

DAILY FIELD REPORT 197

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	February 27, 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) Hamed Gholizadeh Touchaei (Geotechnical)
Construction Manager: Consigli Construction Co., Inc. (Consigli) Foundation Contractor: Urban Foundation/Engineering (Urban)	

Work Activities Performed:

- Urban continued excavating an about 30-foot-long by 25-foot-wide area to about 3 feet below grade surface (bgs) in the central eastern part of grid WC05_0-5 to facilitate the installation of support of excavation and formwork for caisson caps. Excavated soil/fill was live-loaded for export to the Clean Earth of Carteret facility in Carteret, NJ.
- Urban graded an about 20-foot-long by about 20-foot-wide area in the central parts of grids WC04 and WC05 to mobilize equipment.
- Excavated and graded material consisted of non-native soil; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a release were not observed.
- 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	285	5,700	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.

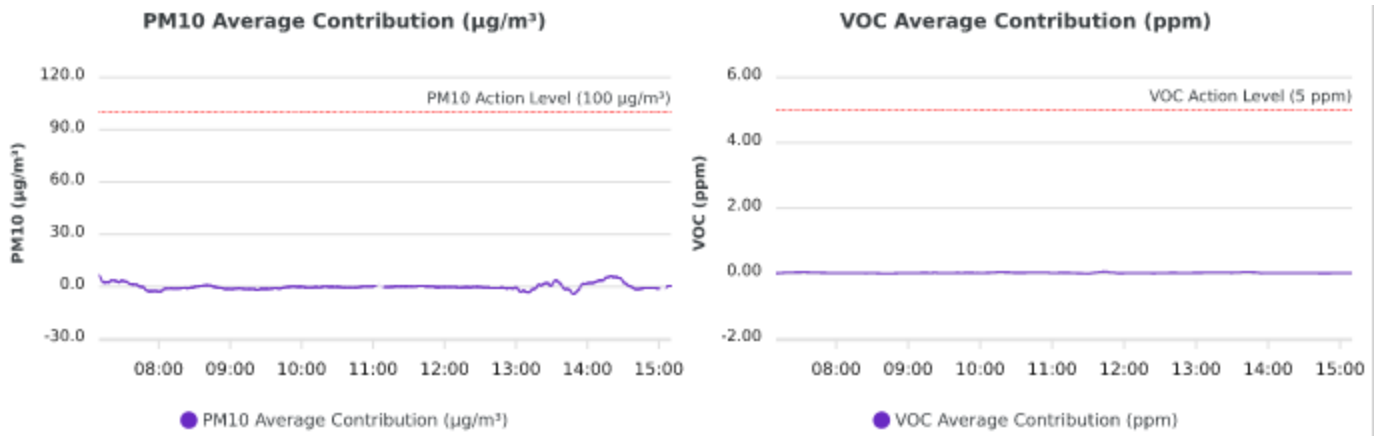
Air Monitoring:

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	27.1	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-4.2	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	6.7	VOC Average Site Contribution (Maximum)	0.06

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

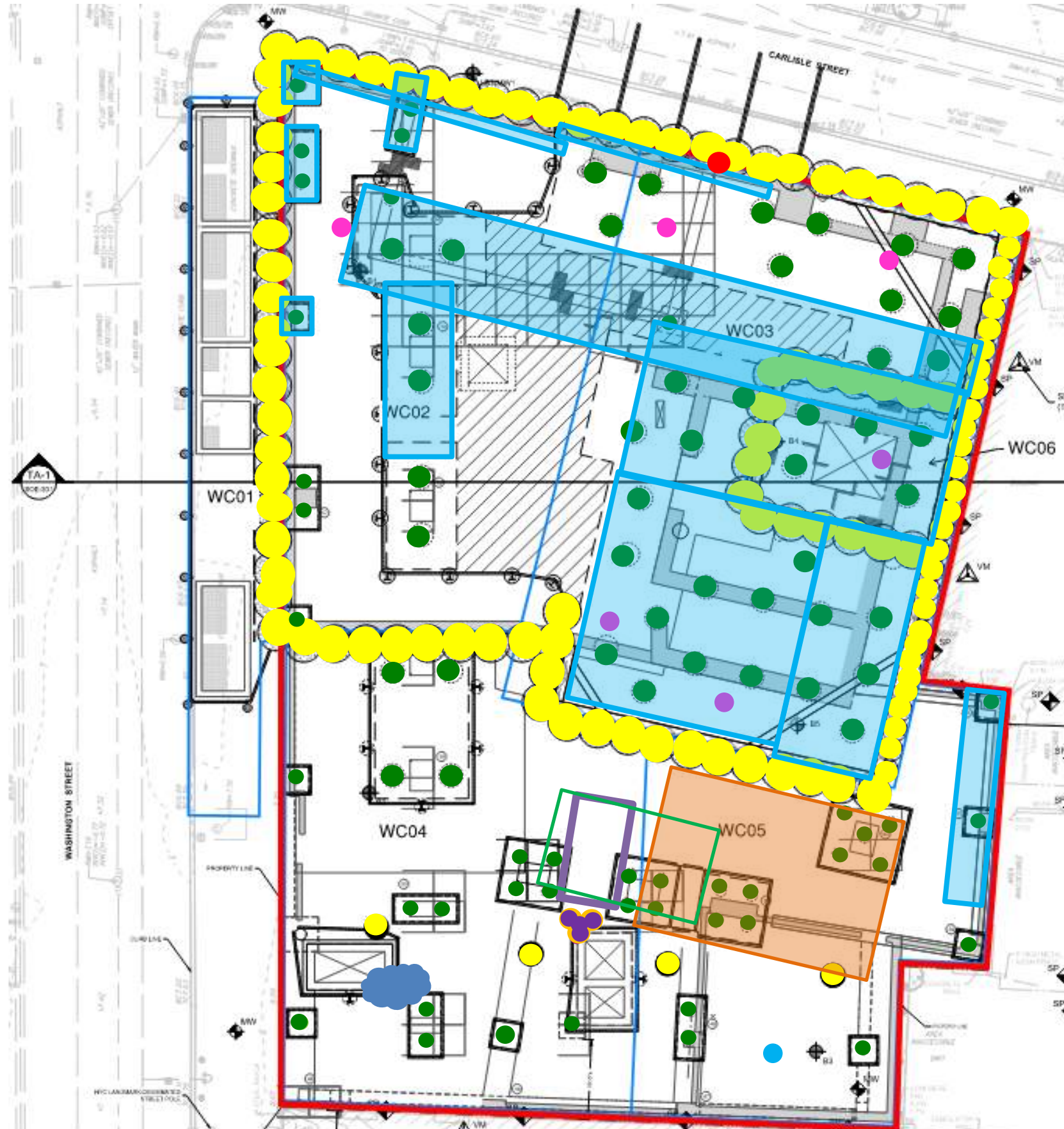
ppm: parts per million.



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

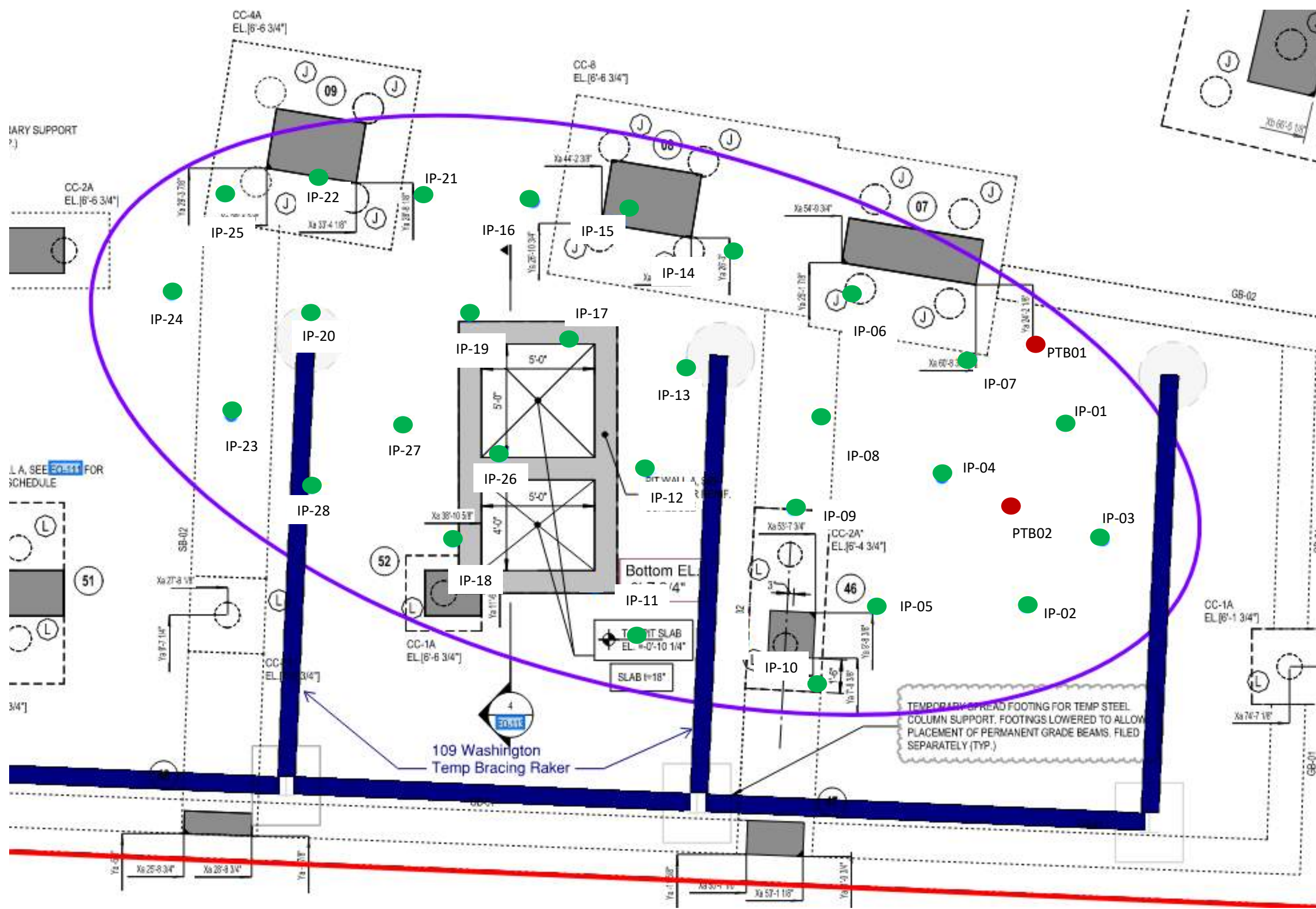


Photo Log

Photo 1: Urban grading soil/fill for equipment mobilization in grid WC05 (facing northeast).



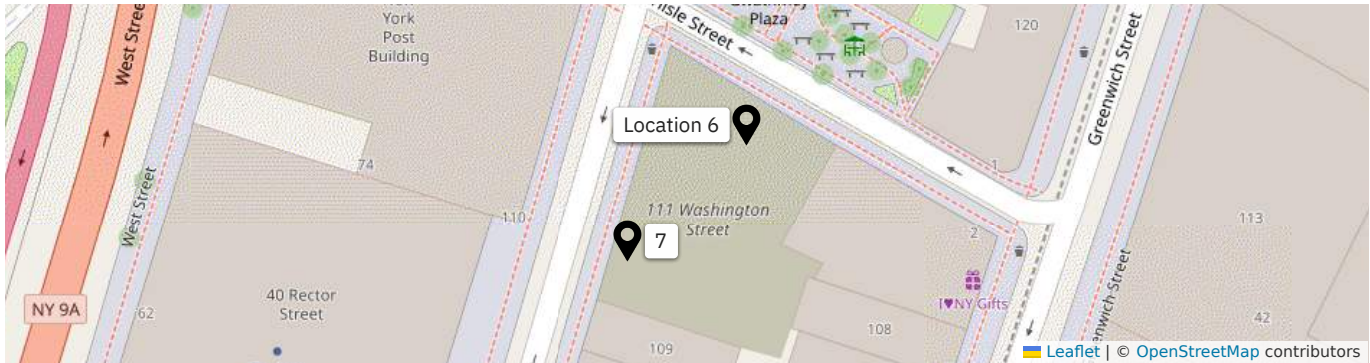
Photo 2: View of Urban loading truck for export (facing southeast).



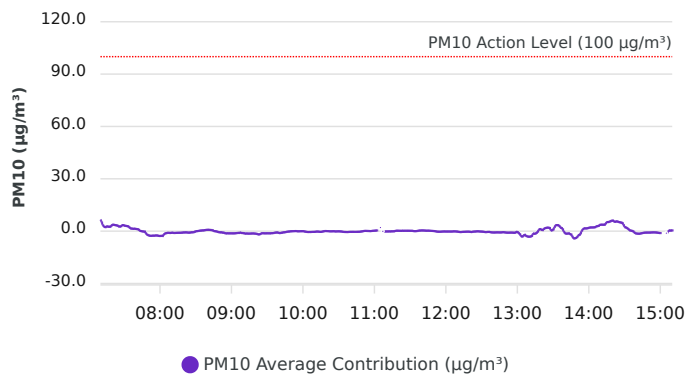
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	2/27/2024 06:00
		To:	2/27/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
2/27/2024	0.2-4.4	E

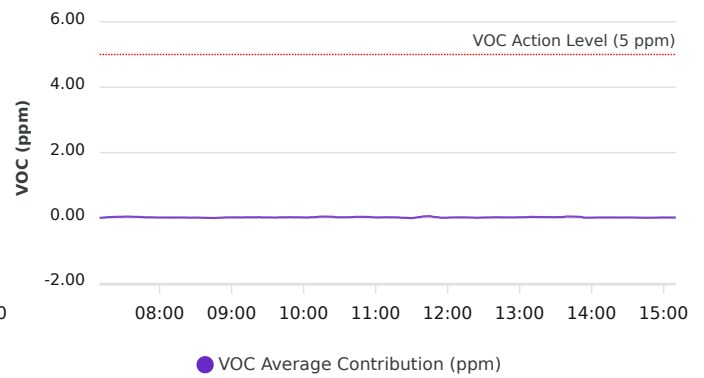
Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 2/27/2024	-4.2	13:47	-0.01	11:30
Max Contribution (15 min avg.) - 2/27/2024	6.7	07:10	0.06	11:45



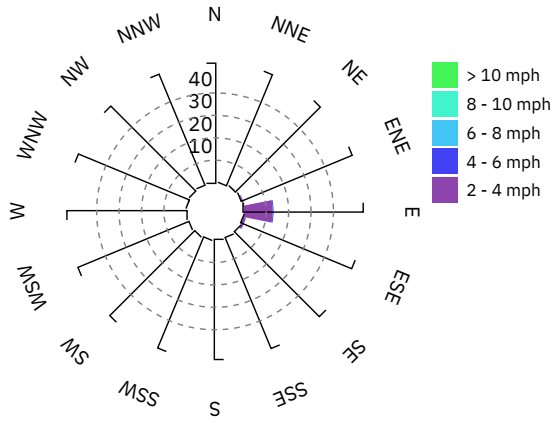
PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)



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
2/27/2024 07:10:00	27.1	33.8	6.7	0.00	0.01	0.01	1.6	E
2/27/2024 07:11:00	26.1	30.8	4.7	0.00	0.01	0.01	1.6	ENE
2/27/2024 07:12:00	24.7	27.8	3.1	0.00	0.01	0.01	1.9	E
2/27/2024 07:13:00	23.5	25.9	2.4	0.00	0.01	0.01	1.9	E
2/27/2024 07:14:00	22.5	24.7	2.2	0.00	0.02	0.02	2.2	E
2/27/2024 07:15:00	21.5	24.3	2.8	0.00	0.02	0.02	2.3	E
2/27/2024 07:16:00	20.7	23.2	2.6	0.00	0.03	0.03	2.4	E
2/27/2024 07:17:00	20.0	22.5	2.5	0.00	0.03	0.03	2.3	E
2/27/2024 07:18:00	19.3	21.8	2.5	0.00	0.03	0.03	2.3	E
2/27/2024 07:19:00	18.7	22.0	3.3	0.00	0.03	0.03	2.2	E
2/27/2024 07:20:00	18.4	22.1	3.7	0.00	0.03	0.03	2.2	E
2/27/2024 07:21:00	18.0	21.6	3.6	0.00	0.03	0.03	2.2	E
2/27/2024 07:22:00	17.6	21.1	3.5	0.00	0.04	0.04	2.2	E
2/27/2024 07:23:00	17.3	20.6	3.4	0.00	0.04	0.04	2.2	E
2/27/2024 07:24:00	17.0	20.1	3.2	0.00	0.04	0.04	2.1	E
2/27/2024 07:25:00	16.0	18.7	2.7	0.00	0.04	0.04	2.1	ESE
2/27/2024 07:26:00	15.2	17.7	2.5	0.00	0.04	0.04	2.0	NNE
2/27/2024 07:27:00	14.6	17.4	2.8	0.00	0.04	0.04	1.9	ENE
2/27/2024 07:28:00	14.1	17.5	3.4	0.00	0.04	0.04	1.8	E
2/27/2024 07:29:00	13.7	17.2	3.5	0.00	0.04	0.04	1.7	NE
2/27/2024 07:30:00	13.6	16.7	3.1	0.00	0.04	0.04	1.6	E
2/27/2024 07:31:00	13.4	16.4	3.0	0.00	0.04	0.04	1.5	ENE
2/27/2024 07:32:00	13.4	16.3	2.9	0.00	0.04	0.04	1.5	E
2/27/2024 07:33:00	13.5	16.3	2.8	0.00	0.04	0.04	1.4	E
2/27/2024 07:34:00	13.6	15.7	2.1	0.00	0.04	0.04	1.4	ENE
2/27/2024 07:35:00	13.5	15.1	1.6	0.00	0.04	0.04	1.3	E
2/27/2024 07:36:00	13.5	14.9	1.4	0.00	0.04	0.04	1.4	E
2/27/2024 07:37:00	13.5	14.8	1.3	0.00	0.04	0.04	1.4	ESE
2/27/2024 07:38:00	13.6	15.0	1.4	0.00	0.04	0.04	1.4	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
2/27/2024 07:39:00	13.6	14.9	1.3	0.00	0.04	0.04	1.5	E
2/27/2024 07:40:00	13.7	14.8	1.2	0.00	0.04	0.04	1.6	E
2/27/2024 07:41:00	13.7	14.8	1.1	0.00	0.04	0.04	1.7	E
2/27/2024 07:42:00	13.7	14.5	0.8	0.00	0.04	0.04	1.8	ESE
2/27/2024 07:43:00	13.6	13.8	0.1	0.00	0.04	0.04	1.9	ESE
2/27/2024 07:44:00	13.5	13.5	0.0	0.00	0.04	0.04	1.9	NE
2/27/2024 07:45:00	13.4	13.3	-0.1	0.00	0.03	0.03	1.9	E
2/27/2024 07:46:00	13.3	13.0	-0.3	0.00	0.03	0.03	2.0	E
2/27/2024 07:47:00	13.4	13.1	-0.2	0.00	0.03	0.03	1.9	E
2/27/2024 07:48:00	14.9	13.6	-1.4	0.00	0.02	0.02	2.0	E
2/27/2024 07:49:00	15.9	13.9	-2.1	0.00	0.02	0.02	1.9	E
2/27/2024 07:50:00	16.4	14.0	-2.4	0.00	0.02	0.02	1.9	ESE
2/27/2024 07:51:00	16.7	14.0	-2.6	0.00	0.02	0.02	1.8	ESE
2/27/2024 07:52:00	16.9	14.1	-2.8	0.00	0.02	0.02	1.7	ESE
2/27/2024 07:53:00	16.9	14.3	-2.6	0.00	0.02	0.02	1.7	E
2/27/2024 07:54:00	17.0	14.4	-2.6	0.00	0.02	0.02	1.6	ENE
2/27/2024 07:55:00	17.1	14.5	-2.7	0.00	0.02	0.02	1.6	E
2/27/2024 07:56:00	17.1	14.6	-2.4	0.00	0.02	0.02	1.5	WSW
2/27/2024 07:57:00	17.2	14.7	-2.5	0.00	0.02	0.02	1.3	E
2/27/2024 07:58:00	17.4	14.8	-2.6	0.00	0.02	0.02	1.3	E
2/27/2024 07:59:00	17.6	14.8	-2.8	0.00	0.02	0.02	1.3	ESE
2/27/2024 08:00:00	17.8	15.0	-2.8	0.00	0.02	0.02	1.3	NNE
2/27/2024 08:01:00	17.9	15.2	-2.6	0.00	0.02	0.02	1.2	NE
2/27/2024 08:02:00	17.8	14.9	-2.9	0.00	0.02	0.02	1.2	ENE
2/27/2024 08:03:00	16.1	14.3	-1.8	0.00	0.02	0.02	1.2	ENE
2/27/2024 08:04:00	15.2	13.9	-1.3	0.00	0.02	0.02	1.2	E
2/27/2024 08:05:00	14.8	13.6	-1.1	0.00	0.02	0.02	1.2	E
2/27/2024 08:06:00	14.5	13.6	-1.0	0.00	0.02	0.02	1.3	ENE
2/27/2024 08:07:00	14.4	13.5	-1.0	0.00	0.02	0.02	1.4	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
2/27/2024 08:08:00	14.4	13.3	-1.1	0.00	0.02	0.02	1.3	E
2/27/2024 08:09:00	14.3	13.3	-1.0	0.00	0.02	0.02	1.3	E
2/27/2024 08:10:00	14.3	13.5	-0.8	0.00	0.02	0.01	1.3	W
2/27/2024 08:11:00	14.4	13.4	-1.1	0.00	0.02	0.02	1.4	NNE
2/27/2024 08:12:00	14.4	13.3	-1.1	0.00	0.02	0.02	1.4	E
2/27/2024 08:13:00	14.3	13.2	-1.0	0.00	0.02	0.02	1.4	E
2/27/2024 08:14:00	14.2	13.2	-1.0	0.00	0.02	0.02	1.4	E
2/27/2024 08:15:00	14.2	13.2	-1.0	0.00	0.02	0.02	1.4	NNE
2/27/2024 08:16:00	14.2	13.2	-0.9	0.00	0.02	0.02	1.5	E
2/27/2024 08:17:00	14.2	13.2	-1.0	0.00	0.02	0.02	1.5	ENE
2/27/2024 08:18:00	14.1	13.2	-0.9	0.00	0.02	0.02	1.5	ESE
2/27/2024 08:19:00	14.1	13.3	-0.8	0.00	0.02	0.02	1.4	ESE
2/27/2024 08:20:00	14.1	13.3	-0.8	0.00	0.02	0.02	1.4	SE
2/27/2024 08:21:00	14.1	13.4	-0.7	0.00	0.02	0.02	1.4	E
2/27/2024 08:22:00	14.1	13.5	-0.7	0.00	0.02	0.02	1.3	ESE
2/27/2024 08:23:00	14.1	13.2	-0.9	0.00	0.02	0.01	1.2	WSW
2/27/2024 08:24:00	14.1	13.2	-0.9	0.01	0.02	0.01	1.2	SW
2/27/2024 08:25:00	14.1	13.3	-0.8	0.00	0.02	0.01	1.1	NW
2/27/2024 08:26:00	14.1	13.5	-0.6	0.00	0.02	0.01	1.0	NE
2/27/2024 08:27:00	14.2	13.5	-0.7	0.00	0.02	0.01	1.0	ESE
2/27/2024 08:28:00	14.2	13.6	-0.6	0.00	0.02	0.01	0.9	NE
2/27/2024 08:29:00	14.3	14.0	-0.3	0.00	0.02	0.01	0.9	ESE
2/27/2024 08:30:00	14.4	14.4	0.0	0.00	0.02	0.01	0.9	E
2/27/2024 08:31:00	14.4	14.5	0.0	0.00	0.02	0.01	0.8	E
2/27/2024 08:32:00	14.5	14.6	0.1	0.00	0.02	0.02	0.8	E
2/27/2024 08:33:00	14.5	14.8	0.3	0.01	0.02	0.01	0.8	SW
2/27/2024 08:34:00	14.6	14.9	0.3	0.01	0.02	0.01	0.8	WSW
2/27/2024 08:35:00	14.6	15.0	0.4	0.01	0.02	0.01	0.8	SE
2/27/2024 08:36:00	14.7	15.2	0.4	0.01	0.02	0.01	0.8	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/27/2024 08:37:00	14.8	15.4	0.5	0.01	0.01	0.01	0.8	W
2/27/2024 08:38:00	15.0	15.7	0.7	0.01	0.01	0.01	0.8	S
2/27/2024 08:39:00	15.1	15.8	0.7	0.01	0.01	0.01	0.8	S
2/27/2024 08:40:00	15.2	15.9	0.8	0.01	0.01	0.01	0.9	S
2/27/2024 08:41:00	15.3	16.0	0.7	0.01	0.01	0.01	0.9	SW
2/27/2024 08:42:00	15.4	16.1	0.7	0.01	0.01	0.00	0.9	ESE
2/27/2024 08:43:00	15.6	16.2	0.6	0.01	0.01	0.00	1.0	ESE
2/27/2024 08:44:00	15.8	16.2	0.4	0.01	0.01	0.00	1.0	ESE
2/27/2024 08:45:00	16.0	16.1	0.0	0.01	0.01	0.00	1.0	E
2/27/2024 08:46:00	16.3	16.2	0.0	0.01	0.01	0.00	1.1	E
2/27/2024 08:47:00	16.5	16.4	-0.1	0.01	0.01	0.00	1.1	ESE
2/27/2024 08:48:00	16.8	16.4	-0.4	0.01	0.02	0.01	1.2	E
2/27/2024 08:49:00	17.1	16.5	-0.6	0.01	0.02	0.01	1.2	ESE
2/27/2024 08:50:00	17.4	16.7	-0.7	0.01	0.02	0.01	1.2	ENE
2/27/2024 08:51:00	17.7	17.0	-0.6	0.01	0.02	0.01	1.2	E
2/27/2024 08:52:00	18.1	17.2	-0.8	0.01	0.02	0.01	1.2	SE
2/27/2024 08:53:00	18.2	17.4	-0.8	0.01	0.02	0.01	1.2	W
2/27/2024 08:54:00	18.6	17.5	-1.1	0.01	0.02	0.02	1.3	SE
2/27/2024 08:55:00	19.2	17.9	-1.3	0.01	0.03	0.02	1.3	ESE
2/27/2024 08:56:00	19.5	18.3	-1.2	0.01	0.03	0.02	1.3	WNW
2/27/2024 08:57:00	20.0	18.7	-1.3	0.01	0.03	0.02	1.3	NNW
2/27/2024 08:58:00	20.5	19.3	-1.3	0.01	0.03	0.02	1.3	E
2/27/2024 08:59:00	21.1	19.9	-1.2	0.01	0.03	0.02	1.3	ESE
2/27/2024 09:00:00	21.7	20.5	-1.3	0.01	0.03	0.02	1.2	SE
2/27/2024 09:01:00	22.4	21.1	-1.3	0.00	0.03	0.02	1.1	ESE
2/27/2024 09:02:00	23.0	21.7	-1.3	0.00	0.03	0.02	1.2	E
2/27/2024 09:03:00	23.7	22.5	-1.2	0.00	0.03	0.02	1.1	ENE
2/27/2024 09:04:00	24.3	23.2	-1.1	0.00	0.03	0.02	1.1	ENE
2/27/2024 09:05:00	24.9	23.9	-1.0	0.00	0.03	0.02	1.1	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
2/27/2024 09:06:00	25.5	24.4	-1.1	0.00	0.03	0.02	1.0	E
2/27/2024 09:07:00	25.9	25.1	-0.8	0.01	0.02	0.02	1.1	SW
2/27/2024 09:08:00	26.6	25.5	-1.1	0.00	0.03	0.02	1.0	E
2/27/2024 09:09:00	27.1	26.1	-1.1	0.00	0.03	0.02	1.0	E
2/27/2024 09:10:00	27.6	26.5	-1.1	0.00	0.03	0.02	0.9	ENE
2/27/2024 09:11:00	28.2	26.7	-1.5	0.00	0.03	0.03	0.9	ENE
2/27/2024 09:12:00	28.5	27.2	-1.3	0.00	0.03	0.02	0.9	E
2/27/2024 09:13:00	28.7	27.4	-1.4	0.00	0.03	0.02	0.9	E
2/27/2024 09:14:00	28.8	27.4	-1.4	0.00	0.03	0.02	0.9	E
2/27/2024 09:15:00	28.8	27.4	-1.4	0.00	0.03	0.02	0.9	E
2/27/2024 09:16:00	28.7	27.4	-1.4	0.00	0.03	0.02	0.9	E
2/27/2024 09:17:00	28.6	27.3	-1.3	0.00	0.03	0.02	0.9	E
2/27/2024 09:18:00	28.4	27.1	-1.3	0.00	0.03	0.02	0.8	ESE
2/27/2024 09:19:00	28.2	26.8	-1.4	0.00	0.03	0.02	0.8	N
2/27/2024 09:20:00	28.0	26.5	-1.5	0.00	0.03	0.02	0.8	ESE
2/27/2024 09:21:00	27.7	26.1	-1.6	0.00	0.03	0.02	0.9	E
2/27/2024 09:22:00	27.5	25.7	-1.9	0.00	0.03	0.03	1.0	E
2/27/2024 09:23:00	27.2	25.3	-1.9	0.00	0.03	0.03	1.0	ENE
2/27/2024 09:24:00	26.7	25.1	-1.6	0.00	0.03	0.02	0.9	NW
2/27/2024 09:25:00	26.1	25.0	-1.2	0.00	0.02	0.02	0.9	SSW
2/27/2024 09:26:00	25.8	24.6	-1.2	0.00	0.03	0.02	0.9	SE
2/27/2024 09:27:00	25.4	24.1	-1.2	0.00	0.03	0.02	0.9	ENE
2/27/2024 09:28:00	25.0	23.7	-1.3	0.00	0.03	0.02	0.9	ESE
2/27/2024 09:29:00	24.6	23.3	-1.2	0.00	0.03	0.02	0.9	E
2/27/2024 09:30:00	24.1	22.9	-1.2	0.00	0.03	0.02	0.9	E
2/27/2024 09:31:00	23.7	22.5	-1.2	0.00	0.03	0.02	0.9	E
2/27/2024 09:32:00	23.3	22.0	-1.3	0.00	0.03	0.02	0.9	E
2/27/2024 09:33:00	22.9	21.7	-1.2	0.01	0.02	0.02	0.9	S
2/27/2024 09:34:00	22.5	21.3	-1.1	0.01	0.02	0.02	0.9	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/27/2024 09:35:00	22.1	21.1	-1.1	0.01	0.02	0.02	0.9	E
2/27/2024 09:36:00	21.7	20.8	-0.9	0.01	0.02	0.02	0.8	ESE
2/27/2024 09:37:00	21.3	20.6	-0.8	0.01	0.02	0.02	0.8	E
2/27/2024 09:38:00	21.0	20.3	-0.7	0.01	0.02	0.02	0.8	E
2/27/2024 09:39:00	20.8	19.9	-0.9	0.00	0.03	0.02	0.8	E
2/27/2024 09:40:00	20.6	19.5	-1.2	0.00	0.03	0.03	0.8	E
2/27/2024 09:41:00	20.3	19.3	-1.0	0.00	0.03	0.03	0.8	E
2/27/2024 09:42:00	20.0	19.1	-0.9	0.00	0.03	0.03	0.8	E
2/27/2024 09:43:00	19.7	19.0	-0.7	0.00	0.03	0.02	0.8	WNW
2/27/2024 09:44:00	19.4	18.8	-0.7	0.00	0.03	0.02	0.8	ENE
2/27/2024 09:45:00	19.2	18.6	-0.6	0.00	0.03	0.02	0.8	ESE
2/27/2024 09:46:00	18.9	18.5	-0.4	0.00	0.03	0.02	0.7	E
2/27/2024 09:47:00	18.7	18.5	-0.3	0.00	0.03	0.02	0.8	ESE
2/27/2024 09:48:00	18.6	18.3	-0.2	0.00	0.03	0.03	0.8	E
2/27/2024 09:49:00	18.4	18.3	-0.1	0.00	0.03	0.03	0.8	E
2/27/2024 09:50:00	18.1	18.1	-0.1	0.00	0.03	0.02	0.8	W
2/27/2024 09:51:00	17.9	17.9	0.0	0.00	0.03	0.02	0.7	NNW
2/27/2024 09:52:00	17.7	17.7	0.0	0.00	0.03	0.02	0.8	E
2/27/2024 09:53:00	17.5	17.5	0.1	0.00	0.03	0.02	0.8	E
2/27/2024 09:54:00	17.2	17.3	0.1	0.00	0.03	0.02	0.9	E
2/27/2024 09:55:00	17.0	16.9	-0.1	0.00	0.03	0.02	0.9	ESE
2/27/2024 09:56:00	16.8	16.7	-0.1	0.00	0.03	0.02	0.9	E
2/27/2024 09:57:00	16.6	16.6	0.0	0.00	0.03	0.02	0.9	E
2/27/2024 09:58:00	16.4	16.4	0.0	0.00	0.03	0.03	0.9	ESE
2/27/2024 09:59:00	16.2	16.2	0.0	0.00	0.02	0.02	1.0	SSE
2/27/2024 10:00:00	16.1	16.1	0.0	0.00	0.02	0.02	1.0	ESE
2/27/2024 10:01:00	16.1	15.9	-0.2	0.00	0.02	0.02	0.9	E
2/27/2024 10:02:00	16.1	15.7	-0.3	0.00	0.02	0.02	1.0	ESE
2/27/2024 10:03:00	16.0	15.5	-0.5	0.00	0.02	0.02	0.9	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/27/2024 10:04:00	15.9	15.4	-0.5	0.00	0.02	0.02	0.9	E
2/27/2024 10:05:00	15.7	15.2	-0.5	0.00	0.03	0.03	1.0	E
2/27/2024 10:06:00	15.6	15.1	-0.5	0.00	0.03	0.03	1.0	E
2/27/2024 10:07:00	15.6	15.1	-0.5	0.00	0.03	0.03	1.0	ENE
2/27/2024 10:08:00	15.5	15.1	-0.4	0.00	0.03	0.03	0.9	E
2/27/2024 10:09:00	15.5	15.1	-0.4	0.00	0.03	0.03	0.8	E
2/27/2024 10:10:00	15.6	15.2	-0.4	0.00	0.03	0.03	0.8	ESE
2/27/2024 10:11:00	15.6	15.3	-0.3	0.00	0.04	0.03	0.8	ENE
2/27/2024 10:12:00	15.7	15.5	-0.2	0.00	0.04	0.04	0.9	E
2/27/2024 10:13:00	15.8	15.5	-0.3	0.00	0.04	0.04	1.0	ESE
2/27/2024 10:14:00	16.0	15.5	-0.4	0.00	0.04	0.04	1.0	E
2/27/2024 10:15:00	16.0	15.6	-0.4	0.00	0.04	0.04	1.0	ENE
2/27/2024 10:16:00	15.9	15.7	-0.3	0.00	0.04	0.04	1.1	E
2/27/2024 10:17:00	15.8	15.7	-0.1	0.00	0.04	0.04	1.3	ESE
2/27/2024 10:18:00	15.8	15.9	0.1	0.00	0.04	0.04	1.3	E
2/27/2024 10:19:00	15.8	15.9	0.1	0.00	0.04	0.04	1.3	NNW
2/27/2024 10:20:00	15.8	15.8	0.0	0.00	0.04	0.04	1.3	E
2/27/2024 10:21:00	15.8	15.8	0.0	0.00	0.04	0.04	1.3	E
2/27/2024 10:22:00	15.8	15.7	-0.1	0.00	0.04	0.04	1.3	ENE
2/27/2024 10:23:00	15.8	15.6	-0.1	0.00	0.04	0.04	1.4	E
2/27/2024 10:24:00	15.6	15.5	-0.1	0.00	0.04	0.04	1.4	E
2/27/2024 10:25:00	15.5	15.4	0.0	0.00	0.04	0.04	1.4	ENE
2/27/2024 10:26:00	15.3	15.3	-0.1	0.00	0.04	0.03	1.4	NW
2/27/2024 10:27:00	15.1	14.9	-0.2	0.00	0.03	0.03	1.3	ENE
2/27/2024 10:28:00	14.9	14.8	-0.1	0.01	0.03	0.02	1.2	WSW
2/27/2024 10:29:00	14.7	14.6	-0.1	0.01	0.03	0.02	1.2	ESE
2/27/2024 10:30:00	14.6	14.5	-0.1	0.01	0.03	0.03	1.2	E
2/27/2024 10:31:00	14.5	14.3	-0.2	0.01	0.03	0.03	1.1	SE
2/27/2024 10:32:00	14.3	14.2	-0.2	0.01	0.03	0.03	0.9	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/27/2024 10:33:00	14.3	13.9	-0.4	0.01	0.03	0.03	0.9	E
2/27/2024 10:34:00	14.3	13.8	-0.5	0.01	0.03	0.03	0.9	ENE
2/27/2024 10:35:00	14.3	13.8	-0.5	0.01	0.03	0.03	0.9	SE
2/27/2024 10:36:00	14.3	13.8	-0.5	0.01	0.03	0.03	1.0	E
2/27/2024 10:37:00	14.3	13.8	-0.5	0.01	0.03	0.03	0.9	SE
2/27/2024 10:38:00	14.4	13.9	-0.5	0.01	0.03	0.03	0.9	ESE
2/27/2024 10:39:00	14.5	14.1	-0.4	0.01	0.03	0.03	0.9	SE
2/27/2024 10:40:00	14.8	14.3	-0.4	0.01	0.03	0.03	0.9	N
2/27/2024 10:41:00	14.9	14.5	-0.4	0.00	0.04	0.03	0.9	ESE
2/27/2024 10:42:00	15.0	14.6	-0.4	0.00	0.04	0.03	0.9	ENE
2/27/2024 10:43:00	15.1	14.6	-0.5	0.00	0.04	0.04	0.9	E
2/27/2024 10:44:00	15.1	14.7	-0.4	0.00	0.04	0.04	0.9	E
2/27/2024 10:45:00	15.1	14.7	-0.4	0.00	0.04	0.04	0.9	SE
2/27/2024 10:46:00	15.1	14.7	-0.4	0.00	0.04	0.04	0.9	ENE
2/27/2024 10:47:00	15.1	14.7	-0.4	0.00	0.04	0.04	0.9	E
2/27/2024 10:48:00	15.0	14.7	-0.3	0.00	0.04	0.04	0.9	E
2/27/2024 10:49:00	14.9	14.8	-0.2	0.00	0.04	0.04	0.9	ENE
2/27/2024 10:50:00	14.8	14.8	0.0	0.00	0.04	0.04	0.9	E
2/27/2024 10:51:00	14.7	14.8	0.1	0.00	0.04	0.04	1.0	E
2/27/2024 10:52:00	14.6	14.7	0.1	0.00	0.04	0.04	1.1	E
2/27/2024 10:53:00	14.5	14.6	0.1	0.00	0.03	0.03	1.1	E
2/27/2024 10:54:00	14.3	14.4	0.1	0.00	0.03	0.03	1.1	NE
2/27/2024 10:55:00	14.2	14.3	0.1	0.00	0.03	0.03	1.1	ENE
2/27/2024 10:56:00	14.0	14.1	0.0	0.00	0.03	0.03	1.0	W
2/27/2024 10:57:00	13.9	14.0	0.1	0.00	0.03	0.03	1.0	E
2/27/2024 10:58:00	13.8	13.9	0.2	0.00	0.03	0.02	1.0	SW
2/27/2024 10:59:00	13.8	13.9	0.2	0.00	0.03	0.02	1.0	ESE
2/27/2024 11:00:00	13.7	13.9	0.3	0.00	0.03	0.02	1.0	E
2/27/2024 11:01:00	13.7	14.0	0.3	0.00	0.03	0.02	1.0	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
2/27/2024 11:02:00	13.7	14.1	0.4	0.00	0.03	0.02	1.0	E
2/27/2024 11:03:00				0.00	0.03	0.02	1.0	E
2/27/2024 11:04:00				0.00	0.03	0.02	0.9	E
2/27/2024 11:05:00	13.9	16.0	2.0	0.00	0.03	0.02	0.9	ENE
2/27/2024 11:06:00				0.00	0.03	0.02	0.8	ENE
2/27/2024 11:07:00	16.0	16.0	-0.1	0.00	0.03	0.03	0.7	NE
2/27/2024 11:08:00	16.3	16.0	-0.3	0.00	0.03	0.03	0.7	ESE
2/27/2024 11:09:00	16.1	15.9	-0.1	0.01	0.03	0.02	0.7	WNW
2/27/2024 11:10:00	16.1	15.9	-0.2	0.01	0.03	0.02	0.7	ESE
2/27/2024 11:11:00	16.0	15.8	-0.2	0.01	0.03	0.02	0.8	SW
2/27/2024 11:12:00	15.9	15.8	-0.1	0.01	0.03	0.02	0.8	E
2/27/2024 11:13:00	15.8	15.7	-0.2	0.01	0.03	0.02	0.8	WSW
2/27/2024 11:14:00	15.7	15.6	-0.1	0.01	0.03	0.02	0.8	E
2/27/2024 11:15:00	15.6	15.6	-0.1	0.01	0.03	0.03	0.8	E
2/27/2024 11:16:00	15.7	15.5	-0.1	0.01	0.03	0.02	0.8	SW
2/27/2024 11:17:00	15.6	15.7	0.1	0.01	0.03	0.02	0.9	ESE
2/27/2024 11:18:00	15.6	15.9	0.2	0.01	0.03	0.02	0.9	ESE
2/27/2024 11:19:00	15.7	15.9	0.2	0.01	0.03	0.02	0.9	E
2/27/2024 11:20:00	15.7	15.9	0.2	0.01	0.03	0.02	0.9	W
2/27/2024 11:21:00	15.7	15.9	0.2	0.02	0.03	0.01	0.9	SSE
2/27/2024 11:22:00	15.6	15.8	0.1	0.02	0.03	0.01	0.9	ESE
2/27/2024 11:23:00	15.5	15.8	0.3	0.02	0.03	0.01	0.9	E
2/27/2024 11:24:00	15.6	15.8	0.2	0.02	0.03	0.01	0.9	SW
2/27/2024 11:25:00	15.6	15.8	0.2	0.02	0.03	0.00	0.9	WSW
2/27/2024 11:26:00	15.5	15.7	0.2	0.02	0.03	0.01	0.9	ENE
2/27/2024 11:27:00	15.5	15.7	0.2	0.02	0.03	0.00	0.8	WSW
2/27/2024 11:28:00	15.4	15.6	0.2	0.03	0.03	0.00	0.8	WSW
2/27/2024 11:29:00	15.4	15.6	0.2	0.03	0.03	0.00	0.8	ENE
2/27/2024 11:30:00	15.4	15.5	0.1	0.03	0.03	-0.01	0.8	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
2/27/2024 11:31:00	15.3	15.5	0.2	0.03	0.03	0.00	0.8	ESE
2/27/2024 11:32:00	15.3	15.3	0.1	0.03	0.04	0.01	0.9	E
2/27/2024 11:33:00	15.1	15.1	0.0	0.03	0.04	0.01	0.9	ESE
2/27/2024 11:34:00	14.9	14.9	0.0	0.03	0.05	0.02	0.9	E
2/27/2024 11:35:00	14.8	14.8	0.1	0.03	0.05	0.03	0.9	NE
2/27/2024 11:36:00	14.7	14.8	0.1	0.02	0.05	0.03	0.9	E
2/27/2024 11:37:00	14.6	15.0	0.3	0.02	0.05	0.03	1.0	E
2/27/2024 11:38:00	14.5	14.8	0.3	0.02	0.06	0.04	0.9	ENE
2/27/2024 11:39:00	14.2	14.6	0.4	0.02	0.07	0.05	0.9	E
2/27/2024 11:40:00	14.1	14.5	0.4	0.01	0.07	0.05	1.0	E
2/27/2024 11:41:00	14.0	14.4	0.4	0.01	0.07	0.05	1.0	SE
2/27/2024 11:42:00	14.0	14.3	0.3	0.01	0.07	0.05	1.1	NW
2/27/2024 11:43:00	14.0	14.2	0.2	0.01	0.07	0.06	1.1	SE
2/27/2024 11:44:00	13.9	14.2	0.3	0.01	0.06	0.05	1.2	E
2/27/2024 11:45:00	13.8	14.1	0.3	0.00	0.07	0.06	1.2	E
2/27/2024 11:46:00	13.8	14.0	0.2	0.01	0.06	0.05	1.2	WSW
2/27/2024 11:47:00	13.8	13.9	0.1	0.01	0.05	0.04	1.2	SSE
2/27/2024 11:48:00	13.7	13.8	0.1	0.01	0.05	0.04	1.2	ESE
2/27/2024 11:49:00	13.7	13.8	0.1	0.01	0.04	0.03	1.3	E
2/27/2024 11:50:00	13.6	13.7	0.0	0.01	0.04	0.03	1.4	ESE
2/27/2024 11:51:00	13.6	13.5	0.0	0.01	0.04	0.03	1.3	NE
2/27/2024 11:52:00	13.5	13.2	-0.3	0.01	0.04	0.03	1.3	ESE
2/27/2024 11:53:00	13.4	13.1	-0.3	0.01	0.03	0.02	1.3	SSE
2/27/2024 11:54:00	13.4	13.1	-0.3	0.01	0.02	0.01	1.4	E
2/27/2024 11:55:00	13.4	13.1	-0.3	0.01	0.02	0.01	1.4	ESE
2/27/2024 11:56:00	13.3	13.0	-0.3	0.01	0.02	0.01	1.4	SE
2/27/2024 11:57:00	13.2	13.0	-0.2	0.01	0.02	0.01	1.4	S
2/27/2024 11:58:00	13.1	12.9	-0.2	0.01	0.02	0.01	1.4	SSE
2/27/2024 11:59:00	13.0	12.8	-0.2	0.01	0.02	0.01	1.3	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
2/27/2024 12:00:00	12.9	12.7	-0.2	0.01	0.02	0.01	1.3	NE
2/27/2024 12:01:00	12.9	12.7	-0.2	0.01	0.02	0.01	1.3	ESE
2/27/2024 12:02:00	12.8	12.7	-0.2	0.01	0.03	0.02	1.3	E
2/27/2024 12:03:00	12.9	12.7	-0.2	0.01	0.02	0.02	1.3	E
2/27/2024 12:04:00	12.9	12.7	-0.2	0.01	0.02	0.02	1.3	ESE
2/27/2024 12:05:00	12.9	12.7	-0.2	0.01	0.03	0.02	1.3	ESE
2/27/2024 12:06:00	12.9	12.7	-0.1	0.01	0.03	0.02	1.3	ESE
2/27/2024 12:07:00	12.8	12.7	-0.1	0.01	0.03	0.02	1.4	SE
2/27/2024 12:08:00	12.8	12.7	-0.2	0.00	0.03	0.02	1.5	ESE
2/27/2024 12:09:00	12.8	12.6	-0.2	0.00	0.03	0.02	1.4	NE
2/27/2024 12:10:00	12.9	12.5	-0.4	0.00	0.02	0.02	1.4	ESE
2/27/2024 12:11:00	12.9	12.5	-0.5	0.00	0.02	0.02	1.4	ENE
2/27/2024 12:12:00	12.9	12.4	-0.6	0.00	0.03	0.02	1.4	ESE
2/27/2024 12:13:00	12.8	12.3	-0.5	0.00	0.03	0.02	1.4	NW
2/27/2024 12:14:00	12.7	12.3	-0.4	0.00	0.02	0.02	1.4	WSW
2/27/2024 12:15:00	12.6	12.2	-0.4	0.00	0.02	0.02	1.4	NNW
2/27/2024 12:16:00	12.5	12.1	-0.3	0.00	0.02	0.02	1.4	ESE
2/27/2024 12:17:00	12.4	12.0	-0.3	0.00	0.02	0.02	1.4	E
2/27/2024 12:18:00	12.2	11.9	-0.3	0.01	0.02	0.02	1.3	WNW
2/27/2024 12:19:00	12.1	11.7	-0.3	0.01	0.02	0.02	1.3	E
2/27/2024 12:20:00	12.0	11.6	-0.4	0.01	0.02	0.02	1.3	NE
2/27/2024 12:21:00	11.9	11.4	-0.6	0.01	0.02	0.01	1.2	ENE
2/27/2024 12:22:00	11.8	11.4	-0.4	0.01	0.02	0.01	1.2	WNW
2/27/2024 12:23:00	11.6	11.4	-0.3	0.01	0.02	0.01	1.1	WSW
2/27/2024 12:24:00	11.6	11.3	-0.3	0.01	0.02	0.01	1.1	ESE
2/27/2024 12:25:00	11.4	11.3	-0.2	0.01	0.02	0.01	1.1	ESE
2/27/2024 12:26:00	11.3	11.2	-0.1	0.01	0.02	0.01	1.0	E
2/27/2024 12:27:00	11.2	11.2	-0.1	0.01	0.02	0.01	1.0	N
2/27/2024 12:28:00	11.3	11.1	-0.2	0.01	0.02	0.01	1.0	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
2/27/2024 12:29:00	11.3	11.1	-0.3	0.01	0.02	0.02	1.0	ENE
2/27/2024 12:30:00	11.4	11.2	-0.3	0.01	0.02	0.02	1.0	E
2/27/2024 12:31:00	11.5	11.2	-0.3	0.01	0.02	0.02	1.0	E
2/27/2024 12:32:00	11.7	11.2	-0.5	0.01	0.02	0.02	1.0	NE
2/27/2024 12:33:00	11.8	11.2	-0.6	0.00	0.02	0.02	1.0	E
2/27/2024 12:34:00	11.8	11.3	-0.5	0.00	0.02	0.02	1.0	ENE
2/27/2024 12:35:00	11.9	11.4	-0.5	0.00	0.02	0.02	1.0	ESE
2/27/2024 12:36:00	11.8	11.4	-0.4	0.00	0.02	0.02	1.1	ESE
2/27/2024 12:37:00	11.9	11.3	-0.6	0.00	0.02	0.02	1.1	E
2/27/2024 12:38:00	11.9	11.2	-0.7	0.00	0.03	0.03	1.1	SE
2/27/2024 12:39:00	11.8	11.1	-0.8	0.00	0.03	0.03	1.2	ESE
2/27/2024 12:40:00	11.8	11.0	-0.8	0.00	0.03	0.03	1.2	ESE
2/27/2024 12:41:00	11.7	10.9	-0.8	0.00	0.03	0.03	1.2	E
2/27/2024 12:42:00	11.7	10.9	-0.7	0.00	0.02	0.02	1.2	NNE
2/27/2024 12:43:00	11.5	10.9	-0.7	0.00	0.02	0.02	1.2	NE
2/27/2024 12:44:00	11.5	10.7	-0.7	0.00	0.02	0.02	1.1	ENE
2/27/2024 12:45:00	11.3	10.6	-0.8	0.00	0.02	0.02	1.1	E
2/27/2024 12:46:00	11.2	10.4	-0.8	0.00	0.02	0.02	1.2	E
2/27/2024 12:47:00	11.0	10.3	-0.6	0.00	0.02	0.02	1.2	E
2/27/2024 12:48:00	10.8	10.2	-0.6	0.00	0.02	0.02	1.2	ESE
2/27/2024 12:49:00	10.8	10.1	-0.7	0.00	0.02	0.02	1.2	ENE
2/27/2024 12:50:00	10.8	9.9	-0.8	0.00	0.02	0.02	1.2	ENE
2/27/2024 12:51:00	10.8	9.9	-0.9	0.00	0.02	0.02	1.2	NE
2/27/2024 12:52:00	10.8	9.9	-0.9	0.00	0.02	0.02	1.1	E
2/27/2024 12:53:00	10.9	10.0	-0.9	0.00	0.02	0.02	1.1	ESE
2/27/2024 12:54:00	10.8	10.0	-0.8	0.00	0.02	0.02	1.1	ESE
2/27/2024 12:55:00	10.9	10.0	-0.8	0.00	0.02	0.02	1.0	ESE
2/27/2024 12:56:00	10.9	10.0	-0.9	0.00	0.02	0.02	1.0	E
2/27/2024 12:57:00	10.9	10.0	-1.0	0.00	0.02	0.02	1.1	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/27/2024 12:58:00	10.9	10.0	-0.9	0.00	0.02	0.02	1.1	ENE
2/27/2024 12:59:00	10.8	10.5	-0.4	0.00	0.03	0.03	1.1	NE
2/27/2024 13:00:00	11.2	10.6	-0.6	0.00	0.03	0.03	1.1	E
2/27/2024 13:01:00	11.9	10.7	-1.2	0.00	0.03	0.03	1.0	E
2/27/2024 13:02:00	12.6	10.8	-1.8	0.00	0.03	0.03	1.0	E
2/27/2024 13:03:00	13.8	10.8	-3.0	0.00	0.03	0.03	1.0	E
2/27/2024 13:04:00	14.3	11.2	-3.1	0.00	0.03	0.03	0.9	E
2/27/2024 13:05:00	14.2	11.7	-2.5	0.00	0.03	0.03	1.0	E
2/27/2024 13:06:00	14.2	12.1	-2.0	0.00	0.03	0.03	1.0	ENE
2/27/2024 13:07:00	14.9	12.2	-2.7	0.00	0.03	0.03	1.0	E
2/27/2024 13:08:00	15.3	12.2	-3.0	0.00	0.04	0.04	1.0	E
2/27/2024 13:09:00	15.4	12.3	-3.2	0.00	0.04	0.04	1.0	E
2/27/2024 13:10:00	15.6	12.3	-3.3	0.00	0.04	0.04	1.0	ESE
2/27/2024 13:11:00	15.6	12.6	-3.0	0.00	0.04	0.04	1.1	E
2/27/2024 13:12:00	15.5	12.7	-2.7	0.00	0.03	0.03	1.1	E
2/27/2024 13:13:00	15.5	14.2	-1.3	0.00	0.03	0.03	1.2	ESE
2/27/2024 13:14:00	15.8	14.2	-1.6	0.00	0.03	0.03	1.2	ENE
2/27/2024 13:15:00	15.6	14.3	-1.4	0.00	0.03	0.03	1.4	E
2/27/2024 13:16:00	15.1	14.2	-0.9	0.00	0.03	0.03	1.4	E
2/27/2024 13:17:00	14.4	14.2	-0.2	0.00	0.03	0.03	1.4	ENE
2/27/2024 13:18:00	13.2	14.2	1.0	0.00	0.03	0.03	1.4	E
2/27/2024 13:19:00	12.6	13.9	1.2	0.00	0.03	0.03	1.4	SE
2/27/2024 13:20:00	12.6	13.3	0.8	0.00	0.03	0.03	1.5	ESE
2/27/2024 13:21:00	12.4	12.9	0.5	0.00	0.03	0.03	1.5	NE
2/27/2024 13:22:00	11.6	12.9	1.3	0.00	0.03	0.03	1.4	E
2/27/2024 13:23:00	11.2	12.9	1.7	0.00	0.03	0.03	1.5	E
2/27/2024 13:24:00	10.9	12.8	1.9	0.00	0.03	0.03	1.6	E
2/27/2024 13:25:00	10.8	12.8	2.1	0.00	0.03	0.03	1.7	E
2/27/2024 13:26:00	10.7	12.6	1.9	0.00	0.03	0.03	1.6	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
2/27/2024 13:27:00	10.7	12.4	1.8	0.00	0.03	0.03	1.6	E
2/27/2024 13:28:00	10.6	10.9	0.4	0.00	0.03	0.03	1.5	E
2/27/2024 13:29:00	10.2	10.8	0.5	0.00	0.03	0.03	1.5	ENE
2/27/2024 13:30:00	10.1	11.1	0.9	0.00	0.03	0.03	1.4	ENE
2/27/2024 13:31:00	9.8	12.3	2.4	0.00	0.03	0.03	1.3	NE
2/27/2024 13:32:00	9.7	13.2	3.5	0.00	0.03	0.03	1.4	ENE
2/27/2024 13:33:00	9.7	13.1	3.5	0.00	0.03	0.03	1.4	E
2/27/2024 13:34:00	9.6	13.0	3.4	0.00	0.03	0.03	1.4	E
2/27/2024 13:35:00	10.1	13.0	2.9	0.00	0.03	0.03	1.5	E
2/27/2024 13:36:00	11.0	13.0	2.0	0.00	0.03	0.03	1.6	E
2/27/2024 13:37:00	11.2	13.0	1.8	0.00	0.03	0.03	1.6	ENE
2/27/2024 13:38:00	12.0	13.0	1.0	0.00	0.04	0.04	1.6	E
2/27/2024 13:39:00	13.7	13.0	-0.7	0.00	0.05	0.05	1.6	E
2/27/2024 13:40:00	14.3	13.0	-1.3	0.00	0.05	0.05	1.6	ENE
2/27/2024 13:41:00	14.5	12.9	-1.6	0.00	0.05	0.05	1.6	W
2/27/2024 13:42:00	14.4	13.1	-1.3	0.00	0.05	0.05	1.7	E
2/27/2024 13:43:00	14.3	13.1	-1.3	0.00	0.05	0.05	1.6	NE
2/27/2024 13:44:00	14.4	12.7	-1.7	0.00	0.05	0.05	1.6	NNE
2/27/2024 13:45:00	14.2	12.3	-2.0	0.00	0.05	0.05	1.6	ENE
2/27/2024 13:46:00	14.2	10.9	-3.2	0.00	0.04	0.04	1.6	ESE
2/27/2024 13:47:00	14.2	9.9	-4.2	0.00	0.04	0.04	1.7	E
2/27/2024 13:48:00	14.1	10.1	-4.1	0.00	0.04	0.04	1.7	E
2/27/2024 13:49:00	14.0	10.1	-3.9	0.00	0.04	0.04	1.7	SE
2/27/2024 13:50:00	13.4	10.0	-3.4	0.00	0.04	0.04	1.6	ESE
2/27/2024 13:51:00	12.3	9.9	-2.4	0.00	0.03	0.03	1.6	ENE
2/27/2024 13:52:00	12.0	10.0	-2.0	0.00	0.03	0.03	1.6	E
2/27/2024 13:53:00	11.1	9.9	-1.2	0.00	0.02	0.02	1.6	E
2/27/2024 13:54:00	9.2	9.7	0.5	0.00	0.01	0.01	1.6	E
2/27/2024 13:55:00	8.5	9.7	1.2	0.00	0.01	0.01	1.6	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
2/27/2024 13:56:00	8.1	9.8	1.7	0.00	0.01	0.01	1.7	E
2/27/2024 13:57:00	8.1	9.6	1.5	0.00	0.01	0.01	1.7	E
2/27/2024 13:58:00	8.1	9.7	1.6	0.00	0.01	0.01	1.7	NE
2/27/2024 13:59:00	7.9	9.7	1.8	0.00	0.01	0.01	1.7	NE
2/27/2024 14:00:00	7.8	9.8	2.0	0.00	0.01	0.01	1.7	E
2/27/2024 14:01:00	7.7	9.9	2.1	0.00	0.01	0.01	1.7	ESE
2/27/2024 14:02:00	7.7	9.8	2.1	0.00	0.01	0.01	1.7	E
2/27/2024 14:03:00	7.6	9.7	2.1	0.00	0.02	0.02	1.6	ENE
2/27/2024 14:04:00	7.6	9.7	2.2	0.00	0.02	0.02	1.6	E
2/27/2024 14:05:00	7.6	9.8	2.3	0.00	0.02	0.02	1.5	NE
2/27/2024 14:06:00	7.5	10.2	2.7	0.00	0.02	0.02	1.6	E
2/27/2024 14:07:00	7.5	10.4	2.9	0.00	0.02	0.02	1.6	E
2/27/2024 14:08:00	7.5	10.5	3.0	0.00	0.02	0.02	1.7	E
2/27/2024 14:09:00	7.5	11.1	3.6	0.00	0.02	0.02	1.7	E
2/27/2024 14:10:00	7.4	11.2	3.7	0.00	0.02	0.02	1.6	E
2/27/2024 14:11:00	7.4	11.1	3.7	0.00	0.02	0.02	1.7	E
2/27/2024 14:12:00	7.3	11.0	3.7	0.00	0.02	0.02	1.7	ENE
2/27/2024 14:13:00	7.2	10.8	3.6	0.00	0.02	0.02	1.8	NE
2/27/2024 14:14:00	7.1	11.6	4.5	0.00	0.02	0.02	1.8	NNW
2/27/2024 14:15:00	7.0	12.3	5.3	0.00	0.02	0.02	1.7	E
2/27/2024 14:16:00	7.1	12.3	5.2	0.00	0.02	0.02	1.7	E
2/27/2024 14:17:00	7.0	12.4	5.4	0.00	0.02	0.02	1.8	E
2/27/2024 14:18:00	7.0	12.7	5.7	0.00	0.02	0.02	1.9	E
2/27/2024 14:19:00	6.9	12.9	6.0	0.00	0.02	0.02	1.9	NNE
2/27/2024 14:20:00	6.8	12.9	6.1	0.00	0.02	0.02	1.9	NE
2/27/2024 14:21:00	7.4	12.8	5.5	0.00	0.02	0.02	1.9	ENE
2/27/2024 14:22:00	7.8	13.1	5.3	0.00	0.02	0.02	1.8	NE
2/27/2024 14:23:00	7.7	13.4	5.7	0.00	0.02	0.02	1.8	NE
2/27/2024 14:24:00	7.7	13.1	5.4	0.00	0.02	0.02	1.8	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
2/27/2024 14:25:00	7.7	12.9	5.2	0.00	0.02	0.02	1.9	E
2/27/2024 14:26:00	7.7	12.7	5.0	0.00	0.02	0.02	1.9	E
2/27/2024 14:27:00	7.7	12.6	4.9	0.00	0.02	0.02	2.1	E
2/27/2024 14:28:00	8.0	12.6	4.6	0.00	0.02	0.02	2.2	ESE
2/27/2024 14:29:00	8.2	11.6	3.4	0.00	0.02	0.02	2.3	E
2/27/2024 14:30:00	8.3	10.6	2.3	0.00	0.02	0.02	2.4	E
2/27/2024 14:31:00	8.4	10.4	2.0	0.00	0.02	0.02	2.5	E
2/27/2024 14:32:00	8.5	10.2	1.7	0.00	0.02	0.02	2.5	E
2/27/2024 14:33:00	8.6	9.7	1.1	0.00	0.02	0.02	2.5	E
2/27/2024 14:34:00	8.7	9.2	0.5	0.00	0.02	0.02	2.6	E
2/27/2024 14:35:00	8.8	9.1	0.3	0.00	0.02	0.02	2.8	E
2/27/2024 14:36:00	8.4	8.5	0.2	0.00	0.02	0.02	2.8	E
2/27/2024 14:37:00	8.1	8.0	-0.1	0.00	0.02	0.02	2.9	E
2/27/2024 14:38:00	8.1	7.3	-0.9	0.00	0.01	0.01	2.9	E
2/27/2024 14:39:00	8.2	6.9	-1.3	0.00	0.01	0.01	2.9	ENE
2/27/2024 14:40:00	8.3	6.8	-1.4	0.00	0.01	0.01	2.7	NE
2/27/2024 14:41:00	8.3	6.9	-1.5	0.00	0.01	0.01	2.6	ENE
2/27/2024 14:42:00	8.4	6.9	-1.5	0.00	0.01	0.01	2.4	ENE
2/27/2024 14:43:00	8.3	6.9	-1.4	0.00	0.01	0.01	2.3	NE
2/27/2024 14:44:00	8.2	7.0	-1.2	0.00	0.01	0.01	2.3	WNW
2/27/2024 14:45:00	8.1	7.0	-1.0	0.00	0.01	0.01	2.2	E
2/27/2024 14:46:00	8.0	7.1	-0.9	0.00	0.01	0.01	2.2	E
2/27/2024 14:47:00	8.0	7.1	-0.8	0.00	0.01	0.01	2.1	E
2/27/2024 14:48:00	8.0	7.1	-0.8	0.00	0.01	0.01	2.1	ENE
2/27/2024 14:49:00	7.9	7.1	-0.8	0.00	0.01	0.01	2.0	E
2/27/2024 14:50:00	7.9	7.1	-0.8	0.00	0.01	0.01	1.9	E
2/27/2024 14:51:00	7.9	7.0	-0.8	0.00	0.01	0.01	1.9	ENE
2/27/2024 14:52:00	7.8	7.0	-0.8	0.00	0.01	0.01	1.7	NNE
2/27/2024 14:53:00	7.7	7.0	-0.7	0.00	0.01	0.01	1.6	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
2/27/2024 14:54:00	7.7	7.0	-0.7	0.00	0.01	0.01	1.6	ENE
2/27/2024 14:55:00	7.7	7.0	-0.7	0.00	0.01	0.01	1.7	E
2/27/2024 14:56:00	7.7	6.9	-0.8	0.00	0.02	0.01	1.7	E
2/27/2024 14:57:00	7.7	6.9	-0.8	0.00	0.02	0.02	1.8	E
2/27/2024 14:58:00	7.8	6.8	-1.0	0.00	0.02	0.02	1.8	E
2/27/2024 14:59:00	7.8	6.7	-1.1	0.00	0.02	0.02	1.8	E
2/27/2024 15:00:00	7.8	6.7	-1.1	0.00	0.02	0.02	1.7	E
2/27/2024 15:01:00				0.00	0.02	0.02	1.7	E
2/27/2024 15:02:00				0.00	0.02	0.02	1.7	E
2/27/2024 15:03:00				0.00	0.02	0.02	1.7	E
2/27/2024 15:04:00				0.00	0.02	0.02	1.8	E
2/27/2024 15:05:00	8.8	7.6	-1.2	0.00	0.02	0.02	1.9	E
2/27/2024 15:06:00	8.4	7.8	-0.6	0.00	0.02	0.02	1.9	NE
2/27/2024 15:07:00	9.0	9.4	0.4	0.00	0.02	0.02	1.9	ENE
2/27/2024 15:08:00	9.3	9.6	0.3	0.00	0.02	0.02	2.0	E
2/27/2024 15:09:00	9.1	9.5	0.4	0.00	0.02	0.02	2.1	E
2/27/2024 15:10:00	8.9	9.3	0.4	0.00	0.01	0.01	2.1	E