

DAILY FIELD REPORT 214

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 21, 2024
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 3:30 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Carli Piretra (Environmental)
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Construction Manager: Consigli Construction Co., Inc. (Consigli)

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

- Urban excavated an about 15-foot-long by about 5-foot-wide area to about 7 feet below grade surface (bgs) and an about 2-foot-long by 2-foot-wide area to about 8 feet bgs in the western part of grids WC04_0-5 and WC04_5-10 for the installation of timber lagging.
- Urban backfilled and compacted previously imported pipe sand within an about 2-foot-long by about 2-foot-wide area around an existing caisson in the southwestern part of grid WC04.
- Urban graded an about 10-foot-long by about 10-foot-wide area in the northwestern part of grid WC04 for equipment mobilization.
- All excavated and graded material consisted of non-native soil; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a release were not observed.
- Urban continued installing waterproofing/vapor barrier membranes (GCP Preprufe® 300R and related products) in the southern 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 from the site.

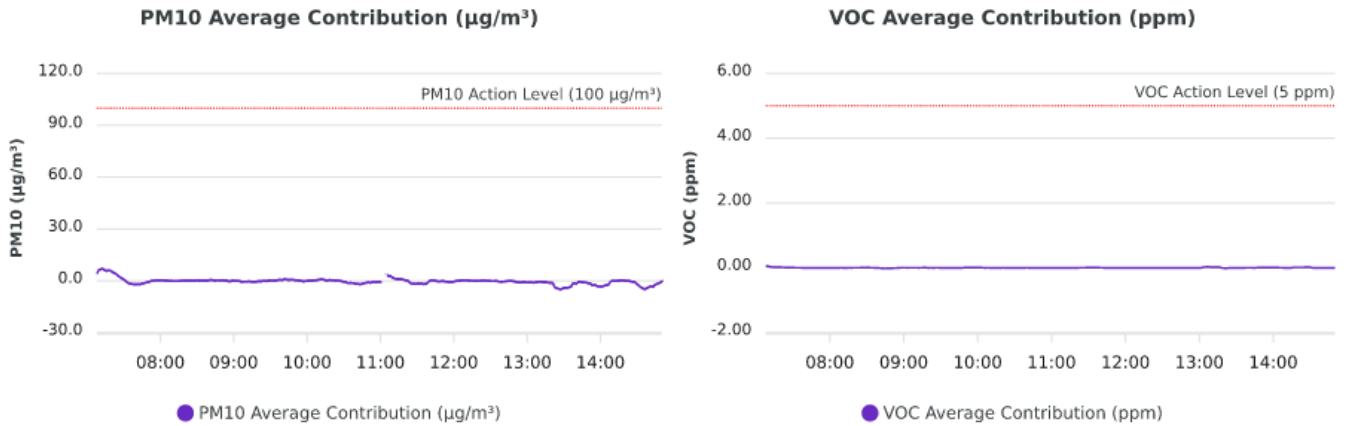
Air Monitoring:

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	10.4	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-4.9	VOC Average Site Contribution (Minimum)	-0.02
PM10 Average Site Contribution (Maximum)	7.0	VOC Average Site Contribution (Maximum)	0.06

µg/m³: micrograms per cubic meter.

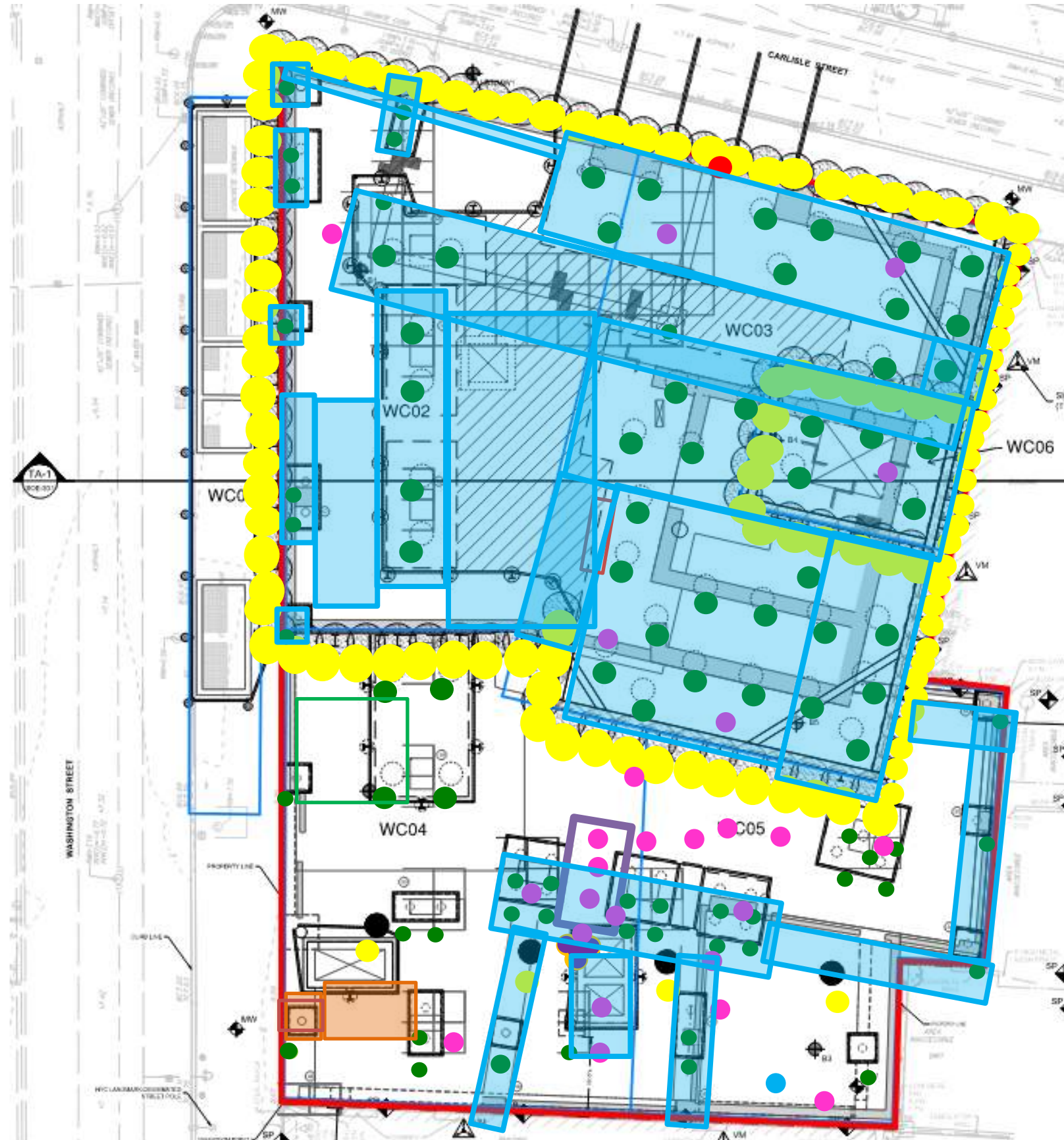
ppm: parts per million.



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**

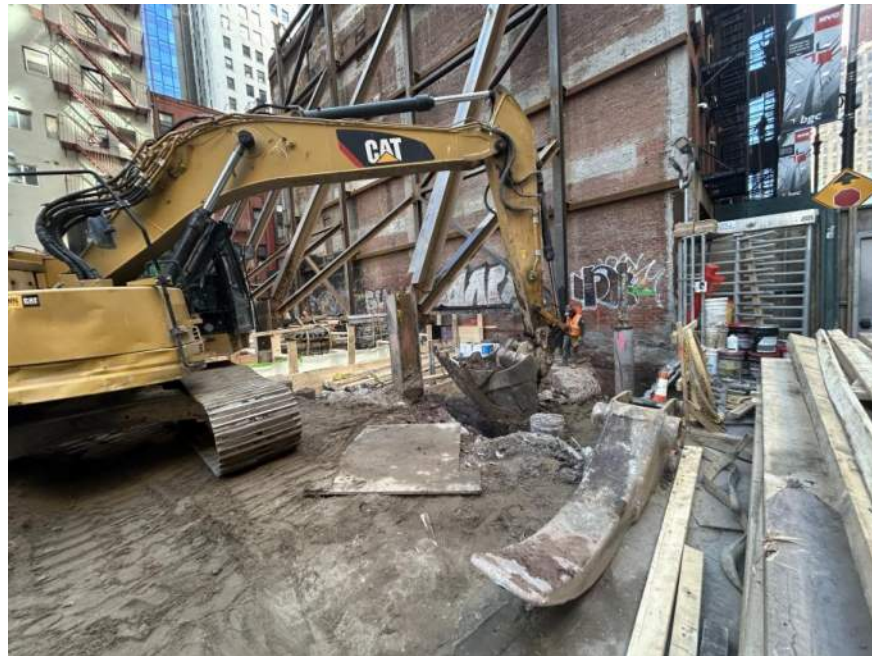
Note: Waste characterization grid areas were developed by PT Consultants and Urban and is shown on this site plan for reference only.

Photo Log

Photo 1: View of area backfilled with previously imported pipe sand in the southwestern part of grid WC04 (facing southwest).



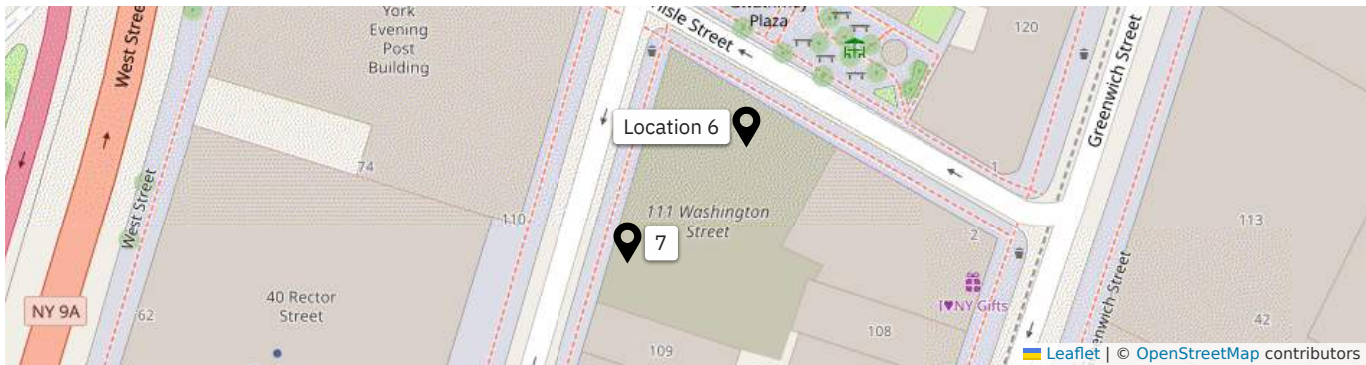
Photo 2: Urban excavating in the southwestern corner of WC04 (facing southeast).



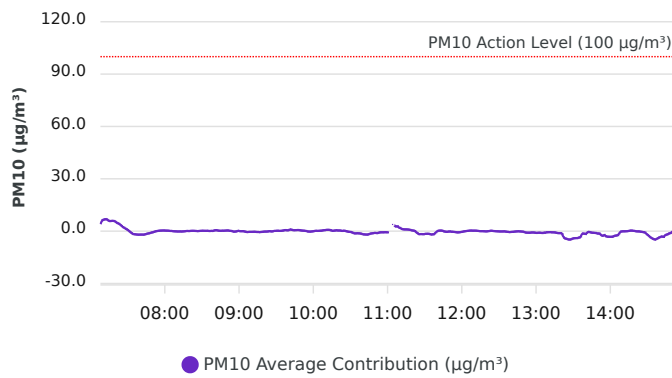
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	3/21/2024 06:00
		To:	3/21/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
3/21/2024	0.7-4.1	NE

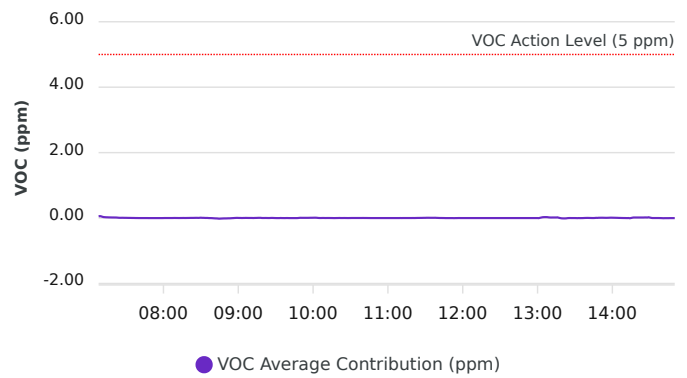
Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 3/21/2024	-4.9	14:36	-0.02	08:45
Max Contribution (15 min avg.) - 3/21/2024	7.0	07:12	0.06	07:09



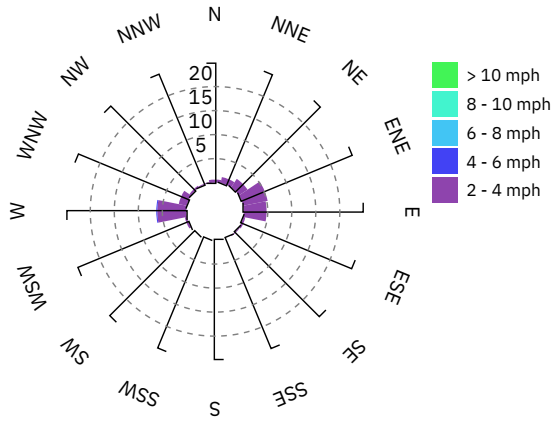
PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)



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
3/21/2024 07:08:00	10.4	14.4	4.1	0.00	0.05	0.05	1.2	ENE
3/21/2024 07:09:00	8.2	14.4	6.2	0.00	0.06	0.06	1.2	E
3/21/2024 07:10:00	7.4	13.9	6.5	0.00	0.05	0.05	1.4	ENE
3/21/2024 07:11:00	7.0	13.7	6.7	0.00	0.04	0.04	1.3	E
3/21/2024 07:12:00	6.5	13.5	7.0	0.01	0.04	0.03	1.3	ENE
3/21/2024 07:13:00	6.1	12.7	6.7	0.01	0.03	0.03	1.3	NNW
3/21/2024 07:14:00	5.8	11.9	6.1	0.00	0.03	0.02	1.3	E
3/21/2024 07:15:00	5.5	11.3	5.8	0.00	0.03	0.02	1.3	E
3/21/2024 07:16:00	5.3	11.1	5.8	0.00	0.02	0.02	1.3	E
3/21/2024 07:17:00	5.1	11.0	5.9	0.00	0.02	0.02	1.3	ENE
3/21/2024 07:18:00	5.0	10.9	5.9	0.00	0.02	0.02	1.3	NNE
3/21/2024 07:19:00	5.0	10.8	5.8	0.00	0.02	0.02	1.3	NE
3/21/2024 07:20:00	5.0	10.2	5.3	0.00	0.02	0.02	1.4	NE
3/21/2024 07:21:00	4.9	9.7	4.8	0.00	0.02	0.02	1.4	ENE
3/21/2024 07:22:00	4.7	9.1	4.4	0.00	0.02	0.02	1.3	N
3/21/2024 07:23:00	4.2	8.3	4.1	0.00	0.02	0.01	1.3	E
3/21/2024 07:24:00	4.1	7.5	3.5	0.00	0.01	0.01	1.3	E
3/21/2024 07:25:00	3.9	6.8	2.9	0.00	0.01	0.01	1.4	NE
3/21/2024 07:26:00	3.8	6.1	2.3	0.00	0.01	0.01	1.4	ENE
3/21/2024 07:27:00	3.6	5.5	1.9	0.00	0.01	0.01	1.4	W
3/21/2024 07:28:00	3.6	5.0	1.4	0.00	0.01	0.01	1.3	NNW
3/21/2024 07:29:00	3.6	4.6	1.0	0.00	0.01	0.01	1.4	NE
3/21/2024 07:30:00	3.6	4.2	0.6	0.00	0.01	0.01	1.3	N
3/21/2024 07:31:00	3.7	3.7	0.0	0.00	0.01	0.01	1.3	E
3/21/2024 07:32:00	3.7	3.0	-0.6	0.00	0.01	0.01	1.3	ENE
3/21/2024 07:33:00	3.6	2.5	-1.1	0.00	0.01	0.01	1.3	ENE
3/21/2024 07:34:00	3.6	1.9	-1.6	0.00	0.00	0.00	1.3	NE
3/21/2024 07:35:00	3.5	1.8	-1.8	0.00	0.00	0.00	1.3	NE
3/21/2024 07:36:00	3.5	1.7	-1.8	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
3/21/2024 07:37:00	3.6	1.7	-2.0	0.00	0.00	0.00	1.4	E
3/21/2024 07:38:00	3.6	1.6	-2.0	0.00	0.00	0.00	1.4	SE
3/21/2024 07:39:00	3.5	1.4	-2.0	0.00	0.00	0.00	1.4	E
3/21/2024 07:40:00	3.3	1.3	-2.0	0.00	0.00	0.00	1.4	ENE
3/21/2024 07:41:00	3.1	1.2	-1.9	0.00	0.00	0.00	1.4	ENE
3/21/2024 07:42:00	3.1	1.1	-2.1	0.00	0.00	0.00	1.5	E
3/21/2024 07:43:00	3.0	1.0	-1.9	0.00	0.00	0.00	1.4	NE
3/21/2024 07:44:00	2.8	1.0	-1.8	0.00	0.00	0.00	1.4	NW
3/21/2024 07:45:00	2.6	1.0	-1.6	0.00	0.00	0.00	1.4	ENE
3/21/2024 07:46:00	2.4	1.0	-1.3	0.00	0.00	0.00	1.4	NE
3/21/2024 07:47:00	2.2	1.0	-1.3	0.00	0.00	0.00	1.5	ENE
3/21/2024 07:48:00	2.0	1.0	-1.0	0.00	0.00	0.00	1.5	SW
3/21/2024 07:49:00	1.8	1.0	-0.8	0.00	0.00	0.00	1.7	W
3/21/2024 07:50:00	1.8	1.1	-0.7	0.00	0.00	0.00	1.7	WNW
3/21/2024 07:51:00	1.7	1.3	-0.4	0.00	0.00	0.00	1.7	ENE
3/21/2024 07:52:00	1.5	1.4	-0.1	0.00	0.00	0.00	1.6	E
3/21/2024 07:53:00	1.4	1.5	0.0	0.00	0.00	0.00	1.6	NNE
3/21/2024 07:54:00	1.4	1.5	0.1	0.00	0.00	0.00	1.6	E
3/21/2024 07:55:00	1.4	1.6	0.2	0.00	0.00	0.00	1.7	WNW
3/21/2024 07:56:00	1.4	1.7	0.3	0.00	0.00	0.00	1.7	WNW
3/21/2024 07:57:00	1.4	1.7	0.3	0.00	0.00	0.00	1.7	WNW
3/21/2024 07:58:00	1.4	1.8	0.4	0.00	0.00	0.00	1.8	NE
3/21/2024 07:59:00	1.4	1.8	0.4	0.00	0.00	0.00	1.8	NNE
3/21/2024 08:00:00	1.4	1.7	0.3	0.00	0.00	0.00	1.7	NNE
3/21/2024 08:01:00	1.4	1.7	0.3	0.00	0.00	0.00	1.7	N
3/21/2024 08:02:00	1.5	1.8	0.3	0.00	0.00	0.00	1.7	NNE
3/21/2024 08:03:00	1.6	1.7	0.2	0.00	0.00	0.00	1.7	NE
3/21/2024 08:04:00	1.6	1.7	0.1	0.00	0.00	0.00	1.6	E
3/21/2024 08:05:00	1.5	1.6	0.1	0.00	0.00	0.00	1.5	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
3/21/2024 08:06:00	1.4	1.4	0.0	0.00	0.00	0.00	1.5	W
3/21/2024 08:07:00	1.4	1.4	-0.1	0.00	0.00	0.00	1.5	WSW
3/21/2024 08:08:00	1.4	1.3	-0.1	0.00	0.00	0.00	1.7	E
3/21/2024 08:09:00	1.4	1.3	-0.1	0.00	0.00	0.00	1.8	ENE
3/21/2024 08:10:00	1.5	1.3	-0.2	0.00	0.00	0.00	1.7	WNW
3/21/2024 08:11:00	1.5	1.3	-0.2	0.00	0.00	0.00	1.7	E
3/21/2024 08:12:00	1.5	1.4	-0.1	0.00	0.00	0.00	1.7	W
3/21/2024 08:13:00	1.6	1.3	-0.2	0.00	0.00	0.00	1.7	E
3/21/2024 08:14:00	1.6	1.4	-0.2	0.00	0.00	0.00	1.7	ESE
3/21/2024 08:15:00	1.6	1.4	-0.1	0.00	0.00	0.00	1.7	NNW
3/21/2024 08:16:00	1.5	1.5	0.0	0.00	0.00	0.00	1.7	E
3/21/2024 08:17:00	1.5	1.6	0.1	0.00	0.00	0.00	1.6	SSW
3/21/2024 08:18:00	1.5	1.6	0.1	0.00	0.00	0.00	1.6	W
3/21/2024 08:19:00	1.8	1.8	0.0	0.00	0.01	0.00	1.6	N
3/21/2024 08:20:00	1.8	1.9	0.1	0.00	0.01	0.00	1.6	ENE
3/21/2024 08:21:00	1.8	1.9	0.2	0.00	0.01	0.00	1.6	ENE
3/21/2024 08:22:00	1.8	1.9	0.2	0.00	0.01	0.01	1.6	SE
3/21/2024 08:23:00	1.8	1.9	0.2	0.00	0.01	0.01	1.5	NE
3/21/2024 08:24:00	1.8	1.9	0.1	0.00	0.01	0.01	1.5	ESE
3/21/2024 08:25:00	1.8	1.9	0.1	0.00	0.01	0.01	1.5	ENE
3/21/2024 08:26:00	1.7	1.7	0.0	0.00	0.01	0.01	1.6	ESE
3/21/2024 08:27:00	1.6	1.7	0.1	0.00	0.01	0.01	1.6	WNW
3/21/2024 08:28:00	1.6	1.7	0.1	0.00	0.01	0.01	1.5	W
3/21/2024 08:29:00	1.7	1.8	0.2	0.00	0.01	0.01	1.5	NNE
3/21/2024 08:30:00	1.7	1.9	0.2	0.00	0.01	0.01	1.5	NNW
3/21/2024 08:31:00	1.7	1.9	0.2	0.01	0.01	0.01	1.6	WNW
3/21/2024 08:32:00	1.8	1.9	0.2	0.01	0.01	0.01	1.7	W
3/21/2024 08:33:00	1.8	1.9	0.1	0.01	0.01	0.01	1.8	W
3/21/2024 08:34:00	1.6	1.9	0.2	0.01	0.01	0.00	1.8	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
3/21/2024 08:35:00	1.6	1.8	0.1	0.01	0.01	0.00	1.8	NE
3/21/2024 08:36:00	1.7	1.8	0.1	0.01	0.01	0.00	1.9	WNW
3/21/2024 08:37:00	1.8	2.0	0.2	0.01	0.01	0.00	1.9	W
3/21/2024 08:38:00	2.0	2.1	0.1	0.01	0.01	0.00	1.8	NNW
3/21/2024 08:39:00	2.0	2.2	0.2	0.01	0.01	0.00	1.8	NW
3/21/2024 08:40:00	2.1	2.6	0.5	0.02	0.01	-0.01	1.7	W
3/21/2024 08:41:00	2.3	2.9	0.6	0.02	0.01	-0.01	1.6	WNW
3/21/2024 08:42:00	2.5	2.9	0.5	0.02	0.01	-0.01	1.7	WNW
3/21/2024 08:43:00	2.6	2.9	0.3	0.02	0.01	-0.01	1.8	WSW
3/21/2024 08:44:00	2.8	2.9	0.2	0.02	0.01	-0.02	1.8	W
3/21/2024 08:45:00	2.9	3.1	0.2	0.02	0.00	-0.02	1.9	ENE
3/21/2024 08:46:00	2.9	3.2	0.3	0.02	0.01	-0.02	1.9	E
3/21/2024 08:47:00	2.9	3.1	0.2	0.02	0.01	-0.01	1.7	NE
3/21/2024 08:48:00	2.9	3.1	0.2	0.02	0.01	-0.01	1.7	ENE
3/21/2024 08:49:00	2.8	3.1	0.3	0.02	0.01	-0.01	1.7	E
3/21/2024 08:50:00	2.8	3.1	0.4	0.02	0.01	-0.01	1.8	E
3/21/2024 08:51:00	2.7	3.1	0.4	0.01	0.01	-0.01	1.7	W
3/21/2024 08:52:00	2.7	2.9	0.1	0.01	0.01	-0.01	1.7	NW
3/21/2024 08:53:00	2.6	2.8	0.1	0.01	0.01	-0.01	1.7	ENE
3/21/2024 08:54:00	2.6	2.7	0.1	0.01	0.01	-0.01	1.7	E
3/21/2024 08:55:00	2.5	2.3	-0.3	0.01	0.01	0.00	1.8	E
3/21/2024 08:56:00	2.4	2.1	-0.3	0.01	0.01	0.00	1.8	E
3/21/2024 08:57:00	2.3	2.1	-0.2	0.01	0.01	0.00	1.7	ENE
3/21/2024 08:58:00	2.1	2.0	0.0	0.00	0.01	0.00	1.7	W
3/21/2024 08:59:00	1.9	2.1	0.2	0.00	0.01	0.01	1.7	W
3/21/2024 09:00:00	1.8	1.8	0.0	0.00	0.01	0.00	1.8	E
3/21/2024 09:01:00	1.7	1.6	-0.1	0.00	0.00	0.00	1.7	NW
3/21/2024 09:02:00	1.7	1.7	0.0	0.00	0.00	0.00	1.8	NW
3/21/2024 09:03:00	1.7	1.7	0.0	0.00	0.00	0.00	1.7	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
3/21/2024 09:04:00	1.7	1.5	-0.2	0.00	0.00	0.00	1.7	E
3/21/2024 09:05:00	1.8	1.4	-0.3	0.00	0.01	0.00	1.7	NNE
3/21/2024 09:06:00	1.9	1.4	-0.6	0.00	0.01	0.01	1.8	E
3/21/2024 09:07:00	1.8	1.3	-0.5	0.00	0.01	0.00	1.7	E
3/21/2024 09:08:00	1.7	1.3	-0.4	0.00	0.00	0.00	1.8	E
3/21/2024 09:09:00	1.7	1.3	-0.4	0.00	0.00	0.00	1.8	ENE
3/21/2024 09:10:00	1.7	1.3	-0.4	0.00	0.00	0.00	1.8	N
3/21/2024 09:11:00	1.6	1.3	-0.4	0.00	0.00	0.00	1.8	W
3/21/2024 09:12:00	1.6	1.3	-0.3	0.00	0.00	0.00	1.9	WNW
3/21/2024 09:13:00	1.7	1.3	-0.4	0.00	0.01	0.00	1.7	E
3/21/2024 09:14:00	1.7	1.2	-0.5	0.00	0.01	0.00	1.7	E
3/21/2024 09:15:00	1.7	1.2	-0.5	0.00	0.01	0.01	1.6	ENE
3/21/2024 09:16:00	1.8	1.2	-0.6	0.00	0.01	0.01	1.7	NE
3/21/2024 09:17:00	1.8	1.3	-0.5	0.00	0.01	0.01	1.8	NW
3/21/2024 09:18:00	1.9	1.4	-0.5	0.00	0.01	0.01	1.8	WNW
3/21/2024 09:19:00	2.0	1.6	-0.4	0.01	0.01	0.00	1.8	W
3/21/2024 09:20:00	2.0	1.8	-0.3	0.01	0.01	0.00	1.7	NE
3/21/2024 09:21:00	2.0	1.8	-0.2	0.01	0.01	0.00	1.6	ESE
3/21/2024 09:22:00	2.1	1.8	-0.3	0.01	0.01	0.00	1.7	ENE
3/21/2024 09:23:00	2.1	1.9	-0.2	0.01	0.01	0.00	1.6	W
3/21/2024 09:24:00	2.0	2.0	0.0	0.01	0.01	0.00	1.6	NW
3/21/2024 09:25:00	2.1	2.1	0.0	0.01	0.01	0.00	1.7	NE
3/21/2024 09:26:00	2.3	2.0	-0.3	0.01	0.01	0.00	1.6	NE
3/21/2024 09:27:00	2.2	2.1	-0.1	0.01	0.01	0.00	1.6	WNW
3/21/2024 09:28:00	2.1	2.2	0.1	0.01	0.01	0.00	1.7	WNW
3/21/2024 09:29:00	2.1	2.2	0.1	0.01	0.01	0.00	1.7	W
3/21/2024 09:30:00	2.1	2.3	0.2	0.01	0.01	0.00	1.7	W
3/21/2024 09:31:00	2.1	2.4	0.3	0.01	0.00	0.00	1.7	W
3/21/2024 09:32:00	2.2	2.3	0.1	0.01	0.00	0.00	1.7	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
3/21/2024 09:33:00	2.2	2.3	0.1	0.01	0.00	0.00	1.7	NNW
3/21/2024 09:34:00	2.1	2.3	0.2	0.00	0.00	0.00	1.7	W
3/21/2024 09:35:00	2.0	2.3	0.3	0.00	0.00	0.00	1.7	NW
3/21/2024 09:36:00	1.9	2.4	0.5	0.00	0.00	0.00	1.7	NNE
3/21/2024 09:37:00	1.9	2.5	0.7	0.00	0.00	0.00	1.8	E
3/21/2024 09:38:00	1.9	2.4	0.6	0.00	0.00	0.00	1.8	E
3/21/2024 09:39:00	1.9	2.3	0.4	0.00	0.00	0.00	1.7	ENE
3/21/2024 09:40:00	1.8	2.5	0.7	0.00	0.00	0.00	1.6	E
3/21/2024 09:41:00	1.7	2.7	1.0	0.00	0.00	0.00	1.6	ENE
3/21/2024 09:42:00	1.8	2.6	0.8	0.00	0.00	0.00	1.6	ENE
3/21/2024 09:43:00	1.8	2.4	0.6	0.00	0.00	0.00	1.5	E
3/21/2024 09:44:00	1.8	2.4	0.5	0.00	0.00	0.00	1.6	ENE
3/21/2024 09:45:00	1.8	2.3	0.6	0.00	0.00	0.00	1.5	ENE
3/21/2024 09:46:00	1.7	2.3	0.6	0.00	0.00	0.00	1.4	E
3/21/2024 09:47:00	1.6	2.3	0.7	0.00	0.00	0.00	1.3	E
3/21/2024 09:48:00	1.6	2.2	0.6	0.00	0.00	0.00	1.4	ENE
3/21/2024 09:49:00	1.5	2.0	0.5	0.00	0.01	0.01	1.3	ENE
3/21/2024 09:50:00	1.5	1.9	0.4	0.00	0.01	0.01	1.4	ENE
3/21/2024 09:51:00	1.4	1.7	0.3	0.00	0.01	0.01	1.4	ENE
3/21/2024 09:52:00	1.4	1.6	0.3	0.00	0.01	0.01	1.3	ENE
3/21/2024 09:53:00	1.5	1.6	0.1	0.00	0.01	0.01	1.3	ENE
3/21/2024 09:54:00	1.6	1.7	0.1	0.00	0.01	0.01	1.4	N
3/21/2024 09:55:00	1.8	1.6	-0.2	0.00	0.01	0.01	1.4	ENE
3/21/2024 09:56:00	1.9	1.6	-0.3	0.00	0.01	0.01	1.4	NNW
3/21/2024 09:57:00	2.1	1.8	-0.3	0.00	0.01	0.01	1.3	NNW
3/21/2024 09:58:00	2.2	2.0	-0.2	0.00	0.01	0.01	1.4	ENE
3/21/2024 09:59:00	2.3	2.1	-0.1	0.00	0.01	0.01	1.4	N
3/21/2024 10:00:00	2.4	2.4	0.0	0.00	0.01	0.01	1.5	ENE
3/21/2024 10:01:00	2.4	2.6	0.1	0.00	0.01	0.01	1.4	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
3/21/2024 10:02:00	2.5	2.7	0.2	0.00	0.01	0.01	1.4	E
3/21/2024 10:03:00	2.6	2.7	0.1	0.00	0.01	0.01	1.4	W
3/21/2024 10:04:00	2.8	3.0	0.1	0.00	0.01	0.00	1.5	NW
3/21/2024 10:05:00	3.0	3.3	0.2	0.00	0.00	0.00	1.5	W
3/21/2024 10:06:00	3.1	3.4	0.2	0.00	0.00	0.00	1.5	WNW
3/21/2024 10:07:00	3.3	3.6	0.3	0.00	0.01	0.00	1.5	N
3/21/2024 10:08:00	3.2	3.7	0.6	0.00	0.01	0.00	1.5	N
3/21/2024 10:09:00	3.2	3.8	0.6	0.00	0.01	0.00	1.5	WNW
3/21/2024 10:10:00	3.1	3.8	0.7	0.01	0.01	0.00	1.6	W
3/21/2024 10:11:00	3.2	4.0	0.7	0.01	0.01	0.00	1.7	SE
3/21/2024 10:12:00	3.3	4.0	0.8	0.01	0.01	0.00	1.7	E
3/21/2024 10:13:00	3.2	3.9	0.7	0.01	0.01	0.00	1.6	NNE
3/21/2024 10:14:00	3.2	3.7	0.5	0.01	0.01	0.00	1.6	ENE
3/21/2024 10:15:00	3.2	3.4	0.2	0.01	0.01	0.00	1.6	NNW
3/21/2024 10:16:00	3.1	3.3	0.2	0.01	0.01	0.00	1.7	W
3/21/2024 10:17:00	3.0	3.3	0.3	0.01	0.01	0.00	1.7	NW
3/21/2024 10:18:00	2.7	3.3	0.5	0.01	0.01	0.00	1.7	NW
3/21/2024 10:19:00	2.6	3.0	0.4	0.00	0.01	0.00	1.7	NNW
3/21/2024 10:20:00	2.4	2.7	0.3	0.00	0.01	0.00	1.6	ESE
3/21/2024 10:21:00	2.2	2.6	0.5	0.00	0.01	0.00	1.6	WNW
3/21/2024 10:22:00	2.1	2.3	0.2	0.00	0.00	0.00	1.7	NNE
3/21/2024 10:23:00	2.2	2.3	0.1	0.00	0.00	0.00	1.7	W
3/21/2024 10:24:00	2.2	2.4	0.2	0.00	0.00	0.00	1.8	WSW
3/21/2024 10:25:00	2.2	2.4	0.2	0.00	0.00	0.00	1.7	NW
3/21/2024 10:26:00	2.1	2.1	0.0	0.00	0.00	0.00	1.7	ENE
3/21/2024 10:27:00	1.9	1.8	-0.2	0.00	0.00	0.00	1.7	E
3/21/2024 10:28:00	2.0	1.6	-0.3	0.00	0.00	0.00	1.7	NE
3/21/2024 10:29:00	2.1	1.6	-0.5	0.00	0.00	0.00	1.7	ENE
3/21/2024 10:30:00	2.0	1.6	-0.5	0.00	0.00	0.00	1.8	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
3/21/2024 10:31:00	2.2	1.4	-0.8	0.00	0.00	0.00	1.7	ENE
3/21/2024 10:32:00	2.3	1.2	-1.0	0.00	0.00	0.00	1.7	E
3/21/2024 10:33:00	2.4	1.0	-1.3	0.00	0.00	0.00	1.8	E
3/21/2024 10:34:00	2.4	1.1	-1.3	0.00	0.00	0.00	1.8	NNW
3/21/2024 10:35:00	2.5	1.3	-1.2	0.00	0.00	0.00	1.7	E
3/21/2024 10:36:00	2.6	1.3	-1.3	0.00	0.00	0.00	1.7	W
3/21/2024 10:37:00	2.6	1.4	-1.3	0.00	0.00	0.00	1.7	E
3/21/2024 10:38:00	2.5	1.2	-1.4	0.00	0.00	0.00	1.6	NE
3/21/2024 10:39:00	2.5	0.9	-1.6	0.00	0.00	0.00	1.6	NE
3/21/2024 10:40:00	2.5	0.7	-1.9	0.00	0.00	0.00	1.5	ENE
3/21/2024 10:41:00	2.5	0.6	-1.9	0.00	0.00	0.00	1.5	NE
3/21/2024 10:42:00	2.5	0.6	-1.9	0.00	0.00	0.00	1.6	E
3/21/2024 10:43:00	2.6	0.6	-2.0	0.00	0.00	0.00	1.6	NNW
3/21/2024 10:44:00	2.6	0.7	-1.9	0.00	0.00	0.00	1.6	E
3/21/2024 10:45:00	2.6	1.0	-1.6	0.00	0.00	0.00	1.7	W
3/21/2024 10:46:00	2.7	1.3	-1.4	0.00	0.00	0.00	1.7	WNW
3/21/2024 10:47:00	2.8	1.6	-1.2	0.00	0.00	0.00	1.7	ENE
3/21/2024 10:48:00	2.9	1.7	-1.2	0.00	0.00	0.00	1.6	NE
3/21/2024 10:49:00	2.8	1.8	-1.0	0.00	0.00	0.00	1.6	WNW
3/21/2024 10:50:00	2.8	1.7	-1.0	0.00	0.00	0.00	1.7	NE
3/21/2024 10:51:00	2.8	1.7	-1.2	0.00	0.00	0.00	1.7	N
3/21/2024 10:52:00	2.9	1.8	-1.0	0.00	0.00	0.00	1.7	NE
3/21/2024 10:53:00	2.8	2.1	-0.8	0.00	0.00	0.00	1.7	NNE
3/21/2024 10:54:00	2.8	2.1	-0.7	0.00	0.00	0.00	1.8	NE
3/21/2024 10:55:00	2.7	2.1	-0.6	0.00	0.00	0.00	1.8	ENE
3/21/2024 10:56:00	2.8	2.1	-0.7	0.00	0.00	0.00	1.8	NE
3/21/2024 10:57:00	2.7	2.1	-0.6	0.00	0.00	0.00	1.8	ENE
3/21/2024 10:58:00	2.6	2.0	-0.6	0.00	0.00	0.00	1.7	NE
3/21/2024 10:59:00	2.5	1.9	-0.6	0.00	0.00	0.00	1.8	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
3/21/2024 11:00:00	2.4	1.7	-0.7	0.00	0.00	0.00	1.7	WNW
3/21/2024 11:01:00				0.00	0.00	0.00	1.7	E
3/21/2024 11:02:00				0.00	0.00	0.00	1.7	N
3/21/2024 11:03:00				0.00	0.00	0.00	1.7	ENE
3/21/2024 11:04:00	1.7	5.6	3.9	0.00	0.00	0.00	1.7	SE
3/21/2024 11:05:00	1.7	5.2	3.4	0.00	0.00	0.00	1.7	ENE
3/21/2024 11:06:00	1.9	4.6	2.7	0.00	0.00	0.00	1.8	NE
3/21/2024 11:07:00	1.9	4.6	2.7	0.00	0.00	0.00	1.7	ENE
3/21/2024 11:08:00	1.9	4.7	2.8	0.00	0.00	0.00	1.7	E
3/21/2024 11:09:00	2.4	4.4	2.0	0.00	0.00	0.00	1.8	W
3/21/2024 11:10:00	2.6	4.4	1.8	0.00	0.00	0.00	1.8	NNW
3/21/2024 11:11:00	3.1	4.4	1.3	0.00	0.00	0.00	1.8	NW
3/21/2024 11:12:00	3.5	4.5	1.1	0.00	0.00	0.00	1.8	ENE
3/21/2024 11:13:00	3.5	4.5	1.0	0.00	0.00	0.00	1.9	ESE
3/21/2024 11:14:00	3.4	4.4	1.0	0.00	0.00	0.00	1.8	E
3/21/2024 11:15:00	3.3	4.3	1.0	0.00	0.00	0.00	1.8	ENE
3/21/2024 11:16:00	3.2	4.2	1.0	0.00	0.00	0.00	1.8	E
3/21/2024 11:17:00	3.2	4.0	0.8	0.00	0.00	0.00	1.8	ESE
3/21/2024 11:18:00	3.1	3.8	0.7	0.00	0.00	0.00	1.8	ESE
3/21/2024 11:19:00	3.2	3.7	0.5	0.00	0.00	0.00	1.9	E
3/21/2024 11:20:00	3.2	3.6	0.4	0.00	0.00	0.00	1.9	NNE
3/21/2024 11:21:00	3.3	3.5	0.3	0.00	0.00	0.00	1.9	WNW
3/21/2024 11:22:00	3.3	3.3	0.0	0.00	0.00	0.00	1.8	NNE
3/21/2024 11:23:00	3.8	3.1	-0.8	0.00	0.00	0.00	1.8	E
3/21/2024 11:24:00	4.2	3.0	-1.2	0.00	0.01	0.00	1.7	ENE
3/21/2024 11:25:00	4.5	2.8	-1.8	0.00	0.01	0.00	1.7	NE
3/21/2024 11:26:00	4.3	2.6	-1.7	0.00	0.01	0.01	1.8	N
3/21/2024 11:27:00	4.0	2.4	-1.7	0.00	0.01	0.01	1.7	ENE
3/21/2024 11:28:00	3.9	2.2	-1.7	0.00	0.01	0.01	1.7	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
3/21/2024 11:29:00	3.9	2.1	-1.8	0.00	0.01	0.01	1.7	E
3/21/2024 11:30:00	3.9	2.4	-1.6	0.00	0.01	0.01	1.7	NE
3/21/2024 11:31:00	3.9	2.4	-1.6	0.00	0.01	0.01	1.7	ESE
3/21/2024 11:32:00	4.0	2.4	-1.5	0.00	0.01	0.01	1.7	E
3/21/2024 11:33:00	4.0	2.5	-1.5	0.00	0.01	0.01	1.7	W
3/21/2024 11:34:00	4.2	2.5	-1.7	0.00	0.01	0.01	1.8	W
3/21/2024 11:35:00	4.5	2.5	-2.0	0.01	0.01	0.01	1.8	W
3/21/2024 11:36:00	4.5	2.7	-1.8	0.01	0.02	0.01	1.8	NE
3/21/2024 11:37:00	4.6	2.8	-1.8	0.01	0.02	0.01	1.8	SSW
3/21/2024 11:38:00	4.0	2.8	-1.2	0.01	0.02	0.01	1.9	ENE
3/21/2024 11:39:00	3.5	3.0	-0.6	0.01	0.02	0.01	1.9	WNW
3/21/2024 11:40:00	3.1	3.1	0.1	0.01	0.02	0.01	1.9	NW
3/21/2024 11:41:00	3.0	3.3	0.3	0.01	0.02	0.00	1.9	W
3/21/2024 11:42:00	3.1	3.5	0.3	0.01	0.02	0.00	2.0	WNW
3/21/2024 11:43:00	3.3	3.6	0.3	0.01	0.02	0.00	2.0	ENE
3/21/2024 11:44:00	3.3	3.5	0.3	0.01	0.01	0.00	1.9	ENE
3/21/2024 11:45:00	3.3	3.2	-0.1	0.01	0.01	0.00	1.9	NNW
3/21/2024 11:46:00	3.4	3.2	-0.3	0.01	0.01	0.00	1.8	E
3/21/2024 11:47:00	3.5	3.2	-0.4	0.01	0.01	0.00	1.8	ESE
3/21/2024 11:48:00	3.5	3.2	-0.4	0.01	0.01	0.00	1.7	N
3/21/2024 11:49:00	3.4	3.1	-0.3	0.01	0.01	0.00	1.7	NE
3/21/2024 11:50:00	3.1	3.0	-0.1	0.01	0.01	0.00	1.7	ENE
3/21/2024 11:51:00	3.1	2.8	-0.3	0.01	0.01	0.00	1.7	N
3/21/2024 11:52:00	3.1	2.8	-0.3	0.00	0.00	0.00	1.7	ENE
3/21/2024 11:53:00	3.2	2.8	-0.4	0.00	0.00	0.00	1.6	E
3/21/2024 11:54:00	3.2	2.7	-0.5	0.00	0.00	0.00	1.6	ESE
3/21/2024 11:55:00	3.3	2.6	-0.6	0.00	0.00	0.00	1.6	N
3/21/2024 11:56:00	3.3	2.5	-0.7	0.00	0.00	0.00	1.5	NE
3/21/2024 11:57:00	3.2	2.5	-0.7	0.00	0.00	0.00	1.4	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
3/21/2024 11:58:00	3.1	2.4	-0.6	0.00	0.00	0.00	1.5	ENE
3/21/2024 11:59:00	3.0	2.5	-0.5	0.00	0.00	0.00	1.5	ENE
3/21/2024 12:00:00	2.9	2.5	-0.4	0.00	0.00	0.00	1.6	ENE
3/21/2024 12:01:00	2.7	2.5	-0.2	0.00	0.00	0.00	1.6	ENE
3/21/2024 12:02:00	2.6	2.5	-0.1	0.00	0.00	0.00	1.6	NE
3/21/2024 12:03:00	2.5	2.5	0.0	0.00	0.00	0.00	1.7	ENE
3/21/2024 12:04:00	2.4	2.5	0.1	0.00	0.00	0.00	1.6	E
3/21/2024 12:05:00	2.4	2.5	0.2	0.00	0.00	0.00	1.6	ENE
3/21/2024 12:06:00	2.3	2.6	0.3	0.00	0.00	0.00	1.6	ENE
3/21/2024 12:07:00	2.3	2.6	0.3	0.00	0.00	0.00	1.6	N
3/21/2024 12:08:00	2.4	2.7	0.3	0.00	0.00	0.00	1.6	NE
3/21/2024 12:09:00	2.4	2.6	0.3	0.00	0.00	0.00	1.6	E
3/21/2024 12:10:00	2.3	2.6	0.3	0.00	0.00	0.00	1.7	ENE
3/21/2024 12:11:00	2.3	2.6	0.3	0.00	0.00	0.00	1.8	E
3/21/2024 12:12:00	2.4	2.6	0.2	0.00	0.00	0.00	1.8	E
3/21/2024 12:13:00	2.4	2.5	0.1	0.00	0.00	0.00	1.7	ESE
3/21/2024 12:14:00	2.5	2.5	0.0	0.00	0.00	0.00	1.7	E
3/21/2024 12:15:00	2.5	2.5	0.0	0.00	0.00	0.00	1.8	E
3/21/2024 12:16:00	2.5	2.6	0.0	0.00	0.00	0.00	1.8	E
3/21/2024 12:17:00	2.6	2.6	0.0	0.00	0.00	0.00	1.8	W
3/21/2024 12:18:00	2.6	2.6	0.0	0.00	0.00	0.00	1.9	E
3/21/2024 12:19:00	2.7	2.6	-0.2	0.00	0.00	0.00	1.9	WNW
3/21/2024 12:20:00	2.7	2.6	-0.1	0.00	0.00	0.00	1.9	NNE
3/21/2024 12:21:00	2.7	2.7	0.0	0.00	0.00	0.00	1.9	NE
3/21/2024 12:22:00	2.6	2.7	0.1	0.00	0.00	0.00	1.9	N
3/21/2024 12:23:00	2.5	2.8	0.3	0.00	0.00	0.00	1.9	SSE
3/21/2024 12:24:00	2.6	2.7	0.2	0.00	0.00	0.00	1.9	ENE
3/21/2024 12:25:00	2.7	2.8	0.1	0.00	0.00	0.00	1.9	ENE
3/21/2024 12:26:00	3.0	3.0	0.0	0.00	0.00	0.00	1.9	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
3/21/2024 12:27:00	3.2	3.1	0.0	0.00	0.00	0.00	1.9	ENE
3/21/2024 12:28:00	3.3	3.2	-0.1	0.00	0.00	0.00	1.8	ESE
3/21/2024 12:29:00	3.4	3.3	-0.1	0.00	0.00	0.00	1.9	E
3/21/2024 12:30:00	3.5	3.3	-0.2	0.00	0.00	0.00	2.0	ENE
3/21/2024 12:31:00	3.6	3.4	-0.2	0.00	0.00	0.00	1.9	S
3/21/2024 12:32:00	3.6	3.5	-0.2	0.00	0.00	0.00	1.9	ENE
3/21/2024 12:33:00	3.7	3.5	-0.2	0.00	0.00	0.00	1.9	WNW
3/21/2024 12:34:00	3.7	3.6	-0.1	0.00	0.00	0.00	1.9	N
3/21/2024 12:35:00	3.8	3.6	-0.2	0.00	0.00	0.00	1.9	NW
3/21/2024 12:36:00	3.9	3.5	-0.4	0.00	0.00	0.00	1.9	WNW
3/21/2024 12:37:00	3.9	3.5	-0.4	0.00	0.00	0.00	1.8	WNW
3/21/2024 12:38:00	4.1	3.5	-0.6	0.00	0.00	0.00	1.9	N
3/21/2024 12:39:00	4.1	3.6	-0.5	0.00	0.00	0.00	2.0	E
3/21/2024 12:40:00	3.9	3.5	-0.4	0.00	0.00	0.00	2.0	NNE
3/21/2024 12:41:00	3.8	3.4	-0.4	0.00	0.00	0.00	2.0	W
3/21/2024 12:42:00	3.7	3.4	-0.3	0.00	0.00	0.00	1.9	NE
3/21/2024 12:43:00	3.6	3.4	-0.2	0.00	0.00	0.00	2.0	NE
3/21/2024 12:44:00	3.6	3.4	-0.2	0.00	0.00	0.00	1.9	E
3/21/2024 12:45:00	3.5	3.5	0.0	0.00	0.00	0.00	1.8	NW
3/21/2024 12:46:00	3.6	3.4	-0.1	0.00	0.00	0.00	1.8	NE
3/21/2024 12:47:00	3.5	3.4	-0.2	0.00	0.00	0.00	1.8	E
3/21/2024 12:48:00	3.5	3.3	-0.3	0.00	0.00	0.00	1.7	E
3/21/2024 12:49:00	3.6	3.3	-0.3	0.00	0.00	0.00	1.7	E
3/21/2024 12:50:00	3.8	3.3	-0.5	0.00	0.00	0.00	1.8	E
3/21/2024 12:51:00	4.3	3.5	-0.8	0.00	0.00	0.00	1.8	E
3/21/2024 12:52:00	4.5	3.6	-0.9	0.00	0.00	0.00	1.8	E
3/21/2024 12:53:00	4.5	3.6	-0.9	0.00	0.00	0.00	1.7	N
3/21/2024 12:54:00	4.6	3.7	-0.9	0.00	0.00	0.00	1.7	WNW
3/21/2024 12:55:00	4.7	3.8	-0.9	0.00	0.00	0.00	1.7	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
3/21/2024 12:56:00	4.7	4.0	-0.8	0.00	0.00	0.00	1.7	W
3/21/2024 12:57:00	4.7	4.0	-0.7	0.00	0.00	0.00	1.7	NNE
3/21/2024 12:58:00	4.8	4.0	-0.8	0.00	0.00	0.00	1.7	ENE
3/21/2024 12:59:00	4.8	4.0	-0.9	0.00	0.00	0.00	1.6	ENE
3/21/2024 13:00:00	5.0	3.9	-1.1	0.00	0.00	0.00	1.7	NE
3/21/2024 13:01:00	4.9	4.0	-1.0	0.00	0.00	0.00	1.7	W
3/21/2024 13:02:00	5.0	4.1	-0.9	0.00	0.01	0.01	1.8	NNE
3/21/2024 13:03:00	5.2	4.3	-0.9	0.00	0.02	0.02	1.8	NE
3/21/2024 13:04:00	5.4	4.4	-1.0	0.00	0.03	0.03	1.8	NE
3/21/2024 13:05:00	5.5	4.4	-1.1	0.00	0.03	0.03	1.8	NNE
3/21/2024 13:06:00	5.2	4.3	-0.8	0.00	0.03	0.03	1.7	SE
3/21/2024 13:07:00	5.3	4.3	-0.9	0.00	0.03	0.03	1.7	ENE
3/21/2024 13:08:00	5.3	4.6	-0.6	0.01	0.03	0.03	1.7	WNW
3/21/2024 13:09:00	5.3	4.7	-0.6	0.01	0.03	0.02	1.8	WNW
3/21/2024 13:10:00	5.2	4.7	-0.6	0.01	0.03	0.02	1.7	W
3/21/2024 13:11:00	5.1	4.6	-0.5	0.01	0.03	0.02	1.7	W
3/21/2024 13:12:00	5.1	4.5	-0.7	0.01	0.03	0.02	1.7	NE
3/21/2024 13:13:00	5.1	4.4	-0.7	0.01	0.03	0.02	1.7	SE
3/21/2024 13:14:00	5.0	4.3	-0.7	0.01	0.03	0.02	1.8	NNE
3/21/2024 13:15:00	5.0	4.3	-0.8	0.01	0.03	0.02	1.8	NNE
3/21/2024 13:16:00	5.1	4.1	-0.9	0.01	0.03	0.02	1.8	E
3/21/2024 13:17:00	5.0	3.9	-1.1	0.01	0.02	0.01	1.8	E
3/21/2024 13:18:00	4.9	3.7	-1.2	0.01	0.01	0.00	1.7	E
3/21/2024 13:19:00	4.6	3.5	-1.1	0.01	0.01	-0.01	1.7	NNE
3/21/2024 13:20:00	4.6	3.4	-1.1	0.01	0.00	-0.01	1.7	E
3/21/2024 13:21:00	5.2	3.3	-1.8	0.01	0.00	-0.01	1.7	ENE
3/21/2024 13:22:00	6.9	3.3	-3.6	0.01	0.00	-0.01	1.7	NE
3/21/2024 13:23:00	7.2	3.0	-4.2	0.01	0.00	-0.01	1.7	N
3/21/2024 13:24:00	7.2	2.9	-4.3	0.00	0.00	0.00	1.7	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
3/21/2024 13:25:00	7.3	2.7	-4.6	0.00	0.00	0.00	1.7	E
3/21/2024 13:26:00	7.4	2.6	-4.8	0.00	0.00	0.00	1.7	NE
3/21/2024 13:27:00	7.4	2.5	-4.9	0.00	0.00	0.00	1.8	ENE
3/21/2024 13:28:00	7.3	2.6	-4.7	0.00	0.00	0.00	1.8	WNW
3/21/2024 13:29:00	7.2	2.9	-4.3	0.00	0.00	0.00	1.7	W
3/21/2024 13:30:00	7.2	3.1	-4.1	0.00	0.00	0.00	1.7	W
3/21/2024 13:31:00	7.3	3.3	-4.0	0.00	0.00	0.00	1.6	WNW
3/21/2024 13:32:00	7.3	3.4	-4.0	0.00	0.00	0.00	1.5	NW
3/21/2024 13:33:00	7.5	3.4	-4.0	0.00	0.00	0.00	1.5	NNW
3/21/2024 13:34:00	7.5	3.8	-3.7	0.01	0.00	0.00	1.5	WNW
3/21/2024 13:35:00	7.4	3.8	-3.6	0.01	0.00	0.00	1.5	NE
3/21/2024 13:36:00	6.8	3.8	-3.0	0.01	0.00	0.00	1.6	NNE
3/21/2024 13:37:00	5.1	3.7	-1.4	0.01	0.01	0.00	1.6	E
3/21/2024 13:38:00	5.1	3.7	-1.4	0.01	0.01	0.00	1.6	ENE
3/21/2024 13:39:00	5.2	3.7	-1.5	0.01	0.01	0.00	1.6	NE
3/21/2024 13:40:00	5.5	3.8	-1.7	0.01	0.01	0.01	1.6	ENE
3/21/2024 13:41:00	5.4	4.6	-0.8	0.01	0.01	0.00	1.6	WNW
3/21/2024 13:42:00	5.5	5.1	-0.4	0.01	0.01	0.00	1.6	NW
3/21/2024 13:43:00	5.8	5.3	-0.5	0.01	0.01	0.00	1.7	W
3/21/2024 13:44:00	6.1	5.3	-0.8	0.01	0.01	0.00	1.7	W
3/21/2024 13:45:00	6.3	5.4	-0.9	0.01	0.01	0.00	1.6	NW
3/21/2024 13:46:00	6.5	5.6	-0.9	0.01	0.01	0.00	1.6	ENE
3/21/2024 13:47:00	6.7	5.6	-1.0	0.01	0.01	0.01	1.7	E
3/21/2024 13:48:00	6.7	5.7	-1.0	0.01	0.01	0.01	1.7	NE
3/21/2024 13:49:00	6.8	5.5	-1.4	0.00	0.01	0.01	1.7	ENE
3/21/2024 13:50:00	6.9	5.5	-1.4	0.00	0.01	0.01	1.8	E
3/21/2024 13:51:00	6.9	5.5	-1.3	0.00	0.01	0.01	1.8	E
3/21/2024 13:52:00	7.6	5.5	-2.1	0.00	0.01	0.01	1.8	ENE
3/21/2024 13:53:00	8.1	5.5	-2.6	0.00	0.01	0.01	1.8	N

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
3/21/2024 13:54:00	8.1	5.5	-2.6	0.00	0.01	0.01	1.8	E
3/21/2024 13:55:00	7.7	5.5	-2.2	0.01	0.01	0.01	1.7	WNW
3/21/2024 13:56:00	7.8	4.9	-2.9	0.00	0.01	0.01	1.7	E
3/21/2024 13:57:00	7.8	4.6	-3.2	0.00	0.01	0.01	1.7	ENE
3/21/2024 13:58:00	7.6	4.4	-3.2	0.00	0.01	0.01	1.5	NE
3/21/2024 13:59:00	7.4	4.1	-3.2	0.00	0.01	0.01	1.6	E
3/21/2024 14:00:00	7.1	3.8	-3.3	0.00	0.01	0.01	1.7	NW
3/21/2024 14:01:00	6.8	3.5	-3.3	0.00	0.01	0.01	1.7	ESE
3/21/2024 14:02:00	6.6	3.5	-3.1	0.00	0.01	0.01	1.7	E
3/21/2024 14:03:00	6.4	3.7	-2.7	0.00	0.01	0.01	1.8	E
3/21/2024 14:04:00	6.3	3.7	-2.6	0.00	0.01	0.01	1.8	ESE
3/21/2024 14:05:00	6.3	3.9	-2.4	0.00	0.01	0.01	1.8	E
3/21/2024 14:06:00	6.2	3.9	-2.3	0.00	0.01	0.00	1.8	E
3/21/2024 14:07:00	5.1	3.9	-1.2	0.00	0.00	0.00	1.8	E
3/21/2024 14:08:00	4.3	4.0	-0.3	0.00	0.00	0.00	1.8	ENE
3/21/2024 14:09:00	4.3	4.2	-0.1	0.00	0.00	0.00	1.8	W
3/21/2024 14:10:00	4.4	4.3	-0.1	0.00	0.00	0.00	1.9	W
3/21/2024 14:11:00	4.4	4.3	-0.1	0.00	0.00	0.00	1.9	W
3/21/2024 14:12:00	4.4	4.4	-0.1	0.00	0.00	0.00	1.9	NW
3/21/2024 14:13:00	4.5	4.4	0.0	0.00	0.00	0.00	1.9	E
3/21/2024 14:14:00	4.5	4.5	0.1	0.01	0.00	-0.01	1.9	W
3/21/2024 14:15:00	4.5	4.6	0.2	0.01	0.01	0.00	2.0	ENE
3/21/2024 14:16:00	4.4	4.7	0.3	0.01	0.02	0.01	1.9	NE
3/21/2024 14:17:00	4.4	4.8	0.4	0.01	0.03	0.02	1.9	E
3/21/2024 14:18:00	4.5	4.7	0.2	0.01	0.03	0.02	1.9	NE
3/21/2024 14:19:00	4.5	4.7	0.1	0.01	0.03	0.02	1.9	E
3/21/2024 14:20:00	4.6	4.6	0.0	0.01	0.03	0.02	1.8	NE
3/21/2024 14:21:00	4.8	4.7	-0.1	0.01	0.03	0.02	1.8	NE
3/21/2024 14:22:00	4.9	4.8	-0.1	0.01	0.03	0.02	1.8	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
3/21/2024 14:23:00	5.0	4.9	-0.1	0.01	0.03	0.02	1.8	N
3/21/2024 14:24:00	5.2	4.9	-0.3	0.01	0.03	0.02	1.8	NNE
3/21/2024 14:25:00	5.2	4.8	-0.4	0.01	0.03	0.02	1.7	ENE
3/21/2024 14:26:00	5.3	4.8	-0.5	0.01	0.03	0.02	1.7	E
3/21/2024 14:27:00	5.5	4.9	-0.6	0.01	0.03	0.02	1.8	ENE
3/21/2024 14:28:00	5.8	4.9	-0.9	0.01	0.02	0.02	1.8	ENE
3/21/2024 14:29:00	6.7	5.0	-1.7	0.00	0.02	0.02	1.8	ENE
3/21/2024 14:30:00	7.1	4.8	-2.2	0.00	0.02	0.02	1.8	ENE
3/21/2024 14:31:00	7.5	4.7	-2.8	0.00	0.01	0.01	1.8	ENE
3/21/2024 14:32:00	8.1	4.6	-3.5	0.00	0.00	0.00	1.9	ENE
3/21/2024 14:33:00	8.4	4.4	-4.0	0.00	0.00	0.00	1.9	E
3/21/2024 14:34:00	8.6	4.2	-4.3	0.00	0.00	0.00	1.9	NNW
3/21/2024 14:35:00	8.8	4.1	-4.7	0.00	0.00	0.00	1.9	ENE
3/21/2024 14:36:00	8.9	4.0	-4.9	0.00	0.00	0.00	2.0	NE
3/21/2024 14:37:00	8.7	4.2	-4.5	0.00	0.00	0.00	2.1	W
3/21/2024 14:38:00	8.4	4.3	-4.1	0.00	0.00	0.00	2.1	W
3/21/2024 14:39:00	8.2	4.5	-3.7	0.00	0.00	0.00	2.1	WNW
3/21/2024 14:40:00	8.0	4.6	-3.4	0.00	0.00	0.00	2.2	W
3/21/2024 14:41:00	7.8	4.8	-3.0	0.01	0.00	-0.01	2.1	W
3/21/2024 14:42:00	7.8	4.6	-3.2	0.01	0.00	0.00	2.1	NE
3/21/2024 14:43:00	7.8	4.5	-3.3	0.01	0.00	0.00	2.0	NNW
3/21/2024 14:44:00	6.9	4.6	-2.3	0.01	0.00	0.00	1.9	WNW
3/21/2024 14:45:00	6.6	4.6	-2.0	0.01	0.00	0.00	2.0	E
3/21/2024 14:46:00	6.3	4.6	-1.8	0.01	0.00	0.00	1.9	SE
3/21/2024 14:47:00	5.9	4.6	-1.4	0.01	0.00	0.00	1.8	ENE
3/21/2024 14:48:00	5.7	4.6	-1.1	0.01	0.00	0.00	1.8	NE
3/21/2024 14:49:00	5.5	4.6	-0.9	0.01	0.00	0.00	1.7	E
3/21/2024 14:50:00	5.0	4.9	-0.1	0.01	0.00	0.00	1.7	W