

DAILY FIELD REPORT 173

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	January 23, 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)

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

Foundation Contractor: Urban Foundation/Engineering (Urban)

Langan Field Personnel:
 Caitlyn Dempsey (Environmental)
 Xianglei Zheng (Geotechnical)

Work Activities Performed:

- Urban graded an about 10-foot-long by 10-foot-wide area in the central part of grid WC04 to mobilize equipment.
- Graded soil/fill consisted of non-native soil; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a petroleum or chemical release were not observed.
- Urban continued installing one caisson casing in the southern part of grid WC04.
- Urban grouted and installed reinforcement for three caissons in the central part of grid WC04.

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	252	5,040	0	-	15	300

Materials Export Summary		
Facility Name	<i>Dale Transfer Corp.</i>	
Location	<i>West Babylon, NY</i>	
Type of Waste	<i>Concrete</i>	
Today	Number of Loads	Approx. Volume (CY)
	0	-
Total	Number of Loads	Approx. Volume (CY)
	2	40

Materials Import Summary						
Facility Name	<i>Greenpoint Quarry / North Shore Terminal</i>		<i>Stavola Bound Brook / North Shore Terminal</i>		<i>North American Aggregate Mining Operations</i>	
Location	<i>Staten Island, NY</i>		<i>Staten Island, NY</i>		<i>Perth Amboy, NJ</i>	
Type of Material	<i>ASTM #57 0.75-inch Stone</i>		<i>ASTM #2 2.5-inch Stone</i>		<i>Pipe Sand Backfill</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	0	-	0	0	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	6	120	3	60	0	-
Approved Quantity	-	500	-	200	-	300

Samples Collected:

- No samples were collected.

Air Monitoring:

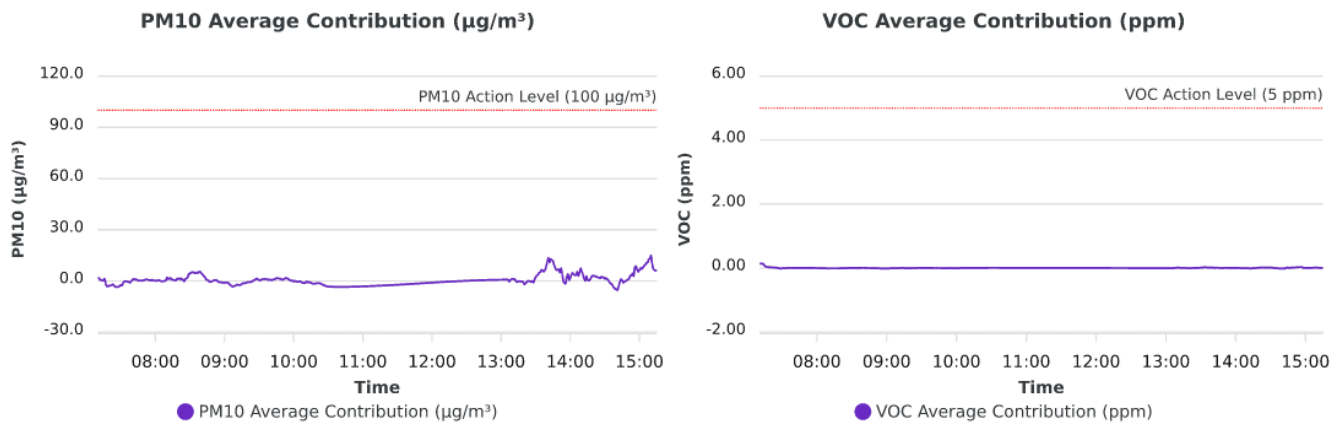
The 15-minute average site contributions for particulates and volatile organic compounds (VOCs) are calculated by subtracting the upwind readings from the downwind readings. A true action level exceedance is realized when this net result exceeds 100 µg/m³ for particulates and 5 ppm for organic vapors. 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.

The Community Air Monitoring Program (CAMP) was not implemented from 10:36 to 13:06 due to sustained precipitation.

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	8.1	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-5.4	VOC Average Site Contribution (Minimum)	-0.02
PM10 Average Site Contribution (Maximum)	15.0	VOC Average Site Contribution (Maximum)	0.14

µg/m³: micrograms per cubic meter.

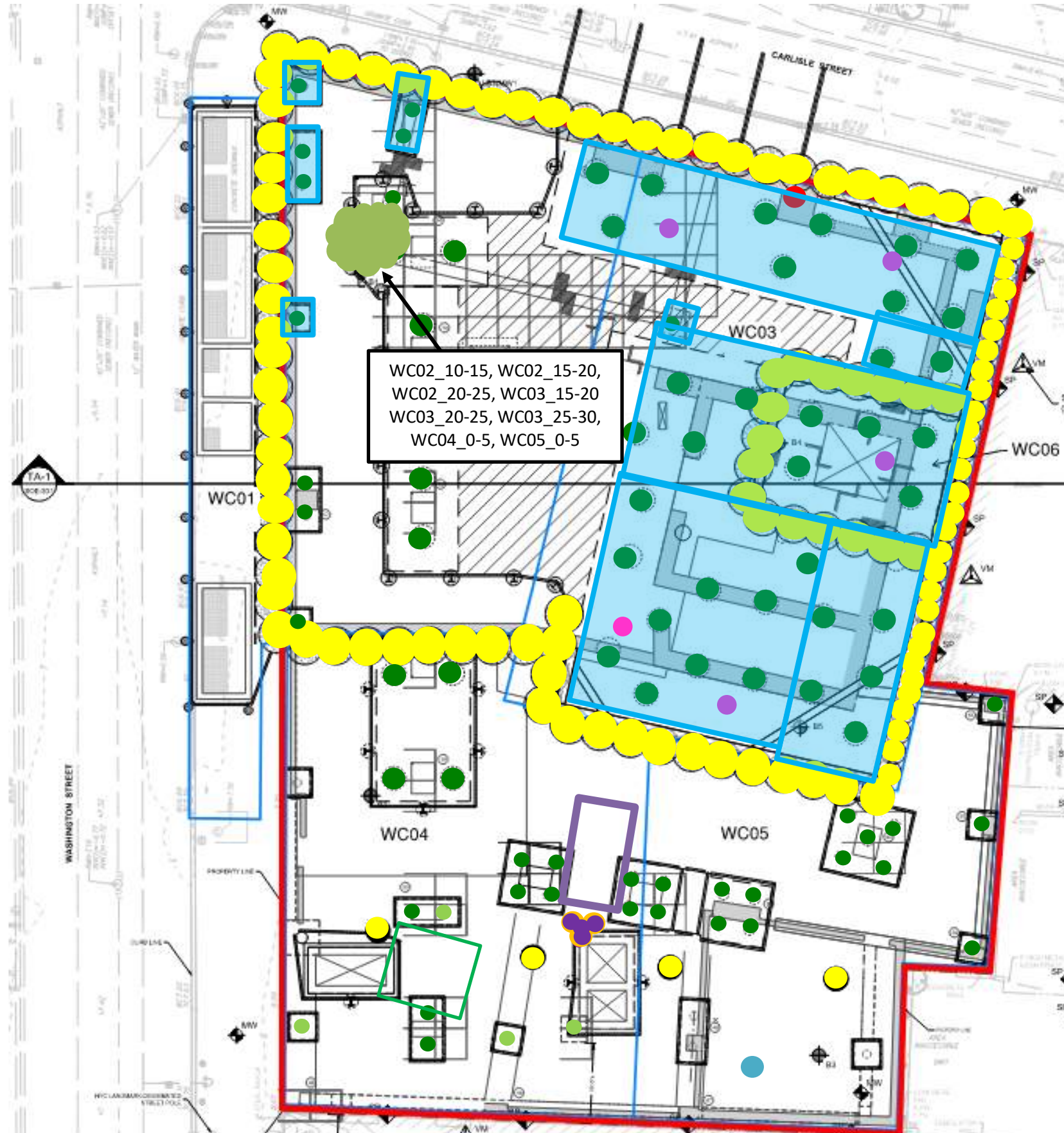
ppm: parts per million.



Planned Activities:

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

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**

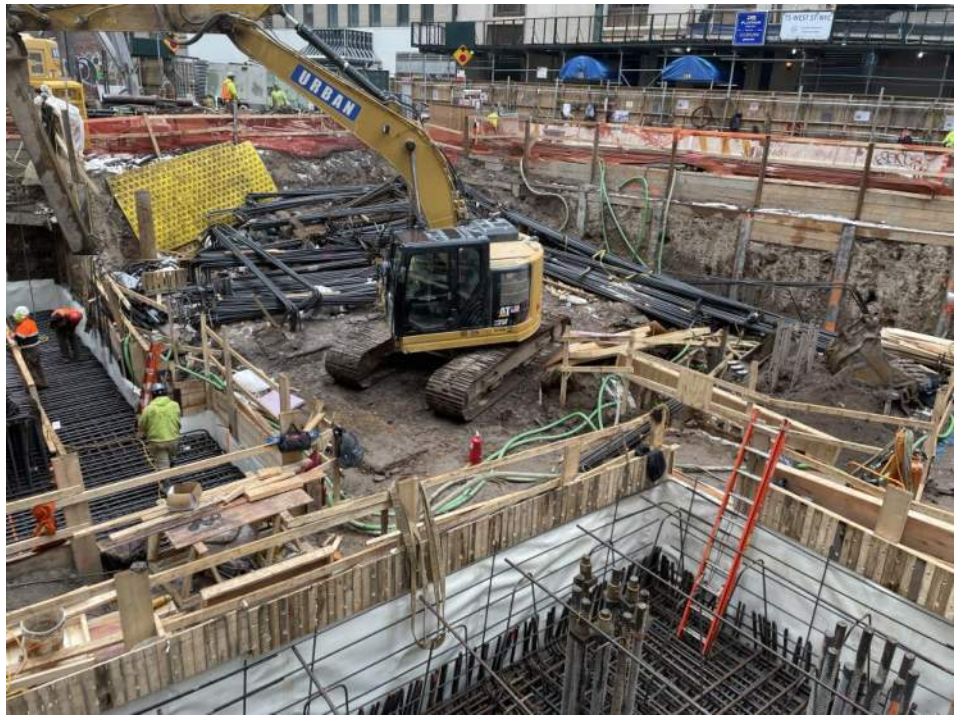
Note: Waste characterization grid areas were developed by PT Consultants and Urban and is shown on this site plan for reference only.

Photo Log

Photo 1: Urban excavating soil/fill in the central part of grid WC04 (facing southeast).



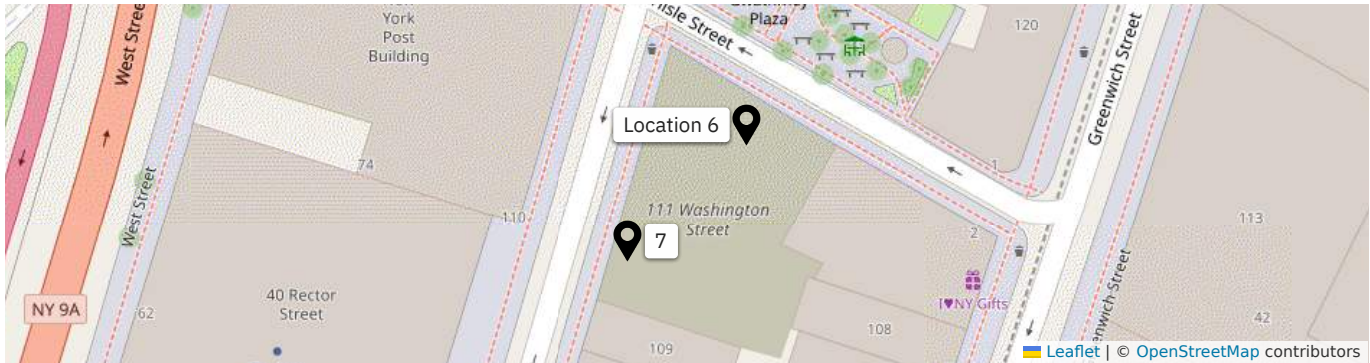
Photo 2: General view of the site (facing southwest).



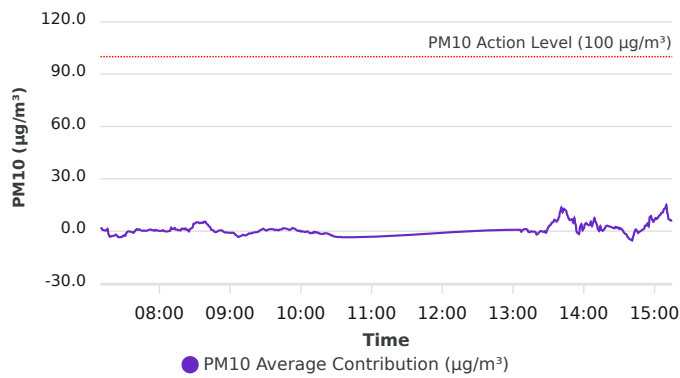
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	1/23/2024 00:00
		To:	1/23/2024 23:59
		PM10 Action Level:	100.0 µg/m³
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
1/23/2024	0.2-1.5	ESE

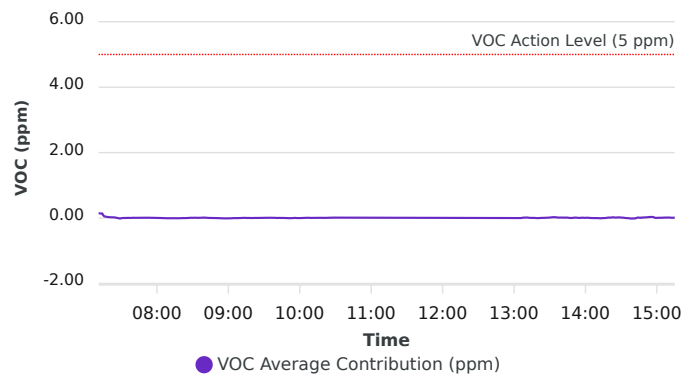
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/23/2024	-5.4	14:41	-0.02	07:29
Max Contribution (15 min avg.) - 1/23/2024	15.0	15:10	0.14	07:12



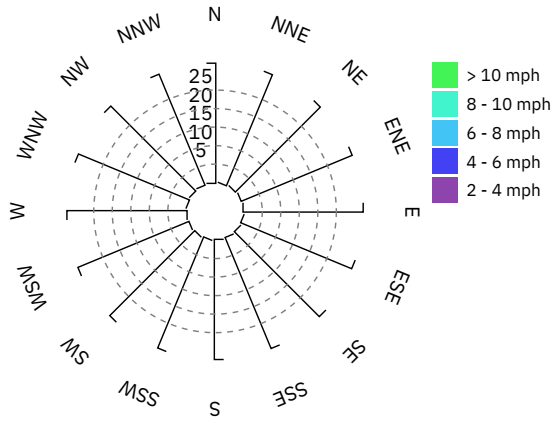
PM10 Average Contribution (µg/m³)



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
1/23/2024 07:10:00	8.1	9.8	1.8				0.9	NW
1/23/2024 07:11:00	8.1	9.8	1.6	0.00	0.14	0.14	0.8	SSW
1/23/2024 07:12:00	8.8	9.4	0.7	0.01	0.15	0.14	0.7	SSE
1/23/2024 07:13:00	8.6	9.2	0.6	0.01	0.14	0.14	0.7	W
1/23/2024 07:14:00	8.8	9.1	0.3	0.01	0.15	0.14	0.7	WSW
1/23/2024 07:15:00	8.7	9.1	0.4	0.04	0.12	0.08	0.8	E
1/23/2024 07:16:00	8.6	9.9	1.4	0.05	0.10	0.05	0.7	SE
1/23/2024 07:17:00	11.8	9.7	-2.0	0.05	0.09	0.04	0.7	SSE
1/23/2024 07:18:00	12.7	9.5	-3.2	0.04	0.08	0.04	0.7	WSW
1/23/2024 07:19:00	12.3	9.4	-3.0	0.04	0.07	0.03	0.7	W
1/23/2024 07:20:00	12.0	9.2	-2.8	0.04	0.07	0.03	0.7	SSE
1/23/2024 07:21:00	11.7	9.0	-2.7	0.04	0.06	0.03	0.7	ESE
1/23/2024 07:22:00	11.4	8.9	-2.5	0.03	0.06	0.02	0.7	ESE
1/23/2024 07:23:00	11.1	9.1	-2.0	0.03	0.05	0.02	0.7	ESE
1/23/2024 07:24:00	11.6	9.0	-2.5	0.03	0.05	0.02	0.7	NW
1/23/2024 07:25:00	12.3	8.8	-3.4	0.03	0.04	0.02	0.7	W
1/23/2024 07:26:00	12.2	8.8	-3.5	0.03	0.04	0.01	0.7	ESE
1/23/2024 07:27:00	12.1	8.7	-3.4	0.03	0.03	0.00	0.7	ESE
1/23/2024 07:28:00	12.0	8.6	-3.5	0.03	0.02	-0.01	0.8	ESE
1/23/2024 07:29:00	11.9	9.1	-2.9	0.03	0.01	-0.02	0.7	ESE
1/23/2024 07:30:00	11.8	9.5	-2.3	0.01	0.01	0.00	0.8	ESE
1/23/2024 07:31:00	11.7	9.1	-2.7	0.01	0.01	0.00	0.7	WNW
1/23/2024 07:32:00	10.0	8.9	-1.1	0.01	0.01	0.00	0.7	ENE
1/23/2024 07:33:00	9.1	8.8	-0.3	0.01	0.01	0.00	0.7	ESE
1/23/2024 07:34:00	8.9	8.8	-0.1	0.01	0.01	0.00	0.7	WSW
1/23/2024 07:35:00	8.8	8.5	-0.3	0.00	0.01	0.01	0.7	ESE
1/23/2024 07:36:00	8.7	8.4	-0.4	0.00	0.01	0.01	0.7	ESE
1/23/2024 07:37:00	8.7	8.1	-0.6	0.00	0.01	0.01	0.7	N
1/23/2024 07:38:00	8.8	7.9	-0.9	0.00	0.01	0.00	0.7	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
1/23/2024 07:39:00	8.1	7.9	-0.2	0.00	0.01	0.01	0.7	ESE
1/23/2024 07:40:00	7.3	8.0	0.6	0.00	0.01	0.01	0.7	E
1/23/2024 07:41:00	7.3	8.5	1.2	0.00	0.01	0.01	0.7	E
1/23/2024 07:42:00	7.7	8.5	0.8	0.00	0.01	0.01	0.7	W
1/23/2024 07:43:00	7.7	8.7	1.0	0.00	0.01	0.01	0.6	ESE
1/23/2024 07:44:00	7.7	8.3	0.6	0.00	0.01	0.01	0.6	E
1/23/2024 07:45:00	7.7	8.0	0.3	0.00	0.01	0.01	0.6	NNW
1/23/2024 07:46:00	7.8	8.0	0.2	0.00	0.01	0.01	0.6	WSW
1/23/2024 07:47:00	7.8	8.1	0.4	0.00	0.01	0.01	0.6	ESE
1/23/2024 07:48:00	7.8	7.9	0.2	0.00	0.01	0.01	0.6	ESE
1/23/2024 07:49:00	7.8	8.1	0.2	0.00	0.01	0.01	0.6	ESE
1/23/2024 07:50:00	7.8	8.3	0.4	0.00	0.01	0.01	0.6	E
1/23/2024 07:51:00	7.9	8.5	0.7	0.00	0.01	0.01	0.6	ESE
1/23/2024 07:52:00	7.8	8.7	0.9	0.00	0.01	0.01	0.6	SSW
1/23/2024 07:53:00	7.8	8.7	0.9	0.00	0.01	0.01	0.6	ESE
1/23/2024 07:54:00	8.0	8.5	0.5	0.00	0.01	0.01	0.6	SE
1/23/2024 07:55:00	8.0	8.5	0.6	0.01	0.01	0.01	0.6	W
1/23/2024 07:56:00	8.0	8.2	0.2	0.01	0.01	0.01	0.6	E
1/23/2024 07:57:00	7.5	8.2	0.8	0.01	0.01	0.01	0.6	SSW
1/23/2024 07:58:00	7.5	7.8	0.4	0.01	0.01	0.01	0.6	E
1/23/2024 07:59:00	7.3	7.7	0.4	0.01	0.01	0.00	0.6	SSW
1/23/2024 08:00:00	7.4	7.4	0.1	0.01	0.01	0.00	0.6	N
1/23/2024 08:01:00	7.4	7.5	0.1	0.01	0.01	0.00	0.6	NW
1/23/2024 08:02:00	7.3	7.5	0.3	0.01	0.01	0.00	0.6	WNW
1/23/2024 08:03:00	7.3	7.9	0.6	0.01	0.01	0.00	0.6	ESE
1/23/2024 08:04:00	7.8	7.8	0.0	0.01	0.01	0.00	0.6	W
1/23/2024 08:05:00	8.1	8.0	-0.1	0.01	0.01	0.00	0.6	WNW
1/23/2024 08:06:00	8.3	8.1	-0.2	0.01	0.01	0.00	0.6	SW
1/23/2024 08:07:00	8.3	8.2	-0.1	0.01	0.01	0.00	0.6	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
1/23/2024 08:08:00	8.2	8.2	0.0	0.01	0.01	-0.01	0.6	S
1/23/2024 08:09:00	8.2	8.4	0.2	0.01	0.00	-0.01	0.6	WSW
1/23/2024 08:10:00	8.2	10.3	2.0	0.01	0.00	-0.01	0.6	E
1/23/2024 08:11:00	8.8	9.9	1.1	0.01	0.00	-0.01	0.6	NW
1/23/2024 08:12:00	8.9	10.3	1.3	0.01	0.00	-0.01	0.6	ESE
1/23/2024 08:13:00	9.0	10.8	1.8	0.01	0.00	-0.01	0.6	ESE
1/23/2024 08:14:00	9.9	10.8	0.8	0.01	0.00	-0.01	0.6	WNW
1/23/2024 08:15:00	10.0	10.8	0.9	0.01	0.00	-0.01	0.6	ESE
1/23/2024 08:16:00	10.3	10.8	0.5	0.01	0.00	-0.01	0.6	W
1/23/2024 08:17:00	10.3	10.8	0.6	0.01	0.00	-0.01	0.6	W
1/23/2024 08:18:00	10.3	10.7	0.4	0.01	0.00	-0.01	0.6	WNW
1/23/2024 08:19:00	9.9	11.4	1.5	0.01	0.00	-0.01	0.6	NE
1/23/2024 08:20:00	9.7	11.1	1.4	0.01	0.01	0.00	0.6	SE
1/23/2024 08:21:00	9.8	10.9	1.1	0.01	0.01	0.00	0.6	WSW
1/23/2024 08:22:00	9.9	11.5	1.6	0.01	0.01	0.00	0.6	E
1/23/2024 08:23:00	10.8	11.6	0.7	0.01	0.01	0.00	0.7	WNW
1/23/2024 08:24:00	10.8	11.6	0.9	0.01	0.01	0.00	0.7	WNW
1/23/2024 08:25:00	10.8	10.6	-0.2	0.01	0.01	0.00	0.7	NNE
1/23/2024 08:26:00	10.2	11.3	1.1	0.01	0.01	0.00	0.7	ESE
1/23/2024 08:27:00	10.2	11.8	1.6	0.01	0.01	0.01	0.7	E
1/23/2024 08:28:00	10.2	12.2	2.0	0.01	0.01	0.01	0.7	ESE
1/23/2024 08:29:00	9.3	13.7	4.3	0.01	0.01	0.01	0.7	ESE
1/23/2024 08:30:00	9.3	13.6	4.3	0.01	0.01	0.01	0.7	WSW
1/23/2024 08:31:00	9.0	13.9	4.9	0.01	0.01	0.01	0.7	E
1/23/2024 08:32:00	9.2	14.3	5.1	0.01	0.02	0.01	0.7	E
1/23/2024 08:33:00	9.2	14.3	5.1	0.01	0.02	0.01	0.7	W
1/23/2024 08:34:00	9.0	13.6	4.5	0.01	0.01	0.01	0.7	WNW
1/23/2024 08:35:00	9.0	13.7	4.7	0.01	0.01	0.01	0.7	ESE
1/23/2024 08:36:00	8.6	13.6	5.0	0.01	0.02	0.01	0.7	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
1/23/2024 08:37:00	8.6	13.3	4.7	0.01	0.02	0.01	0.7	N
1/23/2024 08:38:00	7.8	13.2	5.4	0.01	0.02	0.01	0.7	ESE
1/23/2024 08:39:00	7.7	13.2	5.4	0.01	0.02	0.01	0.7	ESE
1/23/2024 08:40:00	7.7	12.0	4.3	0.01	0.02	0.01	0.7	E
1/23/2024 08:41:00	7.5	11.3	3.8	0.01	0.02	0.01	0.7	W
1/23/2024 08:42:00	7.6	10.4	2.9	0.01	0.01	0.01	0.6	ESE
1/23/2024 08:43:00	7.6	9.8	2.3	0.01	0.01	0.01	0.6	WSW
1/23/2024 08:44:00	7.6	8.4	0.8	0.01	0.01	0.00	0.6	WNW
1/23/2024 08:45:00	7.7	8.3	0.7	0.01	0.01	0.00	0.6	ESE
1/23/2024 08:46:00	7.7	8.0	0.3	0.01	0.01	0.00	0.6	SE
1/23/2024 08:47:00	8.2	7.6	-0.5	0.01	0.01	0.00	0.6	SSE
1/23/2024 08:48:00	8.1	7.6	-0.5	0.01	0.01	0.00	0.6	W
1/23/2024 08:49:00	8.1	7.8	-0.3	0.01	0.01	0.00	0.7	W
1/23/2024 08:50:00	8.1	8.3	0.2	0.01	0.01	0.00	0.7	W
1/23/2024 08:51:00	8.0	8.4	0.4	0.01	0.01	0.00	0.7	W
1/23/2024 08:52:00	8.0	8.4	0.4	0.01	0.01	0.00	0.7	NW
1/23/2024 08:53:00	8.1	8.6	0.4	0.01	0.01	0.00	0.7	ESE
1/23/2024 08:54:00	8.8	8.7	-0.1	0.01	0.01	-0.01	0.7	WSW
1/23/2024 08:55:00	9.6	9.0	-0.6	0.01	0.01	-0.01	0.7	SSE
1/23/2024 08:56:00	10.1	9.3	-0.8	0.02	0.01	-0.01	0.7	W
1/23/2024 08:57:00	10.3	9.6	-0.7	0.02	0.01	-0.01	0.7	W
1/23/2024 08:58:00	10.6	9.7	-0.9	0.02	0.01	-0.01	0.7	WSW
1/23/2024 08:59:00	10.7	9.7	-0.9	0.02	0.01	-0.01	0.7	WSW
1/23/2024 09:00:00	10.7	9.8	-0.9	0.02	0.01	-0.01	0.7	E
1/23/2024 09:01:00	10.7	9.7	-1.1	0.02	0.01	-0.01	0.7	SE
1/23/2024 09:02:00	10.4	9.5	-0.9	0.02	0.01	-0.01	0.7	E
1/23/2024 09:03:00	10.4	9.3	-1.1	0.01	0.01	-0.01	0.7	E
1/23/2024 09:04:00	10.6	8.9	-1.7	0.01	0.01	0.00	0.6	SE
1/23/2024 09:05:00	10.7	8.4	-2.4	0.01	0.01	0.00	0.6	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
1/23/2024 09:06:00	10.8	8.0	-2.8	0.01	0.01	0.00	0.6	ESE
1/23/2024 09:07:00	10.9	7.6	-3.4	0.01	0.01	0.00	0.6	ENE
1/23/2024 09:08:00	10.6	7.5	-3.0	0.01	0.01	0.00	0.7	WNW
1/23/2024 09:09:00	10.0	7.1	-2.8	0.01	0.01	0.00	0.6	NE
1/23/2024 09:10:00	9.3	6.9	-2.5	0.01	0.01	0.00	0.6	NNW
1/23/2024 09:11:00	8.9	6.8	-2.1	0.01	0.01	0.00	0.6	WNW
1/23/2024 09:12:00	8.8	6.4	-2.3	0.01	0.01	0.00	0.6	SE
1/23/2024 09:13:00	8.6	6.1	-2.5	0.00	0.01	0.01	0.6	E
1/23/2024 09:14:00	8.3	6.1	-2.2	0.00	0.01	0.01	0.6	SW
1/23/2024 09:15:00	8.1	6.3	-1.8	0.01	0.01	0.00	0.6	WSW
1/23/2024 09:16:00	7.8	6.5	-1.3	0.01	0.01	0.00	0.6	WSW
1/23/2024 09:17:00	7.8	6.5	-1.3	0.01	0.01	0.00	0.6	ESE
1/23/2024 09:18:00	7.8	6.5	-1.3	0.01	0.01	0.00	0.6	ESE
1/23/2024 09:19:00	7.6	6.7	-0.9	0.01	0.01	0.00	0.6	S
1/23/2024 09:20:00	7.6	6.8	-0.8	0.01	0.01	0.00	0.6	E
1/23/2024 09:21:00	7.6	6.9	-0.7	0.01	0.01	0.00	0.6	SE
1/23/2024 09:22:00	7.6	7.0	-0.6	0.01	0.01	0.00	0.6	ESE
1/23/2024 09:23:00	7.8	7.3	-0.6	0.01	0.01	0.01	0.6	E
1/23/2024 09:24:00	7.8	7.5	-0.3	0.01	0.01	0.00	0.6	SSE
1/23/2024 09:25:00	7.8	8.1	0.3	0.01	0.01	0.00	0.5	E
1/23/2024 09:26:00	8.0	8.5	0.6	0.01	0.01	0.01	0.5	N
1/23/2024 09:27:00	7.9	8.9	1.0	0.01	0.01	0.01	0.5	ENE
1/23/2024 09:28:00	7.8	9.2	1.4	0.01	0.01	0.00	0.5	ESE
1/23/2024 09:29:00	8.0	9.0	1.0	0.01	0.01	0.01	0.5	ESE
1/23/2024 09:30:00	8.3	8.8	0.6	0.00	0.01	0.01	0.5	ESE
1/23/2024 09:31:00	8.4	8.8	0.3	0.00	0.01	0.01	0.5	SSE
1/23/2024 09:32:00	8.4	9.3	0.8	0.00	0.01	0.01	0.5	ENE
1/23/2024 09:33:00	8.4	9.5	1.0	0.00	0.01	0.01	0.5	SE
1/23/2024 09:34:00	8.6	9.7	1.1	0.00	0.01	0.01	0.5	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
1/23/2024 09:35:00	8.6	9.8	1.1	0.00	0.01	0.01	0.5	SE
1/23/2024 09:36:00	8.7	9.8	1.1	0.00	0.01	0.01	0.6	ESE
1/23/2024 09:37:00	8.7	9.8	1.0	0.00	0.01	0.01	0.6	ESE
1/23/2024 09:38:00	8.8	9.3	0.5	0.00	0.01	0.01	0.6	NE
1/23/2024 09:39:00	8.6	9.4	0.8	0.00	0.01	0.01	0.6	W
1/23/2024 09:40:00	8.5	9.2	0.7	0.00	0.01	0.01	0.6	W
1/23/2024 09:41:00	8.4	8.8	0.4	0.01	0.01	0.00	0.7	NW
1/23/2024 09:42:00	8.5	9.4	0.9	0.01	0.01	0.00	0.7	ENE
1/23/2024 09:43:00	8.6	9.6	0.9	0.01	0.01	0.01	0.7	ESE
1/23/2024 09:44:00	8.7	9.8	1.1	0.01	0.01	0.00	0.7	W
1/23/2024 09:45:00	8.8	10.4	1.7	0.01	0.01	0.00	0.7	E
1/23/2024 09:46:00	8.9	10.5	1.6	0.01	0.01	0.00	0.7	SW
1/23/2024 09:47:00	8.9	10.3	1.5	0.01	0.01	0.00	0.7	W
1/23/2024 09:48:00	8.9	10.3	1.4	0.01	0.01	0.00	0.7	SE
1/23/2024 09:49:00	9.0	10.1	1.1	0.01	0.01	0.00	0.7	WSW
1/23/2024 09:50:00	9.5	10.3	0.8	0.01	0.01	0.00	0.7	SW
1/23/2024 09:51:00	9.9	10.8	0.8	0.01	0.01	0.00	0.7	SW
1/23/2024 09:52:00	10.2	11.5	1.3	0.01	0.01	0.00	0.6	E
1/23/2024 09:53:00	10.4	12.2	1.8	0.01	0.01	0.00	0.6	ENE
1/23/2024 09:54:00	10.9	12.4	1.6	0.01	0.01	0.00	0.6	E
1/23/2024 09:55:00	11.1	12.4	1.3	0.01	0.01	0.00	0.6	E
1/23/2024 09:56:00	11.3	12.1	0.8	0.01	0.01	0.01	0.6	ENE
1/23/2024 09:57:00	11.1	11.4	0.4	0.01	0.01	0.00	0.6	W
1/23/2024 09:58:00	11.1	11.2	0.1	0.01	0.01	0.00	0.6	S
1/23/2024 09:59:00	10.8	11.1	0.3	0.01	0.01	0.00	0.6	SSE
1/23/2024 10:00:00	10.8	10.6	-0.3	0.01	0.01	0.00	0.6	E
1/23/2024 10:01:00	10.8	10.8	0.0	0.01	0.01	0.00	0.6	E
1/23/2024 10:02:00	10.8	10.6	-0.3	0.01	0.01	0.00	0.6	ESE
1/23/2024 10:03:00	10.9	10.4	-0.4	0.01	0.01	0.00	0.6	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
1/23/2024 10:04:00	10.8	10.3	-0.5	0.01	0.01	0.01	0.6	NE
1/23/2024 10:05:00	10.3	10.1	-0.2	0.00	0.01	0.01	0.6	ESE
1/23/2024 10:06:00	9.9	9.6	-0.3	0.00	0.01	0.01	0.6	SE
1/23/2024 10:07:00	9.6	8.8	-0.8	0.00	0.01	0.01	0.7	SE
1/23/2024 10:08:00	9.4	8.1	-1.2	0.00	0.01	0.01	0.7	ESE
1/23/2024 10:09:00	8.9	7.9	-1.1	0.00	0.01	0.01	0.7	SE
1/23/2024 10:10:00	8.8	7.7	-1.1	0.00	0.01	0.01	0.7	E
1/23/2024 10:11:00	8.8	8.4	-0.4	0.00	0.01	0.01	0.7	ESE
1/23/2024 10:12:00	9.0	8.2	-0.8	0.00	0.01	0.01	0.7	ESE
1/23/2024 10:13:00	8.7	8.2	-0.5	0.00	0.01	0.01	0.7	S
1/23/2024 10:14:00	8.9	8.0	-0.9	0.00	0.01	0.01	0.7	ESE
1/23/2024 10:15:00	8.9	7.9	-1.0	0.00	0.01	0.01	0.7	ESE
1/23/2024 10:16:00	8.9	7.5	-1.5	0.00	0.01	0.01	0.7	NE
1/23/2024 10:17:00	9.0	7.5	-1.5	0.00	0.01	0.01	0.7	ESE
1/23/2024 10:18:00	9.0	7.5	-1.6	0.00	0.01	0.01	0.7	ESE
1/23/2024 10:19:00	9.1	7.4	-1.6	0.00	0.01	0.01	0.7	E
1/23/2024 10:20:00	8.8	7.6	-1.2	0.00	0.01	0.01	0.7	S
1/23/2024 10:21:00	8.9	7.6	-1.3	0.00	0.01	0.01	0.7	ENE
1/23/2024 10:22:00	8.9	7.6	-1.3	0.00	0.01	0.01	0.7	ENE
1/23/2024 10:23:00	8.9	7.5	-1.4	0.00	0.01	0.01	0.7	E
1/23/2024 10:24:00	9.1	7.3	-1.9	0.00	0.01	0.01	0.6	E
1/23/2024 10:25:00	9.1	7.1	-1.9	0.00	0.01	0.01	0.6	E
1/23/2024 10:26:00	9.1	6.5	-2.6	0.00	0.01	0.01	0.6	ESE
1/23/2024 10:27:00	9.0	6.4	-2.6	0.00	0.01	0.01	0.6	NE
1/23/2024 10:28:00	9.3	6.3	-3.0	0.00	0.01	0.01	0.6	NE
1/23/2024 10:29:00	9.4	6.2	-3.1	0.00	0.01	0.01	0.6	ENE
1/23/2024 10:30:00	9.3	6.1	-3.2	0.00	0.01	0.01	0.6	ESE
1/23/2024 10:31:00	9.3	6.0	-3.3	0.00	0.01	0.01	0.6	ESE
1/23/2024 10:32:00	9.4	6.0	-3.4	0.00	0.01	0.01	0.6	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/23/2024 10:33:00	9.4	6.1	-3.3	0.00	0.01	0.01	0.6	ESE
1/23/2024 10:34:00	9.4	6.1	-3.3	0.00	0.01	0.01	0.6	ESE
1/23/2024 10:35:00	9.6	6.1	-3.5	0.00	0.01	0.01	0.6	WSW
1/23/2024 13:06:00	18.9	19.7	0.8	0.01	0.01	0.00	0.6	ESE
1/23/2024 13:07:00	18.2	17.8	-0.4	0.01	0.01	0.01	0.9	E
1/23/2024 13:08:00	16.8	17.3	0.5	0.00	0.02	0.01	0.8	ESE
1/23/2024 13:09:00	15.1	16.1	1.1	0.01	0.02	0.01	0.7	ENE
1/23/2024 13:10:00	13.7	14.8	1.1	0.00	0.02	0.02	0.8	ESE
1/23/2024 13:11:00	12.7	13.9	1.2	0.00	0.02	0.02	0.8	ESE
1/23/2024 13:12:00	12.1	13.0	0.9	0.01	0.02	0.01	0.7	SW
1/23/2024 13:13:00	12.6	12.3	-0.3	0.01	0.01	0.01	0.7	W
1/23/2024 13:14:00	12.4	11.7	-0.7	0.01	0.01	0.00	0.7	SW
1/23/2024 13:15:00	11.8	11.8	-0.1	0.01	0.01	0.01	0.8	ENE
1/23/2024 13:16:00	11.5	11.3	-0.3	0.01	0.01	0.00	0.8	W
1/23/2024 13:17:00	11.1	10.9	-0.2	0.01	0.02	0.01	0.7	E
1/23/2024 13:18:00	10.8	10.6	-0.3	0.01	0.01	0.00	0.7	SSE
1/23/2024 13:19:00	10.8	10.3	-0.6	0.01	0.01	0.00	0.7	W
1/23/2024 13:20:00	12.0	10.1	-1.9	0.01	0.01	0.00	0.7	W
1/23/2024 13:21:00	11.2	9.7	-1.5	0.01	0.02	0.00	0.8	SE
1/23/2024 13:22:00	10.5	9.8	-0.7	0.01	0.02	0.00	0.7	E
1/23/2024 13:23:00	10.1	10.0	-0.1	0.01	0.02	0.00	0.8	ESE
1/23/2024 13:24:00	9.9	9.9	0.0	0.01	0.02	0.01	0.8	ESE
1/23/2024 13:25:00	9.9	9.6	-0.3	0.01	0.02	0.01	0.7	ESE
1/23/2024 13:26:00	9.9	9.4	-0.5	0.01	0.02	0.01	0.8	ESE
1/23/2024 13:27:00	9.8	9.7	-0.1	0.01	0.02	0.01	0.8	ENE
1/23/2024 13:28:00	10.7	9.7	-0.9	0.01	0.02	0.01	0.8	W
1/23/2024 13:29:00	10.5	11.3	0.8	0.01	0.03	0.01	0.8	NE
1/23/2024 13:30:00	10.6	12.9	2.4	0.01	0.03	0.01	0.7	ESE
1/23/2024 13:31:00	10.6	13.8	3.2	0.01	0.03	0.02	0.7	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
1/23/2024 13:32:00	10.7	14.4	3.7	0.01	0.03	0.02	0.8	ESE
1/23/2024 13:33:00	10.7	15.6	4.9	0.01	0.04	0.03	0.7	ESE
1/23/2024 13:34:00	10.5	15.7	5.1	0.01	0.04	0.03	0.8	NW
1/23/2024 13:35:00	9.2	15.7	6.5	0.01	0.04	0.03	0.8	WSW
1/23/2024 13:36:00	9.1	15.3	6.2	0.01	0.03	0.02	0.8	W
1/23/2024 13:37:00	9.2	14.7	5.5	0.01	0.03	0.01	0.8	SSE
1/23/2024 13:38:00	9.3	15.7	6.4	0.01	0.03	0.01	0.8	ESE
1/23/2024 13:39:00	9.5	17.6	8.1	0.01	0.03	0.01	0.8	NE
1/23/2024 13:40:00	9.6	20.9	11.3	0.01	0.03	0.01	0.8	ESE
1/23/2024 13:41:00	9.7	23.3	13.6	0.01	0.03	0.01	0.8	ESE
1/23/2024 13:42:00	12.3	23.1	10.8	0.01	0.03	0.01	0.8	SSW
1/23/2024 13:43:00	10.9	23.7	12.8	0.01	0.03	0.01	0.8	ESE
1/23/2024 13:44:00	11.0	23.3	12.2	0.01	0.03	0.01	0.9	ESE
1/23/2024 13:45:00	11.2	22.9	11.7	0.01	0.03	0.01	0.9	ESE
1/23/2024 13:46:00	13.1	22.3	9.2	0.01	0.02	0.01	0.9	WSW
1/23/2024 13:47:00	14.3	21.9	7.6	0.01	0.02	0.00	0.9	WNW
1/23/2024 13:48:00	14.6	21.0	6.4	0.01	0.02	0.00	0.9	N
1/23/2024 13:49:00	14.7	21.2	6.5	0.01	0.02	0.01	0.9	WNW
1/23/2024 13:50:00	14.8	21.6	6.8	0.01	0.02	0.01	0.9	ESE
1/23/2024 13:51:00	17.1	21.9	4.8	0.01	0.02	0.01	0.9	W
1/23/2024 13:52:00	17.6	25.2	7.6	0.01	0.02	0.01	0.9	NNE
1/23/2024 13:53:00	20.1	24.0	4.0	0.01	0.02	0.01	0.9	S
1/23/2024 13:54:00	22.6	22.2	-0.5	0.01	0.02	0.01	0.9	WNW
1/23/2024 13:55:00	22.9	21.7	-1.2	0.01	0.02	0.01	0.8	ESE
1/23/2024 13:56:00	23.2	21.5	-1.6	0.01	0.02	0.01	0.8	ESE
1/23/2024 13:57:00	20.9	23.8	2.9	0.01	0.02	0.01	0.8	ESE
1/23/2024 13:58:00	21.5	25.5	4.0	0.01	0.02	0.01	0.8	N
1/23/2024 13:59:00	24.6	25.0	0.4	0.01	0.02	0.01	0.7	NW
1/23/2024 14:00:00	24.6	26.1	1.6	0.01	0.02	0.01	0.7	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
1/23/2024 14:01:00	22.7	26.7	4.0	0.01	0.02	0.01	0.7	E
1/23/2024 14:02:00	21.9	26.6	4.7	0.01	0.02	0.01	0.7	WNW
1/23/2024 14:03:00	22.6	26.5	3.9	0.02	0.02	0.01	0.7	W
1/23/2024 14:04:00	22.9	26.3	3.4	0.02	0.02	0.00	0.7	W
1/23/2024 14:05:00	22.4	25.8	3.5	0.02	0.02	0.00	0.6	W
1/23/2024 14:06:00	20.1	25.5	5.4	0.02	0.02	0.00	0.6	WNW
1/23/2024 14:07:00	19.5	22.4	2.9	0.02	0.02	0.00	0.6	W
1/23/2024 14:08:00	17.4	22.4	5.0	0.02	0.01	0.00	0.7	W
1/23/2024 14:09:00	15.2	22.7	7.5	0.02	0.01	0.00	0.6	S
1/23/2024 14:10:00	14.9	20.3	5.4	0.02	0.01	0.00	0.6	ESE
1/23/2024 14:11:00	14.5	18.4	3.9	0.02	0.01	0.00	0.6	SE
1/23/2024 14:12:00	14.9	16.0	1.1	0.02	0.01	-0.01	0.6	W
1/23/2024 14:13:00	14.3	14.4	0.1	0.02	0.01	-0.01	0.6	NW
1/23/2024 14:14:00	11.0	13.8	2.8	0.02	0.01	0.00	0.6	SE
1/23/2024 14:15:00	10.7	11.2	0.6	0.02	0.02	0.00	0.6	ESE
1/23/2024 14:16:00	10.5	10.7	0.2	0.02	0.02	0.00	0.6	E
1/23/2024 14:17:00	9.9	10.8	0.8	0.01	0.02	0.00	0.6	E
1/23/2024 14:18:00	9.0	10.8	1.9	0.01	0.02	0.01	0.6	ESE
1/23/2024 14:19:00	8.7	11.7	3.0	0.01	0.02	0.01	0.6	ESE
1/23/2024 14:20:00	9.1	12.2	3.1	0.01	0.02	0.02	0.6	E
1/23/2024 14:21:00	9.3	12.1	2.8	0.01	0.02	0.01	0.6	WSW
1/23/2024 14:22:00	9.2	11.8	2.6	0.01	0.03	0.02	0.6	E
1/23/2024 14:23:00	8.7	11.2	2.4	0.01	0.03	0.02	0.6	NNE
1/23/2024 14:24:00	8.4	10.5	2.1	0.01	0.03	0.02	0.6	W
1/23/2024 14:25:00	8.4	10.3	1.9	0.01	0.03	0.01	0.6	W
1/23/2024 14:26:00	8.8	10.4	1.6	0.01	0.03	0.01	0.6	ENE
1/23/2024 14:27:00	8.1	10.6	2.5	0.01	0.03	0.02	0.6	ESE
1/23/2024 14:28:00	8.3	10.3	2.0	0.01	0.03	0.02	0.6	SE
1/23/2024 14:29:00	8.3	10.6	2.2	0.01	0.03	0.02	0.6	N

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/23/2024 14:30:00	9.2	10.4	1.2	0.01	0.03	0.01	0.6	W
1/23/2024 14:31:00	9.6	11.3	1.7	0.01	0.03	0.01	0.7	SE
1/23/2024 14:32:00	10.2	11.3	1.1	0.02	0.03	0.01	0.6	WSW
1/23/2024 14:33:00	10.7	11.3	0.5	0.02	0.02	0.01	0.7	W
1/23/2024 14:34:00	11.2	10.5	-0.7	0.02	0.02	0.00	0.7	W
1/23/2024 14:35:00	11.6	10.1	-1.5	0.02	0.02	0.00	0.8	W
1/23/2024 14:36:00	11.9	10.2	-1.7	0.02	0.02	0.00	0.8	W
1/23/2024 14:37:00	13.5	10.4	-3.1	0.03	0.02	-0.01	0.8	W
1/23/2024 14:38:00	14.7	10.7	-4.0	0.03	0.01	-0.01	0.8	W
1/23/2024 14:39:00	15.6	10.9	-4.7	0.03	0.01	-0.01	0.8	NW
1/23/2024 14:40:00	16.0	11.2	-4.8	0.03	0.01	-0.01	0.8	W
1/23/2024 14:41:00	16.5	11.1	-5.4	0.03	0.02	-0.01	0.8	NW
1/23/2024 14:42:00	16.4	13.4	-2.9	0.04	0.03	-0.01	0.8	ESE
1/23/2024 14:43:00	16.2	15.7	-0.5	0.04	0.05	0.01	0.8	E
1/23/2024 14:44:00	16.2	17.3	1.0	0.05	0.07	0.01	0.8	NNW
1/23/2024 14:45:00	16.9	17.4	0.4	0.06	0.07	0.01	0.8	W
1/23/2024 14:46:00	17.4	16.4	-1.1	0.07	0.07	0.01	0.8	W
1/23/2024 14:47:00	16.9	16.5	-0.4	0.06	0.08	0.02	0.8	ESE
1/23/2024 14:48:00	16.6	16.5	-0.1	0.06	0.08	0.01	0.8	WNW
1/23/2024 14:49:00	16.2	16.6	0.4	0.06	0.08	0.02	0.7	SE
1/23/2024 14:50:00	15.9	16.9	0.9	0.06	0.08	0.02	0.7	SE
1/23/2024 14:51:00	15.8	16.9	1.1	0.06	0.08	0.02	0.6	ESE
1/23/2024 14:52:00	14.2	17.3	3.1	0.06	0.08	0.02	0.6	WNW
1/23/2024 14:53:00	14.1	17.3	3.2	0.06	0.09	0.03	0.6	ESE
1/23/2024 14:54:00	13.4	17.9	4.4	0.05	0.09	0.03	0.6	ESE
1/23/2024 14:55:00	15.0	17.7	2.7	0.05	0.09	0.03	0.6	SW
1/23/2024 14:56:00	14.2	22.4	8.2	0.05	0.08	0.03	0.6	ENE
1/23/2024 14:57:00	14.3	23.0	8.7	0.04	0.07	0.03	0.6	ESE
1/23/2024 14:58:00	14.5	21.0	6.5	0.04	0.05	0.01	0.6	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
1/23/2024 14:59:00	14.5	19.8	5.4	0.03	0.04	0.01	0.6	ESE
1/23/2024 15:00:00	13.3	19.8	6.5	0.02	0.03	0.01	0.6	S
1/23/2024 15:01:00	12.5	20.0	7.6	0.02	0.03	0.01	0.6	WNW
1/23/2024 15:02:00	12.7	19.7	7.0	0.02	0.02	0.01	0.6	ENE
1/23/2024 15:03:00	12.6	20.5	7.9	0.01	0.02	0.01	0.6	ESE
1/23/2024 15:04:00	12.6	21.5	8.8	0.01	0.02	0.01	0.6	ESE
1/23/2024 15:05:00	12.8	22.3	9.4	0.01	0.02	0.01	0.6	ESE
1/23/2024 15:06:00	12.7	23.3	10.5	0.01	0.02	0.01	0.6	NNW
1/23/2024 15:07:00	12.9	23.6	10.7	0.01	0.02	0.01	0.6	E
1/23/2024 15:08:00	12.0	24.6	12.6	0.01	0.02	0.01	0.5	ENE
1/23/2024 15:09:00	11.4	24.6	13.1	0.01	0.02	0.01	0.5	NNW
1/23/2024 15:10:00	9.4	24.4	15.0	0.00	0.02	0.02	0.5	ESE
1/23/2024 15:11:00	9.4	19.5	10.1	0.01	0.02	0.01	0.5	NW
1/23/2024 15:12:00	9.5	16.3	6.8	0.01	0.02	0.01	0.5	W
1/23/2024 15:13:00	9.2	15.7	6.5	0.01	0.02	0.01	0.5	N
1/23/2024 15:14:00	9.1	15.1	6.0	0.01	0.02	0.01	0.5	NNE
1/23/2024 15:15:00	8.7	14.8	6.2	0.00	0.02	0.01	0.5	E