

DAILY FIELD REPORT 218

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	March 27, 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: Caitlyn Dempsey (Environmental)
--	---

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

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

Work Activities Performed:

- Urban excavated an about 7-foot-long by 3-foot-wide area and an about 3-foot-long by 7-foot-wide area from about 10 feet below grade surface (bgs) to 13 feet bgs in the southern part of grid WC02_10-15 to prepare for the installation of a mud mat. Excavated soil was stockpiled in the northern part of grid WC04, pending off-site disposal. The excavated areas were backfilled with previously imported pipe sand.
- Urban excavated an about 3-foot-long by 7-foot-wide area to about 2 feet bgs of previously backfilled pipe sand in the northern part of grids WC04_0-5 and WC05_0-5 to prepare for the installation of electrical utilities.
- Urban graded an about 15-foot-long by 15-foot-wide area in the western part of grid WC04 for equipment mobilization.
- Urban backfilled around timber lagging in the southern part of grid WC04 with previously imported pipe sand.
- All excavated 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 eastern part of the site. Waterproofing/vapor barrier installation observation and documentation is to verify general conformance with specifications and contract documents.

Material Tracking:

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

Materials Export Summary								
Facility Name	<i>Bayshore Soil Management, LLC</i>		<i>Clean Earth of Carteret, LLC</i>		<i>PPark NJ</i>		<i>Faztec Solutions</i>	
Location	<i>Keasbey, NJ</i>		<i>Carteret, NJ</i>		<i>Prospect Park, NJ</i>		<i>Staten Island, NY</i>	
Type of Waste	<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>C&D</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	0	-	0	-	0	-	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	139	2,780	316	6,320	0	-	17	340

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	-	0	-
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	17	289
Approved Quantity	-	500	-	500	-	200	-	300

Samples Collected:

- No samples were collected.

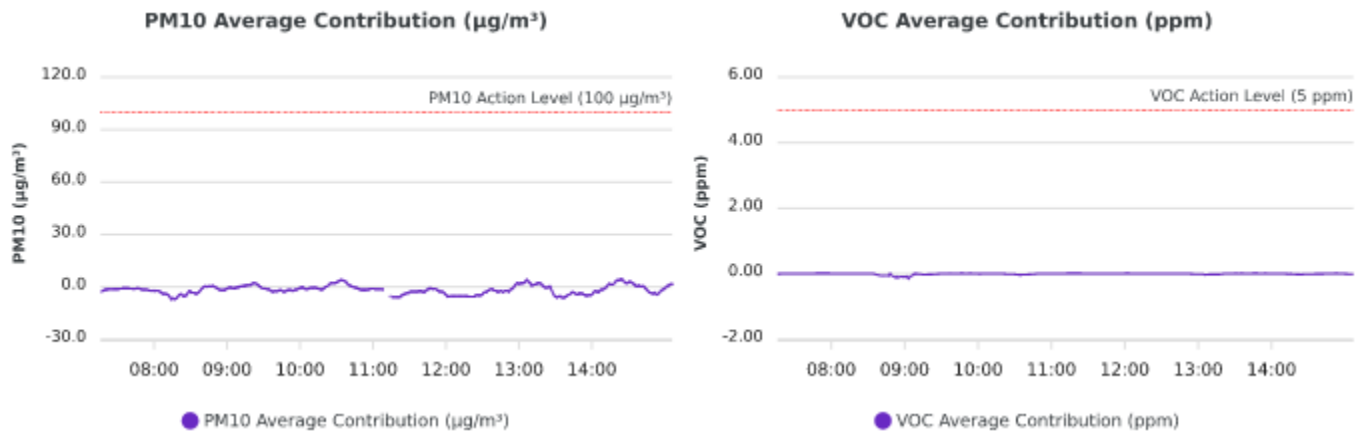
Air Monitoring:

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/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	15.1	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-7.4	VOC Average Site Contribution (Minimum)	-0.16
PM10 Average Site Contribution (Maximum)	4.7	VOC Average Site Contribution (Maximum)	0.02

µg/m³: micrograms per cubic meter.

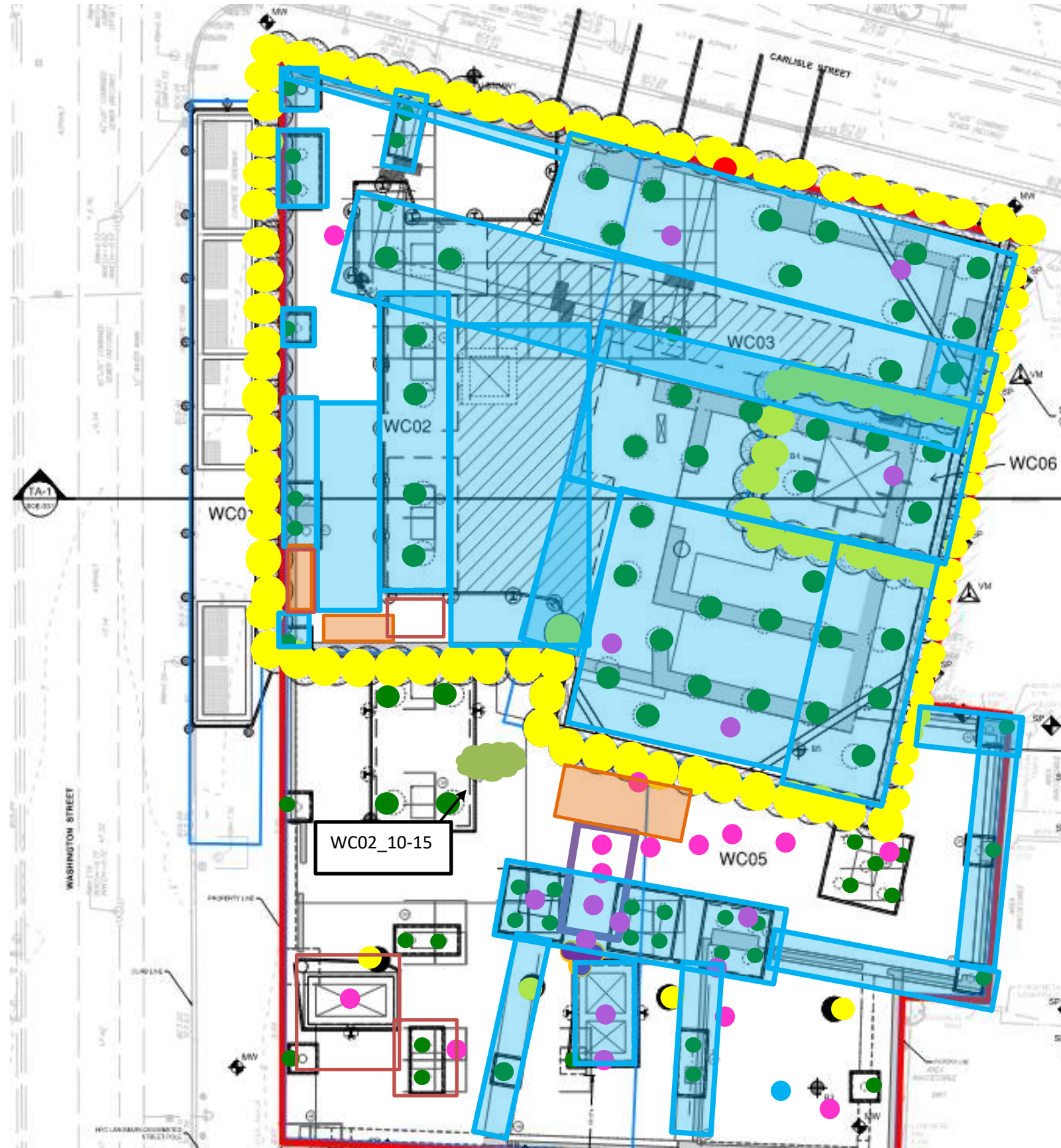
ppm: parts per million.



Planned Activities:

- Urban will continue to excavate and grade site soil/fill in support of foundation installation.
- Urban will continue to install waterproofing/vapor barriers membranes throughout the site.







SITE PLAN



- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile – Soil (no impacts)**
- **Stockpile – C&D**
- **Stockpile – Imported Clean Fill**
- 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

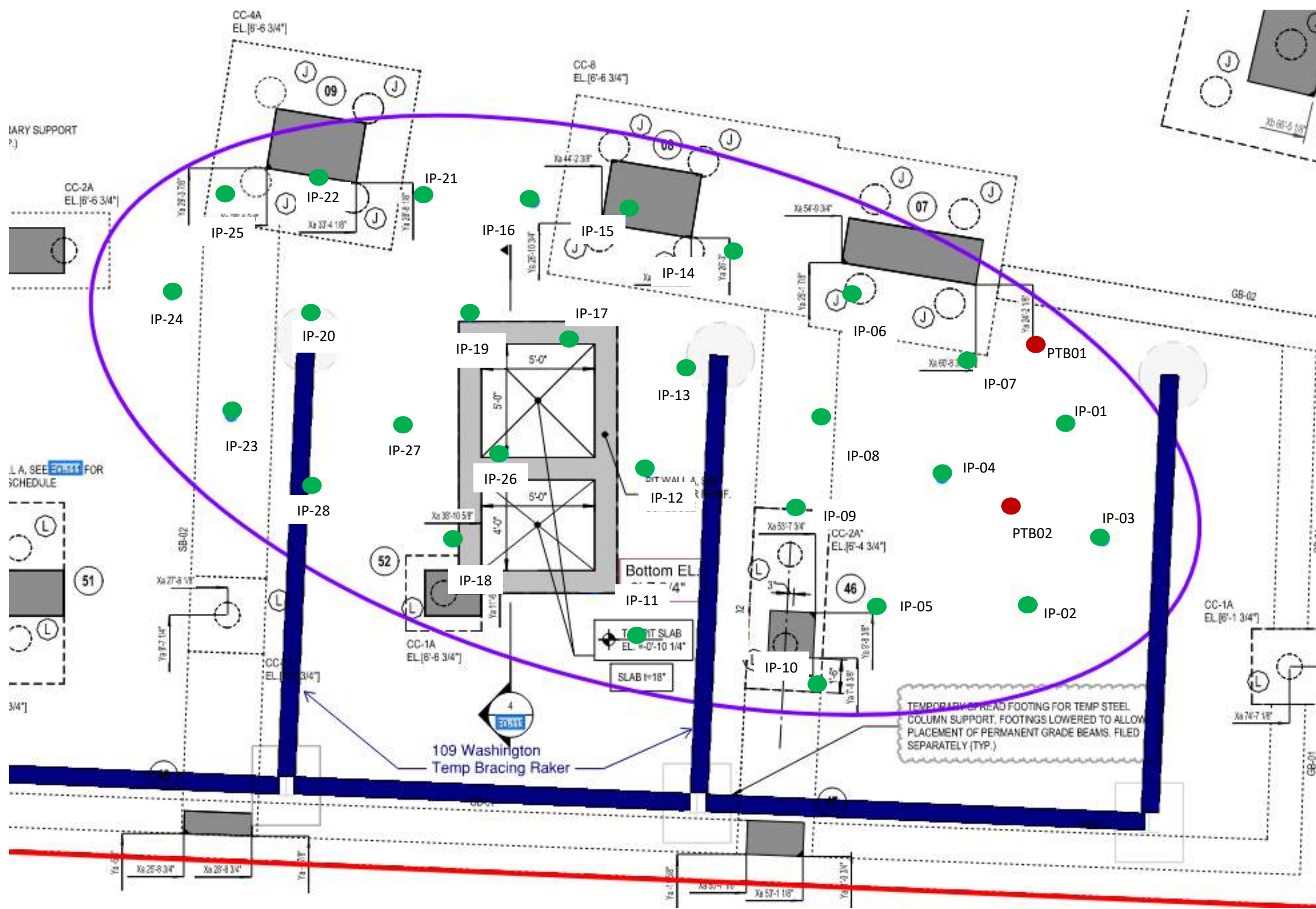


Photo Log

Photo 1: View of Urban excavating soil/fill in grid WC02_10-15 (facing southeast).

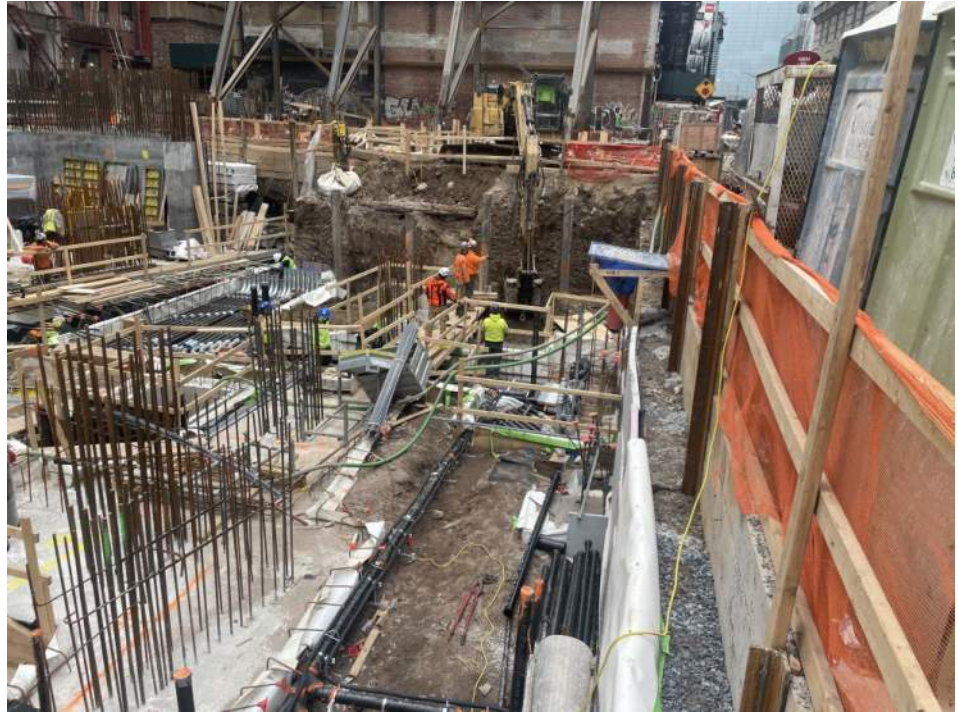


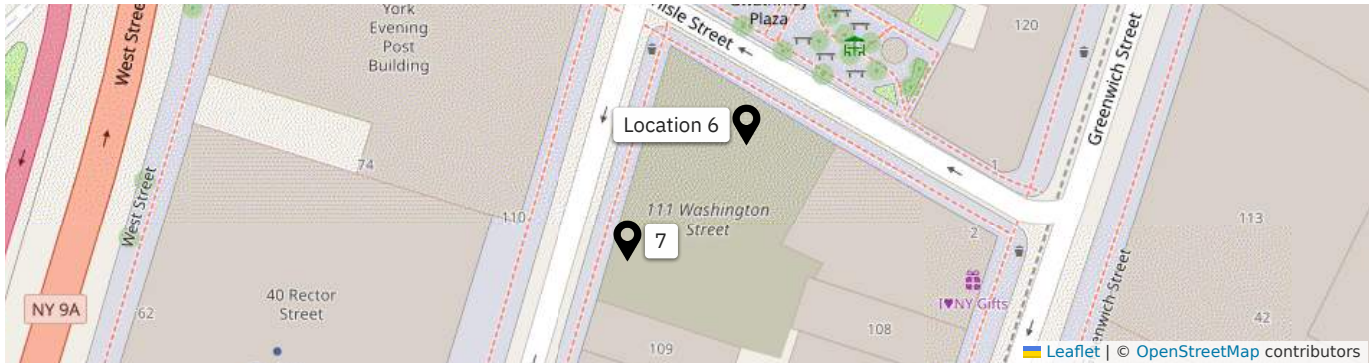
Photo 2: View of Urban backfilling along timber lagging in WC04 with previously imported pipe sand (facing southeast).



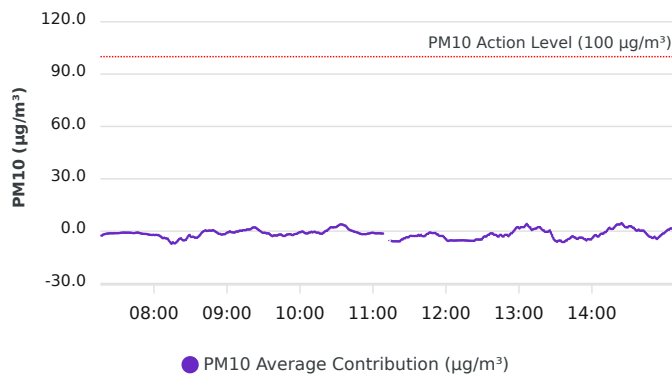
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	3/27/2024 06:00
		To:	3/27/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
3/27/2024	0.2-2.6	NE

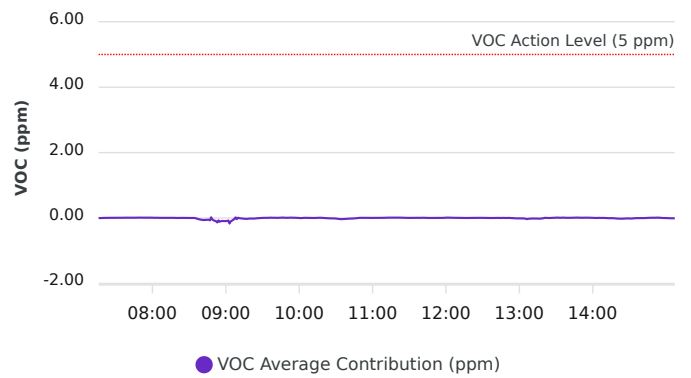
Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 3/27/2024	-7.4	08:14	-0.16	09:03
Max Contribution (15 min avg.) - 3/27/2024	4.7	14:24	0.02	08:48



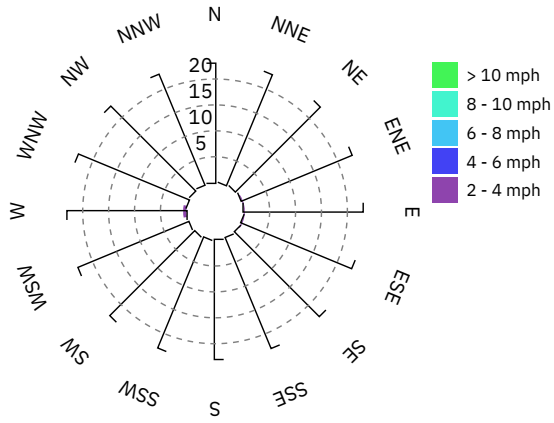
PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)



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
3/27/2024 07:16:00	15.1	12.3	-2.8	0.00	0.00	0.00	1.2	ENE
3/27/2024 07:17:00	14.5	12.1	-2.4	0.00	0.00	0.00	1.0	ENE
3/27/2024 07:18:00	13.8	11.9	-2.0	0.00	0.00	0.00	1.0	E
3/27/2024 07:19:00	13.2	11.6	-1.7	0.00	0.00	0.00	0.9	E
3/27/2024 07:20:00	12.7	11.2	-1.6	0.00	0.00	0.00	0.8	E
3/27/2024 07:21:00	12.4	11.0	-1.4	0.00	0.01	0.01	0.8	ESE
3/27/2024 07:22:00	12.1	10.8	-1.3	0.00	0.01	0.01	0.8	NNE
3/27/2024 07:23:00	11.9	10.7	-1.3	0.00	0.01	0.01	0.9	E
3/27/2024 07:24:00	11.8	10.5	-1.2	0.00	0.01	0.01	0.8	NE
3/27/2024 07:25:00	11.7	10.4	-1.2	0.00	0.01	0.01	0.8	ENE
3/27/2024 07:26:00	11.6	10.3	-1.3	0.00	0.01	0.01	0.8	E
3/27/2024 07:27:00	11.5	10.3	-1.2	0.00	0.01	0.01	0.8	E
3/27/2024 07:28:00	11.4	10.2	-1.1	0.00	0.01	0.01	0.9	E
3/27/2024 07:29:00	11.3	10.1	-1.1	0.00	0.01	0.01	1.0	ENE
3/27/2024 07:30:00	11.1	10.0	-1.1	0.00	0.01	0.01	1.0	ENE
3/27/2024 07:31:00	10.8	9.7	-1.1	0.00	0.01	0.01	1.0	NNW
3/27/2024 07:32:00	10.5	9.5	-1.0	0.00	0.01	0.01	1.0	N
3/27/2024 07:33:00	10.3	9.4	-0.9	0.00	0.01	0.01	1.0	WSW
3/27/2024 07:34:00	10.2	9.4	-0.8	0.00	0.01	0.01	1.1	E
3/27/2024 07:35:00	10.2	9.4	-0.8	0.00	0.01	0.01	1.1	NNE
3/27/2024 07:36:00	10.1	9.3	-0.9	0.00	0.01	0.01	1.1	ENE
3/27/2024 07:37:00	10.1	9.2	-0.9	0.00	0.01	0.01	1.2	NE
3/27/2024 07:38:00	10.0	9.1	-0.9	0.00	0.01	0.01	1.2	E
3/27/2024 07:39:00	9.9	9.0	-0.9	0.00	0.01	0.01	1.2	NE
3/27/2024 07:40:00	9.8	8.9	-0.9	0.00	0.01	0.01	1.2	ENE
3/27/2024 07:41:00	9.7	8.8	-1.0	0.00	0.01	0.01	1.2	ENE
3/27/2024 07:42:00	9.7	8.6	-1.1	0.00	0.01	0.01	1.2	E
3/27/2024 07:43:00	9.6	8.4	-1.1	0.00	0.01	0.01	1.2	NNW
3/27/2024 07:44:00	9.5	8.4	-1.1	0.00	0.01	0.01	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
3/27/2024 07:45:00	9.4	8.5	-0.9	0.00	0.01	0.01	1.1	ENE
3/27/2024 07:46:00	9.3	8.6	-0.8	0.00	0.01	0.01	1.1	E
3/27/2024 07:47:00	9.3	8.4	-0.9	0.00	0.01	0.01	1.1	E
3/27/2024 07:48:00	9.2	8.1	-1.1	0.00	0.01	0.01	1.2	E
3/27/2024 07:49:00	9.1	7.8	-1.3	0.00	0.01	0.01	1.1	ENE
3/27/2024 07:50:00	9.0	7.5	-1.5	0.00	0.01	0.01	1.0	E
3/27/2024 07:51:00	8.9	7.3	-1.6	0.00	0.01	0.01	1.0	ENE
3/27/2024 07:52:00	8.9	7.3	-1.6	0.00	0.01	0.01	0.9	ENE
3/27/2024 07:53:00	8.8	7.2	-1.6	0.00	0.01	0.01	0.9	NNW
3/27/2024 07:54:00	8.8	7.2	-1.7	0.00	0.01	0.01	0.9	ESE
3/27/2024 07:55:00	8.9	7.0	-1.9	0.00	0.01	0.01	1.0	ESE
3/27/2024 07:56:00	8.9	6.8	-2.1	0.00	0.01	0.01	1.0	E
3/27/2024 07:57:00	8.9	6.7	-2.2	0.00	0.01	0.01	1.0	N
3/27/2024 07:58:00	8.9	6.6	-2.3	0.00	0.01	0.01	1.0	N
3/27/2024 07:59:00	8.6	6.6	-2.0	0.00	0.01	0.01	1.0	W
3/27/2024 08:00:00	8.6	6.3	-2.3	0.00	0.01	0.01	1.0	N
3/27/2024 08:01:00	8.4	6.3	-2.1	0.00	0.01	0.01	0.9	WNW
3/27/2024 08:02:00	8.5	6.3	-2.2	0.00	0.01	0.01	0.9	ENE
3/27/2024 08:03:00	8.6	6.3	-2.3	0.00	0.01	0.01	0.8	ESE
3/27/2024 08:04:00	8.8	6.3	-2.5	0.00	0.01	0.01	0.8	SE
3/27/2024 08:05:00	9.3	6.3	-3.0	0.00	0.01	0.01	0.9	E
3/27/2024 08:06:00	9.9	6.3	-3.6	0.00	0.01	0.01	0.9	E
3/27/2024 08:07:00	10.3	6.2	-4.1	0.00	0.01	0.01	0.9	N
3/27/2024 08:08:00	10.1	6.4	-3.7	0.00	0.01	0.01	0.9	NW
3/27/2024 08:09:00	10.4	6.4	-4.1	0.00	0.01	0.01	0.9	E
3/27/2024 08:10:00	10.7	6.5	-4.2	0.00	0.01	0.01	0.8	NE
3/27/2024 08:11:00	11.0	6.6	-4.3	0.00	0.01	0.01	0.8	NNE
3/27/2024 08:12:00	12.2	6.7	-5.5	0.00	0.01	0.01	0.8	NE
3/27/2024 08:13:00	13.1	6.8	-6.3	0.00	0.01	0.01	0.8	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
3/27/2024 08:14:00	14.2	6.8	-7.4	0.00	0.01	0.01	0.8	SE
3/27/2024 08:15:00	14.1	7.8	-6.3	0.00	0.01	0.01	0.8	WNW
3/27/2024 08:16:00	14.8	7.8	-6.9	0.00	0.01	0.01	0.8	ESE
3/27/2024 08:17:00	15.1	8.1	-7.0	0.00	0.01	0.01	0.8	SE
3/27/2024 08:18:00	15.1	8.7	-6.5	0.00	0.01	0.01	0.9	WNW
3/27/2024 08:19:00	15.1	9.3	-5.7	0.00	0.01	0.01	0.9	WSW
3/27/2024 08:20:00	14.8	10.1	-4.7	0.00	0.01	0.00	0.9	W
3/27/2024 08:21:00	14.7	10.4	-4.3	0.00	0.01	0.00	0.9	ENE
3/27/2024 08:22:00	14.9	10.8	-4.2	0.00	0.01	0.00	0.9	N
3/27/2024 08:23:00	15.8	10.8	-5.1	0.00	0.01	0.01	0.9	NE
3/27/2024 08:24:00	16.4	11.0	-5.4	0.00	0.01	0.01	1.0	NNW
3/27/2024 08:25:00	16.5	11.3	-5.2	0.00	0.01	0.01	1.1	NNW
3/27/2024 08:26:00	16.8	11.8	-5.0	0.00	0.01	0.01	1.1	ENE
3/27/2024 08:27:00	16.2	12.3	-3.9	0.00	0.01	0.00	1.2	E
3/27/2024 08:28:00	15.7	13.1	-2.6	0.00	0.01	0.00	1.2	WNW
3/27/2024 08:29:00	15.6	13.5	-2.1	0.00	0.01	0.00	1.2	ESE
3/27/2024 08:30:00	16.5	13.1	-3.4	0.00	0.01	0.00	1.2	NNE
3/27/2024 08:31:00	16.8	13.6	-3.2	0.00	0.01	0.00	1.2	NE
3/27/2024 08:32:00	17.1	13.9	-3.2	0.00	0.00	0.00	1.2	NE
3/27/2024 08:33:00	17.7	14.0	-3.7	0.00	0.00	0.00	1.2	NE
3/27/2024 08:34:00	18.0	14.3	-3.8	0.00	0.00	0.00	1.2	SSE
3/27/2024 08:35:00	18.4	14.5	-3.9	0.01	0.00	0.00	1.2	WNW
3/27/2024 08:36:00	18.4	15.1	-3.3	0.02	0.00	-0.01	1.2	WSW
3/27/2024 08:37:00	18.3	15.7	-2.6	0.03	0.00	-0.03	1.2	NW
3/27/2024 08:38:00	18.1	16.3	-1.8	0.04	0.00	-0.04	1.3	WSW
3/27/2024 08:39:00	17.7	16.9	-0.8	0.05	0.00	-0.04	1.3	W
3/27/2024 08:40:00	17.7	17.4	-0.3	0.05	0.00	-0.05	1.3	W
3/27/2024 08:41:00	17.6	17.8	0.1	0.06	0.00	-0.06	1.2	W
3/27/2024 08:42:00	17.4	18.0	0.5	0.06	0.00	-0.06	1.2	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
3/27/2024 08:43:00	17.7	17.7	0.0	0.06	0.00	-0.06	1.2	N
3/27/2024 08:44:00	17.6	17.8	0.2	0.06	0.01	-0.06	1.1	E
3/27/2024 08:45:00	17.3	17.8	0.4	0.06	0.01	-0.05	1.2	E
3/27/2024 08:46:00	17.3	17.6	0.3	0.07	0.01	-0.05	1.1	E
3/27/2024 08:47:00	17.4	17.5	0.2	0.08	0.01	-0.07	1.1	ENE
3/27/2024 08:48:00	17.0	17.7	0.7	0.08	0.10	0.02	1.1	NW
3/27/2024 08:49:00	17.1	17.3	0.2	0.14	0.10	-0.04	1.1	ENE
3/27/2024 08:50:00	17.1	16.9	-0.2	0.17	0.10	-0.07	1.0	N
3/27/2024 08:51:00	17.2	16.6	-0.6	0.18	0.10	-0.08	1.0	NE
3/27/2024 08:52:00	17.3	16.1	-1.1	0.20	0.10	-0.10	1.0	NE
3/27/2024 08:53:00	17.3	15.7	-1.6	0.23	0.10	-0.13	1.0	E
3/27/2024 08:54:00	17.1	15.6	-1.5	0.22	0.15	-0.08	0.9	SSW
3/27/2024 08:55:00	17.2	15.1	-2.0	0.26	0.15	-0.11	0.9	NE
3/27/2024 08:56:00	17.0	15.1	-1.9	0.26	0.16	-0.10	1.0	WNW
3/27/2024 08:57:00	16.8	15.1	-1.7	0.25	0.17	-0.09	1.0	WNW
3/27/2024 08:58:00	16.8	15.1	-1.8	0.25	0.16	-0.09	1.0	ESE
3/27/2024 08:59:00	16.6	15.4	-1.2	0.26	0.16	-0.09	1.0	WNW
3/27/2024 09:00:00	16.4	15.7	-0.7	0.26	0.16	-0.09	1.0	W
3/27/2024 09:01:00	16.5	15.8	-0.7	0.25	0.16	-0.09	1.0	NNW
3/27/2024 09:02:00	16.2	16.2	0.0	0.24	0.16	-0.08	1.0	SSE
3/27/2024 09:03:00	16.5	16.0	-0.6	0.24	0.08	-0.16	1.0	ESE
3/27/2024 09:04:00	16.7	16.1	-0.7	0.18	0.08	-0.10	1.0	NNE
3/27/2024 09:05:00	16.9	16.2	-0.8	0.16	0.08	-0.08	1.0	E
3/27/2024 09:06:00	17.2	16.4	-0.8	0.13	0.08	-0.05	1.0	E
3/27/2024 09:07:00	17.1	16.9	-0.2	0.10	0.08	-0.03	1.0	W
3/27/2024 09:08:00	17.4	17.2	-0.2	0.06	0.08	0.02	1.0	ENE
3/27/2024 09:09:00	17.7	17.4	-0.3	0.06	0.03	-0.03	1.0	WSW
3/27/2024 09:10:00	17.6	17.9	0.3	0.02	0.03	0.01	0.9	W
3/27/2024 09:11:00	17.8	18.1	0.3	0.02	0.02	0.00	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
3/27/2024 09:12:00	18.0	18.2	0.1	0.02	0.01	-0.01	0.8	W
3/27/2024 09:13:00	17.9	18.6	0.7	0.02	0.01	-0.01	0.9	W
3/27/2024 09:14:00	18.1	18.7	0.6	0.03	0.01	-0.02	0.9	W
3/27/2024 09:15:00	18.2	18.8	0.5	0.03	0.01	-0.02	0.9	WNW
3/27/2024 09:16:00	18.2	19.2	1.0	0.03	0.01	-0.02	0.9	W
3/27/2024 09:17:00	18.4	19.3	0.9	0.03	0.00	-0.02	0.9	WNW
3/27/2024 09:18:00	18.4	19.4	1.0	0.03	0.00	-0.02	0.9	N
3/27/2024 09:19:00	18.4	19.5	1.1	0.02	0.00	-0.02	0.9	E
3/27/2024 09:20:00	18.2	19.8	1.7	0.02	0.00	-0.01	1.0	WSW
3/27/2024 09:21:00	17.9	20.1	2.2	0.02	0.00	-0.02	1.0	W
3/27/2024 09:22:00	17.9	20.0	2.1	0.02	0.00	-0.02	0.9	W
3/27/2024 09:23:00	17.8	19.9	2.1	0.02	0.00	-0.01	1.0	E
3/27/2024 09:24:00	18.1	19.6	1.6	0.02	0.00	-0.01	1.0	E
3/27/2024 09:25:00	18.3	19.4	1.0	0.01	0.01	-0.01	1.0	ESE
3/27/2024 09:26:00	18.6	19.1	0.6	0.01	0.01	-0.01	1.0	ESE
3/27/2024 09:27:00	18.8	18.9	0.1	0.01	0.01	0.00	1.0	E
3/27/2024 09:28:00	19.1	18.6	-0.5	0.01	0.01	0.00	1.0	ESE
3/27/2024 09:29:00	19.3	18.3	-1.0	0.01	0.01	0.00	1.1	ESE
3/27/2024 09:30:00	19.2	18.3	-1.0	0.01	0.01	0.01	1.1	W
3/27/2024 09:31:00	19.1	18.2	-0.9	0.01	0.01	0.01	1.1	WNW
3/27/2024 09:32:00	19.2	17.9	-1.3	0.00	0.01	0.01	1.1	E
3/27/2024 09:33:00	19.1	17.8	-1.3	0.00	0.01	0.01	1.1	ESE
3/27/2024 09:34:00	19.0	17.8	-1.3	0.00	0.01	0.01	1.2	ESE
3/27/2024 09:35:00	19.2	17.3	-1.9	0.00	0.01	0.01	1.2	E
3/27/2024 09:36:00	19.4	17.0	-2.4	0.00	0.01	0.01	1.2	E
3/27/2024 09:37:00	19.6	16.6	-2.9	0.00	0.01	0.01	1.2	ESE
3/27/2024 09:38:00	19.2	16.8	-2.4	0.00	0.01	0.01	1.1	SSE
3/27/2024 09:39:00	19.1	16.7	-2.4	0.00	0.01	0.01	1.1	NE
3/27/2024 09:40:00	19.0	16.5	-2.5	0.00	0.01	0.01	1.1	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
3/27/2024 09:41:00	18.9	16.3	-2.5	0.00	0.01	0.01	1.1	E
3/27/2024 09:42:00	18.5	16.4	-2.0	0.01	0.01	0.01	1.1	SW
3/27/2024 09:43:00	18.2	16.3	-2.0	0.01	0.01	0.01	1.0	ENE
3/27/2024 09:44:00	18.0	16.1	-1.9	0.00	0.01	0.01	0.8	ENE
3/27/2024 09:45:00	18.1	15.7	-2.4	0.00	0.01	0.01	0.8	NE
3/27/2024 09:46:00	18.1	15.3	-2.8	0.00	0.02	0.01	0.8	ENE
3/27/2024 09:47:00	17.9	15.1	-2.8	0.00	0.02	0.01	0.8	N
3/27/2024 09:48:00	17.6	15.2	-2.4	0.01	0.02	0.01	0.8	SSW
3/27/2024 09:49:00	17.1	15.2	-1.9	0.01	0.02	0.01	0.7	NW
3/27/2024 09:50:00	16.9	15.1	-1.8	0.01	0.02	0.01	0.7	ENE
3/27/2024 09:51:00	16.6	14.9	-1.7	0.01	0.02	0.01	0.6	ENE
3/27/2024 09:52:00	16.5	14.7	-1.7	0.01	0.02	0.01	0.6	E
3/27/2024 09:53:00	16.6	14.3	-2.3	0.01	0.02	0.01	0.7	E
3/27/2024 09:54:00	16.3	14.1	-2.2	0.01	0.02	0.01	0.7	E
3/27/2024 09:55:00	15.8	14.1	-1.7	0.01	0.02	0.01	0.8	W
3/27/2024 09:56:00	15.5	13.9	-1.6	0.01	0.02	0.01	0.8	NNW
3/27/2024 09:57:00	15.3	13.7	-1.6	0.01	0.02	0.01	0.8	WSW
3/27/2024 09:58:00	14.8	13.7	-1.1	0.01	0.01	0.01	0.8	WNW
3/27/2024 09:59:00	14.4	13.8	-0.6	0.01	0.01	0.00	0.9	W
3/27/2024 10:00:00	14.2	13.6	-0.7	0.01	0.01	0.00	0.9	NNE
3/27/2024 10:01:00	13.8	13.6	-0.2	0.01	0.01	0.00	0.9	WNW
3/27/2024 10:02:00	13.6	13.3	-0.3	0.01	0.01	0.00	0.9	ENE
3/27/2024 10:03:00	13.7	12.9	-0.7	0.01	0.01	0.00	0.9	E
3/27/2024 10:04:00	13.8	12.6	-1.2	0.01	0.01	0.01	0.9	E
3/27/2024 10:05:00	13.7	12.4	-1.3	0.01	0.01	0.01	0.9	E
3/27/2024 10:06:00	13.7	12.3	-1.3	0.01	0.01	0.01	0.9	E
3/27/2024 10:07:00	13.3	12.5	-0.8	0.01	0.01	0.01	0.9	WSW
3/27/2024 10:08:00	13.2	12.4	-0.8	0.01	0.01	0.01	0.9	ESE
3/27/2024 10:09:00	12.9	12.6	-0.3	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
3/27/2024 10:10:00	13.2	12.4	-0.8	0.01	0.01	0.01	0.9	ENE
3/27/2024 10:11:00	13.1	12.7	-0.3	0.01	0.01	0.00	0.8	NW
3/27/2024 10:12:00	13.2	12.8	-0.4	0.01	0.01	0.00	0.8	W
3/27/2024 10:13:00	13.4	12.6	-0.9	0.01	0.01	0.01	0.8	NE
3/27/2024 10:14:00	13.4	12.6	-0.9	0.01	0.01	0.01	0.8	S
3/27/2024 10:15:00	13.5	12.6	-0.9	0.01	0.01	0.01	0.8	E
3/27/2024 10:16:00	13.8	12.3	-1.4	0.01	0.02	0.01	0.9	E
3/27/2024 10:17:00	13.8	12.4	-1.4	0.01	0.02	0.01	0.9	E
3/27/2024 10:18:00	13.9	12.4	-1.5	0.01	0.02	0.01	1.0	E
3/27/2024 10:19:00	13.6	12.7	-0.9	0.01	0.01	0.01	1.0	W
3/27/2024 10:20:00	13.3	13.0	-0.3	0.01	0.01	0.00	1.0	WSW
3/27/2024 10:21:00	13.1	13.3	0.2	0.01	0.01	0.00	0.9	WSW
3/27/2024 10:22:00	13.1	13.3	0.2	0.01	0.01	0.00	0.9	WNW
3/27/2024 10:23:00	12.8	13.8	1.0	0.02	0.01	-0.01	0.9	WNW
3/27/2024 10:24:00	12.8	14.4	1.7	0.02	0.01	-0.01	0.9	WNW
3/27/2024 10:25:00	12.6	14.9	2.3	0.02	0.01	-0.01	1.0	W
3/27/2024 10:26:00	12.7	14.9	2.2	0.02	0.01	-0.01	1.1	W
3/27/2024 10:27:00	12.7	14.8	2.1	0.02	0.01	-0.01	1.1	W
3/27/2024 10:28:00	12.6	15.0	2.4	0.02	0.01	-0.01	1.2	W
3/27/2024 10:29:00	12.7	14.9	2.2	0.02	0.01	-0.01	1.3	W
3/27/2024 10:30:00	12.5	15.1	2.6	0.02	0.01	-0.01	1.3	W
3/27/2024 10:31:00	12.3	15.4	3.1	0.02	0.00	-0.02	1.3	WSW
3/27/2024 10:32:00	12.1	15.7	3.5	0.03	0.00	-0.03	1.3	W
3/27/2024 10:33:00	11.9	15.9	4.0	0.03	0.00	-0.03	1.3	W
3/27/2024 10:34:00	12.0	15.8	3.8	0.03	0.00	-0.03	1.4	W
3/27/2024 10:35:00	12.1	15.7	3.7	0.03	0.00	-0.03	1.4	NW
3/27/2024 10:36:00	12.2	15.5	3.3	0.03	0.00	-0.03	1.4	NNE
3/27/2024 10:37:00	12.2	15.4	3.1	0.03	0.00	-0.03	1.4	WNW
3/27/2024 10:38:00	12.3	14.8	2.5	0.03	0.00	-0.03	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
3/27/2024 10:39:00	12.4	13.9	1.5	0.03	0.00	-0.02	1.4	NNW
3/27/2024 10:40:00	12.4	13.3	0.9	0.02	0.00	-0.02	1.3	N
3/27/2024 10:41:00	12.4	12.9	0.6	0.02	0.00	-0.02	1.3	ENE
3/27/2024 10:42:00	12.4	12.7	0.3	0.02	0.01	-0.02	1.3	E
3/27/2024 10:43:00	12.5	12.6	0.1	0.02	0.01	-0.01	1.2	ESE
3/27/2024 10:44:00	12.6	12.4	-0.2	0.02	0.01	-0.01	1.1	ENE
3/27/2024 10:45:00	12.7	12.2	-0.5	0.02	0.01	-0.01	1.1	NNW
3/27/2024 10:46:00	12.7	12.2	-0.5	0.01	0.01	-0.01	1.0	SE
3/27/2024 10:47:00	12.8	12.0	-0.8	0.01	0.01	0.00	1.0	ENE
3/27/2024 10:48:00	12.9	11.8	-1.1	0.01	0.01	0.00	1.0	E
3/27/2024 10:49:00	13.1	11.7	-1.4	0.00	0.01	0.01	1.0	E
3/27/2024 10:50:00	13.3	11.6	-1.7	0.00	0.01	0.01	1.0	E
3/27/2024 10:51:00	13.4	11.6	-1.7	0.00	0.01	0.01	1.0	NNW
3/27/2024 10:52:00	13.5	11.8	-1.6	0.00	0.01	0.01	1.0	W
3/27/2024 10:53:00	13.7	12.0	-1.7	0.00	0.01	0.01	1.0	NNE
3/27/2024 10:54:00	14.0	12.3	-1.8	0.00	0.01	0.01	1.0	E
3/27/2024 10:55:00	14.1	12.7	-1.5	0.00	0.01	0.01	1.0	W
3/27/2024 10:56:00	14.3	12.9	-1.4	0.00	0.01	0.01	1.0	E
3/27/2024 10:57:00	14.5	13.2	-1.3	0.00	0.01	0.01	0.9	ENE
3/27/2024 10:58:00	14.6	13.6	-1.0	0.00	0.01	0.01	1.0	WNW
3/27/2024 10:59:00	14.8	13.9	-0.9	0.00	0.01	0.01	0.9	NNW
3/27/2024 11:00:00	15.1	14.2	-0.9	0.00	0.01	0.01	0.9	NNW
3/27/2024 11:01:00	15.5	14.3	-1.2	0.00	0.01	0.01	0.9	NNW
3/27/2024 11:02:00	15.8	14.5	-1.2	0.00	0.01	0.01	0.9	E
3/27/2024 11:03:00	16.0	14.8	-1.2	0.00	0.01	0.01	0.9	NNE
3/27/2024 11:04:00	16.2	15.0	-1.2	0.00	0.01	0.01	0.8	NE
3/27/2024 11:05:00	16.5	15.3	-1.2	0.00	0.01	0.01	0.8	E
3/27/2024 11:06:00	16.7	15.5	-1.2	0.00	0.01	0.01	0.8	E
3/27/2024 11:07:00	17.0	15.6	-1.4	0.00	0.01	0.01	0.8	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
3/27/2024 11:08:00	17.1	15.7	-1.4	0.00	0.01	0.01	0.8	ENE
3/27/2024 11:09:00				0.00	0.01	0.01	0.8	NNE
3/27/2024 11:10:00				0.00	0.01	0.01	0.8	NW
3/27/2024 11:11:00				0.00	0.01	0.01	0.8	E
3/27/2024 11:12:00				0.00	0.01	0.01	0.8	E
3/27/2024 11:13:00	17.4	12.0	-5.3	0.00	0.01	0.01	0.8	E
3/27/2024 11:14:00	17.4	11.9	-5.5	0.00	0.01	0.01	0.8	NE
3/27/2024 11:15:00	17.6	11.9	-5.7	0.00	0.01	0.01	0.9	E
3/27/2024 11:16:00	17.6	11.8	-5.8	0.00	0.01	0.01	0.9	E
3/27/2024 11:17:00	17.5	11.8	-5.8	0.00	0.01	0.01	0.9	ENE
3/27/2024 11:18:00	17.5	11.7	-5.8	0.00	0.01	0.01	1.0	ESE
3/27/2024 11:19:00	17.5	11.7	-5.8	0.00	0.01	0.01	1.0	E
3/27/2024 11:20:00	17.6	11.7	-5.9	0.00	0.01	0.01	1.0	ENE
3/27/2024 11:21:00	17.6	11.8	-5.8	0.00	0.01	0.01	0.9	ENE
3/27/2024 11:22:00	17.5	11.8	-5.8	0.00	0.01	0.01	0.9	NE
3/27/2024 11:23:00	17.0	12.2	-4.8	0.00	0.01	0.01	1.0	WNW
3/27/2024 11:24:00	17.0	12.2	-4.8	0.00	0.01	0.01	1.0	ENE
3/27/2024 11:25:00	16.6	12.6	-4.0	0.00	0.01	0.01	0.9	WSW
3/27/2024 11:26:00	16.6	12.5	-4.1	0.00	0.01	0.01	0.9	NNW
3/27/2024 11:27:00	16.3	12.9	-3.5	0.00	0.01	0.01	0.9	WNW
3/27/2024 11:28:00	16.4	12.9	-3.5	0.00	0.01	0.01	0.9	NNW
3/27/2024 11:29:00	16.5	13.0	-3.5	0.00	0.01	0.01	0.8	NE
3/27/2024 11:30:00	16.2	13.5	-2.7	0.00	0.01	0.01	0.8	W
3/27/2024 11:31:00	16.3	13.6	-2.7	0.00	0.01	0.01	0.8	NNE
3/27/2024 11:32:00	16.4	13.6	-2.8	0.00	0.01	0.01	0.7	E
3/27/2024 11:33:00	16.5	13.7	-2.8	0.00	0.01	0.01	0.7	E
3/27/2024 11:34:00	16.6	13.8	-2.8	0.00	0.01	0.01	0.7	NNE
3/27/2024 11:35:00	16.6	13.9	-2.8	0.00	0.01	0.01	0.7	NNE
3/27/2024 11:36:00	16.8	13.9	-2.8	0.00	0.01	0.01	0.7	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
3/27/2024 11:37:00	16.5	14.5	-2.1	0.01	0.01	0.01	0.7	WNW
3/27/2024 11:38:00	17.1	14.2	-2.8	0.01	0.01	0.01	0.7	ENE
3/27/2024 11:39:00	16.8	14.8	-2.0	0.01	0.01	0.01	0.7	W
3/27/2024 11:40:00	17.4	14.5	-2.8	0.01	0.01	0.01	0.7	NE
3/27/2024 11:41:00	17.5	14.7	-2.9	0.01	0.01	0.01	0.7	NE
3/27/2024 11:42:00	17.8	14.9	-2.9	0.01	0.01	0.01	0.6	W
3/27/2024 11:43:00	17.8	15.5	-2.3	0.01	0.01	0.01	0.6	W
3/27/2024 11:44:00	17.7	16.1	-1.6	0.01	0.01	0.01	0.7	W
3/27/2024 11:45:00	17.9	16.3	-1.6	0.01	0.01	0.01	0.7	SSE
3/27/2024 11:46:00	17.6	16.9	-0.7	0.01	0.01	0.00	0.7	WSW
3/27/2024 11:47:00	17.9	17.0	-0.9	0.01	0.01	0.00	0.7	ESE
3/27/2024 11:48:00	18.2	17.1	-1.1	0.01	0.01	0.00	0.7	E
3/27/2024 11:49:00	18.4	17.2	-1.1	0.01	0.01	0.00	0.7	NE
3/27/2024 11:50:00	18.3	17.2	-1.1	0.01	0.01	0.00	0.7	ENE
3/27/2024 11:51:00	18.1	17.1	-1.0	0.01	0.01	0.00	0.7	ENE
3/27/2024 11:52:00	18.4	16.6	-1.9	0.01	0.01	0.01	0.6	NNW
3/27/2024 11:53:00	18.3	16.5	-1.9	0.01	0.01	0.00	0.6	ENE
3/27/2024 11:54:00	18.6	15.9	-2.7	0.01	0.01	0.01	0.6	SE
3/27/2024 11:55:00	18.6	15.8	-2.8	0.01	0.01	0.01	0.6	E
3/27/2024 11:56:00	18.5	15.7	-2.8	0.01	0.01	0.01	0.6	ENE
3/27/2024 11:57:00	18.2	15.5	-2.7	0.00	0.01	0.01	0.6	WNW
3/27/2024 11:58:00	18.2	14.9	-3.4	0.00	0.01	0.01	0.6	E
3/27/2024 11:59:00	18.4	14.2	-4.1	0.00	0.01	0.01	0.6	E
3/27/2024 12:00:00	18.4	13.6	-4.8	0.00	0.01	0.01	0.7	E
3/27/2024 12:01:00	18.5	12.9	-5.7	0.00	0.01	0.01	0.7	NE
3/27/2024 12:02:00	18.1	12.6	-5.5	0.00	0.01	0.01	0.7	ENE
3/27/2024 12:03:00	17.6	12.3	-5.3	0.00	0.01	0.01	0.7	E
3/27/2024 12:04:00	17.3	12.0	-5.3	0.00	0.01	0.01	0.7	E
3/27/2024 12:05:00	17.3	11.9	-5.4	0.00	0.01	0.01	0.7	NNE

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
3/27/2024 12:06:00	17.2	11.8	-5.4	0.00	0.01	0.01	0.7	NE
3/27/2024 12:07:00	17.1	11.7	-5.4	0.00	0.01	0.01	0.8	NE
3/27/2024 12:08:00	17.0	11.6	-5.4	0.00	0.01	0.01	0.9	E
3/27/2024 12:09:00	16.9	11.6	-5.3	0.00	0.01	0.01	0.9	ESE
3/27/2024 12:10:00	16.7	11.5	-5.3	0.00	0.01	0.01	0.8	NE
3/27/2024 12:11:00	16.7	11.4	-5.3	0.00	0.01	0.01	0.8	ENE
3/27/2024 12:12:00	16.6	11.3	-5.3	0.00	0.01	0.01	0.8	WNW
3/27/2024 12:13:00	16.5	11.3	-5.2	0.00	0.01	0.01	0.8	NE
3/27/2024 12:14:00	16.4	11.2	-5.2	0.00	0.00	0.00	0.8	ENE
3/27/2024 12:15:00	16.4	11.1	-5.3	0.00	0.00	0.00	0.8	ENE
3/27/2024 12:16:00	16.4	11.1	-5.4	0.00	0.00	0.00	0.7	ENE
3/27/2024 12:17:00	16.5	11.1	-5.4	0.00	0.00	0.00	0.7	ENE
3/27/2024 12:18:00	16.6	11.2	-5.5	0.00	0.00	0.00	0.7	E
3/27/2024 12:19:00	16.7	11.2	-5.5	0.00	0.00	0.00	0.8	E
3/27/2024 12:20:00	16.8	11.2	-5.5	0.00	0.00	0.00	0.8	ENE
3/27/2024 12:21:00	16.8	11.3	-5.5	0.00	0.01	0.01	0.7	ENE
3/27/2024 12:22:00	16.9	11.3	-5.6	0.00	0.01	0.01	0.7	ENE
3/27/2024 12:23:00	17.0	11.4	-5.6	0.00	0.01	0.01	0.7	NE
3/27/2024 12:24:00	16.7	11.8	-4.8	0.00	0.01	0.01	0.7	NW
3/27/2024 12:25:00	16.7	11.9	-4.8	0.00	0.01	0.01	0.7	E
3/27/2024 12:26:00	16.8	12.0	-4.8	0.00	0.01	0.01	0.8	ENE
3/27/2024 12:27:00	16.8	12.0	-4.8	0.00	0.01	0.01	0.8	NW
3/27/2024 12:28:00	16.8	12.0	-4.8	0.00	0.01	0.01	0.9	N
3/27/2024 12:29:00	16.8	12.0	-4.8	0.00	0.01	0.01	0.9	N
3/27/2024 12:30:00	16.4	12.5	-3.9	0.00	0.01	0.01	0.9	WNW
3/27/2024 12:31:00	16.0	13.0	-3.0	0.00	0.01	0.00	1.0	WNW
3/27/2024 12:32:00	16.1	13.1	-3.0	0.00	0.01	0.01	1.0	N
3/27/2024 12:33:00	16.1	13.1	-3.0	0.00	0.01	0.01	1.0	NE
3/27/2024 12:34:00	15.7	13.6	-2.1	0.00	0.01	0.00	1.0	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
3/27/2024 12:35:00	15.7	13.6	-2.2	0.00	0.01	0.00	1.0	NE
3/27/2024 12:36:00	15.3	14.0	-1.3	0.01	0.01	0.00	1.0	WNW
3/27/2024 12:37:00	15.3	14.1	-1.3	0.01	0.01	0.00	0.9	NE
3/27/2024 12:38:00	15.3	14.1	-1.3	0.01	0.01	0.00	0.9	ENE
3/27/2024 12:39:00	15.8	13.7	-2.1	0.00	0.01	0.00	0.9	E
3/27/2024 12:40:00	15.8	13.7	-2.1	0.00	0.01	0.00	0.9	E
3/27/2024 12:41:00	15.9	13.7	-2.2	0.00	0.01	0.00	0.9	ENE
3/27/2024 12:42:00	16.4	13.4	-3.0	0.00	0.01	0.01	0.8	E
3/27/2024 12:43:00	16.6	13.5	-3.1	0.00	0.01	0.01	0.8	N
3/27/2024 12:44:00	16.2	14.1	-2.1	0.00	0.01	0.00	0.8	WNW
3/27/2024 12:45:00	16.3	14.1	-2.1	0.00	0.01	0.00	0.7	SW
3/27/2024 12:46:00	16.8	13.8	-3.0	0.00	0.01	0.01	0.7	ENE
3/27/2024 12:47:00	16.9	13.9	-3.0	0.00	0.01	0.01	0.7	NNW
3/27/2024 12:48:00	16.5	14.3	-2.1	0.00	0.01	0.00	0.6	NW
3/27/2024 12:49:00	16.6	14.4	-2.1	0.00	0.01	0.00	0.6	W
3/27/2024 12:50:00	16.6	14.6	-2.1	0.00	0.01	0.00	0.6	N
3/27/2024 12:51:00	17.2	14.2	-3.0	0.00	0.01	0.01	0.6	E
3/27/2024 12:52:00	16.8	14.7	-2.1	0.00	0.01	0.00	0.6	WNW
3/27/2024 12:53:00	16.4	15.2	-1.2	0.01	0.01	0.00	0.6	WNW
3/27/2024 12:54:00	16.5	15.3	-1.2	0.01	0.01	0.00	0.5	N
3/27/2024 12:55:00	16.1	15.8	-0.3	0.01	0.01	0.00	0.5	WNW
3/27/2024 12:56:00	15.9	16.4	0.6	0.01	0.01	-0.01	0.5	WNW
3/27/2024 12:57:00	15.6	17.1	1.5	0.01	0.01	-0.01	0.5	W
3/27/2024 12:58:00	15.3	17.7	2.4	0.02	0.01	-0.01	0.5	NW
3/27/2024 12:59:00	15.7	17.9	2.2	0.02	0.01	-0.01	0.5	WSW
3/27/2024 13:00:00	16.3	17.8	1.5	0.02	0.01	-0.01	0.5	N
3/27/2024 13:01:00	16.2	18.4	2.2	0.02	0.01	-0.01	0.5	NW
3/27/2024 13:02:00	16.3	18.7	2.4	0.02	0.01	-0.01	0.5	ENE
3/27/2024 13:03:00	16.4	18.8	2.3	0.02	0.01	-0.01	0.5	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
3/27/2024 13:04:00	16.6	18.9	2.3	0.02	0.01	-0.01	0.5	WSW
3/27/2024 13:05:00	16.2	19.5	3.2	0.03	0.01	-0.02	0.5	NW
3/27/2024 13:06:00	15.9	20.1	4.2	0.04	0.01	-0.03	0.5	SSE
3/27/2024 13:07:00	16.4	19.7	3.3	0.04	0.01	-0.02	0.5	ENE
3/27/2024 13:08:00	16.8	19.2	2.4	0.04	0.01	-0.02	0.5	NNE
3/27/2024 13:09:00	17.0	19.2	2.1	0.03	0.01	-0.02	0.6	E
3/27/2024 13:10:00	18.1	18.7	0.6	0.03	0.01	-0.02	0.6	E
3/27/2024 13:11:00	18.0	19.0	1.0	0.03	0.01	-0.01	0.5	WSW
3/27/2024 13:12:00	17.8	19.1	1.2	0.03	0.01	-0.01	0.5	W
3/27/2024 13:13:00	17.6	19.1	1.4	0.03	0.01	-0.01	0.6	WNW
3/27/2024 13:14:00	17.4	19.0	1.5	0.03	0.01	-0.01	0.6	W
3/27/2024 13:15:00	16.9	19.1	2.3	0.03	0.01	-0.02	0.6	W
3/27/2024 13:16:00	16.7	19.1	2.3	0.03	0.01	-0.02	0.6	WSW
3/27/2024 13:17:00	16.6	18.9	2.3	0.03	0.01	-0.02	0.6	NE
3/27/2024 13:18:00	17.1	18.5	1.4	0.03	0.02	-0.01	0.6	N
3/27/2024 13:19:00	17.4	18.0	0.6	0.03	0.02	-0.01	0.6	ENE
3/27/2024 13:20:00	17.4	17.9	0.5	0.02	0.02	-0.01	0.5	W
3/27/2024 13:21:00	17.7	17.3	-0.4	0.01	0.02	0.01	0.5	NNW
3/27/2024 13:22:00	17.7	17.2	-0.4	0.01	0.02	0.00	0.5	NNE
3/27/2024 13:23:00	17.6	17.2	-0.4	0.01	0.02	0.00	0.5	ENE
3/27/2024 13:24:00	17.4	17.2	-0.2	0.01	0.01	0.00	0.5	NNW
3/27/2024 13:25:00	16.6	17.1	0.5	0.01	0.01	0.00	0.5	E
3/27/2024 13:26:00	17.1	16.3	-0.8	0.01	0.01	0.00	0.5	ENE
3/27/2024 13:27:00	18.0	15.5	-2.5	0.01	0.02	0.01	0.5	N
3/27/2024 13:28:00	19.1	14.8	-4.3	0.01	0.02	0.01	0.5	NNW
3/27/2024 13:29:00	19.6	14.3	-5.3	0.01	0.02	0.01	0.5	NE
3/27/2024 13:30:00	19.8	14.1	-5.7	0.01	0.02	0.01	0.5	W
3/27/2024 13:31:00	20.1	14.0	-6.2	0.00	0.02	0.01	0.5	ESE
3/27/2024 13:32:00	19.8	14.3	-5.5	0.00	0.01	0.01	0.6	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
3/27/2024 13:33:00	19.7	14.4	-5.4	0.00	0.01	0.01	0.5	N
3/27/2024 13:34:00	19.8	14.4	-5.4	0.00	0.01	0.01	0.5	ENE
3/27/2024 13:35:00	20.3	14.0	-6.2	0.00	0.01	0.01	0.6	E
3/27/2024 13:36:00	20.3	14.0	-6.2	0.00	0.01	0.01	0.7	ESE
3/27/2024 13:37:00	20.3	14.1	-6.2	0.00	0.01	0.01	0.8	NE
3/27/2024 13:38:00	20.0	14.6	-5.4	0.00	0.01	0.01	0.8	WNW
3/27/2024 13:39:00	20.0	14.7	-5.3	0.00	0.01	0.01	0.8	NE
3/27/2024 13:40:00	19.7	15.2	-4.5	0.00	0.01	0.01	0.9	W
3/27/2024 13:41:00	19.8	15.3	-4.5	0.00	0.01	0.01	0.9	E
3/27/2024 13:42:00	19.4	15.5	-3.9	0.00	0.01	0.01	0.9	ENE
3/27/2024 13:43:00	18.8	15.7	-3.1	0.00	0.01	0.01	0.9	NW
3/27/2024 13:44:00	18.7	15.7	-3.0	0.00	0.01	0.01	1.0	NNW
3/27/2024 13:45:00	18.9	15.4	-3.5	0.00	0.01	0.01	1.0	E
3/27/2024 13:46:00	18.8	15.1	-3.7	0.00	0.01	0.01	1.0	E
3/27/2024 13:47:00	19.2	14.8	-4.4	0.00	0.02	0.01	1.1	ENE
3/27/2024 13:48:00	19.3	14.7	-4.5	0.00	0.01	0.01	1.1	NNE
3/27/2024 13:49:00	18.9	15.2	-3.7	0.00	0.01	0.01	1.1	NW
3/27/2024 13:50:00	19.0	15.3	-3.7	0.00	0.01	0.01	1.1	ENE
3/27/2024 13:51:00	19.1	15.3	-3.8	0.00	0.01	0.01	1.1	E
3/27/2024 13:52:00	19.2	15.4	-3.8	0.00	0.01	0.01	1.1	ENE
3/27/2024 13:53:00	19.6	15.1	-4.5	0.00	0.01	0.01	1.1	ENE
3/27/2024 13:54:00	19.7	15.2	-4.6	0.00	0.01	0.01	1.1	E
3/27/2024 13:55:00	20.2	14.8	-5.4	0.00	0.01	0.01	1.0	NNE
3/27/2024 13:56:00	19.8	15.3	-4.5	0.00	0.01	0.01	1.1	SW
3/27/2024 13:57:00	19.9	15.3	-4.6	0.00	0.01	0.01	1.2	E
3/27/2024 13:58:00	20.0	15.3	-4.7	0.00	0.01	0.01	1.2	ESE
3/27/2024 13:59:00	20.1	15.4	-4.8	0.00	0.01	0.01	1.2	E
3/27/2024 14:00:00	19.8	15.8	-4.0	0.00	0.01	0.01	1.1	W
3/27/2024 14:01:00	19.5	16.3	-3.1	0.00	0.01	0.01	1.1	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
3/27/2024 14:02:00	19.1	16.8	-2.3	0.00	0.01	0.00	1.1	WNW
3/27/2024 14:03:00	19.0	16.8	-2.3	0.00	0.01	0.00	1.1	ENE
3/27/2024 14:04:00	19.4	16.4	-3.1	0.00	0.01	0.01	1.1	ENE
3/27/2024 14:05:00	19.4	16.3	-3.1	0.00	0.01	0.01	1.1	NNW
3/27/2024 14:06:00	19.0	16.7	-2.3	0.00	0.01	0.01	1.0	W
3/27/2024 14:07:00	18.6	17.1	-1.5	0.00	0.01	0.00	1.0	WSW
3/27/2024 14:08:00	18.6	17.1	-1.5	0.00	0.01	0.00	0.9	NNW
3/27/2024 14:09:00	18.6	17.2	-1.4	0.00	0.01	0.01	0.9	NNW
3/27/2024 14:10:00	18.3	17.7	-0.6	0.01	0.01	0.00	0.9	W
3/27/2024 14:11:00	18.3	17.7	-0.6	0.01	0.01	0.00	0.8	NW
3/27/2024 14:12:00	18.0	18.2	0.2	0.01	0.01	0.00	0.8	WNW
3/27/2024 14:13:00	17.5	18.7	1.1	0.01	0.01	0.00	0.8	WNW
3/27/2024 14:14:00	17.1	19.1	2.0	0.01	0.01	-0.01	0.8	W
3/27/2024 14:15:00	17.4	18.7	1.3	0.01	0.01	0.00	0.8	NNE
3/27/2024 14:16:00	17.4	18.6	1.2	0.01	0.01	0.00	0.8	W
3/27/2024 14:17:00	17.4	18.7	1.3	0.01	0.01	-0.01	0.8	W
3/27/2024 14:18:00	17.0	19.1	2.1	0.01	0.01	-0.01	0.8	WNW
3/27/2024 14:19:00	16.6	19.5	2.9	0.02	0.01	-0.01	0.8	NW
3/27/2024 14:20:00	16.2	20.0	3.8	0.02	0.00	-0.02	0.8	W
3/27/2024 14:21:00	16.2	20.0	3.8	0.02	0.00	-0.02	0.8	W
3/27/2024 14:22:00	16.2	20.0	3.8	0.02	0.00	-0.02	0.9	W
3/27/2024 14:23:00	16.1	20.1	4.0	0.02	0.00	-0.02	0.9	NNE
3/27/2024 14:24:00	15.7	20.4	4.7	0.02	0.00	-0.02	0.9	W
3/27/2024 14:25:00	16.1	20.0	3.9	0.02	0.00	-0.02	0.9	E
3/27/2024 14:26:00	16.4	19.5	3.1	0.02	0.01	-0.01	0.9	NNE
3/27/2024 14:27:00	16.8	19.1	2.3	0.02	0.01	-0.01	0.9	ENE
3/27/2024 14:28:00	16.7	19.0	2.2	0.02	0.01	-0.01	0.9	S
3/27/2024 14:29:00	16.8	18.9	2.1	0.02	0.01	-0.01	0.8	WSW
3/27/2024 14:30:00	16.4	19.3	2.9	0.02	0.01	-0.01	0.9	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
3/27/2024 14:31:00	16.5	19.4	2.9	0.02	0.01	-0.01	0.9	W
3/27/2024 14:32:00	16.6	19.4	2.8	0.02	0.01	-0.01	0.8	WSW
3/27/2024 14:33:00	17.1	19.0	2.0	0.02	0.01	-0.01	0.8	ENE
3/27/2024 14:34:00	17.1	19.1	1.9	0.02	0.01	-0.01	0.8	W
3/27/2024 14:35:00	17.6	18.7	1.1	0.01	0.01	0.00	0.8	ENE
3/27/2024 14:36:00	18.1	18.4	0.3	0.01	0.01	0.00	0.7	ENE
3/27/2024 14:37:00	18.1	18.4	0.3	0.01	0.01	0.00	0.7	W
3/27/2024 14:38:00	17.8	18.8	0.9	0.01	0.01	0.00	0.7	W
3/27/2024 14:39:00	18.3	18.4	0.2	0.01	0.01	0.00	0.7	NE
3/27/2024 14:40:00	18.3	18.6	0.3	0.01	0.01	0.00	0.7	NW
3/27/2024 14:41:00	18.3	18.6	0.3	0.01	0.01	0.00	0.7	NE
3/27/2024 14:42:00	18.3	18.7	0.4	0.01	0.01	0.00	0.6	ENE
3/27/2024 14:43:00	18.7	18.4	-0.3	0.01	0.01	0.00	0.7	E
3/27/2024 14:44:00	19.2	18.0	-1.1	0.01	0.01	0.00	0.7	E
3/27/2024 14:45:00	19.5	17.6	-1.9	0.01	0.01	0.01	0.7	ENE
3/27/2024 14:46:00	19.9	17.3	-2.6	0.01	0.01	0.01	0.6	NE
3/27/2024 14:47:00	20.2	16.9	-3.3	0.00	0.01	0.01	0.6	ENE
3/27/2024 14:48:00	20.1	16.9	-3.3	0.00	0.01	0.01	0.6	E
3/27/2024 14:49:00	20.5	16.5	-4.0	0.00	0.01	0.01	0.6	NNW
3/27/2024 14:50:00	20.4	16.5	-3.9	0.00	0.01	0.01	0.6	E
3/27/2024 14:51:00	20.0	16.9	-3.1	0.00	0.01	0.01	0.6	WNW
3/27/2024 14:52:00	20.4	16.6	-3.9	0.00	0.01	0.01	0.6	NNW
3/27/2024 14:53:00	20.8	16.2	-4.6	0.00	0.01	0.01	0.6	E
3/27/2024 14:54:00	20.4	16.5	-3.9	0.00	0.01	0.01	0.6	WNW
3/27/2024 14:55:00	20.1	16.8	-3.2	0.00	0.01	0.01	0.6	NW
3/27/2024 14:56:00	19.7	17.2	-2.5	0.01	0.01	0.01	0.6	WNW
3/27/2024 14:57:00	19.5	17.6	-1.9	0.01	0.01	0.00	0.6	W
3/27/2024 14:58:00	19.2	17.9	-1.3	0.01	0.01	0.00	0.6	WNW
3/27/2024 14:59:00	19.2	18.0	-1.2	0.01	0.01	0.00	0.5	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
3/27/2024 15:00:00	18.9	18.4	-0.5	0.01	0.01	0.00	0.5	NW
3/27/2024 15:01:00	18.6	18.8	0.2	0.01	0.01	0.00	0.5	W
3/27/2024 15:02:00	18.4	19.2	0.8	0.01	0.01	0.00	0.6	W
3/27/2024 15:03:00	18.4	19.3	0.8	0.01	0.01	0.00	0.5	NNW
3/27/2024 15:04:00	18.2	19.7	1.5	0.01	0.01	-0.01	0.5	WNW
3/27/2024 15:05:00	18.2	19.8	1.5	0.01	0.01	-0.01	0.5	NNE
3/27/2024 15:06:00	18.3	19.8	1.5	0.01	0.01	-0.01	0.5	WNW