7	-13.9	0.05	0.01	-0.04	0.8	W
2/26/2024 10:17:00	18.3	4.8	-13.5	0.05	0.01	-0.04	0.9	W
2/26/2024 10:18:00	19.7	4.8	-14.9	0.05	0.01	-0.04	0.9	WSW
2/26/2024 10:19:00	20.0	4.9	-15.1	0.06	0.01	-0.04	0.9	W
2/26/2024 10:20:00	20.0	4.9	-15.2	0.06	0.01	-0.05	1.0	W
2/26/2024 10:21:00	20.9	4.8	-16.1	0.06	0.01	-0.05	1.1	W
2/26/2024 10:22:00	23.1	4.6	-18.6	0.07	0.00	-0.06	1.2	W
2/26/2024 10:23:00	23.2	4.5	-18.7	0.06	0.00	-0.06	1.2	W
2/26/2024 10:24:00	22.9	4.4	-18.5	0.06	0.00	-0.06	1.3	WSW
2/26/2024 10:25:00	24.0	4.3	-19.7	0.06	0.00	-0.06	1.4	WNW
2/26/2024 10:26:00	25.9	4.3	-21.6	0.06	0.00	-0.06	1.5	WSW
2/26/2024 10:27:00	26.4	4.2	-22.2	0.07	0.00	-0.07	1.6	W
2/26/2024 10:28:00	26.2	4.2	-22.0	0.07	0.00	-0.07	1.6	WSW
2/26/2024 10:29:00	21.6	4.2	-17.4	0.07	0.00	-0.07	1.8	W
2/26/2024 10:30:00	21.3	4.3	-17.0	0.07	0.00	-0.07	1.9	W
2/26/2024 10:31:00	20.2	4.2	-15.9	0.07	0.00	-0.07	1.9	W
2/26/2024 10:32:00	19.4	4.2	-15.2	0.07	0.00	-0.07	1.9	W
2/26/2024 10:33:00	16.8	4.1	-12.7	0.07	0.00	-0.07	1.9	W
2/26/2024 10:34:00	15.6	4.0	-11.6	0.07	0.00	-0.07	2.0	WSW
2/26/2024 10:35:00	15.2	3.9	-11.2	0.07	0.00	-0.07	2.1	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
2/26/2024 10:36:00	14.2	3.9	-10.3	0.08	0.00	-0.08	2.1	W
2/26/2024 10:37:00	11.8	3.8	-8.0	0.07	0.00	-0.07	2.1	W
2/26/2024 10:38:00	11.4	3.8	-7.6	0.07	0.00	-0.07	2.1	W
2/26/2024 10:39:00	10.7	3.8	-6.9	0.07	0.00	-0.07	2.1	W
2/26/2024 10:40:00	9.6	3.8	-5.8	0.07	0.00	-0.07	2.1	SW
2/26/2024 10:41:00	7.6	3.8	-3.8	0.07	0.00	-0.07	2.1	W
2/26/2024 10:42:00	7.2	3.8	-3.5	0.07	0.00	-0.07	2.2	W
2/26/2024 10:43:00	7.0	3.8	-3.2	0.07	0.00	-0.07	2.3	W
2/26/2024 10:44:00	6.1	3.8	-2.3	0.07	0.00	-0.07	2.2	W
2/26/2024 10:45:00	5.5	3.7	-1.7	0.08	0.00	-0.08	2.2	W
2/26/2024 10:46:00	5.2	3.7	-1.5	0.08	0.00	-0.08	2.3	W
2/26/2024 10:47:00	5.1	3.6	-1.5	0.08	0.00	-0.08	2.3	WSW
2/26/2024 10:48:00	5.1	3.6	-1.4	0.08	0.00	-0.08	2.3	SW
2/26/2024 10:49:00	5.0	3.6	-1.4	0.07	0.00	-0.07	2.2	WSW
2/26/2024 10:50:00	5.0	3.6	-1.4	0.06	0.00	-0.06	2.1	W
2/26/2024 10:51:00	5.0	3.6	-1.4	0.05	0.00	-0.05	2.2	WSW
2/26/2024 10:52:00	5.0	3.6	-1.4	0.05	0.00	-0.05	2.1	WSW
2/26/2024 10:53:00	5.0	3.6	-1.4	0.05	0.00	-0.05	2.1	W
2/26/2024 10:54:00	5.0	3.6	-1.4	0.05	0.00	-0.05	2.1	W
2/26/2024 10:55:00	5.0	3.6	-1.5	0.05	0.00	-0.05	2.2	W
2/26/2024 10:56:00	5.1	3.5	-1.5	0.05	0.00	-0.05	2.2	W
2/26/2024 10:57:00	5.1	3.5	-1.5	0.05	0.00	-0.05	2.1	WSW
2/26/2024 10:58:00	5.2	3.6	-1.6	0.04	0.00	-0.04	1.9	WSW
2/26/2024 10:59:00	5.2	3.6	-1.6	0.04	0.00	-0.04	1.8	WSW
2/26/2024 11:00:00	5.3	3.7	-1.6	0.03	0.00	-0.03	1.7	WSW
2/26/2024 11:01:00	5.3	3.8	-1.6	0.03	0.00	-0.03	1.6	W
2/26/2024 11:02:00	5.3	4.4	-0.9	0.03	0.00	-0.02	1.5	NNW
2/26/2024 11:03:00	5.8	4.5	-1.3	0.03	0.00	-0.03	1.5	WSW
2/26/2024 11:04:00	5.9	4.5	-1.4	0.03	0.00	-0.03	1.6	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
2/26/2024 11:05:00	5.9	4.5	-1.4	0.03	0.00	-0.03	1.5	W
2/26/2024 11:06:00	5.9	4.5	-1.4	0.03	0.00	-0.03	1.4	SW
2/26/2024 11:07:00				0.03	0.00	-0.03	1.5	W
2/26/2024 11:08:00				0.03	0.00	-0.03	1.5	WSW
2/26/2024 11:09:00				0.03	0.00	-0.03	1.5	W
2/26/2024 11:10:00				0.03	0.00	-0.03	1.5	WSW
2/26/2024 11:11:00	4.5	5.9	1.4	0.03	0.00	-0.03	1.5	W
2/26/2024 11:12:00	4.5	5.0	0.5	0.03	0.00	-0.02	1.6	WSW
2/26/2024 11:13:00	4.6	4.6	-0.1	0.02	0.00	-0.02	1.6	WSW
2/26/2024 11:14:00	4.7	4.4	-0.3	0.02	0.00	-0.02	1.7	W
2/26/2024 11:15:00	4.7	4.2	-0.5	0.02	0.00	-0.02	1.8	SW
2/26/2024 11:16:00	4.9	4.2	-0.7	0.03	0.00	-0.02	1.8	WSW
2/26/2024 11:17:00	5.2	4.3	-0.9	0.03	0.00	-0.03	1.9	W
2/26/2024 11:18:00	5.3	4.2	-1.1	0.03	0.00	-0.03	2.1	W
2/26/2024 11:19:00	5.4	4.2	-1.3	0.03	0.00	-0.03	2.1	W
2/26/2024 11:20:00	5.4	4.1	-1.4	0.03	0.00	-0.03	2.1	S
2/26/2024 11:21:00	5.3	4.0	-1.3	0.03	0.00	-0.03	2.1	WNW
2/26/2024 11:22:00	5.3	4.0	-1.3	0.03	0.00	-0.03	2.1	W
2/26/2024 11:23:00	5.3	3.9	-1.4	0.03	0.00	-0.03	2.1	W
2/26/2024 11:24:00	5.3	3.9	-1.4	0.04	0.00	-0.04	2.1	WSW
2/26/2024 11:25:00	5.2	3.9	-1.4	0.04	0.00	-0.04	2.0	WSW
2/26/2024 11:26:00	5.2	3.7	-1.5	0.04	0.00	-0.04	1.9	W
2/26/2024 11:27:00	5.2	3.7	-1.5	0.04	0.00	-0.04	1.9	WNW
2/26/2024 11:28:00	5.2	3.6	-1.6	0.05	0.00	-0.05	1.9	W
2/26/2024 11:29:00	5.2	3.6	-1.6	0.05	0.00	-0.05	1.8	SW
2/26/2024 11:30:00	5.2	3.6	-1.6	0.05	0.00	-0.05	1.9	W
2/26/2024 11:31:00	5.1	3.5	-1.6	0.05	0.00	-0.05	2.0	W
2/26/2024 11:32:00	5.0	3.5	-1.5	0.05	0.00	-0.05	1.9	W
2/26/2024 11:33:00	4.9	3.4	-1.4	0.06	0.00	-0.06	1.7	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
2/26/2024 11:34:00	4.8	3.4	-1.4	0.06	0.00	-0.06	1.7	W
2/26/2024 11:35:00	4.8	3.4	-1.3	0.06	0.00	-0.06	1.7	W
2/26/2024 11:36:00	4.8	3.4	-1.4	0.06	0.00	-0.06	1.7	W
2/26/2024 11:37:00	4.9	3.4	-1.5	0.06	0.00	-0.06	1.7	WNW
2/26/2024 11:38:00	4.9	3.5	-1.4	0.07	0.00	-0.07	1.7	W
2/26/2024 11:39:00	4.9	3.5	-1.4	0.06	0.00	-0.06	1.7	W
2/26/2024 11:40:00	5.0	3.5	-1.5	0.07	0.00	-0.07	1.7	WSW
2/26/2024 11:41:00	5.1	3.6	-1.6	0.07	0.00	-0.07	1.8	W
2/26/2024 11:42:00	5.2	3.6	-1.6	0.07	0.00	-0.07	1.9	WNW
2/26/2024 11:43:00	5.2	3.6	-1.6	0.07	0.00	-0.07	2.0	W
2/26/2024 11:44:00	5.2	3.6	-1.6	0.07	0.00	-0.07	2.0	WSW
2/26/2024 11:45:00	5.2	3.7	-1.6	0.06	0.00	-0.06	1.8	WSW
2/26/2024 11:46:00	5.2	3.7	-1.5	0.06	0.00	-0.06	1.7	W
2/26/2024 11:47:00	5.3	3.7	-1.5	0.06	0.00	-0.06	1.8	W
2/26/2024 11:48:00	5.3	3.8	-1.6	0.05	0.00	-0.05	1.7	WNW
2/26/2024 11:49:00	5.3	3.8	-1.5	0.05	0.00	-0.05	1.7	SW
2/26/2024 11:50:00	5.3	3.8	-1.5	0.04	0.00	-0.04	1.7	W
2/26/2024 11:51:00	5.3	3.8	-1.5	0.04	0.00	-0.04	1.7	W
2/26/2024 11:52:00	5.3	3.8	-1.4	0.04	0.00	-0.04	1.7	W
2/26/2024 11:53:00	5.2	3.8	-1.4	0.04	0.00	-0.04	1.7	WNW
2/26/2024 11:54:00	5.2	3.8	-1.4	0.03	0.00	-0.03	1.7	W
2/26/2024 11:55:00	5.1	3.8	-1.4	0.03	0.00	-0.03	1.7	S
2/26/2024 11:56:00	5.1	3.7	-1.3	0.02	0.00	-0.02	1.5	W
2/26/2024 11:57:00	5.0	3.7	-1.3	0.02	0.00	-0.02	1.5	W
2/26/2024 11:58:00	5.0	3.7	-1.3	0.02	0.00	-0.02	1.4	W
2/26/2024 11:59:00	4.9	3.7	-1.2	0.02	0.00	-0.02	1.4	W
2/26/2024 12:00:00	4.9	3.8	-1.1	0.02	0.00	-0.02	1.5	W
2/26/2024 12:01:00	4.9	3.8	-1.1	0.02	0.00	-0.02	1.6	W
2/26/2024 12:02:00	4.8	3.8	-1.0	0.02	0.00	-0.01	1.5	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
2/26/2024 12:03:00	4.8	3.9	-0.8	0.01	0.00	-0.01	1.5	NE
2/26/2024 12:04:00	4.7	4.0	-0.7	0.01	0.00	-0.01	1.5	NNW
2/26/2024 12:05:00	4.6	4.0	-0.7	0.01	0.00	-0.01	1.4	NW
2/26/2024 12:06:00	4.5	4.0	-0.5	0.01	0.00	-0.01	1.3	E
2/26/2024 12:07:00	4.5	4.1	-0.4	0.01	0.00	-0.01	1.3	ESE
2/26/2024 12:08:00	4.4	4.2	-0.3	0.01	0.00	-0.01	1.2	E
2/26/2024 12:09:00	4.4	4.2	-0.1	0.01	0.00	-0.01	1.2	ESE
2/26/2024 12:10:00	4.3	4.3	0.0	0.01	0.00	-0.01	1.2	E
2/26/2024 12:11:00	4.3	4.4	0.0	0.01	0.00	-0.01	1.3	WSW
2/26/2024 12:12:00	4.4	4.4	0.1	0.01	0.00	-0.01	1.2	NW
2/26/2024 12:13:00	4.4	4.5	0.1	0.01	0.01	0.00	1.2	ENE
2/26/2024 12:14:00	4.3	4.5	0.2	0.01	0.01	0.00	1.1	ESE
2/26/2024 12:15:00	4.4	4.6	0.2	0.01	0.01	0.00	1.0	NW
2/26/2024 12:16:00	4.4	4.7	0.3	0.00	0.01	0.01	0.9	WNW
2/26/2024 12:17:00	4.6	4.7	0.1	0.00	0.01	0.00	0.9	NNE
2/26/2024 12:18:00	4.7	4.7	0.0	0.00	0.01	0.00	0.9	ENE
2/26/2024 12:19:00	4.8	4.7	0.0	0.00	0.01	0.00	0.9	NW
2/26/2024 12:20:00	4.8	4.8	0.1	0.00	0.01	0.00	0.9	ENE
2/26/2024 12:21:00	4.8	4.9	0.0	0.00	0.01	0.01	0.9	E
2/26/2024 12:22:00	5.0	4.9	0.0	0.00	0.01	0.01	0.9	ENE
2/26/2024 12:23:00	5.1	5.0	-0.1	0.00	0.01	0.01	0.8	NNW
2/26/2024 12:24:00	5.2	5.1	-0.1	0.00	0.02	0.01	0.8	N
2/26/2024 12:25:00	5.2	5.1	-0.1	0.01	0.02	0.01	0.8	W
2/26/2024 12:26:00	5.3	5.3	0.0	0.01	0.02	0.01	0.7	ENE
2/26/2024 12:27:00	5.3	5.4	0.1	0.01	0.03	0.02	0.7	ESE
2/26/2024 12:28:00	5.3	5.4	0.1	0.01	0.03	0.02	0.7	NNE
2/26/2024 12:29:00	5.5	5.5	0.1	0.01	0.02	0.02	0.7	WSW
2/26/2024 12:30:00	5.6	5.7	0.1	0.01	0.03	0.02	0.8	ENE
2/26/2024 12:31:00	5.7	5.8	0.1	0.01	0.03	0.02	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
2/26/2024 12:32:00	5.7	5.8	0.1	0.01	0.03	0.01	0.8	NW
2/26/2024 12:33:00	5.7	5.8	0.1	0.01	0.03	0.01	0.8	SSE
2/26/2024 12:34:00	5.7	5.9	0.2	0.01	0.03	0.01	0.9	NE
2/26/2024 12:35:00	5.7	5.9	0.2	0.01	0.02	0.01	1.0	ESE
2/26/2024 12:36:00	5.7	6.0	0.3	0.01	0.02	0.01	1.0	ESE
2/26/2024 12:37:00	5.6	6.0	0.4	0.01	0.02	0.01	1.1	E
2/26/2024 12:38:00	6.5	5.9	-0.6	0.01	0.02	0.01	1.2	W
2/26/2024 12:39:00	11.9	5.8	-6.1	0.01	0.01	0.00	1.3	W
2/26/2024 12:40:00	11.9	7.3	-4.6	0.01	0.01	0.01	1.3	NE
2/26/2024 12:41:00	12.1	10.0	-2.0	0.01	0.01	0.00	1.3	E
2/26/2024 12:42:00	12.6	10.3	-2.2	0.01	0.01	0.00	1.4	ESE
2/26/2024 12:43:00	13.1	10.8	-2.3	0.01	0.01	0.00	1.3	ESE
2/26/2024 12:44:00	14.1	11.2	-3.0	0.01	0.01	0.00	1.3	ESE
2/26/2024 12:45:00	16.1	11.4	-4.8	0.01	0.01	0.00	1.3	E
2/26/2024 12:46:00	17.3	11.6	-5.7	0.00	0.01	0.01	1.4	E
2/26/2024 12:47:00	17.9	14.5	-3.5	0.00	0.01	0.01	1.4	E
2/26/2024 12:48:00	18.1	19.4	1.3	0.00	0.01	0.01	1.4	E
2/26/2024 12:49:00	18.3	22.1	3.7	0.00	0.01	0.01	1.3	E
2/26/2024 12:50:00	18.7	24.5	5.8	0.00	0.02	0.02	1.2	N
2/26/2024 12:51:00	20.0	24.8	4.8	0.00	0.02	0.01	1.2	NW
2/26/2024 12:52:00	20.4	25.1	4.8	0.00	0.02	0.02	1.1	NE
2/26/2024 12:53:00	19.5	25.5	6.0	0.00	0.03	0.02	1.1	ENE
2/26/2024 12:54:00	14.2	26.3	12.2	0.00	0.03	0.03	1.0	NNW
2/26/2024 12:55:00	14.2	32.5	18.3	0.00	0.03	0.03	1.0	NNW
2/26/2024 12:56:00	14.1	33.0	18.9	0.00	0.03	0.02	1.0	NE
2/26/2024 12:57:00	19.1	32.6	13.5	0.00	0.03	0.02	1.0	WNW
2/26/2024 12:58:00	23.8	32.2	8.3	0.01	0.03	0.02	1.0	NW
2/26/2024 12:59:00	22.7	36.6	13.9	0.01	0.03	0.02	1.0	NNE
2/26/2024 13:00:00	20.5	37.9	17.4	0.01	0.02	0.02	0.9	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
2/26/2024 13:01:00	19.3	38.2	18.9	0.01	0.02	0.02	0.9	E
2/26/2024 13:02:00	18.6	36.0	17.5	0.01	0.02	0.02	0.8	E
2/26/2024 13:03:00	18.7	31.2	12.4	0.01	0.02	0.01	0.8	W
2/26/2024 13:04:00	18.6	28.7	10.1	0.01	0.02	0.01	0.8	NE
2/26/2024 13:05:00	18.4	29.0	10.6	0.01	0.02	0.01	0.8	ENE
2/26/2024 13:06:00	17.1	31.1	14.0	0.00	0.02	0.02	0.8	E
2/26/2024 13:07:00	16.9	35.4	18.6	0.00	0.01	0.01	0.7	NE
2/26/2024 13:08:00	16.8	41.9	25.1	0.00	0.01	0.01	0.7	E
2/26/2024 13:09:00	16.7	47.5	30.7	0.00	0.01	0.01	0.7	ENE
2/26/2024 13:10:00	16.7	44.9	28.2	0.00	0.01	0.01	0.7	NNW
2/26/2024 13:11:00	18.3	41.7	23.4	0.00	0.01	0.01	0.7	W
2/26/2024 13:12:00	14.0	41.8	27.8	0.00	0.01	0.01	0.7	W
2/26/2024 13:13:00	8.9	43.1	34.3	0.00	0.01	0.01	0.6	NNW
2/26/2024 13:14:00	8.9	39.2	30.3	0.00	0.01	0.01	0.6	ENE
2/26/2024 13:15:00	8.9	39.0	30.1	0.00	0.01	0.01	0.6	ENE
2/26/2024 13:16:00	8.9	39.4	30.4	0.00	0.02	0.01	0.6	E
2/26/2024 13:17:00	9.3	38.6	29.3	0.00	0.01	0.01	0.6	W
2/26/2024 13:18:00	9.3	38.6	29.3	0.01	0.01	0.01	0.7	W
2/26/2024 13:19:00	9.3	39.6	30.3	0.01	0.01	0.01	0.7	E
2/26/2024 13:20:00	9.9	37.0	27.1	0.01	0.01	0.01	0.7	NW
2/26/2024 13:21:00	11.8	34.6	22.8	0.01	0.01	0.01	0.7	W
2/26/2024 13:22:00	11.9	31.5	19.6	0.01	0.01	0.01	0.7	ESE
2/26/2024 13:23:00	14.8	24.9	10.1	0.01	0.01	0.00	0.7	WSW
2/26/2024 13:24:00	16.9	18.5	1.6	0.01	0.01	0.00	0.7	W
2/26/2024 13:25:00	17.1	19.9	2.8	0.01	0.01	0.00	0.7	ESE
2/26/2024 13:26:00	15.6	25.0	9.5	0.01	0.01	0.00	0.7	E
2/26/2024 13:27:00	17.1	25.0	7.9	0.01	0.01	0.01	0.7	W
2/26/2024 13:28:00	18.9	23.8	4.9	0.01	0.01	0.00	0.7	WNW
2/26/2024 13:29:00	19.1	23.6	4.5	0.01	0.01	0.00	0.7	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/26/2024 13:30:00	19.7	22.2	2.4	0.01	0.01	0.00	0.7	WNW
2/26/2024 13:31:00	19.8	22.6	2.8	0.01	0.01	0.00	0.7	E
2/26/2024 13:32:00	21.3	22.7	1.4	0.01	0.01	0.00	0.8	W
2/26/2024 13:33:00	24.1	22.8	-1.3	0.01	0.01	-0.01	0.8	WSW
2/26/2024 13:34:00	25.3	21.6	-3.7	0.02	0.01	-0.01	0.8	W
2/26/2024 13:35:00	25.6	21.6	-4.1	0.02	0.01	-0.01	0.9	WNW
2/26/2024 13:36:00	24.3	21.6	-2.7	0.02	0.01	-0.01	0.9	WSW
2/26/2024 13:37:00	24.7	20.1	-4.6	0.02	0.01	-0.01	1.0	W
2/26/2024 13:38:00	23.8	20.1	-3.8	0.02	0.01	-0.01	1.0	W
2/26/2024 13:39:00	23.9	20.0	-3.9	0.02	0.01	-0.01	1.1	W
2/26/2024 13:40:00	26.2	13.6	-12.6	0.02	0.01	-0.02	1.2	W
2/26/2024 13:41:00	27.3	8.5	-18.8	0.03	0.00	-0.03	1.3	W
2/26/2024 13:42:00	26.2	8.6	-17.6	0.05	0.00	-0.04	1.5	W
2/26/2024 13:43:00	26.4	8.6	-17.7	0.06	0.00	-0.06	1.6	W
2/26/2024 13:44:00	27.5	8.2	-19.4	0.06	0.00	-0.06	1.6	W
2/26/2024 13:45:00	27.9	8.2	-19.7	0.07	0.00	-0.07	1.7	W
2/26/2024 13:46:00	28.2	7.0	-21.2	0.07	0.00	-0.07	1.7	W
2/26/2024 13:47:00	26.8	7.1	-19.7	0.07	0.00	-0.07	1.8	W
2/26/2024 13:48:00	23.9	7.1	-16.8	0.07	0.00	-0.07	1.8	WNW
2/26/2024 13:49:00	22.9	7.2	-15.7	0.07	0.00	-0.07	1.8	SW
2/26/2024 13:50:00	22.3	7.3	-15.0	0.07	0.00	-0.07	1.8	WNW
2/26/2024 13:51:00	24.3	7.3	-16.9	0.07	0.00	-0.07	1.9	W
2/26/2024 13:52:00	27.7	7.3	-20.4	0.07	0.00	-0.07	1.9	WNW
2/26/2024 13:53:00	27.5	7.3	-20.1	0.07	0.00	-0.07	1.9	WNW
2/26/2024 13:54:00	30.1	7.4	-22.6	0.07	0.00	-0.07	1.9	WNW
2/26/2024 13:55:00	28.3	7.5	-20.8	0.07	0.00	-0.07	1.9	WNW
2/26/2024 13:56:00	28.1	7.5	-20.6	0.06	0.00	-0.06	1.8	NW
2/26/2024 13:57:00	27.0	7.5	-19.5	0.05	0.00	-0.04	1.7	W
2/26/2024 13:58:00	25.0	7.8	-17.2	0.04	0.01	-0.03	1.6	NNW

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
2/26/2024 13:59:00	24.2	7.7	-16.5	0.03	0.01	-0.03	1.6	W
2/26/2024 14:00:00	24.3	7.7	-16.6	0.03	0.01	-0.02	1.6	W
2/26/2024 14:01:00	25.4	7.6	-17.8	0.03	0.01	-0.02	1.6	WNW
2/26/2024 14:02:00	25.9	7.6	-18.3	0.03	0.01	-0.02	1.5	NW
2/26/2024 14:03:00	25.9	7.6	-18.3	0.03	0.01	-0.02	1.5	W
2/26/2024 14:04:00	25.8	7.5	-18.4	0.03	0.00	-0.02	1.6	WNW
2/26/2024 14:05:00	25.7	7.4	-18.2	0.03	0.00	-0.02	1.6	W
2/26/2024 14:06:00	23.4	7.4	-16.0	0.02	0.00	-0.02	1.5	WSW
2/26/2024 14:07:00	20.9	7.4	-13.5	0.02	0.00	-0.02	1.4	WSW
2/26/2024 14:08:00	19.5	7.4	-12.1	0.02	0.00	-0.02	1.4	W
2/26/2024 14:09:00	14.8	7.5	-7.3	0.02	0.00	-0.01	1.4	SE
2/26/2024 14:10:00	14.3	7.4	-6.8	0.02	0.00	-0.01	1.3	WSW
2/26/2024 14:11:00	13.7	7.3	-6.4	0.02	0.00	-0.01	1.3	W
2/26/2024 14:12:00	14.4	7.3	-7.1	0.02	0.00	-0.01	1.4	W
2/26/2024 14:13:00	14.6	6.9	-7.8	0.02	0.00	-0.02	1.4	W
2/26/2024 14:14:00	15.9	6.8	-9.0	0.02	0.00	-0.02	1.4	W
2/26/2024 14:15:00	15.5	6.8	-8.6	0.02	0.00	-0.02	1.4	W
2/26/2024 14:16:00	14.4	6.8	-7.5	0.02	0.00	-0.02	1.4	W
2/26/2024 14:17:00	14.1	6.8	-7.3	0.02	0.00	-0.01	1.5	W
2/26/2024 14:18:00	14.4	6.7	-7.7	0.02	0.00	-0.01	1.5	W
2/26/2024 14:19:00	14.8	6.7	-8.1	0.01	0.00	-0.01	1.5	W
2/26/2024 14:20:00	15.0	6.7	-8.3	0.01	0.00	-0.01	1.5	WNW
2/26/2024 14:21:00	15.1	6.6	-8.4	0.01	0.00	-0.01	1.5	SW
2/26/2024 14:22:00	14.0	6.6	-7.4	0.01	0.00	-0.01	1.4	W
2/26/2024 14:23:00	13.8	6.6	-7.3	0.01	0.00	-0.01	1.5	W
2/26/2024 14:24:00	14.2	6.4	-7.8	0.01	0.00	-0.01	1.5	W
2/26/2024 14:25:00	14.3	6.3	-7.9	0.02	0.00	-0.02	1.5	W
2/26/2024 14:26:00	13.9	6.3	-7.5	0.02	0.00	-0.02	1.5	WSW
2/26/2024 14:27:00	13.0	6.3	-6.7	0.01	0.00	-0.01	1.4	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/26/2024 14:28:00	12.7	6.2	-6.5	0.01	0.00	-0.01	1.3	WSW
2/26/2024 14:29:00	11.1	6.1	-5.0	0.01	0.00	-0.01	1.3	WSW
2/26/2024 14:30:00	10.6	6.0	-4.6	0.01	0.00	-0.01	1.3	WNW
2/26/2024 14:31:00	10.3	5.9	-4.4	0.01	0.00	-0.01	1.3	WSW
2/26/2024 14:32:00	9.9	5.9	-4.0	0.01	0.00	-0.01	1.3	W
2/26/2024 14:33:00	9.4	5.8	-3.6	0.01	0.00	-0.01	1.2	W
2/26/2024 14:34:00	8.9	5.8	-3.1	0.01	0.00	-0.01	1.2	W
2/26/2024 14:35:00	8.7	5.7	-2.9	0.01	0.00	-0.01	1.2	WSW
2/26/2024 14:36:00	8.4	5.7	-2.7	0.01	0.00	-0.01	1.2	W
2/26/2024 14:37:00	8.2	5.6	-2.6	0.01	0.00	-0.01	1.4	W
2/26/2024 14:38:00	8.1	5.6	-2.5	0.01	0.00	-0.01	1.5	W
2/26/2024 14:39:00	7.8	5.6	-2.3	0.01	0.00	-0.01	1.6	W
2/26/2024 14:40:00	7.7	5.5	-2.2	0.01	0.00	-0.01	1.6	W
2/26/2024 14:41:00	7.7	5.5	-2.2	0.01	0.00	-0.01	1.7	W
2/26/2024 14:42:00	7.6	5.5	-2.2	0.01	0.00	-0.01	1.9	W
2/26/2024 14:43:00	7.6	5.5	-2.2	0.01	0.00	-0.01	2.0	W
2/26/2024 14:44:00	7.7	5.5	-2.2	0.01	0.00	-0.01	2.1	W
2/26/2024 14:45:00	7.7	5.4	-2.3	0.01	0.00	-0.01	2.2	WNW
2/26/2024 14:46:00	7.7	5.4	-2.3	0.01	0.00	-0.01	2.3	W
2/26/2024 14:47:00	7.7	5.4	-2.3	0.01	0.00	-0.01	2.3	W
2/26/2024 14:48:00	7.7	5.4	-2.3	0.01	0.00	-0.01	2.4	W
2/26/2024 14:49:00	7.7	5.5	-2.2	0.01	0.00	-0.01	2.4	W
2/26/2024 14:50:00	7.7	5.5	-2.2	0.01	0.00	-0.01	2.5	WSW
2/26/2024 14:51:00	7.8	5.5	-2.2	0.01	0.00	-0.01	2.5	W
2/26/2024 14:52:00	7.8	5.6	-2.2	0.01	0.00	-0.01	2.5	WSW
2/26/2024 14:53:00	7.8	5.6	-2.2	0.01	0.00	-0.01	2.4	W
2/26/2024 14:54:00	7.9	5.6	-2.3	0.01	0.00	-0.01	2.4	W
2/26/2024 14:55:00	7.9	5.6	-2.3	0.01	0.00	-0.01	2.4	SW
2/26/2024 14:56:00	8.0	5.6	-2.4	0.01	0.00	-0.01	2.4	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
2/26/2024 14:57:00	8.1	5.6	-2.5	0.01	0.00	-0.01	2.3	W
2/26/2024 14:58:00	8.2	5.6	-2.6	0.01	0.00	-0.01	2.2	W
2/26/2024 14:59:00	8.3	5.6	-2.7	0.01	0.00	-0.01	2.2	W
2/26/2024 15:00:00	8.3	5.6	-2.7	0.01	0.00	-0.01	2.3	W
2/26/2024 15:01:00	8.3	5.6	-2.7	0.01	0.00	-0.01	2.3	W
2/26/2024 15:02:00	8.3	5.6	-2.7	0.01	0.00	-0.01	2.2	W
2/26/2024 15:03:00	8.4	5.8	-2.5	0.01	0.00	-0.01	2.2	WNW
2/26/2024 15:04:00	8.6	6.3	-2.3	0.01	0.00	-0.01	2.2	W
2/26/2024 15:05:00				0.01	0.00	-0.01	2.2	WNW
2/26/2024 15:06:00				0.01	0.00	-0.01	2.2	W
2/26/2024 15:07:00				0.01	0.00	-0.01	2.2	W
2/26/2024 15:08:00				0.01	0.00	-0.01	2.1	W
2/26/2024 15:09:00	14.8	34.3	19.5	0.01	0.00	-0.01	2.1	NNW
2/26/2024 15:10:00	17.2	23.8	6.5	0.01	0.00	-0.01	2.1	W
2/26/2024 15:11:00	16.4	19.3	2.9	0.01	0.00	-0.01	2.2	W