

**DAILY FIELD REPORT 195**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	February 23, 2024
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	6:45 am to 3:30 pm
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<b>Consultant:</b> Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	<b>Langan Field Personnel:</b> Carli Piretra (Environmental) Hamed Gholizadeh Touchaei (Geotechnical)
<b>Construction Manager:</b> Consigli Construction Co., Inc. (Consigli)	
<b>Foundation Contractor:</b> Urban Foundation/Engineering (Urban)	

**Work Activities Performed:**

- Urban excavated an about 25-foot-long by about 3-foot-wide area from about 4 feet below grade surface (bgs) to about 8 feet bgs in the central eastern part of grid WC05\_0-5 and WC05\_5-10 to facilitate the installation of support of excavation and formwork for caisson caps. Excavated soil/fill was stockpiled in the southern central part of WC05, pending off-site disposal.
- Urban continued excavation of an about 15-foot-long by 15-foot-wide area from about 4 feet bgs to about 7 feet bgs in the eastern part of grid WC05\_0-5 and WC05\_5-10 to facilitate the installation of support of excavation and formwork for caisson caps. Excavated soil/fill was stockpiled in the southern central part of WC05, pending off-site disposal.
- The soil/fill stockpile in the eastern part of grid WC05 was relocated and combined with the stockpile in the southern part of WC05. The stockpile was covered with polyethylene sheeting at the end of the work day, pending off-site disposal.
- Excavated 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.

**Material Tracking:**

- No material was exported from 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&amp;D</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
		0	-	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)
	139	2,780	279	5,580	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.

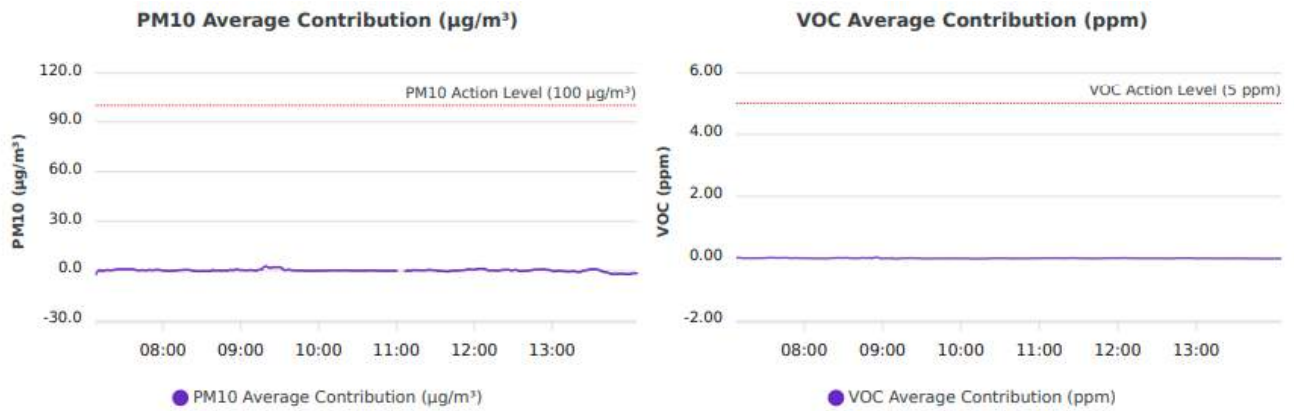
**Air Monitoring:**

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 µg/m<sup>3</sup> for particulates and 5 ppm for organic vapors. No particulates (PM10) or organic vapors exceeded the 15-minute average site contribution action level of 100 µg/m<sup>3</sup> or 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m <sup>3</sup> )		Organic Vapor Monitoring (ppm)	
Daily Background	25.4	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-2.7	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	2.7	VOC Average Site Contribution (Maximum)	0.04

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

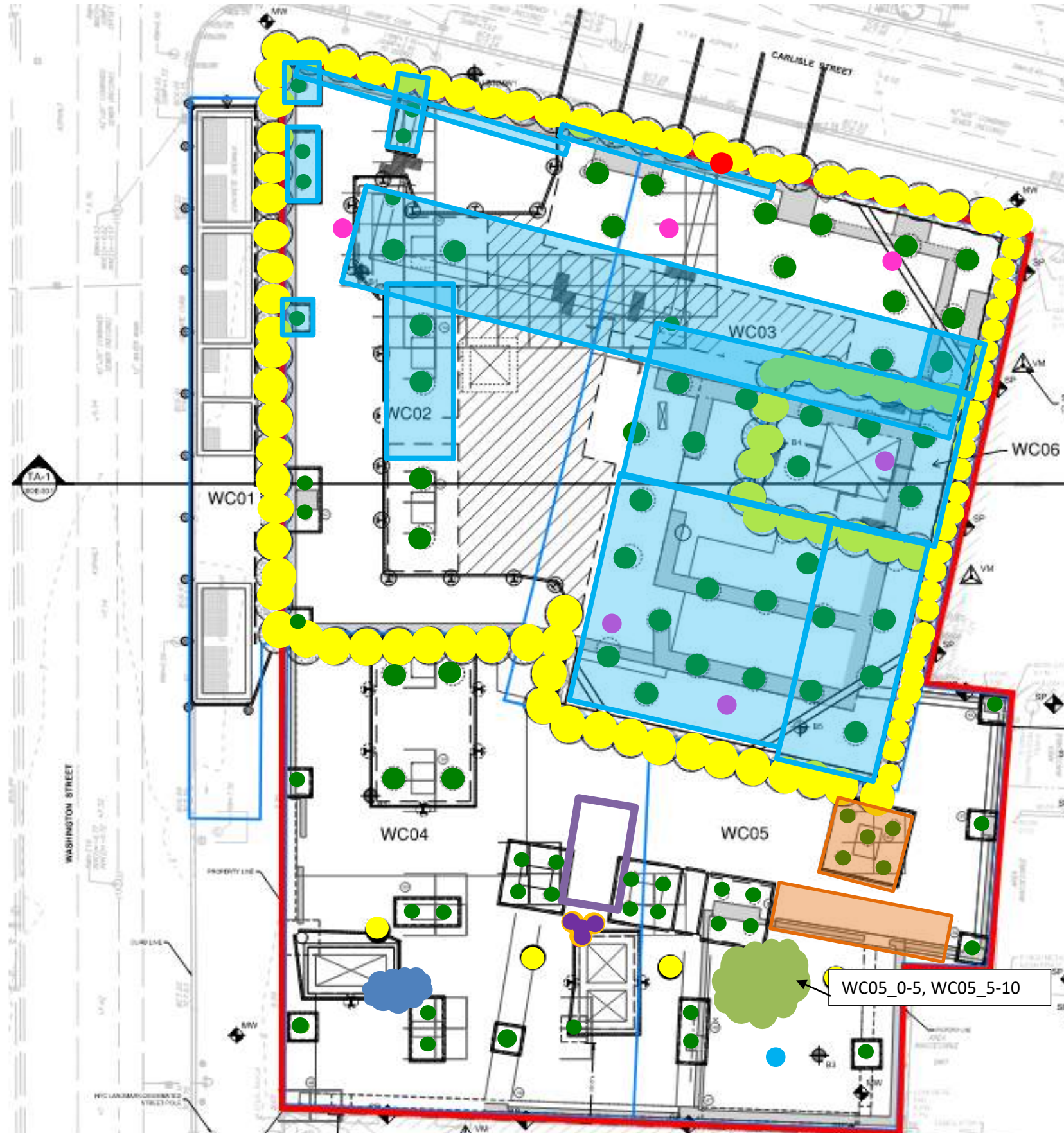
ppm: parts per million.



**Planned Activities:**

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

**SITE PLAN**









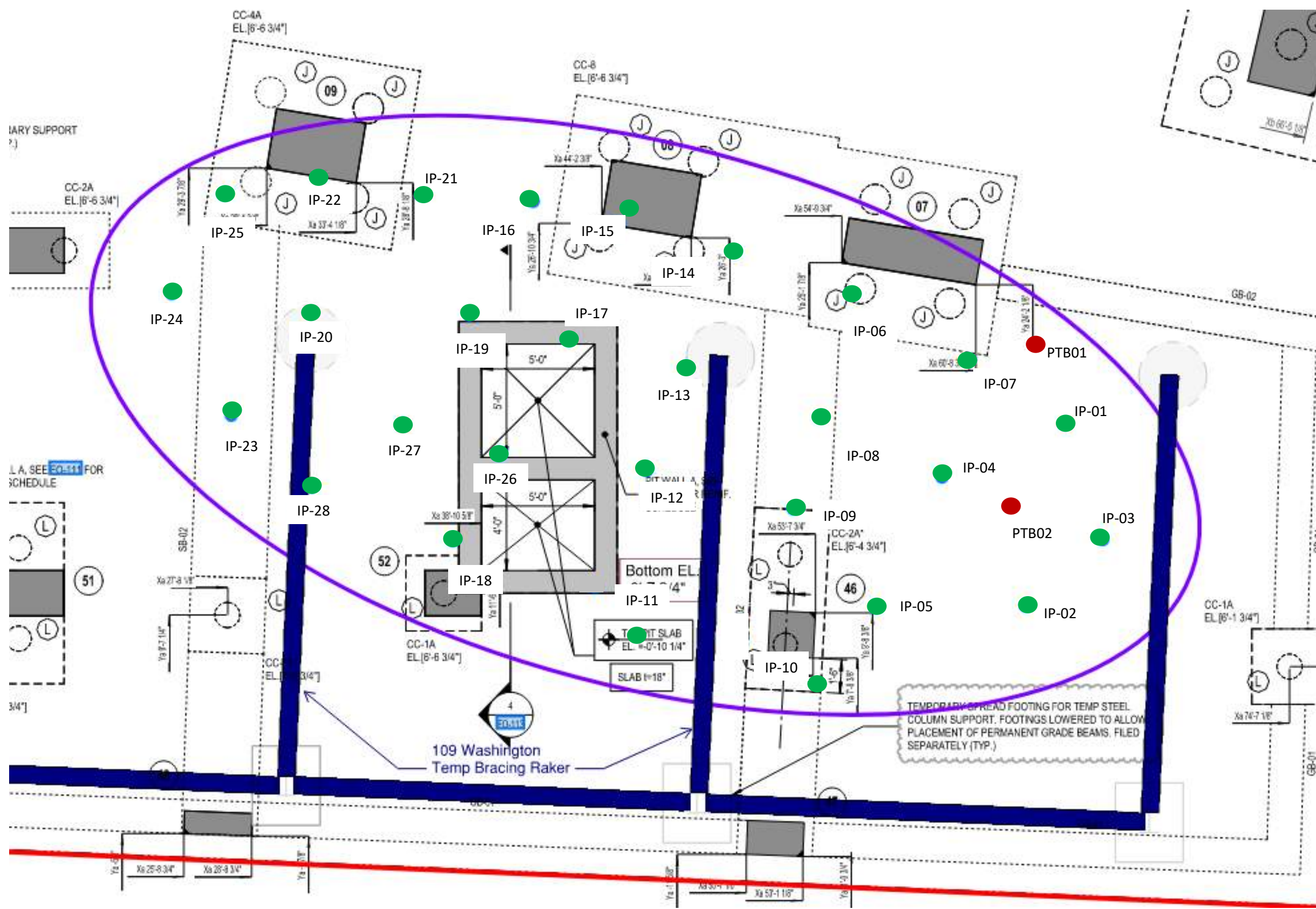
- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile – Soil (no impacts)**
- **Stockpile – C&D**
- **Stockpile – Timber Piles**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- **Completed 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:** View of excavation area in the eastern part of grid WC05 (facing east).



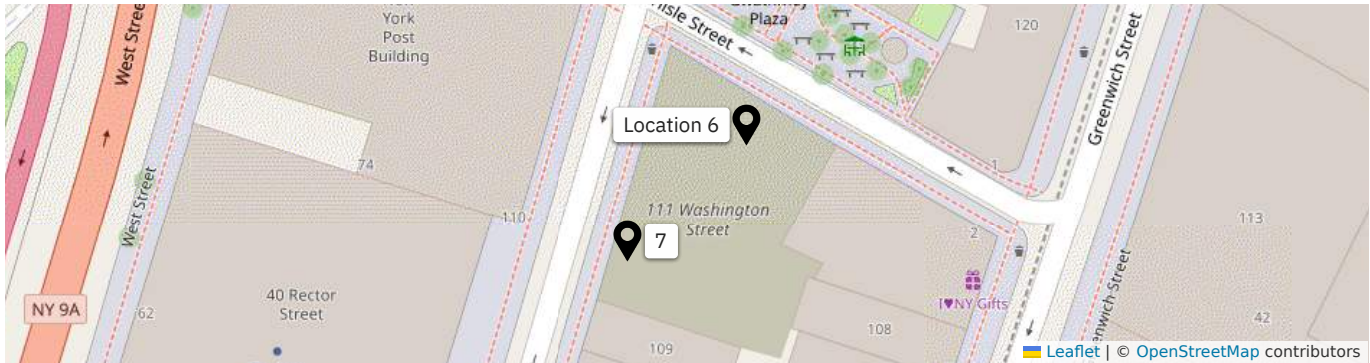
**Photo 4:** Urban covering the soil/fill stockpile in grid WC05 with polyethylene sheeting at end of workday (facing southeast).



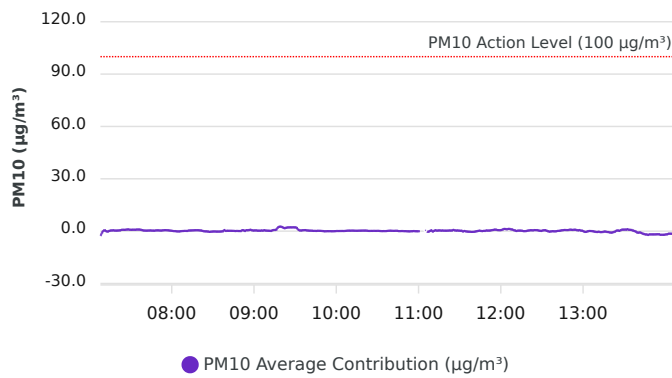
<b>LANGAN</b>	<b>Air Monitoring Report</b>	170695201 - 111 Washington St	
		Report Period	
		From:	2/23/2024 06:00
		To:	2/23/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
2/23/2024	0.4-2.8	ESE

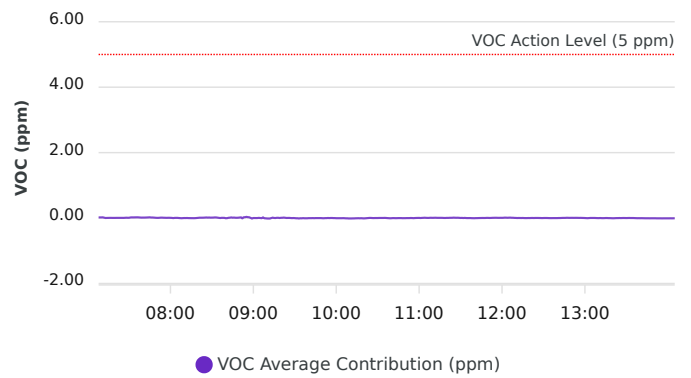
Daily Monitoring Summary	PM10 ( $\mu\text{g}/\text{m}^3$ )	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 2/23/2024	-2.7	07:08	-0.01	09:11
Max Contribution (15 min avg.) - 2/23/2024	2.7	09:19	0.04	08:55



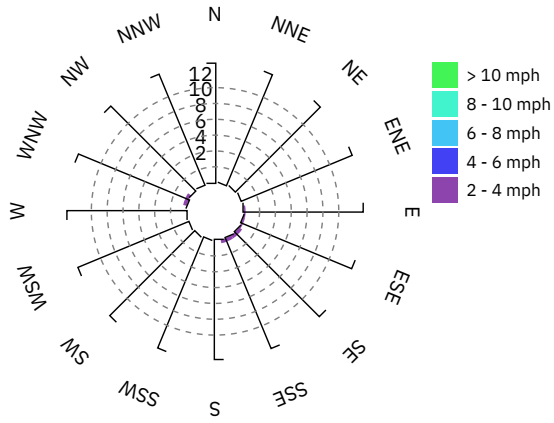
**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**



**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
2/23/2024 07:08:00	25.4	22.7	-2.7	0.00	0.02	0.02	1.1	E
2/23/2024 07:09:00	22.9	22.3	-0.6	0.00	0.02	0.02	1.2	ESE
2/23/2024 07:10:00	21.3	21.6	0.3	0.00	0.02	0.02	1.2	NE
2/23/2024 07:11:00	20.4	20.9	0.5	0.00	0.02	0.02	1.2	SE
2/23/2024 07:12:00	19.9	19.9	-0.1	0.01	0.02	0.01	1.1	S
2/23/2024 07:13:00	19.5	19.1	-0.3	0.01	0.01	0.00	1.2	S
2/23/2024 07:14:00	18.8	18.9	0.1	0.01	0.02	0.00	1.3	NE
2/23/2024 07:15:00	18.3	18.6	0.4	0.01	0.01	0.01	1.3	ESE
2/23/2024 07:16:00	18.0	18.4	0.4	0.01	0.01	0.01	1.3	N
2/23/2024 07:17:00	17.6	18.1	0.5	0.01	0.01	0.01	1.3	ENE
2/23/2024 07:18:00	17.5	17.8	0.3	0.01	0.01	0.01	1.3	SSW
2/23/2024 07:19:00	17.2	17.5	0.3	0.01	0.01	0.01	1.3	E
2/23/2024 07:20:00	17.0	17.3	0.3	0.01	0.01	0.01	1.3	E
2/23/2024 07:21:00	16.7	17.1	0.4	0.01	0.01	0.01	1.2	NNE
2/23/2024 07:22:00	16.5	16.9	0.4	0.01	0.01	0.01	1.3	NNW
2/23/2024 07:23:00	15.7	16.5	0.7	0.01	0.01	0.01	1.3	NNE
2/23/2024 07:24:00	15.2	16.0	0.8	0.01	0.01	0.01	1.2	N
2/23/2024 07:25:00	14.9	15.6	0.7	0.01	0.01	0.01	1.3	NNE
2/23/2024 07:26:00	14.6	15.3	0.8	0.01	0.01	0.01	1.3	NNW
2/23/2024 07:27:00	14.2	15.2	0.9	0.00	0.01	0.01	1.3	E
2/23/2024 07:28:00	14.0	15.0	1.0	0.00	0.01	0.01	1.2	SSW
2/23/2024 07:29:00	13.9	14.7	0.8	0.00	0.01	0.01	1.1	SSE
2/23/2024 07:30:00	13.8	14.6	0.8	0.00	0.01	0.01	1.1	ESE
2/23/2024 07:31:00	13.7	14.5	0.8	0.00	0.02	0.02	1.1	NNE
2/23/2024 07:32:00	13.6	14.4	0.8	0.00	0.02	0.02	1.1	NNE
2/23/2024 07:33:00	13.5	14.3	0.8	0.00	0.02	0.02	1.0	SSW
2/23/2024 07:34:00	13.4	14.3	0.9	0.00	0.02	0.02	1.1	SE
2/23/2024 07:35:00	13.4	14.3	0.9	0.00	0.03	0.02	1.0	E
2/23/2024 07:36:00	13.3	14.3	0.9	0.00	0.03	0.02	1.0	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
2/23/2024 07:37:00	13.4	14.2	0.8	0.01	0.03	0.02	1.0	SSW
2/23/2024 07:38:00	13.4	14.0	0.6	0.01	0.02	0.02	1.0	WNW
2/23/2024 07:39:00	13.4	13.8	0.4	0.01	0.02	0.01	1.0	W
2/23/2024 07:40:00	13.4	13.7	0.3	0.01	0.02	0.01	1.0	E
2/23/2024 07:41:00	13.4	13.7	0.3	0.01	0.02	0.01	1.0	N
2/23/2024 07:42:00	13.4	13.7	0.3	0.01	0.03	0.02	1.0	NW
2/23/2024 07:43:00	13.4	13.8	0.3	0.01	0.03	0.02	1.1	NNW
2/23/2024 07:44:00	13.4	13.8	0.4	0.01	0.03	0.02	1.0	SE
2/23/2024 07:45:00	13.4	13.8	0.3	0.01	0.03	0.02	1.0	E
2/23/2024 07:46:00	13.5	13.8	0.3	0.01	0.03	0.02	1.0	NW
2/23/2024 07:47:00	13.7	13.8	0.2	0.01	0.03	0.02	1.1	E
2/23/2024 07:48:00	13.6	14.0	0.5	0.01	0.03	0.01	1.2	SSE
2/23/2024 07:49:00	13.6	14.1	0.5	0.01	0.03	0.01	1.2	S
2/23/2024 07:50:00	13.7	14.2	0.5	0.02	0.02	0.01	1.2	SW
2/23/2024 07:51:00	13.9	14.2	0.3	0.02	0.02	0.01	1.3	SE
2/23/2024 07:52:00	14.1	14.4	0.3	0.01	0.02	0.01	1.3	E
2/23/2024 07:53:00	14.3	14.7	0.4	0.01	0.03	0.01	1.3	N
2/23/2024 07:54:00	14.4	15.0	0.6	0.01	0.03	0.01	1.3	SSE
2/23/2024 07:55:00	14.6	15.2	0.6	0.01	0.02	0.01	1.3	WNW
2/23/2024 07:56:00	14.8	15.3	0.6	0.01	0.02	0.01	1.3	SE
2/23/2024 07:57:00	14.9	15.4	0.5	0.01	0.02	0.01	1.3	W
2/23/2024 07:58:00	15.1	15.5	0.4	0.01	0.02	0.01	1.3	ESE
2/23/2024 07:59:00	15.3	15.5	0.3	0.01	0.02	0.01	1.3	ESE
2/23/2024 08:00:00	15.4	15.6	0.2	0.01	0.02	0.01	1.4	SE
2/23/2024 08:01:00	15.5	15.5	0.0	0.01	0.02	0.01	1.4	E
2/23/2024 08:02:00	15.4	15.5	0.1	0.01	0.01	0.00	1.3	WSW
2/23/2024 08:03:00	15.5	15.4	-0.1	0.01	0.01	0.01	1.2	SE
2/23/2024 08:04:00	15.6	15.4	-0.1	0.01	0.01	0.01	1.2	SSE
2/23/2024 08:05:00	15.6	15.4	-0.2	0.01	0.01	0.01	1.2	SW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/23/2024 08:06:00	15.4	15.3	-0.1	0.01	0.01	0.00	1.1	WNW
2/23/2024 08:07:00	15.2	15.3	0.1	0.01	0.01	0.00	1.1	SSE
2/23/2024 08:08:00	15.1	15.2	0.1	0.02	0.01	-0.01	1.1	NW
2/23/2024 08:09:00	15.2	15.3	0.1	0.01	0.01	0.00	1.1	ENE
2/23/2024 08:10:00	15.2	15.3	0.1	0.01	0.01	0.00	1.1	ESE
2/23/2024 08:11:00	15.2	15.2	0.1	0.01	0.01	0.00	1.1	ESE
2/23/2024 08:12:00	15.3	15.7	0.4	0.01	0.01	0.00	1.1	NE
2/23/2024 08:13:00	15.4	15.8	0.4	0.01	0.01	0.00	1.1	WNW
2/23/2024 08:14:00	15.4	15.8	0.4	0.01	0.01	0.00	1.1	NE
2/23/2024 08:15:00	15.4	15.9	0.5	0.01	0.01	0.00	1.1	NE
2/23/2024 08:16:00	15.5	16.0	0.5	0.01	0.01	0.00	1.1	NW
2/23/2024 08:17:00	15.7	16.2	0.5	0.01	0.01	0.00	1.1	SSE
2/23/2024 08:18:00	15.8	16.4	0.6	0.01	0.01	0.00	1.1	ENE
2/23/2024 08:19:00	16.0	16.6	0.5	0.01	0.01	0.00	1.1	NE
2/23/2024 08:20:00	16.2	16.7	0.5	0.01	0.02	0.01	1.2	ESE
2/23/2024 08:21:00	16.4	16.8	0.4	0.01	0.02	0.01	1.2	SE
2/23/2024 08:22:00	16.8	16.9	0.2	0.01	0.02	0.01	1.2	SE
2/23/2024 08:23:00	17.1	17.1	-0.1	0.01	0.02	0.01	1.2	NW
2/23/2024 08:24:00	17.3	17.1	-0.1	0.01	0.02	0.01	1.2	SE
2/23/2024 08:25:00	17.4	17.3	-0.1	0.01	0.02	0.01	1.1	NNE
2/23/2024 08:26:00	17.6	17.4	-0.2	0.01	0.03	0.02	1.1	SE
2/23/2024 08:27:00	17.6	17.2	-0.5	0.01	0.03	0.01	1.1	WSW
2/23/2024 08:28:00	17.7	17.3	-0.4	0.01	0.03	0.02	1.2	E
2/23/2024 08:29:00	17.8	17.6	-0.3	0.01	0.03	0.01	1.2	NW
2/23/2024 08:30:00	18.0	17.8	-0.2	0.01	0.03	0.01	1.2	NW
2/23/2024 08:31:00	18.2	18.0	-0.2	0.01	0.03	0.01	1.2	NW
2/23/2024 08:32:00	18.4	18.2	-0.3	0.01	0.03	0.02	1.3	NNE
2/23/2024 08:33:00	18.7	18.4	-0.3	0.01	0.03	0.02	1.3	ESE
2/23/2024 08:34:00	18.9	18.6	-0.3	0.01	0.03	0.01	1.3	SSE

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
2/23/2024 08:35:00	19.2	18.9	-0.2	0.02	0.03	0.01	1.2	SSW
2/23/2024 08:36:00	19.4	19.2	-0.2	0.02	0.02	0.00	1.2	SSE
2/23/2024 08:37:00	19.5	19.4	-0.1	0.02	0.03	0.01	1.2	SE
2/23/2024 08:38:00	19.5	20.1	0.7	0.02	0.03	0.01	1.2	S
2/23/2024 08:39:00	20.2	20.3	0.1	0.02	0.02	0.01	1.2	NNW
2/23/2024 08:40:00	20.4	20.6	0.2	0.03	0.02	-0.01	1.2	W
2/23/2024 08:41:00	20.7	20.9	0.2	0.03	0.02	0.00	1.2	NNW
2/23/2024 08:42:00	20.9	21.1	0.2	0.02	0.03	0.01	1.2	NNE
2/23/2024 08:43:00	21.1	21.3	0.2	0.02	0.03	0.01	1.2	NE
2/23/2024 08:44:00	21.3	21.5	0.1	0.02	0.04	0.02	1.1	NE
2/23/2024 08:45:00	21.4	21.5	0.1	0.02	0.04	0.01	1.1	SSE
2/23/2024 08:46:00	21.5	21.5	0.0	0.02	0.04	0.01	1.2	NE
2/23/2024 08:47:00	21.4	21.5	0.1	0.03	0.04	0.01	1.1	SW
2/23/2024 08:48:00	21.3	21.4	0.1	0.03	0.04	0.01	1.1	NE
2/23/2024 08:49:00	21.3	21.4	0.1	0.03	0.04	0.01	1.1	SE
2/23/2024 08:50:00	21.3	21.2	0.0	0.02	0.04	0.02	1.2	E
2/23/2024 08:51:00	21.2	21.8	0.6	0.02	0.04	0.02	1.2	SE
2/23/2024 08:52:00	21.3	21.8	0.6	0.04	0.04	-0.01	1.2	SSE
2/23/2024 08:53:00	21.3	21.3	0.0	0.04	0.06	0.02	1.2	ESE
2/23/2024 08:54:00	20.8	21.4	0.6	0.04	0.07	0.03	1.2	ESE
2/23/2024 08:55:00	20.9	21.3	0.5	0.03	0.07	0.04	1.2	NE
2/23/2024 08:56:00	20.9	21.4	0.6	0.04	0.06	0.03	1.1	SSE
2/23/2024 08:57:00	20.9	21.8	0.9	0.04	0.06	0.02	1.1	N
2/23/2024 08:58:00	21.2	21.8	0.5	0.05	0.05	0.01	1.1	WNW
2/23/2024 08:59:00	21.4	21.8	0.3	0.06	0.05	-0.01	1.1	S
2/23/2024 09:00:00	21.6	21.9	0.4	0.06	0.06	0.00	1.1	E
2/23/2024 09:01:00	21.7	22.2	0.5	0.06	0.06	0.00	1.1	ESE
2/23/2024 09:02:00	22.1	22.4	0.3	0.06	0.06	0.00	1.1	NW
2/23/2024 09:03:00	22.2	22.6	0.3	0.06	0.06	0.00	1.2	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
2/23/2024 09:04:00	22.5	22.6	0.2	0.06	0.06	0.01	1.2	SE
2/23/2024 09:05:00	22.5	23.0	0.5	0.06	0.06	0.00	1.1	WNW
2/23/2024 09:06:00	22.7	22.9	0.2	0.07	0.06	0.00	1.1	WSW
2/23/2024 09:07:00	22.8	23.3	0.6	0.04	0.06	0.02	1.1	SSW
2/23/2024 09:08:00	23.0	23.4	0.4	0.04	0.04	-0.01	1.1	ENE
2/23/2024 09:09:00	23.2	23.4	0.3	0.04	0.03	-0.01	1.1	NNE
2/23/2024 09:10:00	23.2	23.4	0.2	0.04	0.03	-0.01	1.1	SSE
2/23/2024 09:11:00	23.2	23.4	0.2	0.05	0.03	-0.01	1.0	SE
2/23/2024 09:12:00	23.3	23.3	0.1	0.05	0.03	-0.01	1.1	N
2/23/2024 09:13:00	23.0	23.4	0.4	0.03	0.03	0.00	1.1	NNW
2/23/2024 09:14:00	22.8	23.4	0.7	0.02	0.03	0.01	1.0	W
2/23/2024 09:15:00	22.8	23.4	0.6	0.02	0.02	0.00	1.0	ESE
2/23/2024 09:16:00	22.7	23.5	0.8	0.02	0.02	0.00	1.0	SE
2/23/2024 09:17:00	22.4	24.5	2.1	0.02	0.03	0.01	1.0	SE
2/23/2024 09:18:00	22.5	24.9	2.5	0.02	0.03	0.01	0.9	SE
2/23/2024 09:19:00	22.3	25.0	2.7	0.02	0.02	0.00	0.9	SE
2/23/2024 09:20:00	22.3	24.7	2.4	0.02	0.02	0.01	1.0	SE
2/23/2024 09:21:00	22.3	24.3	2.0	0.01	0.02	0.01	1.0	SSE
2/23/2024 09:22:00	22.2	23.8	1.6	0.01	0.03	0.01	1.0	SE
2/23/2024 09:23:00	21.9	23.8	1.9	0.01	0.02	0.01	1.0	SSW
2/23/2024 09:24:00	21.7	23.8	2.1	0.02	0.02	0.00	1.1	SSE
2/23/2024 09:25:00	21.6	23.7	2.1	0.02	0.02	0.00	1.0	W
2/23/2024 09:26:00	21.3	23.5	2.2	0.01	0.02	0.01	1.0	WSW
2/23/2024 09:27:00	21.2	23.3	2.1	0.02	0.02	0.00	1.0	SE
2/23/2024 09:28:00	21.1	23.3	2.2	0.02	0.02	0.00	1.0	SSE
2/23/2024 09:29:00	21.1	23.2	2.1	0.02	0.02	0.00	1.0	ENE
2/23/2024 09:30:00	21.0	23.2	2.2	0.02	0.01	0.00	1.0	S
2/23/2024 09:31:00	21.1	22.9	1.8	0.02	0.01	-0.01	1.0	NW
2/23/2024 09:32:00	21.1	21.8	0.8	0.02	0.01	-0.01	1.0	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
2/23/2024 09:33:00	20.9	21.3	0.4	0.02	0.01	-0.01	1.0	WNW
2/23/2024 09:34:00	20.9	21.3	0.3	0.02	0.01	-0.01	1.0	NE
2/23/2024 09:35:00	20.9	21.4	0.5	0.02	0.01	-0.01	1.0	ENE
2/23/2024 09:36:00	20.8	21.4	0.6	0.02	0.01	0.00	0.9	E
2/23/2024 09:37:00	20.8	21.4	0.6	0.02	0.01	-0.01	0.9	SSE
2/23/2024 09:38:00	20.9	21.4	0.4	0.02	0.01	-0.01	0.9	SW
2/23/2024 09:39:00	21.0	21.3	0.3	0.02	0.01	-0.01	0.8	WNW
2/23/2024 09:40:00	21.0	21.3	0.3	0.01	0.01	0.00	0.9	SE
2/23/2024 09:41:00	21.0	21.3	0.3	0.01	0.01	0.00	0.9	SSE
2/23/2024 09:42:00	20.9	21.2	0.3	0.01	0.01	0.00	0.9	S
2/23/2024 09:43:00	20.9	21.0	0.1	0.01	0.01	0.00	0.9	SE
2/23/2024 09:44:00	20.9	21.0	0.2	0.02	0.01	0.00	0.9	SSE
2/23/2024 09:45:00	20.8	20.9	0.1	0.01	0.01	0.00	0.9	SE
2/23/2024 09:46:00	20.6	20.8	0.2	0.01	0.01	0.00	0.9	NW
2/23/2024 09:47:00	20.6	20.7	0.1	0.01	0.01	0.00	0.8	N
2/23/2024 09:48:00	20.5	20.7	0.2	0.01	0.01	0.00	0.8	SE
2/23/2024 09:49:00	20.5	20.6	0.1	0.01	0.01	0.00	0.9	E
2/23/2024 09:50:00	20.4	20.5	0.1	0.02	0.01	-0.01	0.9	WNW
2/23/2024 09:51:00	20.4	20.3	-0.1	0.02	0.01	-0.01	0.9	NE
2/23/2024 09:52:00	20.4	20.3	-0.1	0.01	0.01	0.00	0.9	E
2/23/2024 09:53:00	20.3	20.3	0.0	0.01	0.01	0.00	0.9	NW
2/23/2024 09:54:00	20.3	20.3	0.0	0.01	0.01	0.00	0.9	ENE
2/23/2024 09:55:00	20.3	20.3	0.0	0.01	0.01	0.00	0.9	NW
2/23/2024 09:56:00	20.4	20.3	-0.1	0.01	0.01	0.00	1.0	NNE
2/23/2024 09:57:00	20.4	20.4	-0.1	0.01	0.01	0.00	1.0	W
2/23/2024 09:58:00	20.5	20.4	0.0	0.01	0.01	0.00	1.0	SSE
2/23/2024 09:59:00	20.5	20.5	0.0	0.01	0.01	0.00	1.1	SE
2/23/2024 10:00:00	20.5	20.6	0.1	0.02	0.01	-0.01	1.3	SSE
2/23/2024 10:01:00	20.7	20.7	0.1	0.02	0.01	-0.01	1.3	SSE

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
2/23/2024 10:02:00	20.8	20.9	0.1	0.02	0.01	-0.01	1.4	SE
2/23/2024 10:03:00	20.9	20.9	0.1	0.01	0.01	-0.01	1.4	SSW
2/23/2024 10:04:00	20.9	21.0	0.1	0.01	0.01	-0.01	1.5	ESE
2/23/2024 10:05:00	21.1	21.1	0.1	0.01	0.01	0.00	1.5	SE
2/23/2024 10:06:00	21.1	21.2	0.1	0.01	0.01	-0.01	1.6	SSW
2/23/2024 10:07:00	21.2	21.4	0.2	0.02	0.01	-0.01	1.6	NW
2/23/2024 10:08:00	21.3	21.6	0.3	0.02	0.01	-0.01	1.6	SE
2/23/2024 10:09:00	21.3	21.6	0.3	0.02	0.01	-0.01	1.6	W
2/23/2024 10:10:00	21.4	21.6	0.2	0.02	0.01	-0.01	1.6	W
2/23/2024 10:11:00	21.4	21.7	0.3	0.02	0.01	-0.01	1.6	ESE
2/23/2024 10:12:00	21.5	21.8	0.3	0.02	0.01	-0.01	1.5	ENE
2/23/2024 10:13:00	21.6	21.8	0.2	0.02	0.01	-0.01	1.5	WNW
2/23/2024 10:14:00	21.6	21.8	0.2	0.02	0.01	-0.01	1.4	SE
2/23/2024 10:15:00	21.6	21.8	0.2	0.01	0.01	-0.01	1.3	SSW
2/23/2024 10:16:00	21.6	21.9	0.2	0.01	0.01	-0.01	1.3	SSE
2/23/2024 10:17:00	21.6	21.9	0.3	0.01	0.01	-0.01	1.3	WNW
2/23/2024 10:18:00	21.7	21.9	0.3	0.01	0.01	-0.01	1.3	SE
2/23/2024 10:19:00	21.6	21.9	0.3	0.01	0.01	-0.01	1.2	W
2/23/2024 10:20:00	21.6	21.9	0.3	0.02	0.01	-0.01	1.2	W
2/23/2024 10:21:00	21.6	22.0	0.3	0.01	0.01	-0.01	1.2	NNW
2/23/2024 10:22:00	21.7	21.9	0.3	0.01	0.01	0.00	1.2	NE
2/23/2024 10:23:00	21.6	21.7	0.1	0.01	0.01	0.00	1.2	N
2/23/2024 10:24:00	21.6	21.7	0.1	0.01	0.01	0.00	1.2	NNW
2/23/2024 10:25:00	21.6	21.8	0.1	0.01	0.01	0.00	1.3	SSE
2/23/2024 10:26:00	21.7	21.8	0.1	0.01	0.01	0.00	1.3	S
2/23/2024 10:27:00	21.7	21.8	0.1	0.01	0.01	0.00	1.3	SW
2/23/2024 10:28:00	21.7	21.8	0.1	0.01	0.01	0.00	1.4	NNW
2/23/2024 10:29:00	21.8	21.9	0.1	0.01	0.01	0.00	1.3	SE
2/23/2024 10:30:00	21.8	21.9	0.2	0.01	0.01	0.00	1.3	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
2/23/2024 10:31:00	21.8	21.9	0.1	0.01	0.01	0.00	1.3	NNW
2/23/2024 10:32:00	21.8	21.9	0.1	0.01	0.01	0.00	1.3	NW
2/23/2024 10:33:00	21.8	21.8	0.0	0.01	0.01	0.00	1.2	E
2/23/2024 10:34:00	21.8	21.9	0.1	0.01	0.01	0.00	1.2	WSW
2/23/2024 10:35:00	21.8	21.9	0.0	0.01	0.01	0.01	1.2	NNW
2/23/2024 10:36:00	21.8	21.8	0.1	0.01	0.01	0.00	1.2	WNW
2/23/2024 10:37:00	21.7	21.8	0.1	0.01	0.01	0.00	1.2	WNW
2/23/2024 10:38:00	21.7	21.9	0.2	0.01	0.01	0.00	1.2	SSE
2/23/2024 10:39:00	21.7	21.9	0.3	0.01	0.01	-0.01	1.1	SSE
2/23/2024 10:40:00	21.7	21.9	0.2	0.01	0.01	-0.01	1.0	NW
2/23/2024 10:41:00	21.7	21.9	0.1	0.01	0.01	0.00	1.0	ESE
2/23/2024 10:42:00	21.7	21.9	0.1	0.01	0.01	0.00	1.0	WNW
2/23/2024 10:43:00	21.7	21.9	0.2	0.01	0.01	0.00	0.9	SSW
2/23/2024 10:44:00	21.7	21.9	0.2	0.01	0.01	0.00	1.0	NNW
2/23/2024 10:45:00	21.8	21.8	0.0	0.01	0.01	0.00	0.9	ESE
2/23/2024 10:46:00	21.7	21.8	0.0	0.01	0.01	0.00	0.9	ESE
2/23/2024 10:47:00	21.7	21.8	0.1	0.01	0.01	0.00	0.9	S
2/23/2024 10:48:00	21.7	21.8	0.1	0.01	0.01	0.00	0.9	S
2/23/2024 10:49:00	21.8	21.8	0.0	0.01	0.01	0.00	0.9	W
2/23/2024 10:50:00	21.8	21.8	0.0	0.01	0.01	0.00	0.9	SE
2/23/2024 10:51:00	21.9	21.9	0.0	0.01	0.01	0.00	0.8	NNW
2/23/2024 10:52:00	22.0	21.9	-0.1	0.01	0.01	0.00	0.9	WNW
2/23/2024 10:53:00	22.1	21.9	-0.2	0.01	0.01	0.00	0.8	SSE
2/23/2024 10:54:00	22.1	22.1	0.0	0.01	0.01	0.00	0.8	ENE
2/23/2024 10:55:00	22.4	22.3	-0.1	0.01	0.01	0.00	0.9	WNW
2/23/2024 10:56:00	22.5	22.6	0.1	0.01	0.01	0.00	0.8	SSW
2/23/2024 10:57:00	22.8	22.7	0.0	0.01	0.01	0.00	0.9	NNE
2/23/2024 10:58:00	22.9	22.8	0.0	0.01	0.01	0.00	0.9	N
2/23/2024 10:59:00	23.0	22.9	-0.1	0.01	0.01	0.00	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
2/23/2024 11:00:00	23.1	23.0	-0.1	0.01	0.01	0.01	0.8	NW
2/23/2024 11:01:00				0.01	0.01	0.00	0.8	WNW
2/23/2024 11:02:00				0.01	0.01	0.01	0.8	NE
2/23/2024 11:03:00				0.01	0.02	0.01	0.8	ESE
2/23/2024 11:04:00				0.01	0.02	0.01	0.9	E
2/23/2024 11:05:00	22.9	23.4	0.6	0.01	0.02	0.01	0.9	NW
2/23/2024 11:06:00	23.0	22.8	-0.3	0.01	0.01	0.01	0.9	NW
2/23/2024 11:07:00	23.1	22.7	-0.4	0.01	0.01	0.01	0.9	NW
2/23/2024 11:08:00	22.8	22.9	0.1	0.01	0.02	0.01	1.0	ENE
2/23/2024 11:09:00	22.7	23.2	0.6	0.01	0.01	0.01	1.0	NNW
2/23/2024 11:10:00	23.3	22.9	-0.3	0.01	0.01	0.01	1.0	SW
2/23/2024 11:11:00	23.1	23.2	0.2	0.01	0.02	0.01	1.0	E
2/23/2024 11:12:00	22.9	23.4	0.6	0.01	0.02	0.01	1.0	NNW
2/23/2024 11:13:00	23.0	23.2	0.2	0.01	0.02	0.01	1.0	NW
2/23/2024 11:14:00	23.0	23.3	0.4	0.01	0.02	0.01	1.0	SE
2/23/2024 11:15:00	22.9	23.4	0.5	0.01	0.02	0.01	1.0	ESE
2/23/2024 11:16:00	23.1	23.3	0.2	0.01	0.02	0.01	1.0	SSW
2/23/2024 11:17:00	23.0	23.4	0.4	0.01	0.02	0.01	1.0	NNW
2/23/2024 11:18:00	23.0	23.2	0.2	0.01	0.01	0.00	1.0	W
2/23/2024 11:19:00	22.9	23.1	0.3	0.01	0.01	0.00	1.1	E
2/23/2024 11:20:00	22.8	23.0	0.3	0.01	0.02	0.01	1.1	N
2/23/2024 11:21:00	22.7	23.0	0.3	0.01	0.02	0.01	1.1	WNW
2/23/2024 11:22:00	22.5	22.9	0.4	0.01	0.02	0.01	1.1	SE
2/23/2024 11:23:00	22.4	22.8	0.4	0.01	0.02	0.01	1.1	NNW
2/23/2024 11:24:00	22.3	22.6	0.3	0.01	0.02	0.01	1.1	NNW
2/23/2024 11:25:00	21.9	22.7	0.8	0.01	0.02	0.01	1.1	NE
2/23/2024 11:26:00	21.9	22.4	0.5	0.01	0.02	0.01	1.1	S
2/23/2024 11:27:00	21.9	22.2	0.3	0.01	0.02	0.01	1.1	N
2/23/2024 11:28:00	21.7	22.1	0.4	0.01	0.02	0.01	1.1	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
2/23/2024 11:29:00	21.6	22.0	0.3	0.01	0.02	0.01	1.2	WNW
2/23/2024 11:30:00	21.6	21.8	0.2	0.01	0.01	0.00	1.2	WNW
2/23/2024 11:31:00	21.4	21.7	0.3	0.01	0.01	0.01	1.3	WNW
2/23/2024 11:32:00	21.7	21.4	-0.3	0.01	0.01	0.00	1.4	WNW
2/23/2024 11:33:00	21.6	21.7	0.1	0.01	0.01	0.01	1.4	NNW
2/23/2024 11:34:00	21.7	21.6	-0.1	0.01	0.01	0.00	1.4	WNW
2/23/2024 11:35:00	21.8	21.5	-0.3	0.01	0.01	0.00	1.3	NW
2/23/2024 11:36:00	21.8	21.5	-0.3	0.01	0.01	0.00	1.3	NW
2/23/2024 11:37:00	21.9	21.5	-0.3	0.01	0.01	0.00	1.3	ESE
2/23/2024 11:38:00	22.0	21.5	-0.5	0.01	0.01	0.00	1.3	SSW
2/23/2024 11:39:00	22.0	21.5	-0.4	0.01	0.01	0.00	1.3	N
2/23/2024 11:40:00	22.0	21.5	-0.5	0.01	0.01	-0.01	1.2	NE
2/23/2024 11:41:00	21.8	21.6	-0.2	0.01	0.01	0.00	1.3	E
2/23/2024 11:42:00	21.7	21.6	-0.1	0.01	0.01	0.00	1.4	SE
2/23/2024 11:43:00	21.5	21.6	0.1	0.01	0.01	0.00	1.4	SE
2/23/2024 11:44:00	21.4	21.7	0.3	0.01	0.01	0.00	1.4	E
2/23/2024 11:45:00	21.4	21.6	0.1	0.01	0.01	0.00	1.3	S
2/23/2024 11:46:00	21.4	21.4	0.0	0.01	0.01	0.00	1.2	WSW
2/23/2024 11:47:00	21.1	21.3	0.2	0.01	0.01	0.00	1.1	SE
2/23/2024 11:48:00	20.9	20.9	0.1	0.01	0.01	0.00	1.0	SE
2/23/2024 11:49:00	20.5	20.9	0.4	0.01	0.01	0.01	1.0	SE
2/23/2024 11:50:00	20.4	20.7	0.3	0.01	0.01	0.01	1.0	SSE
2/23/2024 11:51:00	20.4	20.7	0.3	0.01	0.01	0.00	1.0	SSE
2/23/2024 11:52:00	20.2	20.6	0.4	0.01	0.01	0.00	1.0	ESE
2/23/2024 11:53:00	19.9	20.5	0.6	0.01	0.01	0.01	1.1	E
2/23/2024 11:54:00	19.8	20.5	0.7	0.01	0.01	0.01	1.1	NNW
2/23/2024 11:55:00	19.7	20.5	0.9	0.01	0.02	0.01	1.1	ENE
2/23/2024 11:56:00	19.5	20.4	0.9	0.01	0.02	0.01	1.0	NNW
2/23/2024 11:57:00	19.6	20.2	0.6	0.01	0.01	0.01	0.9	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
2/23/2024 11:58:00	19.6	20.2	0.6	0.01	0.02	0.01	0.9	E
2/23/2024 11:59:00	19.5	20.1	0.5	0.01	0.02	0.01	0.8	ESE
2/23/2024 12:00:00	19.4	20.0	0.6	0.01	0.02	0.01	0.8	SSE
2/23/2024 12:01:00	19.2	20.1	0.9	0.01	0.02	0.01	0.8	SE
2/23/2024 12:02:00	19.0	20.3	1.3	0.01	0.02	0.01	0.8	ENE
2/23/2024 12:03:00	19.1	20.3	1.3	0.01	0.02	0.01	0.8	N
2/23/2024 12:04:00	19.2	20.2	1.0	0.01	0.02	0.01	0.9	W
2/23/2024 12:05:00	19.0	20.3	1.3	0.01	0.02	0.01	0.8	NE
2/23/2024 12:06:00	18.9	20.2	1.3	0.01	0.02	0.01	0.8	W
2/23/2024 12:07:00	18.9	19.9	1.0	0.01	0.02	0.01	0.8	S
2/23/2024 12:08:00	18.9	19.8	1.0	0.01	0.02	0.01	0.8	NNE
2/23/2024 12:09:00	18.9	19.5	0.6	0.01	0.01	0.01	0.8	W
2/23/2024 12:10:00	18.8	19.2	0.4	0.01	0.01	0.00	0.8	E
2/23/2024 12:11:00	18.8	18.8	0.0	0.01	0.01	0.00	0.9	S
2/23/2024 12:12:00	18.5	18.8	0.3	0.01	0.01	0.00	0.9	E
2/23/2024 12:13:00	18.4	18.6	0.3	0.01	0.01	0.00	1.0	ESE
2/23/2024 12:14:00	18.2	18.5	0.3	0.01	0.01	0.00	1.0	E
2/23/2024 12:15:00	17.9	18.2	0.3	0.01	0.01	0.00	1.0	SW
2/23/2024 12:16:00	17.8	17.8	0.0	0.01	0.01	0.00	1.1	WSW
2/23/2024 12:17:00	17.6	17.6	0.0	0.01	0.01	0.00	1.2	SE
2/23/2024 12:18:00	17.3	17.3	0.0	0.01	0.01	0.00	1.2	ESE
2/23/2024 12:19:00	16.9	17.2	0.3	0.01	0.01	0.00	1.3	ESE
2/23/2024 12:20:00	16.8	17.1	0.3	0.01	0.01	0.00	1.3	ESE
2/23/2024 12:21:00	16.4	17.0	0.5	0.01	0.01	0.00	1.3	NNE
2/23/2024 12:22:00	16.3	16.9	0.6	0.01	0.01	0.00	1.3	W
2/23/2024 12:23:00	16.3	16.7	0.4	0.01	0.01	0.00	1.3	WSW
2/23/2024 12:24:00	16.1	16.8	0.7	0.00	0.01	0.00	1.3	SE
2/23/2024 12:25:00	16.1	16.7	0.6	0.00	0.01	0.00	1.3	E
2/23/2024 12:26:00	16.1	16.8	0.6	0.00	0.01	0.00	1.3	SSE

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
2/23/2024 12:27:00	16.3	16.7	0.4	0.01	0.01	0.00	1.3	WNW
2/23/2024 12:28:00	16.4	16.7	0.3	0.01	0.01	0.00	1.3	SSE
2/23/2024 12:29:00	16.7	16.7	0.1	0.01	0.01	0.00	1.3	WNW
2/23/2024 12:30:00	16.7	17.1	0.3	0.01	0.01	0.00	1.3	E
2/23/2024 12:31:00	16.8	17.3	0.6	0.01	0.01	0.00	1.3	ENE
2/23/2024 12:32:00	16.9	17.4	0.6	0.01	0.01	0.00	1.3	ESE
2/23/2024 12:33:00	17.1	17.4	0.3	0.01	0.01	0.00	1.2	WNW
2/23/2024 12:34:00	17.4	17.4	0.0	0.01	0.01	0.00	1.2	W
2/23/2024 12:35:00	17.6	17.3	-0.3	0.01	0.01	0.00	1.2	NW
2/23/2024 12:36:00	17.6	17.4	-0.2	0.01	0.01	0.00	1.2	E
2/23/2024 12:37:00	17.5	17.5	0.0	0.01	0.01	0.00	1.2	ESE
2/23/2024 12:38:00	17.5	17.4	-0.1	0.01	0.01	0.00	1.2	SSE
2/23/2024 12:39:00	17.5	17.4	-0.1	0.01	0.01	0.00	1.2	SE
2/23/2024 12:40:00	17.5	17.4	-0.1	0.01	0.01	0.00	1.2	ESE
2/23/2024 12:41:00	17.3	17.4	0.1	0.01	0.01	0.00	1.1	NE
2/23/2024 12:42:00	17.2	17.3	0.1	0.01	0.01	0.00	1.1	NW
2/23/2024 12:43:00	17.0	17.3	0.3	0.00	0.01	0.00	1.1	N
2/23/2024 12:44:00	16.7	17.1	0.5	0.00	0.01	0.01	1.1	ENE
2/23/2024 12:45:00	16.4	17.0	0.6	0.00	0.01	0.01	1.0	NW
2/23/2024 12:46:00	16.3	16.9	0.7	0.00	0.01	0.01	1.0	SE
2/23/2024 12:47:00	16.2	16.8	0.6	0.00	0.01	0.01	1.0	E
2/23/2024 12:48:00	16.0	16.7	0.6	0.01	0.01	0.01	1.0	SSE
2/23/2024 12:49:00	15.9	16.5	0.6	0.01	0.01	0.01	1.0	NW
2/23/2024 12:50:00	15.7	16.6	0.9	0.01	0.01	0.01	1.0	E
2/23/2024 12:51:00	15.8	16.6	0.8	0.01	0.01	0.01	1.1	ESE
2/23/2024 12:52:00	16.0	16.6	0.6	0.01	0.01	0.01	1.0	SSE
2/23/2024 12:53:00	16.0	16.9	0.8	0.01	0.01	0.01	1.0	NNW
2/23/2024 12:54:00	16.1	17.0	0.8	0.01	0.01	0.01	1.0	ESE
2/23/2024 12:55:00	16.3	16.9	0.6	0.01	0.01	0.01	1.0	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
2/23/2024 12:56:00	16.5	16.9	0.4	0.01	0.01	0.01	1.0	NW
2/23/2024 12:57:00	16.3	17.0	0.7	0.01	0.01	0.01	1.0	NNW
2/23/2024 12:58:00	16.5	16.8	0.3	0.01	0.01	0.00	1.0	SSW
2/23/2024 12:59:00	16.4	16.7	0.3	0.01	0.01	0.00	1.0	ESE
2/23/2024 13:00:00	16.6	16.5	-0.1	0.01	0.01	0.00	1.0	SW
2/23/2024 13:01:00	16.6	16.2	-0.5	0.01	0.01	0.00	1.0	WSW
2/23/2024 13:02:00	16.5	16.1	-0.4	0.01	0.01	0.00	1.0	NNW
2/23/2024 13:03:00	16.3	16.2	-0.1	0.01	0.01	0.00	1.0	SE
2/23/2024 13:04:00	16.1	16.2	0.1	0.01	0.01	0.00	1.0	SE
2/23/2024 13:05:00	16.1	16.2	0.1	0.01	0.01	0.00	1.0	NNW
2/23/2024 13:06:00	16.0	16.1	0.1	0.01	0.01	0.00	1.0	NNW
2/23/2024 13:07:00	15.8	15.8	-0.1	0.01	0.01	0.00	1.0	SSE
2/23/2024 13:08:00	15.6	15.3	-0.3	0.01	0.01	0.00	1.0	SSE
2/23/2024 13:09:00	15.3	14.8	-0.5	0.01	0.01	0.00	1.0	SSE
2/23/2024 13:10:00	15.1	14.5	-0.5	0.01	0.01	0.00	1.0	WNW
2/23/2024 13:11:00	14.7	14.5	-0.2	0.01	0.01	0.00	1.0	NW
2/23/2024 13:12:00	14.7	14.1	-0.6	0.01	0.01	0.00	0.9	NW
2/23/2024 13:13:00	14.5	13.9	-0.5	0.01	0.01	0.00	1.0	WNW
2/23/2024 13:14:00	14.3	13.8	-0.5	0.01	0.01	0.00	0.9	NNW
2/23/2024 13:15:00	14.1	13.9	-0.3	0.01	0.01	0.00	0.9	NE
2/23/2024 13:16:00	14.0	13.8	-0.2	0.01	0.01	0.00	0.9	WSW
2/23/2024 13:17:00	14.1	13.6	-0.5	0.01	0.01	0.00	0.9	W
2/23/2024 13:18:00	14.0	13.5	-0.5	0.01	0.01	0.00	0.9	NNW
2/23/2024 13:19:00	14.0	13.3	-0.7	0.01	0.01	0.00	0.9	NW
2/23/2024 13:20:00	13.9	13.0	-0.9	0.01	0.01	-0.01	0.9	WNW
2/23/2024 13:21:00	13.7	12.9	-0.8	0.01	0.01	-0.01	0.9	NNW
2/23/2024 13:22:00	13.5	13.0	-0.5	0.01	0.01	0.00	0.9	SE
2/23/2024 13:23:00	13.4	13.1	-0.3	0.01	0.01	0.00	0.9	SE
2/23/2024 13:24:00	13.4	13.6	0.2	0.01	0.01	0.00	0.9	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
2/23/2024 13:25:00	13.3	13.8	0.5	0.01	0.01	0.00	0.9	NNW
2/23/2024 13:26:00	13.5	13.6	0.1	0.01	0.01	0.00	0.9	WNW
2/23/2024 13:27:00	13.3	13.8	0.5	0.01	0.01	0.00	0.9	NNW
2/23/2024 13:28:00	13.1	13.9	0.9	0.01	0.01	0.00	0.9	NNW
2/23/2024 13:29:00	13.0	13.9	0.9	0.01	0.01	0.00	0.9	NNW
2/23/2024 13:30:00	12.8	13.8	0.9	0.01	0.01	0.00	0.9	NNW
2/23/2024 13:31:00	12.8	13.6	0.8	0.01	0.01	0.00	0.9	S
2/23/2024 13:32:00	12.5	13.6	1.1	0.00	0.01	0.00	0.9	ESE
2/23/2024 13:33:00	12.5	13.3	0.8	0.00	0.01	0.00	0.9	NW
2/23/2024 13:34:00	12.4	13.1	0.7	0.00	0.01	0.00	0.9	SE
2/23/2024 13:35:00	12.3	13.0	0.7	0.00	0.01	0.00	1.0	S
2/23/2024 13:36:00	12.3	12.7	0.4	0.01	0.00	0.00	0.9	WNW
2/23/2024 13:37:00	12.2	12.3	0.1	0.01	0.00	0.00	0.9	W
2/23/2024 13:38:00	12.1	11.9	-0.2	0.01	0.00	-0.01	0.8	WNW
2/23/2024 13:39:00	11.9	11.2	-0.8	0.01	0.00	0.00	0.8	SSW
2/23/2024 13:40:00	11.8	10.8	-1.0	0.01	0.00	-0.01	0.8	SSW
2/23/2024 13:41:00	11.4	10.8	-0.6	0.01	0.00	0.00	0.8	NNE
2/23/2024 13:42:00	11.4	10.4	-1.0	0.01	0.00	-0.01	0.8	WSW
2/23/2024 13:43:00	11.4	10.1	-1.3	0.01	0.00	-0.01	0.8	SSE
2/23/2024 13:44:00	11.4	9.7	-1.6	0.01	0.00	-0.01	0.9	W
2/23/2024 13:45:00	11.3	9.4	-1.9	0.01	0.00	-0.01	0.9	SW
2/23/2024 13:46:00	11.2	9.3	-1.8	0.01	0.00	-0.01	0.9	S
2/23/2024 13:47:00	11.3	9.0	-2.2	0.01	0.00	-0.01	0.9	WSW
2/23/2024 13:48:00	11.0	9.1	-1.9	0.01	0.00	-0.01	0.9	SE
2/23/2024 13:49:00	10.9	9.1	-1.9	0.01	0.00	-0.01	0.9	SSE
2/23/2024 13:50:00	10.8	9.0	-1.9	0.01	0.00	-0.01	0.9	SW
2/23/2024 13:51:00	10.7	8.8	-1.9	0.01	0.00	-0.01	1.0	SSW
2/23/2024 13:52:00	10.6	8.7	-1.9	0.01	0.00	-0.01	1.0	SW
2/23/2024 13:53:00	10.4	8.6	-1.8	0.01	0.01	-0.01	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
2/23/2024 13:54:00	10.3	8.6	-1.8	0.01	0.01	-0.01	1.1	SW
2/23/2024 13:55:00	10.2	8.5	-1.7	0.01	0.01	-0.01	1.1	SW
2/23/2024 13:56:00	10.3	8.2	-2.1	0.01	0.01	-0.01	1.1	SSE
2/23/2024 13:57:00	10.2	8.1	-2.1	0.01	0.01	-0.01	1.2	WSW
2/23/2024 13:58:00	10.1	8.0	-2.1	0.01	0.01	-0.01	1.2	WSW
2/23/2024 13:59:00	10.1	8.0	-2.1	0.01	0.01	-0.01	1.2	WNW
2/23/2024 14:00:00	9.8	8.0	-1.8	0.01	0.01	-0.01	1.1	SE
2/23/2024 14:01:00	9.8	7.9	-1.8	0.01	0.01	-0.01	1.2	WNW
2/23/2024 14:02:00	9.5	8.0	-1.5	0.01	0.01	-0.01	1.2	ENE
2/23/2024 14:03:00	9.4	7.9	-1.5	0.01	0.00	-0.01	1.2	N
2/23/2024 14:04:00	9.3	7.8	-1.5	0.01	0.00	-0.01	1.2	W
2/23/2024 14:05:00	9.3	7.8	-1.5	0.01	0.00	-0.01	1.1	S