

DAILY FIELD REPORT 207

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	March 12, 2024
------------------------	---------	--------------	----------------

Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 3:30 pm
----------------------	---	--------------	--------------------

Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Carli Piretra (Environmental)
--	---

Construction Manager: Consigli Construction Co., Inc. (Consigli)

Foundation Contractor: Urban Foundation/Engineering (Urban)
--

Work Activities Performed:

- Urban excavated an about 10-foot-long by 15-foot-wide area to a depth of about 13 feet below grade surface (bgs) in the northern part of grids WC04_10-15 and WC05_10-15 as part of the remedial excavation of the former underground storage tank (UST). Excavated material consisted of non-native soil; residual/weathered petroleum impacts, including odors, staining, and elevated photoionization detector (PID) readings up to 3.5 parts per million (ppm) were observed. Excavated non-native soil was live-loaded into trucks for off-site disposal at the Clean Earth of Carteret LLC facility located in Carteret, NJ.
- Urban excavated an about 10-foot-long by 15-foot-wide area from about 15 feet bgs to 20 feet bgs in the southern part of grid WC02_15-20 for the installation of timber lagging. Excavated soil/fill was live-loaded into trucks for off-site disposal at the Clean Earth of Carteret LLC facility located in Carteret, NJ.
- Urban graded an about 15-foot-long by 15-foot-wide area in the central part of grid WC04 for equipment mobilization.
- During routine maintenance of the excavator, Urban released less than 5 gallons of hydraulic fluid onto the concrete-paved sidewalk in the western part of the site. Spill kits and absorbent pads were applied immediately to the area and the release was contained. No staining, odor, or elevated photoionization detector (PID) readings were observed on the underlying concrete pavement following the cleanup.
- Urban continued installing waterproofing/vapor barrier membranes (GCP Preprufe® 300R and related products) in the central 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:
 - 5 loads of soil/fill from waste characterization grids WC02_10-15, WC02_15-20, WC04_0-5, WC04_5-10, WC04_10-15, WC05_0-5, WC05_5-10, and WC05_10-15 were exported for off-site disposal at the Clean Earth of Carteret LLC facility in Carteret, NJ.
- The following materials were imported to the site:
 - 3 loads of pipe sand from North American Aggregate Mining Operations located in Perth Amboy, NJ were 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	-	5	100	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	308	6,160	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>Tilcon Clinton Point Quarry / Pier J – Brooklyn Navy Yard</i>		<i>Stavola Bound Brook / North Shore Terminal</i>		<i>North American Aggregate Mining Operations</i>	
Location	<i>Staten Island, NY</i>		<i>Brooklyn, 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 #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)	Number of Loads	Approx. Volume (CY)
	0	-	0	-	0	-	3	75
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	6	120	0	-	3	60	11	275
Approved Quantity	-	500	-	500	-	200	-	300

Samples Collected:

- Langan collected one confirmation endpoint sample (Sample IDs UST_RE_EPB08_el_N5) from the base of the remedial excavation in the southern part of the site to be analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) (including 1,4-dioxane via Method 8270-SIM), polychlorinated biphenyls (PCBs), pesticides, herbicides, metals (including trivalent and hexavalent chromium), and total cyanide.

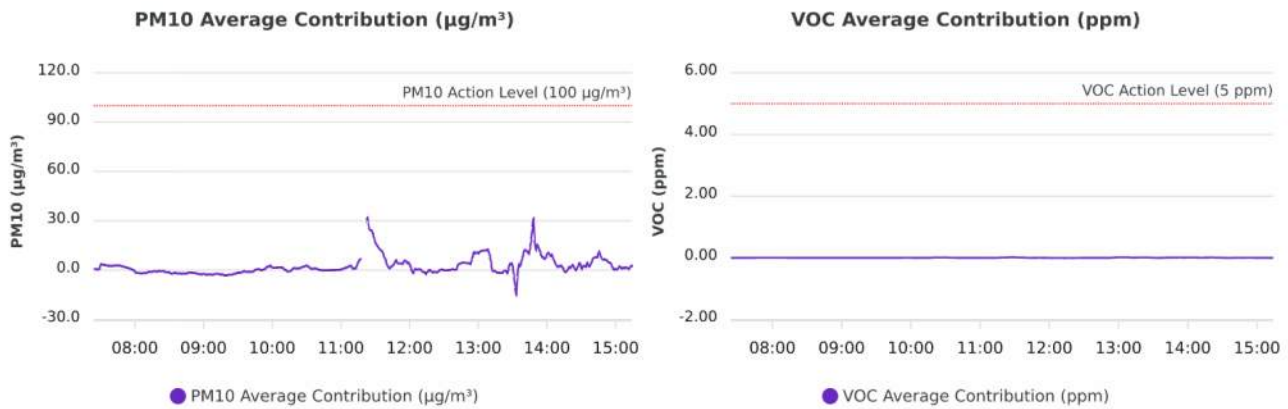
Air Monitoring:

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

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	6.3	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-15.6	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	32.4	VOC Average Site Contribution (Maximum)	0.02

µg/m³: micrograms per cubic meter.

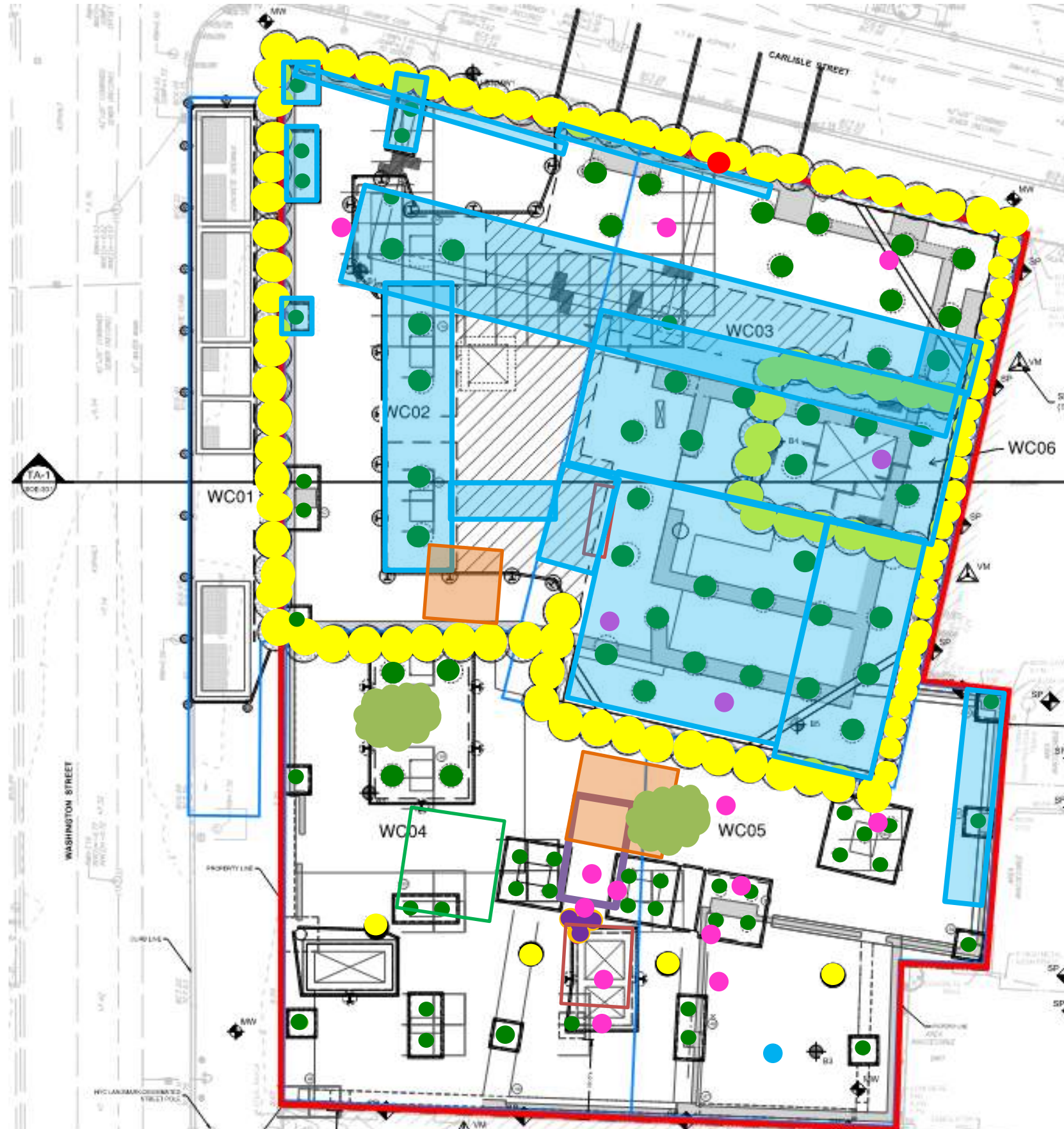
ppm: parts per million.



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**

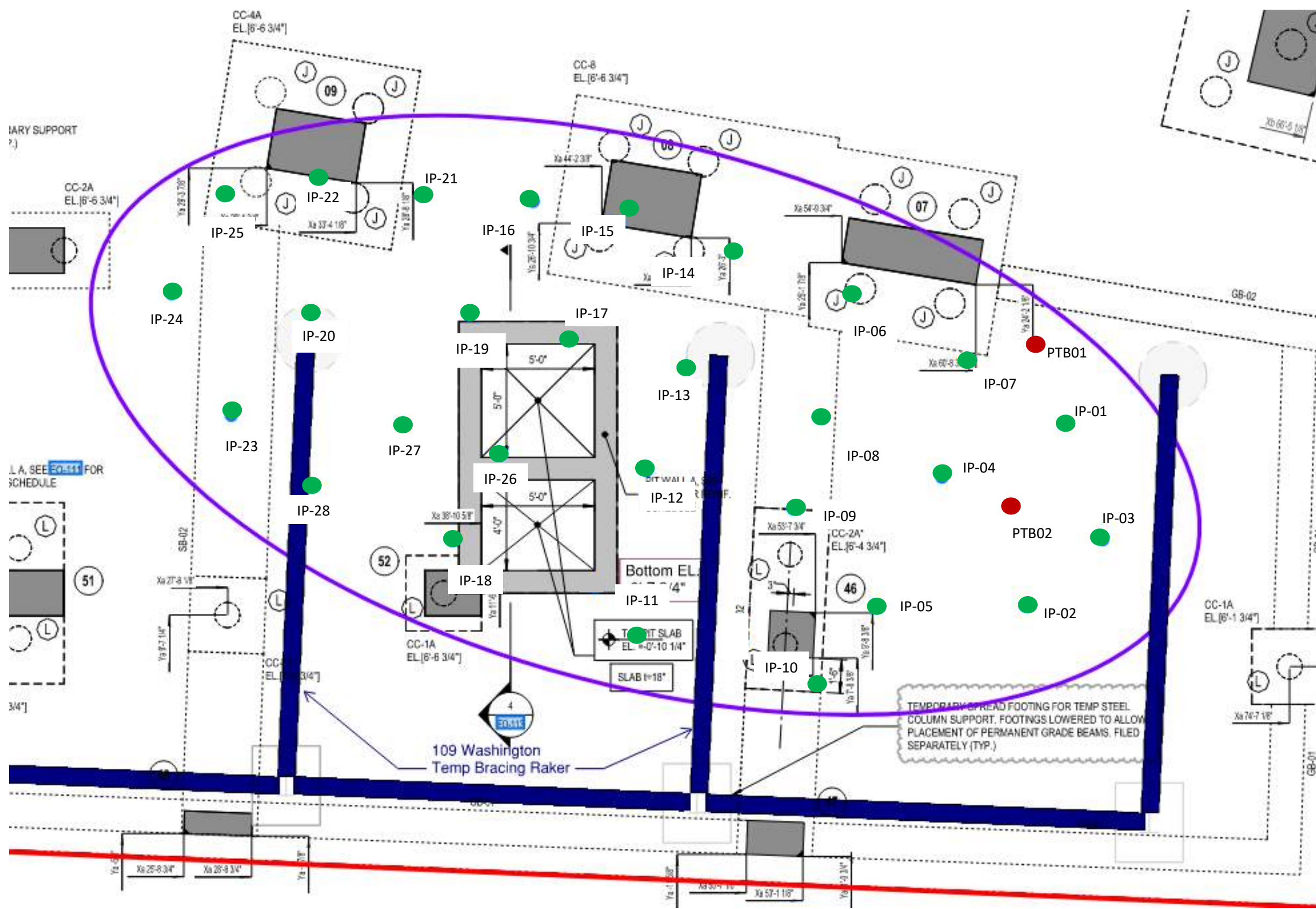


Photo Log

Photo 1: Urban excavating non-native soil with residual/ weathered petroleum impacts observed in grids WC05/WC04 (facing northeast).



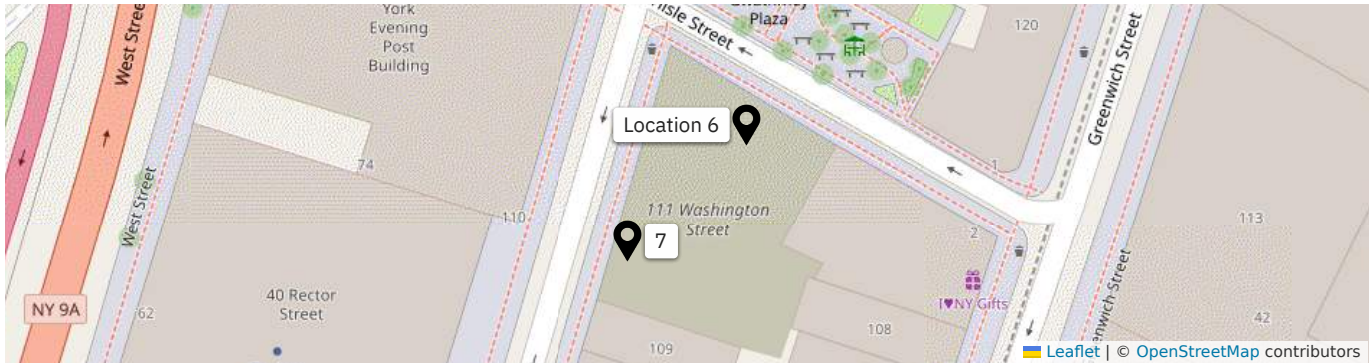
Photo 2: Urban loading a truck with soil/fill for off-site disposal (facing southeast).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	3/12/2024 06:00
		To:	3/12/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

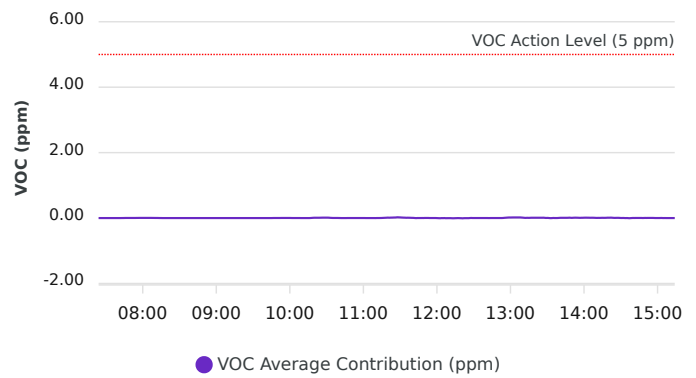
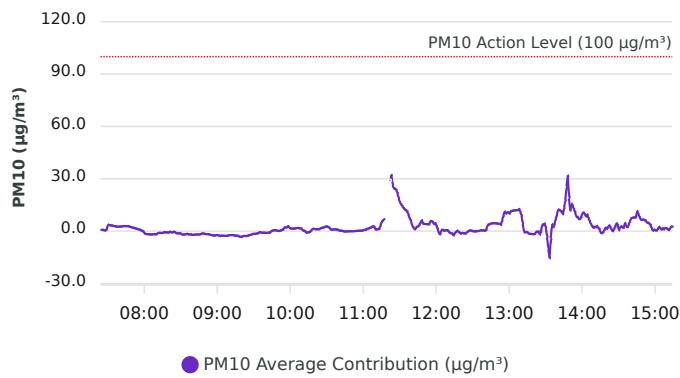
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
3/12/2024	0.4-3	ENE

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 3/12/2024	-15.6	13:33	-0.01	12:21
Max Contribution (15 min avg.) - 3/12/2024	32.4	11:23	0.02	11:28

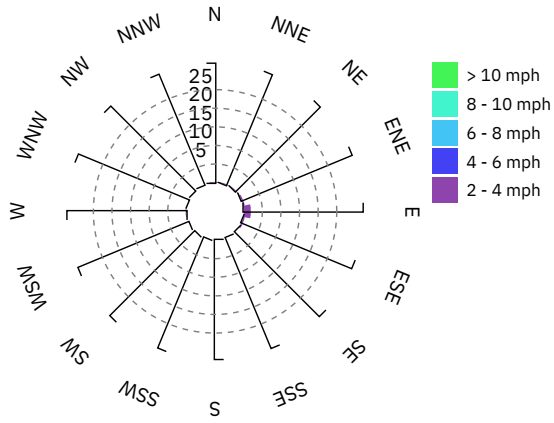


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
3/12/2024 07:24:00	6.3	7.1	0.7	0.00	0.00	0.00	1.1	ENE
3/12/2024 07:25:00	6.1	6.9	0.8	0.00	0.00	0.00	1.2	E
3/12/2024 07:26:00	5.9	6.6	0.7	0.00	0.00	0.00	1.1	NE
3/12/2024 07:27:00	6.0	6.3	0.3	0.00	0.00	0.00	1.1	WNW
3/12/2024 07:28:00	5.8	6.3	0.5	0.00	0.00	0.00	1.1	ENE
3/12/2024 07:29:00	5.5	6.7	1.1	0.00	0.00	0.00	1.1	E
3/12/2024 07:30:00	5.4	9.2	3.8	0.00	0.00	0.00	1.3	ENE
3/12/2024 07:31:00	5.3	8.8	3.5	0.00	0.00	0.00	1.3	ENE
3/12/2024 07:32:00	5.2	8.5	3.3	0.00	0.00	0.00	1.2	NE
3/12/2024 07:33:00	5.1	8.4	3.3	0.00	0.00	0.00	1.3	NE
3/12/2024 07:34:00	5.0	8.1	3.1	0.00	0.00	0.00	1.2	NW
3/12/2024 07:35:00	5.0	7.9	2.9	0.00	0.00	0.00	1.2	E
3/12/2024 07:36:00	5.0	7.8	2.8	0.00	0.00	0.00	1.2	NNE
3/12/2024 07:37:00	5.0	7.6	2.6	0.00	0.00	0.00	1.2	NNW
3/12/2024 07:38:00	5.0	7.5	2.5	0.00	0.00	0.00	1.2	NE
3/12/2024 07:39:00	4.8	7.4	2.6	0.00	0.00	0.00	1.2	E
3/12/2024 07:40:00	4.8	7.4	2.6	0.00	0.00	0.00	1.2	NE
3/12/2024 07:41:00	4.8	7.4	2.6	0.00	0.00	0.00	1.2	E
3/12/2024 07:42:00	4.7	7.6	2.9	0.00	0.00	0.00	1.3	E
3/12/2024 07:43:00	4.7	7.7	2.9	0.00	0.00	0.00	1.3	ENE
3/12/2024 07:44:00	4.8	7.7	2.9	0.00	0.00	0.00	1.3	E
3/12/2024 07:45:00	4.9	7.7	2.8	0.00	0.00	0.00	1.3	NE
3/12/2024 07:46:00	5.0	8.0	3.0	0.00	0.00	0.00	1.3	NE
3/12/2024 07:47:00	5.1	7.8	2.8	0.00	0.00	0.00	1.4	NNW
3/12/2024 07:48:00	5.2	7.6	2.4	0.00	0.00	0.00	1.4	ENE
3/12/2024 07:49:00	5.2	7.5	2.3	0.00	0.00	0.00	1.4	ESE
3/12/2024 07:50:00	5.3	7.4	2.1	0.00	0.00	0.00	1.3	NNE
3/12/2024 07:51:00	5.3	7.2	1.9	0.00	0.00	0.00	1.4	E
3/12/2024 07:52:00	5.3	7.0	1.7	0.00	0.00	0.00	1.4	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
3/12/2024 07:53:00	5.4	6.9	1.5	0.00	0.00	0.00	1.4	NE
3/12/2024 07:54:00	5.5	6.8	1.3	0.00	0.00	0.00	1.4	ENE
3/12/2024 07:55:00	5.5	6.5	1.0	0.00	0.00	0.00	1.4	ENE
3/12/2024 07:56:00	5.5	6.4	0.8	0.00	0.00	0.00	1.4	ENE
3/12/2024 07:57:00	5.5	6.0	0.5	0.00	0.01	0.01	1.4	E
3/12/2024 07:58:00	5.5	5.7	0.2	0.00	0.01	0.01	1.4	ENE
3/12/2024 07:59:00	5.5	5.3	-0.1	0.00	0.01	0.01	1.3	NE
3/12/2024 08:00:00	5.5	4.2	-1.3	0.00	0.01	0.01	1.3	ENE
3/12/2024 08:01:00	5.5	3.8	-1.7	0.00	0.01	0.01	1.3	N
3/12/2024 08:02:00	5.5	3.7	-1.7	0.00	0.01	0.01	1.2	ENE
3/12/2024 08:03:00	5.4	3.7	-1.7	0.00	0.01	0.01	1.2	NNE
3/12/2024 08:04:00	5.4	3.6	-1.8	0.00	0.01	0.01	1.3	E
3/12/2024 08:05:00	5.4	3.5	-1.9	0.00	0.01	0.01	1.3	NNW
3/12/2024 08:06:00	5.4	3.5	-2.0	0.00	0.01	0.01	1.3	ESE
3/12/2024 08:07:00	5.2	3.6	-1.6	0.00	0.01	0.01	1.2	SW
3/12/2024 08:08:00	5.2	3.5	-1.7	0.00	0.00	0.00	1.2	E
3/12/2024 08:09:00	5.3	3.4	-1.9	0.00	0.00	0.00	1.3	E
3/12/2024 08:10:00	5.3	3.6	-1.7	0.00	0.00	0.00	1.3	NE
3/12/2024 08:11:00	5.3	4.1	-1.1	0.00	0.00	0.00	1.3	ENE
3/12/2024 08:12:00	5.3	4.3	-0.9	0.00	0.00	0.00	1.3	E
3/12/2024 08:13:00	5.3	4.3	-1.0	0.00	0.00	0.00	1.2	N
3/12/2024 08:14:00	5.3	4.2	-1.1	0.00	0.00	0.00	1.2	ENE
3/12/2024 08:15:00	5.0	4.1	-1.0	0.00	0.00	0.00	1.2	SSW
3/12/2024 08:16:00	4.8	4.2	-0.6	0.00	0.00	0.00	1.2	SSE
3/12/2024 08:17:00	4.8	4.2	-0.7	0.00	0.00	0.00	1.2	ENE
3/12/2024 08:18:00	4.9	4.2	-0.7	0.00	0.00	0.00	1.2	E
3/12/2024 08:19:00	5.0	4.2	-0.8	0.00	0.00	0.00	1.2	E
3/12/2024 08:20:00	5.1	4.3	-0.7	0.00	0.00	0.00	1.3	E
3/12/2024 08:21:00	4.9	4.6	-0.3	0.00	0.00	0.00	1.3	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
3/12/2024 08:22:00	5.1	4.4	-0.7	0.00	0.00	0.00	1.3	NW
3/12/2024 08:23:00	5.2	4.4	-0.7	0.00	0.00	0.00	1.3	ENE
3/12/2024 08:24:00	5.0	4.7	-0.3	0.00	0.00	0.00	1.3	NW
3/12/2024 08:25:00	5.0	4.4	-0.6	0.00	0.00	0.00	1.3	ENE
3/12/2024 08:26:00	5.0	3.8	-1.1	0.00	0.00	0.00	1.4	E
3/12/2024 08:27:00	5.0	3.7	-1.3	0.00	0.00	0.00	1.3	ENE
3/12/2024 08:28:00	5.0	3.8	-1.2	0.00	0.00	0.00	1.4	ENE
3/12/2024 08:29:00	5.0	3.9	-1.1	0.00	0.00	0.00	1.3	ESE
3/12/2024 08:30:00	5.3	3.7	-1.6	0.00	0.00	0.00	1.4	ENE
3/12/2024 08:31:00	5.5	3.6	-2.0	0.00	0.00	0.00	1.4	ENE
3/12/2024 08:32:00	5.6	3.6	-1.9	0.00	0.00	0.00	1.4	SE
3/12/2024 08:33:00	5.6	3.7	-1.9	0.00	0.00	0.00	1.4	ENE
3/12/2024 08:34:00	5.6	3.8	-1.8	0.00	0.00	0.00	1.4	E
3/12/2024 08:35:00	5.4	4.0	-1.5	0.00	0.00	0.00	1.3	SSW
3/12/2024 08:36:00	5.8	3.9	-1.9	0.00	0.00	0.00	1.3	NW
3/12/2024 08:37:00	5.8	3.9	-1.8	0.00	0.00	0.00	1.3	ENE
3/12/2024 08:38:00	5.7	4.0	-1.8	0.00	0.00	0.00	1.3	ENE
3/12/2024 08:39:00	5.9	3.8	-2.1	0.00	0.00	0.00	1.2	ENE
3/12/2024 08:40:00	6.0	3.8	-2.1	0.00	0.00	0.00	1.2	E
3/12/2024 08:41:00	6.0	4.0	-2.0	0.00	0.00	0.00	1.2	NE
3/12/2024 08:42:00	6.2	4.3	-1.8	0.00	0.00	0.00	1.2	E
3/12/2024 08:43:00	6.4	4.4	-1.9	0.00	0.00	0.00	1.2	NNW
3/12/2024 08:44:00	6.5	4.5	-2.0	0.00	0.00	0.00	1.2	ENE
3/12/2024 08:45:00	6.5	4.5	-1.9	0.00	0.00	0.00	1.2	E
3/12/2024 08:46:00	6.5	4.8	-1.8	0.00	0.00	0.00	1.2	E
3/12/2024 08:47:00	6.5	5.2	-1.3	0.00	0.00	0.00	1.2	E
3/12/2024 08:48:00	6.5	5.2	-1.4	0.00	0.00	0.00	1.3	NE
3/12/2024 08:49:00	6.5	5.1	-1.4	0.00	0.00	0.00	1.2	ENE
3/12/2024 08:50:00	6.7	5.0	-1.7	0.00	0.00	0.00	1.2	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
3/12/2024 08:51:00	6.5	4.8	-1.7	0.00	0.00	0.00	1.2	E
3/12/2024 08:52:00	6.5	4.7	-1.7	0.00	0.00	0.00	1.2	E
3/12/2024 08:53:00	6.5	4.7	-1.8	0.00	0.00	0.00	1.2	NE
3/12/2024 08:54:00	6.8	4.7	-2.1	0.00	0.00	0.00	1.2	NW
3/12/2024 08:55:00	7.1	4.8	-2.3	0.00	0.00	0.00	1.2	N
3/12/2024 08:56:00	7.1	4.7	-2.3	0.00	0.00	0.00	1.2	ENE
3/12/2024 08:57:00	7.0	4.4	-2.6	0.00	0.00	0.00	1.2	ENE
3/12/2024 08:58:00	6.8	4.3	-2.5	0.00	0.00	0.00	1.2	NNE
3/12/2024 08:59:00	6.5	4.3	-2.2	0.00	0.00	0.00	1.1	WNW
3/12/2024 09:00:00	6.5	4.3	-2.2	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:01:00	6.5	4.0	-2.5	0.00	0.00	0.00	1.1	NE
3/12/2024 09:02:00	6.4	3.5	-2.9	0.00	0.00	0.00	1.0	ESE
3/12/2024 09:03:00	6.2	3.6	-2.5	0.00	0.00	0.00	1.0	WSW
3/12/2024 09:04:00	6.2	3.6	-2.6	0.00	0.00	0.00	1.1	NE
3/12/2024 09:05:00	6.2	3.5	-2.7	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:06:00	6.2	3.5	-2.7	0.00	0.00	0.00	1.0	E
3/12/2024 09:07:00	6.2	3.5	-2.8	0.00	0.00	0.00	1.1	E
3/12/2024 09:08:00	6.2	3.5	-2.7	0.00	0.00	0.00	1.1	E
3/12/2024 09:09:00	5.8	3.5	-2.4	0.00	0.00	0.00	1.1	E
3/12/2024 09:10:00	5.6	3.3	-2.2	0.00	0.00	0.00	1.0	ESE
3/12/2024 09:11:00	5.5	3.3	-2.3	0.00	0.00	0.00	1.0	E
3/12/2024 09:12:00	5.5	3.3	-2.2	0.00	0.00	0.00	1.0	SE
3/12/2024 09:13:00	5.5	3.2	-2.3	0.00	0.00	0.00	1.0	ENE
3/12/2024 09:14:00	5.6	3.0	-2.6	0.00	0.00	0.00	1.0	ENE
3/12/2024 09:15:00	5.6	3.0	-2.6	0.00	0.00	0.00	1.0	N
3/12/2024 09:16:00	5.6	3.0	-2.6	0.00	0.00	0.00	1.0	E
3/12/2024 09:17:00	5.7	3.0	-2.7	0.00	0.00	0.00	1.1	NE
3/12/2024 09:18:00	6.0	2.8	-3.3	0.00	0.00	0.00	1.1	NE
3/12/2024 09:19:00	6.0	2.8	-3.3	0.00	0.00	0.00	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
3/12/2024 09:20:00	6.0	2.8	-3.2	0.00	0.00	0.00	1.1	E
3/12/2024 09:21:00	5.8	3.0	-2.8	0.00	0.00	0.00	1.1	S
3/12/2024 09:22:00	5.8	3.0	-2.8	0.00	0.00	0.00	1.1	SE
3/12/2024 09:23:00	5.8	3.0	-2.8	0.00	0.00	0.00	1.1	E
3/12/2024 09:24:00	5.7	3.0	-2.8	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:25:00	5.7	3.1	-2.6	0.00	0.00	0.00	1.1	E
3/12/2024 09:26:00	5.6	3.3	-2.3	0.00	0.00	0.00	1.1	SW
3/12/2024 09:27:00	5.6	3.4	-2.2	0.00	0.00	0.00	1.1	NNE
3/12/2024 09:28:00	5.6	3.6	-1.9	0.00	0.00	0.00	1.1	ESE
3/12/2024 09:29:00	5.6	4.0	-1.6	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:30:00	5.6	4.0	-1.6	0.00	0.00	0.00	1.2	NNE
3/12/2024 09:31:00	5.6	4.0	-1.5	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:32:00	5.5	4.1	-1.4	0.00	0.00	0.00	1.1	E
3/12/2024 09:33:00	5.3	4.1	-1.3	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:34:00	5.1	4.3	-0.8	0.00	0.00	0.00	1.1	S
3/12/2024 09:35:00	5.0	4.5	-0.5	0.00	0.00	0.00	1.1	NW
3/12/2024 09:36:00	5.2	4.3	-0.9	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:37:00	5.3	4.3	-0.9	0.00	0.00	0.00	1.2	E
3/12/2024 09:38:00	5.3	4.4	-0.9	0.00	0.00	0.00	1.1	NNE
3/12/2024 09:39:00	5.3	4.4	-0.9	0.00	0.00	0.00	1.1	NE
3/12/2024 09:40:00	5.3	4.3	-1.1	0.00	0.00	0.00	1.1	E
3/12/2024 09:41:00	5.3	4.3	-1.1	0.00	0.00	0.00	1.1	W
3/12/2024 09:42:00	5.2	4.4	-0.8	0.00	0.00	0.00	1.1	SSE
3/12/2024 09:43:00	5.2	4.3	-0.9	0.00	0.00	0.00	1.1	SSW
3/12/2024 09:44:00	5.3	5.1	-0.2	0.00	0.00	0.00	1.0	E
3/12/2024 09:45:00	5.6	5.9	0.3	0.00	0.00	0.00	1.0	ENE
3/12/2024 09:46:00	5.6	6.0	0.5	0.00	0.00	0.00	1.0	ENE
3/12/2024 09:47:00	5.6	6.1	0.5	0.00	0.00	0.00	1.0	ENE
3/12/2024 09:48:00	5.6	6.2	0.6	0.00	0.00	0.00	1.0	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
3/12/2024 09:49:00	5.7	6.0	0.3	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:50:00	5.8	5.8	0.0	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:51:00	5.8	5.9	0.1	0.00	0.00	0.00	1.1	E
3/12/2024 09:52:00	5.8	6.2	0.4	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:53:00	5.7	6.5	0.8	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:54:00	5.7	6.7	1.0	0.00	0.00	0.00	1.1	E
3/12/2024 09:55:00	5.7	7.8	2.2	0.00	0.00	0.00	1.1	ENE
3/12/2024 09:56:00	5.8	7.8	2.0	0.00	0.00	0.00	1.1	WNW
3/12/2024 09:57:00	5.9	8.1	2.2	0.00	0.00	0.00	1.2	NE
3/12/2024 09:58:00	5.9	8.8	3.0	0.00	0.00	0.00	1.2	ESE
3/12/2024 09:59:00	5.7	7.7	2.0	0.00	0.00	0.00	1.2	E
3/12/2024 10:00:00	5.4	6.9	1.5	0.00	0.00	0.00	1.2	ESE
3/12/2024 10:01:00	5.4	6.9	1.4	0.00	0.00	0.00	1.2	ESE
3/12/2024 10:02:00	5.4	6.9	1.4	0.00	0.00	0.00	1.1	ENE
3/12/2024 10:03:00	5.4	6.9	1.5	0.00	0.00	0.00	1.1	NE
3/12/2024 10:04:00	5.4	7.0	1.6	0.00	0.00	0.00	1.1	SE
3/12/2024 10:05:00	5.3	7.2	1.8	0.00	0.00	0.00	1.0	W
3/12/2024 10:06:00	5.3	7.1	1.8	0.00	0.00	0.00	1.1	NE
3/12/2024 10:07:00	5.3	7.0	1.7	0.00	0.00	0.00	1.0	NE
3/12/2024 10:08:00	5.2	6.8	1.6	0.00	0.00	0.00	1.0	SSE
3/12/2024 10:09:00	5.2	6.7	1.5	0.00	0.00	0.00	1.0	ENE
3/12/2024 10:10:00	5.1	5.6	0.4	0.00	0.00	0.00	1.0	NNE
3/12/2024 10:11:00	5.2	5.5	0.3	0.00	0.00	0.00	1.0	ENE
3/12/2024 10:12:00	5.1	5.0	-0.1	0.00	0.00	0.00	1.0	E
3/12/2024 10:13:00	5.1	4.2	-1.0	0.00	0.00	0.00	1.0	ENE
3/12/2024 10:14:00	5.0	4.3	-0.7	0.00	0.00	0.00	1.0	W
3/12/2024 10:15:00	5.0	4.3	-0.7	0.00	0.00	0.00	1.0	ENE
3/12/2024 10:16:00	5.0	4.6	-0.4	0.00	0.00	0.00	1.0	NNW
3/12/2024 10:17:00	5.0	5.3	0.4	0.00	0.00	0.00	1.0	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
3/12/2024 10:18:00	5.0	6.2	1.2	0.00	0.01	0.01	1.0	NNW
3/12/2024 10:19:00	5.0	6.4	1.4	0.00	0.01	0.01	1.0	ENE
3/12/2024 10:20:00	5.2	6.3	1.1	0.00	0.01	0.01	1.0	NNE
3/12/2024 10:21:00	5.2	6.4	1.1	0.00	0.01	0.01	0.9	NNE
3/12/2024 10:22:00	5.3	6.3	1.1	0.00	0.01	0.01	1.0	E
3/12/2024 10:23:00	5.4	6.4	1.0	0.00	0.01	0.01	1.0	E
3/12/2024 10:24:00	5.4	6.7	1.3	0.00	0.01	0.01	0.9	ESE
3/12/2024 10:25:00	5.5	7.2	1.8	0.00	0.01	0.01	0.9	E
3/12/2024 10:26:00	5.5	7.5	2.0	0.00	0.01	0.01	1.0	ENE
3/12/2024 10:27:00	5.5	7.5	2.0	0.00	0.01	0.01	0.9	E
3/12/2024 10:28:00	5.5	7.9	2.4	0.00	0.01	0.01	0.9	E
3/12/2024 10:29:00	5.7	8.3	2.7	0.00	0.01	0.01	0.9	NE
3/12/2024 10:30:00	5.7	8.3	2.7	0.00	0.01	0.01	0.9	ENE
3/12/2024 10:31:00	5.7	8.1	2.4	0.00	0.01	0.01	1.0	ESE
3/12/2024 10:32:00	5.6	7.4	1.9	0.00	0.01	0.01	1.0	SSW
3/12/2024 10:33:00	5.5	6.5	1.0	0.00	0.01	0.01	1.1	ENE
3/12/2024 10:34:00	5.5	6.3	0.8	0.00	0.01	0.01	1.1	ENE
3/12/2024 10:35:00	5.4	6.3	1.0	0.00	0.00	0.00	1.1	NW
3/12/2024 10:36:00	5.3	6.3	1.0	0.00	0.00	0.00	1.1	NE
3/12/2024 10:37:00	5.3	6.3	1.0	0.00	0.00	0.00	1.1	NE
3/12/2024 10:38:00	5.3	6.2	1.0	0.00	0.00	0.00	1.1	SE
3/12/2024 10:39:00	5.2	5.9	0.7	0.00	0.00	0.00	1.2	E
3/12/2024 10:40:00	5.2	5.6	0.4	0.00	0.00	0.00	1.2	N
3/12/2024 10:41:00	5.2	5.4	0.2	0.00	0.00	0.00	1.2	E
3/12/2024 10:42:00	5.2	5.4	0.2	0.00	0.00	0.00	1.2	NE
3/12/2024 10:43:00	5.2	5.2	0.1	0.00	0.00	0.00	1.3	E
3/12/2024 10:44:00	5.1	4.8	-0.3	0.00	0.00	0.00	1.3	ESE
3/12/2024 10:45:00	5.1	5.0	-0.2	0.00	0.00	0.00	1.3	ENE
3/12/2024 10:46:00	5.1	5.0	-0.1	0.00	0.00	0.00	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
3/12/2024 10:47:00	5.2	5.0	-0.2	0.00	0.00	0.00	1.3	ENE
3/12/2024 10:48:00	5.2	5.1	-0.1	0.00	0.00	0.00	1.3	NE
3/12/2024 10:49:00	5.1	5.2	0.1	0.00	0.00	0.00	1.3	ESE
3/12/2024 10:50:00	5.2	5.2	-0.1	0.00	0.00	0.00	1.4	E
3/12/2024 10:51:00	5.2	5.2	0.0	0.00	0.00	0.00	1.3	ENE
3/12/2024 10:52:00	5.3	5.3	0.0	0.00	0.00	0.00	1.3	NE
3/12/2024 10:53:00	5.3	5.4	0.1	0.00	0.00	0.00	1.4	E
3/12/2024 10:54:00	5.3	5.5	0.1	0.00	0.00	0.00	1.3	N
3/12/2024 10:55:00	5.3	5.5	0.1	0.00	0.00	0.00	1.4	ENE
3/12/2024 10:56:00	5.4	5.6	0.2	0.00	0.00	0.00	1.4	NNE
3/12/2024 10:57:00	5.4	5.7	0.3	0.00	0.00	0.00	1.4	ENE
3/12/2024 10:58:00	5.4	5.6	0.2	0.00	0.00	0.00	1.4	NE
3/12/2024 10:59:00	5.4	5.7	0.3	0.00	0.00	0.00	1.3	E
3/12/2024 11:00:00	5.4	6.1	0.6	0.00	0.00	0.00	1.3	NE
3/12/2024 11:01:00	5.5	6.2	0.7	0.00	0.00	0.00	1.3	E
3/12/2024 11:02:00	5.5	6.4	0.9	0.00	0.00	0.00	1.3	E
3/12/2024 11:03:00	5.5	6.8	1.3	0.00	0.00	0.00	1.3	NE
3/12/2024 11:04:00	5.6	7.1	1.6	0.00	0.00	0.00	1.3	E
3/12/2024 11:05:00	5.6	7.4	1.8	0.00	0.00	0.00	1.2	N
3/12/2024 11:06:00	5.7	7.7	2.1	0.00	0.00	0.00	1.2	ENE
3/12/2024 11:07:00	5.7	8.1	2.5	0.00	0.00	0.00	1.2	NNE
3/12/2024 11:08:00	5.7	8.7	3.0	0.00	0.00	0.00	1.1	ENE
3/12/2024 11:09:00	6.5	8.7	2.2	0.00	0.00	0.00	1.1	W
3/12/2024 11:10:00	8.0	8.8	0.8	0.00	0.00	0.00	1.1	SW
3/12/2024 11:11:00	8.1	9.1	1.1	0.00	0.00	0.00	1.0	ESE
3/12/2024 11:12:00	8.1	9.3	1.2	0.00	0.00	0.00	1.0	E
3/12/2024 11:13:00	8.1	9.4	1.3	0.00	0.00	0.00	1.0	E
3/12/2024 11:14:00	8.0	11.4	3.4	0.00	0.00	0.00	1.0	NE
3/12/2024 11:15:00	8.0	13.4	5.4	0.00	0.00	0.00	1.0	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
3/12/2024 11:16:00	8.1	14.3	6.1	0.00	0.01	0.01	1.0	NNE
3/12/2024 11:17:00	8.5	15.4	6.9	0.00	0.01	0.01	0.9	ENE
3/12/2024 11:18:00				0.00	0.01	0.01	0.9	E
3/12/2024 11:19:00				0.01	0.02	0.01	0.9	E
3/12/2024 11:20:00				0.01	0.02	0.01	1.0	E
3/12/2024 11:21:00				0.01	0.02	0.01	1.0	W
3/12/2024 11:22:00	6.7	35.7	29.0	0.01	0.02	0.01	1.0	ESE
3/12/2024 11:23:00	6.6	39.0	32.4	0.01	0.02	0.01	1.1	E
3/12/2024 11:24:00	6.4	32.7	26.4	0.01	0.02	0.01	1.1	NE
3/12/2024 11:25:00	6.4	30.7	24.4	0.01	0.03	0.02	1.1	E
3/12/2024 11:26:00	6.7	31.0	24.3	0.01	0.03	0.02	1.2	ESE
3/12/2024 11:27:00	7.0	30.6	23.6	0.01	0.03	0.02	1.2	E
3/12/2024 11:28:00	6.8	28.5	21.7	0.01	0.03	0.02	1.2	E
3/12/2024 11:29:00	7.0	25.7	18.7	0.01	0.03	0.02	1.2	WSW
3/12/2024 11:30:00	7.2	23.5	16.3	0.01	0.03	0.02	1.3	WSW
3/12/2024 11:31:00	7.1	22.5	15.3	0.01	0.03	0.02	1.2	ESE
3/12/2024 11:32:00	7.2	21.4	14.3	0.01	0.03	0.01	1.2	ENE
3/12/2024 11:33:00	7.1	20.2	13.1	0.01	0.02	0.01	1.3	ENE
3/12/2024 11:34:00	6.9	19.3	12.4	0.01	0.02	0.01	1.3	E
3/12/2024 11:35:00	6.8	18.7	11.9	0.01	0.01	0.01	1.3	E
3/12/2024 11:36:00	6.7	17.9	11.2	0.00	0.01	0.01	1.4	E
3/12/2024 11:37:00	6.6	16.0	9.4	0.00	0.01	0.01	1.4	E
3/12/2024 11:38:00	6.5	13.6	7.1	0.00	0.01	0.01	1.4	ENE
3/12/2024 11:39:00	6.4	12.6	6.2	0.00	0.01	0.01	1.4	NE
3/12/2024 11:40:00	8.3	11.4	3.1	0.00	0.01	0.01	1.4	SW
3/12/2024 11:41:00	8.2	10.3	2.1	0.00	0.01	0.01	1.4	ENE
3/12/2024 11:42:00	8.0	8.9	1.0	0.00	0.00	0.00	1.4	ENE
3/12/2024 11:43:00	8.0	9.7	1.7	0.00	0.00	0.00	1.4	ENE
3/12/2024 11:44:00	7.9	10.4	2.5	0.00	0.00	0.00	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
3/12/2024 11:45:00	7.7	10.5	2.8	0.00	0.00	0.00	1.5	ENE
3/12/2024 11:46:00	7.7	11.3	3.7	0.00	0.00	0.00	1.5	ENE
3/12/2024 11:47:00	7.7	12.8	5.1	0.00	0.00	0.00	1.5	ESE
3/12/2024 11:48:00	7.7	14.1	6.4	0.00	0.00	0.00	1.5	E
3/12/2024 11:49:00	9.8	13.9	4.2	0.00	0.00	0.00	1.5	SW
3/12/2024 11:50:00	9.8	14.0	4.1	0.00	0.00	0.00	1.4	ESE
3/12/2024 11:51:00	9.8	13.9	4.1	0.00	0.01	0.00	1.4	ENE
3/12/2024 11:52:00	9.9	13.9	4.0	0.00	0.01	0.00	1.3	E
3/12/2024 11:53:00	10.1	14.0	3.9	0.00	0.01	0.00	1.3	E
3/12/2024 11:54:00	10.2	14.1	3.9	0.00	0.01	0.00	1.3	E
3/12/2024 11:55:00	8.3	14.2	5.9	0.00	0.01	0.00	1.3	ENE
3/12/2024 11:56:00	8.3	14.1	5.7	0.00	0.00	0.00	1.3	E
3/12/2024 11:57:00	8.8	14.1	5.3	0.00	0.00	0.00	1.3	E
3/12/2024 11:58:00	9.1	13.0	3.9	0.00	0.00	0.00	1.3	ESE
3/12/2024 11:59:00	9.1	13.8	4.7	0.00	0.00	0.00	1.3	NNE
3/12/2024 12:00:00	10.7	13.7	3.1	0.01	0.00	0.00	1.2	WNW
3/12/2024 12:01:00	11.3	12.6	1.3	0.01	0.00	0.00	1.1	W
3/12/2024 12:02:00	12.2	11.0	-1.2	0.01	0.00	-0.01	1.1	WNW
3/12/2024 12:03:00	12.2	10.3	-1.9	0.01	0.01	-0.01	1.1	E
3/12/2024 12:04:00	10.5	11.1	0.6	0.01	0.01	0.00	1.1	N
3/12/2024 12:05:00	10.6	11.4	0.9	0.01	0.01	0.00	1.0	ENE
3/12/2024 12:06:00	11.3	11.5	0.2	0.01	0.01	0.00	1.0	WSW
3/12/2024 12:07:00	11.6	12.0	0.5	0.02	0.02	0.00	1.0	E
3/12/2024 12:08:00	11.6	12.1	0.5	0.03	0.02	0.00	1.0	ENE
3/12/2024 12:09:00	11.7	12.3	0.6	0.03	0.02	0.00	0.9	ENE
3/12/2024 12:10:00	12.5	12.3	-0.2	0.03	0.02	0.00	0.9	SW
3/12/2024 12:11:00	13.0	12.0	-1.0	0.03	0.02	0.00	0.9	NW
3/12/2024 12:12:00	13.1	12.0	-1.1	0.03	0.02	-0.01	0.9	W
3/12/2024 12:13:00	13.1	11.7	-1.4	0.03	0.02	-0.01	0.9	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
3/12/2024 12:14:00	13.0	10.5	-2.5	0.03	0.03	-0.01	0.9	NE
3/12/2024 12:15:00	11.5	10.4	-1.1	0.03	0.03	0.00	0.9	WNW
3/12/2024 12:16:00	10.9	10.4	-0.5	0.03	0.03	0.00	0.9	ENE
3/12/2024 12:17:00	10.1	10.4	0.3	0.03	0.03	0.00	0.9	E
3/12/2024 12:18:00	10.0	9.7	-0.3	0.03	0.02	0.00	0.9	E
3/12/2024 12:19:00	9.8	8.9	-0.9	0.02	0.02	0.00	1.0	ENE
3/12/2024 12:20:00	9.6	8.2	-1.5	0.02	0.02	-0.01	1.0	W
3/12/2024 12:21:00	8.9	8.0	-0.9	0.02	0.01	-0.01	1.0	W
3/12/2024 12:22:00	8.6	7.4	-1.2	0.01	0.01	0.00	1.1	E
3/12/2024 12:23:00	8.4	7.2	-1.2	0.01	0.00	0.00	1.1	NE
3/12/2024 12:24:00	8.3	6.9	-1.4	0.01	0.00	0.00	1.1	ESE
3/12/2024 12:25:00	7.4	6.9	-0.6	0.01	0.00	0.00	1.1	ESE
3/12/2024 12:26:00	6.9	6.8	-0.1	0.00	0.00	0.00	1.1	E
3/12/2024 12:27:00	6.3	6.7	0.3	0.00	0.00	0.00	1.1	E
3/12/2024 12:28:00	6.1	6.6	0.5	0.00	0.00	0.00	1.1	NW
3/12/2024 12:29:00	6.1	6.3	0.2	0.00	0.00	0.00	1.2	WNW
3/12/2024 12:30:00	6.4	6.3	-0.1	0.00	0.00	0.00	1.1	NW
3/12/2024 12:31:00	6.4	6.2	-0.2	0.00	0.00	0.00	1.2	NE
3/12/2024 12:32:00	6.3	6.1	-0.1	0.00	0.00	0.00	1.2	E
3/12/2024 12:33:00	6.2	6.2	0.0	0.00	0.00	0.00	1.2	E
3/12/2024 12:34:00	6.3	6.4	0.1	0.00	0.00	0.00	1.2	ESE
3/12/2024 12:35:00	6.5	6.5	0.1	0.00	0.00	0.00	1.2	WNW
3/12/2024 12:36:00	6.6	7.0	0.5	0.00	0.00	0.00	1.2	NNW
3/12/2024 12:37:00	6.6	7.1	0.5	0.00	0.00	0.00	1.2	ENE
3/12/2024 12:38:00	6.8	7.4	0.5	0.00	0.00	0.00	1.2	N
3/12/2024 12:39:00	7.3	7.5	0.2	0.00	0.00	0.00	1.2	WSW
3/12/2024 12:40:00	7.3	7.6	0.3	0.00	0.00	0.00	1.2	E
3/12/2024 12:41:00	7.5	8.3	0.9	0.00	0.00	0.00	1.2	E
3/12/2024 12:42:00	7.6	11.1	3.5	0.00	0.00	0.00	1.2	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
3/12/2024 12:43:00	7.8	11.6	3.8	0.00	0.00	0.00	1.1	NNE
3/12/2024 12:44:00	8.0	12.0	4.1	0.00	0.00	0.00	1.1	ENE
3/12/2024 12:45:00	7.7	12.2	4.5	0.00	0.00	0.00	1.1	ENE
3/12/2024 12:46:00	7.7	12.2	4.5	0.00	0.00	0.00	1.1	ENE
3/12/2024 12:47:00	7.6	12.2	4.5	0.00	0.00	0.00	1.1	E
3/12/2024 12:48:00	7.7	12.2	4.5	0.00	0.00	0.00	1.1	E
3/12/2024 12:49:00	7.6	12.0	4.4	0.00	0.00	0.00	1.1	ENE
3/12/2024 12:50:00	7.5	11.9	4.5	0.00	0.00	0.00	1.2	E
3/12/2024 12:51:00	7.4	11.6	4.2	0.00	0.00	0.00	1.1	ENE
3/12/2024 12:52:00	7.3	11.5	4.2	0.00	0.00	0.00	1.1	E
3/12/2024 12:53:00	7.7	11.3	3.6	0.00	0.00	0.00	1.1	WNW
3/12/2024 12:54:00	7.4	13.6	6.2	0.00	0.00	0.00	1.1	ESE
3/12/2024 12:55:00	7.4	16.2	8.8	0.00	0.01	0.01	1.1	ENE
3/12/2024 12:56:00	7.5	18.8	11.3	0.00	0.01	0.01	1.2	ENE
3/12/2024 12:57:00	7.5	17.6	10.1	0.00	0.01	0.01	1.2	ENE
3/12/2024 12:58:00	7.4	18.1	10.7	0.00	0.02	0.02	1.2	E
3/12/2024 12:59:00	7.3	18.2	10.9	0.00	0.02	0.02	1.2	ENE
3/12/2024 13:00:00	8.5	18.4	10.0	0.00	0.02	0.02	1.2	W
3/12/2024 13:01:00	8.8	20.1	11.4	0.00	0.02	0.02	1.2	N
3/12/2024 13:02:00	8.9	20.5	11.6	0.00	0.02	0.02	1.2	ESE
3/12/2024 13:03:00	9.0	20.8	11.8	0.00	0.02	0.02	1.2	E
3/12/2024 13:04:00	9.0	20.9	11.9	0.00	0.02	0.02	1.2	E
3/12/2024 13:05:00	9.0	21.0	12.0	0.00	0.02	0.02	1.2	ENE
3/12/2024 13:06:00	8.9	21.0	12.1	0.00	0.02	0.02	1.3	ENE
3/12/2024 13:07:00	8.9	21.0	12.1	0.00	0.02	0.02	1.3	E
3/12/2024 13:08:00	8.4	21.2	12.8	0.00	0.02	0.02	1.3	ENE
3/12/2024 13:09:00	8.5	19.3	10.7	0.00	0.02	0.02	1.3	E
3/12/2024 13:10:00	8.4	17.4	8.9	0.00	0.01	0.01	1.3	NNE
3/12/2024 13:11:00	9.9	14.0	4.1	0.00	0.01	0.01	1.2	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
3/12/2024 13:12:00	13.1	12.4	-0.7	0.00	0.01	0.01	1.2	S
3/12/2024 13:13:00	12.9	12.3	-0.7	0.00	0.01	0.01	1.2	ENE
3/12/2024 13:14:00	12.8	12.4	-0.4	0.00	0.01	0.01	1.2	ESE
3/12/2024 13:15:00	12.9	12.1	-0.9	0.00	0.01	0.01	1.1	WNW
3/12/2024 13:16:00	12.7	11.2	-1.5	0.00	0.01	0.01	1.1	E
3/12/2024 13:17:00	12.6	11.0	-1.6	0.00	0.01	0.01	1.1	ENE
3/12/2024 13:18:00	12.5	10.9	-1.6	0.00	0.01	0.01	1.1	E
3/12/2024 13:19:00	12.5	10.8	-1.7	0.00	0.01	0.01	1.2	ENE
3/12/2024 13:20:00	12.6	10.9	-1.7	0.00	0.01	0.01	1.1	NNE
3/12/2024 13:21:00	12.6	11.1	-1.5	0.00	0.01	0.01	1.1	ESE
3/12/2024 13:22:00	12.7	12.3	-0.4	0.00	0.01	0.01	1.1	ENE
3/12/2024 13:23:00	12.6	12.4	-0.2	0.00	0.01	0.01	1.1	ENE
3/12/2024 13:24:00	12.7	12.4	-0.3	0.00	0.01	0.01	1.2	ESE
3/12/2024 13:25:00	13.7	11.6	-2.1	0.00	0.01	0.01	1.2	NW
3/12/2024 13:26:00	12.2	12.2	0.0	0.00	0.01	0.01	1.2	ENE
3/12/2024 13:27:00	9.2	13.2	4.0	0.00	0.01	0.01	1.2	ENE
3/12/2024 13:28:00	9.6	13.0	3.4	0.00	0.01	0.01	1.2	ENE
3/12/2024 13:29:00	9.8	14.3	4.4	0.00	0.01	0.00	1.3	E
3/12/2024 13:30:00	13.6	15.4	1.8	0.00	0.01	0.01	1.3	W
3/12/2024 13:31:00	20.0	16.5	-3.5	0.00	0.00	0.00	1.3	WNW
3/12/2024 13:32:00	27.8	17.4	-10.4	0.00	0.00	0.00	1.3	NW
3/12/2024 13:33:00	34.4	18.8	-15.6	0.00	0.00	0.00	1.3	NW
3/12/2024 13:34:00	35.1	31.0	-4.1	0.00	0.00	0.00	1.2	E
3/12/2024 13:35:00	35.1	39.2	4.1	0.00	0.01	0.00	1.2	E
3/12/2024 13:36:00	36.9	39.1	2.2	0.01	0.01	0.00	1.2	SSE
3/12/2024 13:37:00	37.4	41.3	4.0	0.01	0.01	0.00	1.2	E
3/12/2024 13:38:00	37.8	44.8	7.0	0.01	0.01	0.00	1.2	ENE
3/12/2024 13:39:00	38.0	47.3	9.3	0.01	0.01	0.00	1.2	E
3/12/2024 13:40:00	37.1	49.5	12.5	0.01	0.01	0.01	1.2	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
3/12/2024 13:41:00	37.0	49.2	12.2	0.01	0.01	0.01	1.2	ENE
3/12/2024 13:42:00	36.7	48.2	11.5	0.01	0.01	0.01	1.2	NE
3/12/2024 13:43:00	36.3	47.5	11.2	0.01	0.01	0.01	1.3	E
3/12/2024 13:44:00	36.0	45.5	9.6	0.01	0.01	0.01	1.3	ENE
3/12/2024 13:45:00	30.9	44.4	13.5	0.01	0.01	0.01	1.3	SSE
3/12/2024 13:46:00	24.3	42.3	18.0	0.01	0.01	0.01	1.3	E
3/12/2024 13:47:00	16.5	42.3	25.8	0.01	0.01	0.01	1.3	E
3/12/2024 13:48:00	10.2	42.2	32.0	0.00	0.01	0.01	1.4	ESE
3/12/2024 13:49:00	11.3	30.1	18.8	0.00	0.01	0.01	1.4	SSE
3/12/2024 13:50:00	11.4	23.1	11.6	0.00	0.01	0.01	1.4	E
3/12/2024 13:51:00	10.0	25.8	15.8	0.00	0.01	0.01	1.4	ESE
3/12/2024 13:52:00	9.8	24.4	14.6	0.00	0.01	0.01	1.4	E
3/12/2024 13:53:00	9.5	21.9	12.4	0.00	0.01	0.01	1.4	NE
3/12/2024 13:54:00	9.4	20.4	11.0	0.00	0.01	0.01	1.4	NE
3/12/2024 13:55:00	10.3	18.3	8.0	0.00	0.01	0.01	1.4	ESE
3/12/2024 13:56:00	10.5	18.7	8.2	0.00	0.01	0.01	1.3	E
3/12/2024 13:57:00	12.1	18.9	6.8	0.00	0.01	0.01	1.3	SSW
3/12/2024 13:58:00	12.7	19.7	7.0	0.00	0.01	0.01	1.3	NNE
3/12/2024 13:59:00	13.1	21.0	8.0	0.00	0.01	0.01	1.2	ESE
3/12/2024 14:00:00	13.4	23.8	10.4	0.00	0.01	0.01	1.3	E
3/12/2024 14:01:00	13.9	24.6	10.7	0.00	0.01	0.01	1.3	E
3/12/2024 14:02:00	14.3	23.9	9.7	0.00	0.01	0.01	1.3	E
3/12/2024 14:03:00	14.2	22.5	8.3	0.00	0.01	0.01	1.3	W
3/12/2024 14:04:00	12.7	22.4	9.7	0.00	0.01	0.01	1.4	W
3/12/2024 14:05:00	13.9	21.2	7.3	0.00	0.01	0.01	1.5	W
3/12/2024 14:06:00	13.6	19.3	5.7	0.00	0.01	0.01	1.5	ENE
3/12/2024 14:07:00	13.3	17.3	4.0	0.00	0.01	0.01	1.5	NE
3/12/2024 14:08:00	13.2	16.0	2.9	0.00	0.01	0.01	1.5	NNE
3/12/2024 14:09:00	12.9	14.7	1.8	0.00	0.01	0.01	1.6	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
3/12/2024 14:10:00	11.9	14.4	2.6	0.00	0.01	0.01	1.6	NE
3/12/2024 14:11:00	11.7	13.9	2.2	0.00	0.01	0.01	1.6	SW
3/12/2024 14:12:00	10.5	13.6	3.0	0.00	0.01	0.01	1.6	WSW
3/12/2024 14:13:00	11.1	12.8	1.7	0.00	0.01	0.01	1.6	SSE
3/12/2024 14:14:00	10.8	12.0	1.3	0.00	0.01	0.01	1.6	N
3/12/2024 14:15:00	10.5	9.5	-1.1	0.00	0.01	0.01	1.7	ENE
3/12/2024 14:16:00	10.0	8.8	-1.2	0.00	0.01	0.01	1.7	ENE
3/12/2024 14:17:00	9.7	9.0	-0.7	0.00	0.01	0.01	1.7	E
3/12/2024 14:18:00	9.5	10.2	0.7	0.00	0.01	0.01	1.7	E
3/12/2024 14:19:00	9.1	11.2	2.1	0.00	0.01	0.01	1.6	ESE
3/12/2024 14:20:00	9.8	11.0	1.2	0.00	0.01	0.01	1.6	NW
3/12/2024 14:21:00	9.8	12.0	2.2	0.00	0.01	0.01	1.6	ENE
3/12/2024 14:22:00	9.9	13.3	3.4	0.00	0.01	0.01	1.6	E
3/12/2024 14:23:00	11.1	13.3	2.1	0.01	0.01	0.01	1.6	NW
3/12/2024 14:24:00	12.4	13.2	0.8	0.01	0.01	0.01	1.6	WNW
3/12/2024 14:25:00	13.3	13.1	-0.1	0.01	0.01	0.01	1.6	WSW
3/12/2024 14:26:00	13.2	14.4	1.3	0.01	0.01	0.01	1.6	N
3/12/2024 14:27:00	12.7	15.4	2.7	0.01	0.02	0.01	1.5	E
3/12/2024 14:28:00	11.5	16.1	4.6	0.01	0.02	0.01	1.6	E
3/12/2024 14:29:00	12.0	15.6	3.6	0.01	0.01	0.01	1.6	WNW
3/12/2024 14:30:00	15.2	15.6	0.4	0.01	0.01	0.00	1.5	WNW
3/12/2024 14:31:00	15.4	17.8	2.4	0.01	0.01	0.00	1.5	NNW
3/12/2024 14:32:00	15.3	18.1	2.8	0.01	0.01	0.00	1.5	NE
3/12/2024 14:33:00	15.3	17.2	1.9	0.01	0.01	0.00	1.6	E
3/12/2024 14:34:00	15.3	17.3	2.0	0.01	0.01	0.00	1.6	E
3/12/2024 14:35:00	12.9	17.8	4.9	0.01	0.01	0.00	1.6	NNE
3/12/2024 14:36:00	13.2	15.8	2.6	0.01	0.01	0.00	1.5	NW
3/12/2024 14:37:00	13.2	15.5	2.2	0.01	0.00	-0.01	1.6	N
3/12/2024 14:38:00	12.0	15.8	3.8	0.01	0.00	0.00	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
3/12/2024 14:39:00	10.6	16.1	5.5	0.00	0.00	0.00	1.6	SE
3/12/2024 14:40:00	9.7	17.1	7.4	0.00	0.00	0.00	1.5	ENE
3/12/2024 14:41:00	9.7	17.4	7.7	0.00	0.00	0.00	1.5	NW
3/12/2024 14:42:00	9.8	17.7	7.9	0.00	0.00	0.00	1.5	NNE
3/12/2024 14:43:00	10.0	17.7	7.8	0.00	0.00	0.00	1.6	ESE
3/12/2024 14:44:00	9.6	17.6	8.0	0.00	0.00	0.00	1.6	NW
3/12/2024 14:45:00	6.4	18.1	11.6	0.00	0.00	0.00	1.6	NE
3/12/2024 14:46:00	6.4	16.0	9.6	0.00	0.00	0.00	1.6	NE
3/12/2024 14:47:00	7.2	15.2	8.0	0.00	0.00	0.00	1.5	WNW
3/12/2024 14:48:00	8.7	15.2	6.5	0.00	0.00	0.00	1.4	W
3/12/2024 14:49:00	8.9	15.4	6.5	0.00	0.01	0.00	1.4	E
3/12/2024 14:50:00	9.1	15.9	6.7	0.00	0.01	0.00	1.3	NNW
3/12/2024 14:51:00	9.8	16.1	6.3	0.00	0.01	0.00	1.3	WNW
3/12/2024 14:52:00	10.0	16.0	6.1	0.00	0.01	0.00	1.2	N
3/12/2024 14:53:00	11.0	15.8	4.8	0.00	0.01	0.00	1.1	WNW
3/12/2024 14:54:00	11.2	16.0	4.8	0.00	0.01	0.00	1.1	NNW
3/12/2024 14:55:00	11.3	15.6	4.3	0.00	0.01	0.00	1.2	E
3/12/2024 14:56:00	11.3	14.8	3.5	0.00	0.01	0.00	1.2	E
3/12/2024 14:57:00	12.1	13.6	1.5	0.00	0.01	0.00	1.1	WSW
3/12/2024 14:58:00	12.9	13.0	0.2	0.00	0.00	0.00	1.0	NW
3/12/2024 14:59:00	12.9	13.8	0.9	0.00	0.00	0.00	1.0	NNE
3/12/2024 15:00:00	12.9	13.4	0.5	0.00	0.00	0.00	1.1	E
3/12/2024 15:01:00	12.8	13.2	0.4	0.00	0.00	0.00	1.1	ENE
3/12/2024 15:02:00	12.1	13.2	1.2	0.00	0.00	0.00	1.1	NE
3/12/2024 15:03:00	10.6	13.2	2.6	0.00	0.00	0.00	1.2	E
3/12/2024 15:04:00	10.4	12.0	1.6	0.00	0.00	0.00	1.2	ENE
3/12/2024 15:05:00	10.3	11.1	0.8	0.00	0.00	0.00	1.2	N
3/12/2024 15:06:00	9.4	11.1	1.7	0.00	0.00	0.00	1.2	ENE
3/12/2024 15:07:00	9.3	10.2	1.0	0.00	0.00	0.00	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
3/12/2024 15:08:00	8.3	10.2	1.9	0.00	0.00	0.00	1.3	ENE
3/12/2024 15:09:00	8.2	9.8	1.6	0.00	0.00	0.00	1.4	ENE
3/12/2024 15:10:00	8.1	9.3	1.2	0.00	0.00	0.00	1.4	E
3/12/2024 15:11:00	8.1	8.6	0.5	0.00	0.00	0.00	1.4	E
3/12/2024 15:12:00	7.3	8.8	1.5	0.00	0.00	0.00	1.5	NNW
3/12/2024 15:13:00	6.4	9.2	2.7	0.00	0.00	0.00	1.4	E
3/12/2024 15:14:00	6.3	8.9	2.5	0.00	0.00	0.00	1.4	E