

DAILY FIELD REPORT 162

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	January 8, 2024
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 5:00 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Caitlyn Dempsey (Environmental) Carli Piretra (Environmental) Joe Como (Geotechnical)
Construction Manager: Consigli Construction Co., Inc. (Consigli)	
Foundation Contractor: Urban Foundation/Engineering (Urban)	

Work Activities Performed:

- Urban graded an about 20-foot-long by 10-foot-wide area in the southern part of grid WC02 to prepare for equipment mobilization.
- 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 advanced two caisson casings in the southern part of grid WC04.
- Urban continued advancing one rock socket in the southern part of grid WC04.
- Urban continued installing waterproofing/vapor barrier membranes (GCP Preprufe® 300R and related products) in the central part of the site. Waterproofing/vapor barrier installation observation and documentation is to verify general conformance with specifications and contract documents.

Material Tracking:

- The following soil/fill was exported from the site:
 - 3 loads of soil/fill from waste characterization grids WC02_15-20, WC02_20-25, WC03_10-15, WC03_15-20, WC03_20-25, WC03_25-30 were exported for off-site disposal at the Clean Earth of Carteret LLC facility in Carteret, NJ.
- No material was imported to the site.

Materials Export Summary								
Facility Name	Bayshore Soil Management, LLC		Clean Earth of Carteret, LLC		PPark NJ		Faztec Solutions	
Location	Keasbey, NJ		Carteret, NJ		Prospect Park, NJ		Staten Island, NY	
Type of Waste	Non-hazardous Soil		Non-hazardous Soil		Non-hazardous Soil		C&D	
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	-	3	60	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	Dale Transfer Corp.	
Location	West Babylon, NY	
Type of Waste	Concrete	
Today	Number of Loads	Approx. Volume (CY)
		0
Total	Number of Loads	Approx. Volume (CY)
	2	40

Materials Import Summary						
Facility Name	Greenpoint Quarry / North Shore Terminal		Stavola Bound Brook / North Shore Terminal		North American Aggregate Mining Operations	
Location	Staten Island, NY		Staten Island, NY		Perth Amboy, NJ	
Type of Material	ASTM #57 0.75-inch Stone		ASTM #2 2.5-inch Stone		Pipe Sand Backfill	
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:

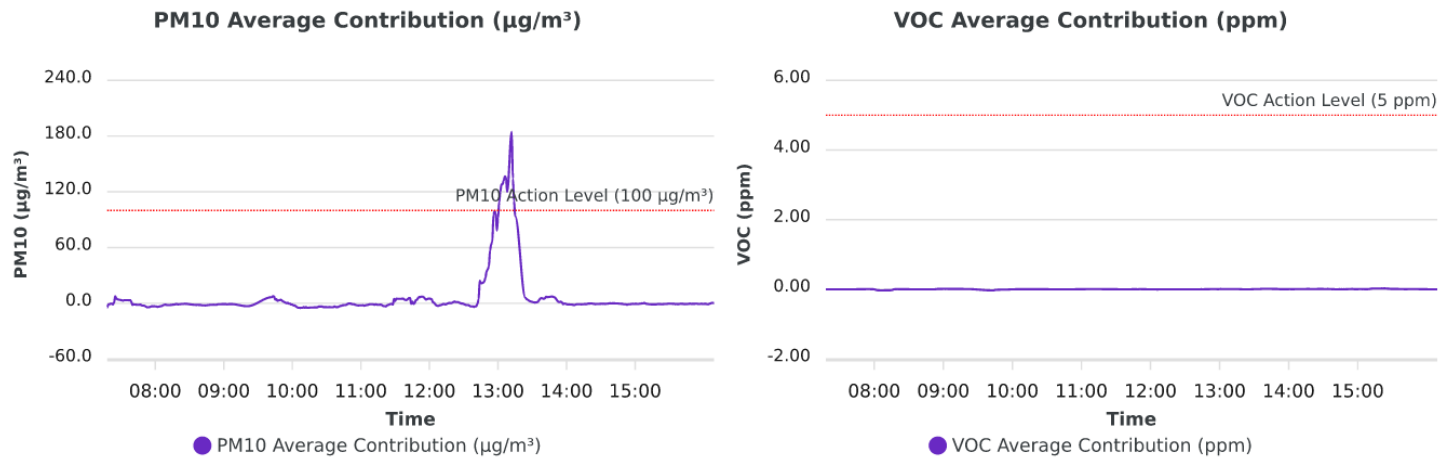
The 15-minute average site contributions for particulates and volatile organic compounds (VOCs) are calculated by subtracting the upwind readings from the downwind readings. A true action level exceedance is realized when this net result exceeds 100 µg/m³ for particulates and 5 ppm for organic vapors. No organic vapors exceeded the 15-minute average site contribution action level of 5 ppm on this day. Particulates (PM10) exceeded the 15-minute average site contribution action level of 100 µg/m³ from 13:01 to 13:14. Exceedances were attributed to drilling activity directly adjacent to the downwind station. Work in the area was postponed, the station was relocated, and the exceedances subsided.

Langan performed the monthly calibration of the on-site CAMP stations while work was temporarily stopped from about 9:08 AM to 9:41 AM. As a result, data gaps were encountered from 9:08 AM to 9:18 AM and from 9:22 AM to 9:41 AM. Data gaps were also encountered from 13:09 to 13:11 and 13:16 to 13:23 due to relocation of the downwind station.

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	9.4	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-4.9	VOC Average Site Contribution (Minimum)	-0.03
PM10 Average Site Contribution (Maximum)	184.6	VOC Average Site Contribution (Maximum)	0.03

µg/m³: micrograms per cubic meter.

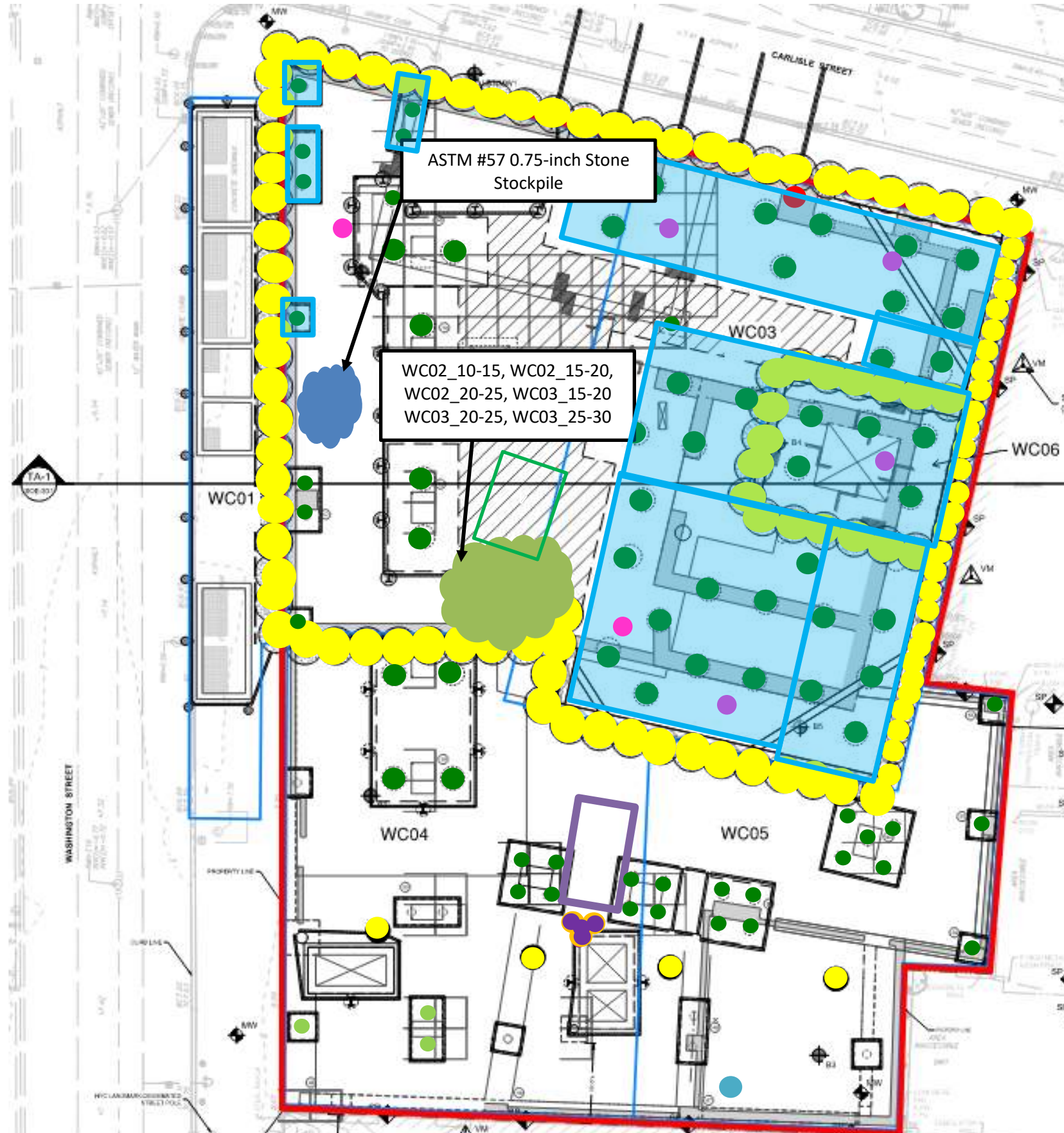
ppm: parts per million.



Planned Activities:

- Urban will continue to excavate and grade site material in support of foundation installation.
- Urban will continue to install waterproofing throughout the building footprint.
- 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 loading a truck with soil/fill for off-site disposal (facing southeast).



Photo 2: Urban grading soil/fill in the southern area of grid WC02 (facing southeast).



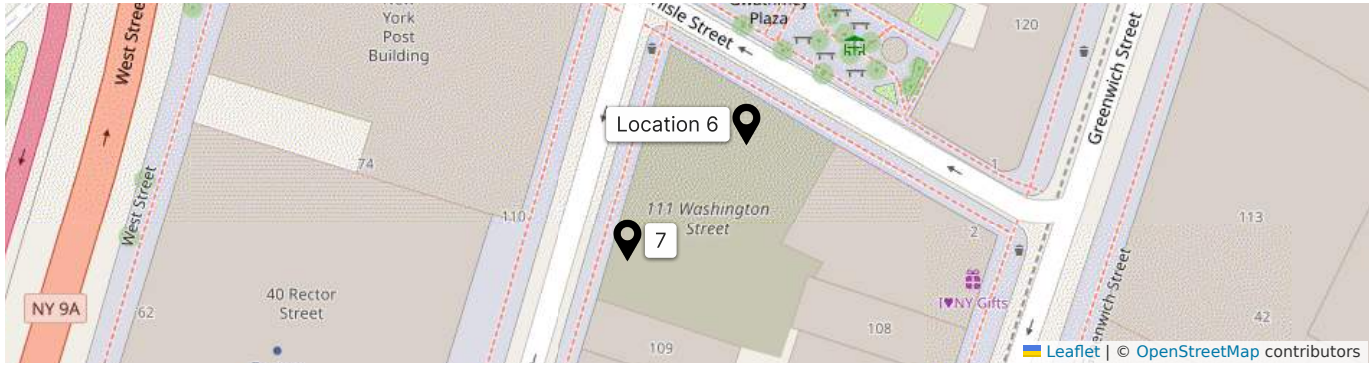
Photo 3: View of the site entrance/exit on the corner of Carlisle Street and Washington Street at the end of the workday (facing southeast).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	1/8/2024 06:00
		To:	1/8/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

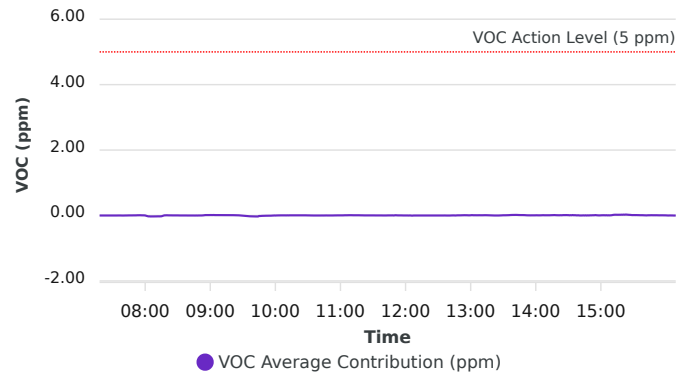
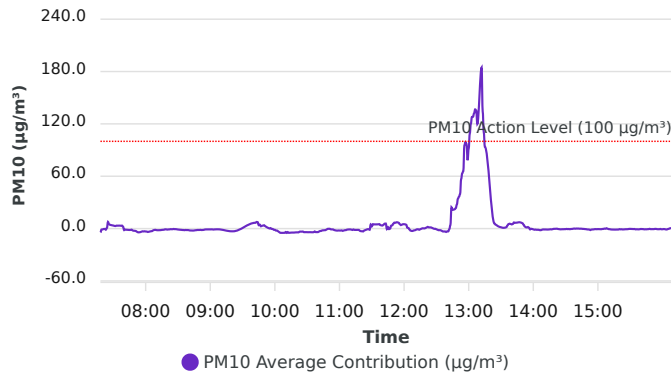
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
1/8/2024	0.3-2.1	ESE

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/8/2024	-4.9	10:07	-0.03	08:05
Max Contribution (15 min avg.) - 1/8/2024	184.6	13:12	0.03	15:23

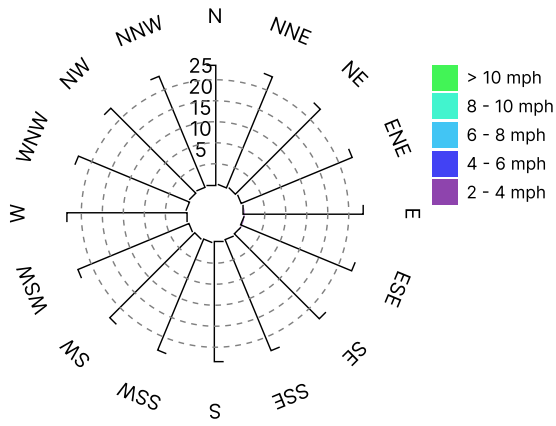


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
1/8/2024 07:18:00	9.4	5.0	-4.5	0.00	0.00	0.00	1.4	SE
1/8/2024 07:19:00	6.7	5.6	-1.1	0.00	0.00	0.00	1.2	WSW
1/8/2024 07:20:00	5.9	4.9	-1.0	0.00	0.00	0.00	1.1	E
1/8/2024 07:21:00	5.2	4.7	-0.5	0.00	0.00	0.00	1.1	W
1/8/2024 07:22:00	4.8	4.4	-0.4	0.00	0.00	0.00	1.1	SSE
1/8/2024 07:23:00	5.4	4.2	-1.3	0.00	0.00	0.00	1.1	ESE
1/8/2024 07:24:00	5.1	5.9	0.8	0.00	0.00	0.00	1.1	S
1/8/2024 07:25:00	5.2	12.8	7.6	0.00	0.00	0.00	1.1	SE
1/8/2024 07:26:00	8.1	13.1	5.0	0.00	0.00	0.00	1.1	ESE
1/8/2024 07:27:00	8.1	12.4	4.3	0.00	0.00	0.00	1.1	W
1/8/2024 07:28:00	7.9	11.9	4.0	0.00	0.00	0.00	1.1	ENE
1/8/2024 07:29:00	7.6	11.3	3.7	0.00	0.00	0.00	1.1	S
1/8/2024 07:30:00	7.3	10.8	3.5	0.00	0.00	0.00	1.1	W
1/8/2024 07:31:00	7.2	10.3	3.1	0.00	0.00	0.00	1.1	E
1/8/2024 07:32:00	7.0	9.9	2.9	0.00	0.00	0.00	1.1	SSE
1/8/2024 07:33:00	6.7	10.0	3.4	0.00	0.00	0.00	1.1	NW
1/8/2024 07:34:00	6.7	10.1	3.3	0.00	0.00	0.00	1.1	S
1/8/2024 07:35:00	6.8	10.1	3.4	0.00	0.00	0.00	1.1	W
1/8/2024 07:36:00	6.8	10.2	3.4	0.00	0.00	0.00	1.2	WSW
1/8/2024 07:37:00	7.0	10.2	3.2	0.00	0.00	0.00	1.2	NE
1/8/2024 07:38:00	6.7	10.1	3.4	0.01	0.01	0.00	1.2	SE
1/8/2024 07:39:00	7.1	9.2	2.2	0.01	0.01	0.00	1.1	ESE
1/8/2024 07:40:00	7.1	5.3	-1.8	0.01	0.01	0.00	1.2	ESE
1/8/2024 07:41:00	5.7	4.5	-1.2	0.01	0.01	0.00	1.2	ESE
1/8/2024 07:42:00	5.6	4.3	-1.3	0.01	0.01	0.00	1.2	SE
1/8/2024 07:43:00	5.4	4.0	-1.4	0.01	0.01	0.00	1.2	ESE
1/8/2024 07:44:00	5.4	3.8	-1.5	0.01	0.01	0.00	1.2	E
1/8/2024 07:45:00	5.4	3.7	-1.6	0.01	0.01	0.00	1.2	ESE
1/8/2024 07:46:00	5.2	3.7	-1.5	0.01	0.01	0.00	1.2	E
1/8/2024 07:47:00	5.2	4.0	-1.3	0.01	0.01	0.00	1.2	S
1/8/2024 07:48:00	6.0	3.8	-2.2	0.01	0.01	0.00	1.2	ESE
1/8/2024 07:49:00	6.1	3.6	-2.5	0.01	0.01	0.00	1.2	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
1/8/2024 07:50:00	6.1	3.5	-2.5	0.01	0.01	0.00	1.2	E
1/8/2024 07:51:00	6.2	3.3	-2.9	0.01	0.01	0.00	1.1	ESE
1/8/2024 07:52:00	6.9	3.2	-3.7	0.00	0.01	0.01	1.1	ESE
1/8/2024 07:53:00	7.5	3.1	-4.3	0.00	0.01	0.01	1.2	SE
1/8/2024 07:54:00	7.4	3.1	-4.3	0.00	0.01	0.01	1.1	ENE
1/8/2024 07:55:00	7.2	3.1	-4.1	0.00	0.01	0.01	1.1	E
1/8/2024 07:56:00	6.7	3.1	-3.6	0.00	0.01	0.01	1.1	SSW
1/8/2024 07:57:00	6.4	3.3	-3.1	0.00	0.01	0.01	1.1	SW
1/8/2024 07:58:00	6.5	3.2	-3.3	0.00	0.01	0.01	1.1	E
1/8/2024 07:59:00	6.5	3.4	-3.1	0.00	0.01	0.00	1.0	SSE
1/8/2024 08:00:00	6.8	3.5	-3.3	0.01	0.01	0.00	1.0	SE
1/8/2024 08:01:00	7.0	3.6	-3.4	0.02	0.01	-0.01	1.0	ENE
1/8/2024 08:02:00	7.2	3.3	-3.9	0.03	0.01	-0.02	1.1	E
1/8/2024 08:03:00	6.8	3.2	-3.6	0.04	0.01	-0.03	1.1	E
1/8/2024 08:04:00	6.5	3.2	-3.3	0.04	0.01	-0.03	1.1	NW
1/8/2024 08:05:00	6.4	3.4	-3.1	0.04	0.01	-0.03	1.1	WSW
1/8/2024 08:06:00	6.3	3.4	-2.9	0.04	0.01	-0.03	1.1	NE
1/8/2024 08:07:00	5.5	3.5	-2.0	0.04	0.02	-0.03	1.1	E
1/8/2024 08:08:00	5.2	3.6	-1.6	0.04	0.02	-0.03	1.1	E
1/8/2024 08:09:00	5.0	3.6	-1.4	0.04	0.02	-0.03	1.2	ESE
1/8/2024 08:10:00	5.3	3.5	-1.8	0.04	0.02	-0.03	1.2	NE
1/8/2024 08:11:00	5.4	3.5	-1.9	0.04	0.02	-0.03	1.1	SE
1/8/2024 08:12:00	5.5	3.6	-1.9	0.04	0.02	-0.03	1.1	SSE
1/8/2024 08:13:00	5.4	3.6	-1.8	0.04	0.02	-0.03	1.2	ESE
1/8/2024 08:14:00	5.3	3.5	-1.8	0.04	0.02	-0.03	1.2	SE
1/8/2024 08:15:00	5.0	3.5	-1.5	0.04	0.01	-0.02	1.2	ESE
1/8/2024 08:16:00	4.7	3.3	-1.4	0.03	0.01	-0.01	1.2	ENE
1/8/2024 08:17:00	4.5	3.1	-1.3	0.01	0.01	0.00	1.2	E
1/8/2024 08:18:00	3.9	3.1	-0.9	0.01	0.01	0.01	1.2	ENE
1/8/2024 08:19:00	3.9	3.0	-0.9	0.00	0.01	0.01	1.2	SSW
1/8/2024 08:20:00	3.9	2.7	-1.2	0.00	0.01	0.01	1.2	ESE
1/8/2024 08:21:00	3.7	2.7	-1.0	0.00	0.01	0.01	1.2	SW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/8/2024 08:22:00	3.6	2.6	-1.0	0.00	0.00	0.00	1.2	ESE
1/8/2024 08:23:00	3.3	2.6	-0.7	0.00	0.00	0.00	1.2	E
1/8/2024 08:24:00	3.2	2.5	-0.7	0.00	0.00	0.00	1.1	E
1/8/2024 08:25:00	3.2	2.5	-0.7	0.00	0.00	0.00	1.2	ESE
1/8/2024 08:26:00	3.0	2.6	-0.4	0.00	0.00	0.00	1.2	SSE
1/8/2024 08:27:00	3.0	2.4	-0.7	0.00	0.00	0.00	1.2	ENE
1/8/2024 08:28:00	2.9	2.3	-0.6	0.00	0.00	0.00	1.1	E
1/8/2024 08:29:00	3.0	2.1	-0.8	0.00	0.00	0.00	1.1	N
1/8/2024 08:30:00	3.2	2.1	-1.1	0.00	0.00	0.00	1.2	ESE
1/8/2024 08:31:00	3.3	2.1	-1.2	0.00	0.00	0.00	1.1	SE
1/8/2024 08:32:00	3.5	2.1	-1.4	0.00	0.00	0.00	1.1	NE
1/8/2024 08:33:00	3.5	2.1	-1.4	0.00	0.00	0.00	1.1	E
1/8/2024 08:34:00	3.6	2.0	-1.6	0.00	0.00	0.00	1.1	NNW
1/8/2024 08:35:00	3.6	2.0	-1.6	0.00	0.00	0.00	1.2	E
1/8/2024 08:36:00	3.7	1.9	-1.8	0.00	0.00	0.00	1.2	E
1/8/2024 08:37:00	3.6	2.0	-1.6	0.00	0.00	0.00	1.1	W
1/8/2024 08:38:00	3.7	2.0	-1.7	0.00	0.00	0.00	1.1	E
1/8/2024 08:39:00	3.7	2.0	-1.7	0.00	0.00	0.00	1.2	ESE
1/8/2024 08:40:00	3.8	2.0	-1.8	0.00	0.00	0.00	1.2	NNW
1/8/2024 08:41:00	4.0	1.8	-2.2	0.00	0.00	0.00	1.2	E
1/8/2024 08:42:00	3.9	1.7	-2.2	0.00	0.00	0.00	1.2	ESE
1/8/2024 08:43:00	3.9	1.7	-2.2	0.00	0.00	0.00	1.2	ESE
1/8/2024 08:44:00	3.9	1.6	-2.3	0.00	0.00	0.00	1.2	ESE
1/8/2024 08:45:00	3.7	1.5	-2.2	0.00	0.00	0.00	1.2	NNE
1/8/2024 08:46:00	3.5	1.5	-1.9	0.00	0.00	0.00	1.3	W
1/8/2024 08:47:00	3.3	1.5	-1.8	0.00	0.00	0.00	1.3	E
1/8/2024 08:48:00	3.1	1.5	-1.6	0.00	0.00	0.00	1.2	SSE
1/8/2024 08:49:00	3.1	1.5	-1.6	0.00	0.00	0.00	1.2	NNW
1/8/2024 08:50:00	3.1	1.5	-1.6	0.00	0.00	0.00	1.2	ESE
1/8/2024 08:51:00	3.0	1.6	-1.5	0.00	0.00	0.00	1.3	NW
1/8/2024 08:52:00	3.1	1.4	-1.7	0.00	0.01	0.00	1.2	SE
1/8/2024 08:53:00	3.0	1.4	-1.6	0.00	0.01	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
1/8/2024 08:54:00	2.9	1.5	-1.5	0.00	0.01	0.01	1.2	E
1/8/2024 08:55:00	2.5	1.5	-1.1	0.00	0.01	0.01	1.2	ESE
1/8/2024 08:56:00	2.5	1.5	-1.0	0.00	0.02	0.01	1.2	ESE
1/8/2024 08:57:00	2.5	1.6	-1.0	0.00	0.02	0.01	1.2	E
1/8/2024 08:58:00	2.6	1.6	-0.9	0.00	0.02	0.01	1.2	E
1/8/2024 08:59:00	2.6	1.7	-0.9	0.00	0.02	0.01	1.1	E
1/8/2024 09:00:00	2.7	1.8	-0.9	0.00	0.02	0.01	1.1	ESE
1/8/2024 09:01:00	2.8	1.9	-0.9	0.00	0.02	0.01	1.1	WSW
1/8/2024 09:02:00	2.8	1.9	-0.9	0.00	0.02	0.01	1.0	SE
1/8/2024 09:03:00	3.0	1.8	-1.1	0.00	0.02	0.01	1.0	ESE
1/8/2024 09:04:00	3.0	2.0	-0.9	0.00	0.01	0.01	1.0	SSE
1/8/2024 09:05:00	3.1	2.2	-0.9	0.00	0.01	0.01	0.9	S
1/8/2024 09:06:00	3.1	2.3	-0.8	0.00	0.01	0.01	0.9	W
1/8/2024 09:07:00	3.2	2.4	-0.8	0.00	0.01	0.01	0.9	ESE
1/8/2024 09:08:00							0.9	NE
1/8/2024 09:09:00							0.9	ESE
1/8/2024 09:10:00							0.9	WNW
1/8/2024 09:11:00							0.9	ESE
1/8/2024 09:12:00							0.9	E
1/8/2024 09:13:00							0.9	SSE
1/8/2024 09:14:00							0.9	W
1/8/2024 09:15:00							0.9	WSW
1/8/2024 09:16:00							1.0	E
1/8/2024 09:17:00							1.0	W
1/8/2024 09:18:00							1.0	SSW
1/8/2024 09:19:00							1.0	ESE
1/8/2024 09:20:00	3.1	0.0	-3.1	0.00	0.01	0.01	1.0	ESE
1/8/2024 09:21:00	3.1	0.0	-3.1	0.00	0.01	0.01	0.9	ESE
1/8/2024 09:22:00							0.9	ESE
1/8/2024 09:23:00							0.9	ESE
1/8/2024 09:24:00							0.9	S
1/8/2024 09:25:00							0.9	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/8/2024 09:26:00							0.9	SW
1/8/2024 09:27:00							0.9	NE
1/8/2024 09:28:00							0.9	ESE
1/8/2024 09:29:00							0.8	S
1/8/2024 09:30:00							0.8	WSW
1/8/2024 09:31:00							0.8	ESE
1/8/2024 09:32:00							0.7	WSW
1/8/2024 09:33:00							0.7	WNW
1/8/2024 09:34:00							0.7	NNW
1/8/2024 09:35:00							0.8	W
1/8/2024 09:36:00							0.7	NNE
1/8/2024 09:37:00							0.7	E
1/8/2024 09:38:00							0.7	ESE
1/8/2024 09:39:00							0.7	SSW
1/8/2024 09:40:00							0.7	WNW
1/8/2024 09:41:00							0.7	SE
1/8/2024 09:42:00	0.6	7.3	6.7	0.03	0.00	-0.03	0.7	W
1/8/2024 09:43:00	0.3	7.9	7.6	0.03	0.00	-0.03	0.8	WNW
1/8/2024 09:44:00	0.2	7.6	7.4	0.03	0.00	-0.03	0.8	S
1/8/2024 09:45:00	1.8	5.7	3.9	0.02	0.01	-0.01	0.8	ESE
1/8/2024 09:46:00	1.4	5.9	4.5	0.02	0.01	-0.02	0.9	SSE
1/8/2024 09:47:00	2.3	4.9	2.6	0.02	0.01	-0.01	0.9	ESE
1/8/2024 09:48:00	2.0	5.1	3.1	0.02	0.00	-0.01	0.9	W
1/8/2024 09:49:00	1.7	5.2	3.5	0.01	0.00	-0.01	1.0	W
1/8/2024 09:50:00	1.5	5.3	3.8	0.01	0.00	-0.01	0.9	WNW
1/8/2024 09:51:00	2.0	4.8	2.8	0.01	0.00	-0.01	1.0	ENE
1/8/2024 09:52:00	2.4	4.4	2.0	0.01	0.00	-0.01	1.0	E
1/8/2024 09:53:00	2.8	4.0	1.2	0.01	0.00	-0.01	1.0	ESE
1/8/2024 09:54:00	3.0	3.7	0.6	0.01	0.00	-0.01	1.0	ESE
1/8/2024 09:55:00	3.3	3.4	0.1	0.01	0.00	-0.01	1.0	ESE
1/8/2024 09:56:00	3.1	3.6	0.5	0.01	0.00	-0.01	1.0	WNW
1/8/2024 09:57:00	3.5	3.1	-0.4	0.01	0.00	0.00	1.0	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
1/8/2024 09:58:00	3.5	3.0	-0.5	0.01	0.00	0.00	1.0	SSW
1/8/2024 09:59:00	3.9	2.6	-1.4	0.00	0.00	0.00	0.9	NE
1/8/2024 10:00:00	4.0	2.6	-1.4	0.00	0.00	0.00	0.9	ENE
1/8/2024 10:01:00	4.4	2.1	-2.3	0.00	0.00	0.00	0.9	ESE
1/8/2024 10:02:00	4.4	2.1	-2.3	0.00	0.00	0.00	0.9	E
1/8/2024 10:03:00	4.8	1.7	-3.1	0.00	0.00	0.00	0.9	SE
1/8/2024 10:04:00	5.3	1.3	-4.0	0.00	0.01	0.00	0.9	ESE
1/8/2024 10:05:00	5.7	0.9	-4.8	0.00	0.01	0.00	0.9	ENE
1/8/2024 10:06:00	5.8	0.9	-4.9	0.00	0.01	0.00	0.9	ESE
1/8/2024 10:07:00	5.8	0.9	-4.9	0.00	0.01	0.00	0.9	E
1/8/2024 10:08:00	5.8	0.9	-4.9	0.00	0.01	0.00	0.9	ENE
1/8/2024 10:09:00	5.7	0.9	-4.8	0.00	0.01	0.00	0.9	NE
1/8/2024 10:10:00	5.3	1.3	-4.0	0.00	0.01	0.00	0.9	WNW
1/8/2024 10:11:00	5.8	0.9	-4.9	0.00	0.01	0.01	0.9	SE
1/8/2024 10:12:00	5.3	1.3	-4.0	0.00	0.01	0.00	0.9	WSW
1/8/2024 10:13:00	5.6	0.8	-4.8	0.00	0.01	0.01	0.9	ENE
1/8/2024 10:14:00	5.6	0.8	-4.8	0.00	0.01	0.01	0.8	ENE
1/8/2024 10:15:00	5.5	0.8	-4.6	0.00	0.01	0.01	0.8	E
1/8/2024 10:16:00	5.4	0.8	-4.6	0.00	0.01	0.01	0.8	ENE
1/8/2024 10:17:00	5.4	0.8	-4.6	0.00	0.01	0.01	0.9	E
1/8/2024 10:18:00	5.4	0.8	-4.6	0.00	0.01	0.01	0.8	NNE
1/8/2024 10:19:00	5.2	0.8	-4.4	0.00	0.01	0.01	0.8	E
1/8/2024 10:20:00	5.2	0.8	-4.3	0.00	0.01	0.01	0.8	ENE
1/8/2024 10:21:00	5.1	0.8	-4.3	0.00	0.01	0.01	0.8	ESE
1/8/2024 10:22:00	5.2	0.8	-4.3	0.00	0.01	0.01	0.8	SE
1/8/2024 10:23:00	4.7	1.2	-3.5	0.00	0.01	0.01	0.9	WSW
1/8/2024 10:24:00	4.7	1.2	-3.5	0.00	0.01	0.01	0.9	E
1/8/2024 10:25:00	4.7	1.1	-3.5	0.00	0.01	0.01	0.9	SSE
1/8/2024 10:26:00	4.5	1.1	-3.4	0.00	0.01	0.01	0.9	E
1/8/2024 10:27:00	4.9	0.8	-4.1	0.00	0.01	0.01	0.9	ESE
1/8/2024 10:28:00	4.9	0.8	-4.1	0.00	0.01	0.01	0.9	ESE
1/8/2024 10:29:00	4.8	0.8	-4.1	0.00	0.00	0.00	0.9	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/8/2024 10:30:00	4.9	0.7	-4.1	0.00	0.00	0.00	0.9	ENE
1/8/2024 10:31:00	4.9	0.7	-4.2	0.00	0.00	0.00	0.9	ESE
1/8/2024 10:32:00	4.9	0.7	-4.1	0.00	0.00	0.00	0.8	ENE
1/8/2024 10:33:00	4.9	0.7	-4.1	0.00	0.00	0.00	0.8	ESE
1/8/2024 10:34:00	4.9	0.7	-4.2	0.00	0.00	0.00	0.8	ESE
1/8/2024 10:35:00	5.0	0.7	-4.2	0.00	0.00	0.00	0.8	ESE
1/8/2024 10:36:00	4.8	0.7	-4.1	0.00	0.00	0.00	0.7	ESE
1/8/2024 10:37:00	4.4	1.0	-3.3	0.00	0.00	0.00	0.7	SSE
1/8/2024 10:38:00	4.7	0.7	-4.1	0.00	0.00	0.00	0.7	NE
1/8/2024 10:39:00	4.7	0.7	-4.1	0.00	0.00	0.00	0.7	E
1/8/2024 10:40:00	4.7	0.7	-4.1	0.00	0.00	0.00	0.8	WNW
1/8/2024 10:41:00	4.4	1.0	-3.4	0.00	0.00	0.00	0.8	WNW
1/8/2024 10:42:00	4.0	1.3	-2.8	0.00	0.00	0.00	0.8	SSE
1/8/2024 10:43:00	4.0	1.3	-2.7	0.00	0.00	0.00	0.9	SE
1/8/2024 10:44:00	3.6	1.6	-2.1	0.00	0.00	0.00	0.9	WNW
1/8/2024 10:45:00	3.6	1.6	-2.0	0.00	0.00	0.00	0.9	E
1/8/2024 10:46:00	3.5	1.6	-1.9	0.00	0.00	0.00	0.9	ESE
1/8/2024 10:47:00	3.4	1.6	-1.8	0.00	0.00	0.00	0.9	SE
1/8/2024 10:48:00	3.0	1.9	-1.1	0.00	0.00	0.00	1.0	SW
1/8/2024 10:49:00	2.6	2.2	-0.3	0.00	0.00	0.00	0.9	SSE
1/8/2024 10:50:00	2.5	2.2	-0.2	0.00	0.00	0.00	0.9	SE
1/8/2024 10:51:00	2.5	2.2	-0.3	0.00	0.00	0.00	1.0	SE
1/8/2024 10:52:00	2.8	1.9	-0.9	0.00	0.00	0.00	0.9	ESE
1/8/2024 10:53:00	2.9	1.9	-0.9	0.00	0.00	0.00	1.0	E
1/8/2024 10:54:00	2.9	1.9	-1.0	0.00	0.00	0.00	0.9	N
1/8/2024 10:55:00	3.2	1.6	-1.6	0.00	0.01	0.00	0.9	NNE
1/8/2024 10:56:00	3.5	1.5	-2.0	0.00	0.01	0.00	0.9	ESE
1/8/2024 10:57:00	3.9	1.7	-2.2	0.00	0.01	0.00	0.9	E
1/8/2024 10:58:00	4.1	1.8	-2.3	0.00	0.01	0.00	0.9	ESE
1/8/2024 10:59:00	4.1	1.9	-2.2	0.00	0.01	0.00	0.9	SE
1/8/2024 11:00:00	4.2	1.9	-2.2	0.00	0.01	0.00	0.8	ESE
1/8/2024 11:01:00	4.3	2.0	-2.3	0.00	0.01	0.00	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
1/8/2024 11:02:00	4.3	2.2	-2.1	0.00	0.01	0.00	0.8	ESE
1/8/2024 11:03:00	4.6	2.0	-2.6	0.00	0.01	0.01	0.8	E
1/8/2024 11:04:00	5.0	2.8	-2.2	0.00	0.01	0.01	0.8	ENE
1/8/2024 11:05:00	5.2	3.4	-1.9	0.00	0.01	0.01	0.8	ESE
1/8/2024 11:06:00	5.3	3.5	-1.8	0.00	0.01	0.01	0.8	SE
1/8/2024 11:07:00	5.3	4.1	-1.2	0.00	0.01	0.01	0.8	ENE
1/8/2024 11:08:00	5.2	4.2	-1.1	0.00	0.01	0.01	0.8	E
1/8/2024 11:09:00	5.1	4.2	-1.0	0.00	0.01	0.01	0.8	NE
1/8/2024 11:10:00	5.1	4.2	-0.9	0.00	0.01	0.01	0.8	E
1/8/2024 11:11:00	5.1	3.9	-1.2	0.00	0.01	0.01	0.8	E
1/8/2024 11:12:00	5.0	3.5	-1.6	0.00	0.01	0.01	0.8	SE
1/8/2024 11:13:00	4.6	3.6	-1.0	0.00	0.01	0.01	0.8	SW
1/8/2024 11:14:00	4.9	3.4	-1.5	0.00	0.01	0.01	0.8	ESE
1/8/2024 11:15:00	5.0	3.5	-1.5	0.00	0.01	0.01	0.8	E
1/8/2024 11:16:00	5.0	3.5	-1.5	0.00	0.01	0.01	0.8	NNW
1/8/2024 11:17:00	4.9	3.5	-1.5	0.00	0.01	0.01	0.8	ENE
1/8/2024 11:18:00	4.9	3.4	-1.5	0.00	0.01	0.01	0.8	NE
1/8/2024 11:19:00	4.9	2.3	-2.6	0.00	0.01	0.01	0.8	E
1/8/2024 11:20:00	4.7	1.7	-3.0	0.00	0.01	0.01	0.8	E
1/8/2024 11:21:00	4.6	1.5	-3.1	0.00	0.00	0.00	0.9	E
1/8/2024 11:22:00	4.6	1.4	-3.3	0.00	0.00	0.00	0.9	ESE
1/8/2024 11:23:00	4.6	2.5	-2.2	0.00	0.00	0.00	0.8	ESE
1/8/2024 11:24:00	4.7	3.0	-1.7	0.00	0.00	0.00	0.9	E
1/8/2024 11:25:00	4.7	3.5	-1.2	0.00	0.00	0.00	0.9	E
1/8/2024 11:26:00	4.8	4.0	-0.7	0.00	0.00	0.00	0.8	E
1/8/2024 11:27:00	4.8	4.0	-0.8	0.00	0.00	0.00	0.8	ESE
1/8/2024 11:28:00	5.1	3.8	-1.3	0.00	0.00	0.00	0.8	E
1/8/2024 11:29:00	5.1	9.8	4.7	0.00	0.00	0.00	0.8	E
1/8/2024 11:30:00	7.6	10.1	2.5	0.00	0.00	0.00	0.8	SSE
1/8/2024 11:31:00	7.6	12.7	5.0	0.00	0.00	0.00	0.8	E
1/8/2024 11:32:00	7.7	12.5	4.8	0.00	0.00	0.00	0.8	E
1/8/2024 11:33:00	7.7	12.4	4.8	0.00	0.00	0.00	0.8	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
1/8/2024 11:34:00	7.6	12.4	4.8	0.00	0.00	0.00	0.8	E
1/8/2024 11:35:00	7.6	12.4	4.8	0.00	0.00	0.00	0.9	ESE
1/8/2024 11:36:00	7.5	12.4	4.9	0.00	0.00	0.00	0.9	ESE
1/8/2024 11:37:00	7.2	12.3	5.1	0.00	0.00	0.00	0.8	SE
1/8/2024 11:38:00	7.2	11.1	4.0	0.00	0.00	0.00	0.8	E
1/8/2024 11:39:00	7.0	10.6	3.6	0.00	0.00	0.00	0.8	ESE
1/8/2024 11:40:00	7.0	10.5	3.5	0.00	0.00	0.00	0.8	NE
1/8/2024 11:41:00	6.9	11.4	4.5	0.00	0.00	0.00	0.8	ESE
1/8/2024 11:42:00	6.8	12.5	5.6	0.00	0.00	0.00	0.8	ESE
1/8/2024 11:43:00	6.8	12.5	5.8	0.00	0.00	0.00	0.8	N
1/8/2024 11:44:00	6.8	6.2	-0.6	0.00	0.00	0.00	0.8	ENE
1/8/2024 11:45:00	4.1	5.9	1.8	0.00	0.00	0.00	0.8	ESE
1/8/2024 11:46:00	4.0	3.4	-0.6	0.00	0.00	0.00	0.7	ENE
1/8/2024 11:47:00	4.0	3.9	-0.1	0.00	0.00	0.00	0.8	ESE
1/8/2024 11:48:00	3.9	7.3	3.3	0.00	0.00	0.00	0.8	NNW
1/8/2024 11:49:00	4.0	7.7	3.7	0.00	0.00	0.00	0.8	WNW
1/8/2024 11:50:00	4.2	9.8	5.6	0.00	0.01	0.01	0.8	ESE
1/8/2024 11:51:00	4.2	11.1	6.8	0.00	0.01	0.01	0.8	NNW
1/8/2024 11:52:00	4.4	11.1	6.7	0.01	0.01	0.01	0.8	WSW
1/8/2024 11:53:00	4.2	11.4	7.2	0.01	0.01	0.00	0.9	SSW
1/8/2024 11:54:00	4.3	11.4	7.1	0.01	0.01	0.00	0.9	ENE
1/8/2024 11:55:00	4.4	11.0	6.6	0.01	0.01	0.00	0.9	NE
1/8/2024 11:56:00	4.5	9.5	5.0	0.01	0.01	0.00	0.9	E
1/8/2024 11:57:00	4.5	8.5	4.0	0.01	0.01	0.00	0.9	ESE
1/8/2024 11:58:00	4.2	8.7	4.5	0.01	0.01	0.00	0.9	WNW
1/8/2024 11:59:00	3.9	8.9	5.0	0.01	0.01	0.00	0.9	SSE
1/8/2024 12:00:00	3.9	8.9	5.0	0.01	0.01	0.00	0.9	E
1/8/2024 12:01:00	3.9	8.8	4.9	0.01	0.01	0.00	0.9	E
1/8/2024 12:02:00	3.9	8.2	4.4	0.01	0.01	0.00	0.9	E
1/8/2024 12:03:00	3.9	4.9	1.0	0.01	0.01	0.00	0.9	ENE
1/8/2024 12:04:00	3.7	4.4	0.7	0.01	0.01	0.00	0.8	ESE
1/8/2024 12:05:00	3.5	2.5	-1.0	0.01	0.00	0.00	0.8	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
1/8/2024 12:06:00	3.5	1.2	-2.3	0.01	0.00	-0.01	0.8	NNE
1/8/2024 12:07:00	3.6	0.9	-2.7	0.00	0.00	0.00	0.8	ENE
1/8/2024 12:08:00	3.6	0.9	-2.7	0.00	0.00	0.00	0.8	WNW
1/8/2024 12:09:00	3.3	1.1	-2.1	0.00	0.00	0.00	0.8	SW
1/8/2024 12:10:00	3.1	1.1	-2.0	0.00	0.00	0.00	0.8	ESE
1/8/2024 12:11:00	2.8	1.4	-1.4	0.00	0.00	0.00	0.8	SSE
1/8/2024 12:12:00	2.5	1.7	-0.8	0.00	0.00	0.00	0.8	S
1/8/2024 12:13:00	2.5	1.7	-0.8	0.00	0.00	0.00	0.8	WNW
1/8/2024 12:14:00	2.8	1.4	-1.4	0.00	0.00	0.00	0.8	SE
1/8/2024 12:15:00	2.5	1.7	-0.8	0.00	0.00	0.00	0.8	S
1/8/2024 12:16:00	2.2	2.0	-0.2	0.00	0.00	0.00	0.8	WSW
1/8/2024 12:17:00	1.9	2.3	0.3	0.00	0.00	0.00	0.8	WNW
1/8/2024 12:18:00	2.0	2.3	0.3	0.00	0.00	0.00	0.8	ENE
1/8/2024 12:19:00	2.1	2.3	0.2	0.00	0.00	0.00	0.8	ESE
1/8/2024 12:20:00	1.8	2.5	0.7	0.00	0.00	0.00	0.8	SW
1/8/2024 12:21:00	1.5	2.8	1.3	0.00	0.00	0.00	0.8	SSW
1/8/2024 12:22:00	1.2	3.2	1.9	0.00	0.00	0.00	0.9	WNW
1/8/2024 12:23:00	1.5	2.9	1.4	0.00	0.00	0.00	0.8	NE
1/8/2024 12:24:00	1.5	2.9	1.4	0.00	0.00	0.00	0.8	W
1/8/2024 12:25:00	1.6	2.9	1.3	0.00	0.00	0.00	0.8	SE
1/8/2024 12:26:00	1.9	2.6	0.8	0.00	0.00	0.00	0.8	ESE
1/8/2024 12:27:00	2.2	2.4	0.2	0.00	0.00	0.00	0.8	ESE
1/8/2024 12:28:00	2.4	2.1	-0.3	0.00	0.00	0.00	0.8	ESE
1/8/2024 12:29:00	2.4	2.1	-0.3	0.00	0.00	0.00	0.8	ESE
1/8/2024 12:30:00	2.6	1.8	-0.8	0.00	0.00	0.00	0.8	E
1/8/2024 12:31:00	2.9	1.6	-1.4	0.00	0.00	0.00	0.8	ENE
1/8/2024 12:32:00	3.1	1.3	-1.9	0.00	0.00	0.00	0.8	E
1/8/2024 12:33:00	3.1	1.3	-1.8	0.00	0.00	0.00	0.8	ESE
1/8/2024 12:34:00	3.2	1.3	-1.9	0.00	0.00	0.00	0.8	E
1/8/2024 12:35:00	3.6	1.0	-2.6	0.00	0.00	0.00	0.8	E
1/8/2024 12:36:00	3.9	0.6	-3.3	0.00	0.00	0.00	0.8	ESE
1/8/2024 12:37:00	3.9	0.6	-3.3	0.00	0.00	0.00	0.8	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
1/8/2024 12:38:00	3.9	0.6	-3.3	0.00	0.00	0.00	0.8	N
1/8/2024 12:39:00	4.2	0.3	-3.9	0.00	0.00	0.00	0.8	E
1/8/2024 12:40:00	3.9	0.6	-3.3	0.00	0.00	0.00	0.9	WSW
1/8/2024 12:41:00	3.8	0.6	-3.2	0.01	0.00	0.00	0.9	ENE
1/8/2024 12:42:00	3.8	3.1	-0.6	0.01	0.01	0.00	0.9	ESE
1/8/2024 12:43:00	3.9	7.9	4.0	0.01	0.01	0.00	0.9	E
1/8/2024 12:44:00	4.4	28.8	24.4	0.01	0.01	0.00	1.0	ESE
1/8/2024 12:45:00	8.7	30.2	21.5	0.01	0.01	0.00	1.0	WSW
1/8/2024 12:46:00	9.3	30.9	21.6	0.01	0.01	0.00	1.0	NW
1/8/2024 12:47:00	9.4	31.6	22.2	0.01	0.01	0.00	1.1	ESE
1/8/2024 12:48:00	9.4	32.9	23.4	0.01	0.01	0.01	1.1	ESE
1/8/2024 12:49:00	9.4	36.9	27.5	0.01	0.01	0.01	1.1	ESE
1/8/2024 12:50:00	9.3	43.6	34.3	0.01	0.01	0.01	1.1	ESE
1/8/2024 12:51:00	9.3	45.9	36.5	0.01	0.01	0.01	1.1	ESE
1/8/2024 12:52:00	10.2	49.7	39.6	0.01	0.01	0.01	1.1	ESE
1/8/2024 12:53:00	10.3	67.1	56.8	0.01	0.01	0.01	1.1	ESE
1/8/2024 12:54:00	10.4	73.8	63.4	0.01	0.01	0.01	1.1	E
1/8/2024 12:55:00	11.0	76.8	65.9	0.00	0.01	0.01	1.1	ESE
1/8/2024 12:56:00	12.1	107.5	95.4	0.00	0.01	0.01	1.1	ESE
1/8/2024 12:57:00	13.1	112.2	99.1	0.00	0.01	0.01	1.1	ENE
1/8/2024 12:58:00	13.3	110.1	96.8	0.00	0.01	0.01	1.0	ESE
1/8/2024 12:59:00	13.4	91.7	78.3	0.00	0.01	0.01	1.0	E
1/8/2024 13:00:00	9.6	101.2	91.7	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:01:00	10.7	119.5	108.9	0.00	0.01	0.01	1.1	ESE
1/8/2024 13:02:00	12.3	132.5	120.1	0.00	0.01	0.01	1.0	E
1/8/2024 13:03:00	12.5	140.4	127.9	0.00	0.01	0.01	1.0	E
1/8/2024 13:04:00	12.3	140.5	128.2	0.00	0.01	0.01	1.0	ENE
1/8/2024 13:05:00	12.3	144.4	132.1	0.00	0.01	0.01	1.0	E
1/8/2024 13:06:00	12.2	148.7	136.6	0.00	0.01	0.01	1.1	E
1/8/2024 13:07:00	11.5	146.8	135.3	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:08:00	11.1	131.0	119.9	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:09:00				0.00	0.01	0.01	1.0	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
1/8/2024 13:10:00				0.00	0.01	0.01	1.0	E
1/8/2024 13:11:00				0.00	0.01	0.01	1.0	E
1/8/2024 13:12:00	29.4	214.0	184.6	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:13:00	21.8	156.1	134.3	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:14:00	16.2	126.5	110.4	0.00	0.01	0.01	1.1	ESE
1/8/2024 13:15:00	12.8	106.5	93.8	0.00	0.01	0.01	1.0	E
1/8/2024 13:16:00							1.0	E
1/8/2024 13:17:00							1.0	ENE
1/8/2024 13:18:00							1.0	ENE
1/8/2024 13:19:00							1.0	SE
1/8/2024 13:20:00							0.9	ESE
1/8/2024 13:21:00							0.9	E
1/8/2024 13:22:00				0.00	0.00	0.00	1.0	E
1/8/2024 13:23:00				0.00	0.00	0.00	1.0	E
1/8/2024 13:24:00	9.9	15.7	5.8	0.00	0.00	0.00	1.0	E
1/8/2024 13:25:00	10.0	14.5	4.5	0.00	0.00	0.00	1.0	ESE
1/8/2024 13:26:00	8.0	11.8	3.8	0.00	0.00	0.00	1.0	ESE
1/8/2024 13:27:00	6.8	9.7	2.9	0.00	0.00	0.00	1.0	ESE
1/8/2024 13:28:00	6.0	8.3	2.3	0.00	0.00	0.00	1.0	ESE
1/8/2024 13:29:00	5.4	7.2	1.8	0.00	0.01	0.01	1.0	E
1/8/2024 13:30:00	4.9	6.4	1.5	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:31:00	4.6	5.7	1.1	0.00	0.01	0.01	1.0	ENE
1/8/2024 13:32:00	4.3	5.2	0.9	0.00	0.01	0.01	1.0	E
1/8/2024 13:33:00	4.0	4.9	0.9	0.00	0.01	0.01	1.0	E
1/8/2024 13:34:00	3.8	4.9	1.1	0.00	0.01	0.01	1.0	ENE
1/8/2024 13:35:00	3.6	5.2	1.6	0.00	0.01	0.01	1.0	E
1/8/2024 13:36:00	3.5	7.1	3.6	0.00	0.01	0.01	1.0	E
1/8/2024 13:37:00	3.7	8.9	5.2	0.00	0.01	0.01	1.0	SE
1/8/2024 13:38:00	3.9	9.5	5.6	0.00	0.02	0.02	1.0	E
1/8/2024 13:39:00	3.7	8.9	5.3	0.00	0.02	0.02	1.0	NNE
1/8/2024 13:40:00	3.3	8.1	4.8	0.00	0.02	0.02	1.0	SE
1/8/2024 13:41:00	3.2	8.5	5.3	0.00	0.02	0.02	1.0	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/8/2024 13:42:00	3.3	10.3	7.0	0.00	0.02	0.02	0.9	NNE
1/8/2024 13:43:00	3.8	10.5	6.6	0.00	0.02	0.02	1.0	SSE
1/8/2024 13:44:00	3.8	10.5	6.7	0.00	0.02	0.01	0.9	NNE
1/8/2024 13:45:00	3.9	10.7	6.8	0.00	0.01	0.01	1.0	NE
1/8/2024 13:46:00	3.9	11.0	7.1	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:47:00	4.0	11.2	7.3	0.00	0.01	0.01	1.0	ENE
1/8/2024 13:48:00	4.1	11.1	7.1	0.00	0.01	0.01	1.0	SE
1/8/2024 13:49:00	4.1	10.8	6.7	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:50:00	4.2	10.2	6.0	0.00	0.01	0.01	1.0	ENE
1/8/2024 13:51:00	4.0	8.4	4.4	0.00	0.01	0.01	1.0	WSW
1/8/2024 13:52:00	3.8	6.3	2.5	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:53:00	3.6	5.1	1.5	0.00	0.01	0.01	1.0	ESE
1/8/2024 13:54:00	3.4	4.6	1.3	0.00	0.01	0.01	1.0	E
1/8/2024 13:55:00	3.0	4.8	1.8	0.00	0.01	0.00	1.0	WSW
1/8/2024 13:56:00	3.0	4.0	0.9	0.00	0.01	0.01	1.0	NW
1/8/2024 13:57:00	3.0	2.0	-1.0	0.00	0.01	0.01	1.0	NNW
1/8/2024 13:58:00	2.2	1.9	-0.2	0.00	0.01	0.01	1.0	NW
1/8/2024 13:59:00	2.3	1.8	-0.5	0.00	0.01	0.01	1.0	ENE
1/8/2024 14:00:00	2.5	1.6	-0.9	0.00	0.01	0.01	1.0	ENE
1/8/2024 14:01:00	2.8	1.4	-1.3	0.00	0.01	0.01	1.0	ENE
1/8/2024 14:02:00	2.6	1.5	-1.1	0.00	0.01	0.01	1.0	W
1/8/2024 14:03:00	2.8	1.4	-1.4	0.00	0.01	0.01	1.0	E
1/8/2024 14:04:00	2.9	1.6	-1.4	0.00	0.01	0.01	1.0	E
1/8/2024 14:05:00	3.0	1.6	-1.4	0.00	0.01	0.01	1.0	ENE
1/8/2024 14:06:00	3.2	1.4	-1.8	0.00	0.01	0.01	1.0	ESE
1/8/2024 14:07:00	3.3	1.4	-1.8	0.00	0.01	0.01	1.0	NW
1/8/2024 14:08:00	3.1	1.8	-1.4	0.00	0.01	0.01	1.0	WNW
1/8/2024 14:09:00	3.0	2.0	-1.0	0.00	0.01	0.01	1.0	WNW
1/8/2024 14:10:00	3.1	2.0	-1.1	0.00	0.01	0.01	1.0	NW
1/8/2024 14:11:00	3.1	2.1	-1.0	0.00	0.01	0.01	1.0	NW
1/8/2024 14:12:00	3.2	2.1	-1.1	0.00	0.01	0.01	1.0	E
1/8/2024 14:13:00	3.2	2.1	-1.1	0.01	0.01	0.01	1.0	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
1/8/2024 14:14:00	3.2	2.1	-1.1	0.01	0.01	0.01	1.0	E
1/8/2024 14:15:00	2.9	1.9	-1.0	0.01	0.01	0.01	1.1	ESE
1/8/2024 14:16:00	2.6	1.8	-0.8	0.01	0.01	0.01	1.1	ENE
1/8/2024 14:17:00	2.7	1.7	-1.0	0.00	0.02	0.01	1.0	SE
1/8/2024 14:18:00	2.5	1.9	-0.7	0.01	0.02	0.01	1.1	W
1/8/2024 14:19:00	2.2	1.9	-0.3	0.01	0.01	0.01	1.1	WNW
1/8/2024 14:20:00	2.2	1.9	-0.3	0.01	0.01	0.01	1.0	ESE
1/8/2024 14:21:00	2.1	1.9	-0.2	0.01	0.01	0.01	1.0	ESE
1/8/2024 14:22:00	2.0	1.9	-0.1	0.01	0.01	0.01	1.0	E
1/8/2024 14:23:00	2.1	1.6	-0.5	0.01	0.01	0.01	1.0	ENE
1/8/2024 14:24:00	2.1	1.4	-0.6	0.01	0.01	0.01	1.0	WSW
1/8/2024 14:25:00	2.2	1.3	-0.9	0.01	0.02	0.01	1.0	E
1/8/2024 14:26:00	2.2	1.4	-0.8	0.01	0.02	0.01	1.0	E
1/8/2024 14:27:00	2.2	1.5	-0.7	0.01	0.02	0.01	1.1	E
1/8/2024 14:28:00	2.4	1.7	-0.7	0.01	0.02	0.01	1.1	ESE
1/8/2024 14:29:00	2.5	1.8	-0.7	0.01	0.02	0.01	1.1	E
1/8/2024 14:30:00	2.5	1.9	-0.6	0.01	0.02	0.01	1.1	E
1/8/2024 14:31:00	2.3	1.9	-0.4	0.01	0.02	0.01	1.0	WNW
1/8/2024 14:32:00	2.4	1.7	-0.6	0.01	0.02	0.01	1.0	N
1/8/2024 14:33:00	2.2	1.7	-0.5	0.01	0.02	0.01	1.0	NW
1/8/2024 14:34:00	2.4	1.6	-0.8	0.01	0.03	0.01	1.0	ENE
1/8/2024 14:35:00	2.2	1.8	-0.4	0.02	0.03	0.01	1.1	W
1/8/2024 14:36:00	2.2	1.8	-0.5	0.02	0.03	0.01	1.1	ESE
1/8/2024 14:37:00	2.1	1.9	-0.2	0.02	0.03	0.01	1.1	SW
1/8/2024 14:38:00	2.0	2.0	0.1	0.02	0.03	0.00	1.1	WNW
1/8/2024 14:39:00	2.0	1.9	-0.2	0.02	0.03	0.01	1.2	E
1/8/2024 14:40:00	1.9	1.9	0.1	0.02	0.02	0.00	1.1	NW
1/8/2024 14:41:00	1.8	1.8	0.0	0.02	0.02	0.00	1.1	E
1/8/2024 14:42:00	1.6	1.6	0.0	0.02	0.02	0.00	1.1	ENE
1/8/2024 14:43:00	1.5	1.3	-0.2	0.02	0.02	0.00	1.1	E
1/8/2024 14:44:00	1.4	1.3	-0.1	0.02	0.02	0.00	1.1	ESE
1/8/2024 14:45:00	1.6	1.4	-0.2	0.02	0.02	0.00	1.1	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
1/8/2024 14:46:00	1.7	1.3	-0.4	0.01	0.02	0.01	1.1	E
1/8/2024 14:47:00	1.8	1.4	-0.4	0.01	0.01	0.00	1.1	E
1/8/2024 14:48:00	2.0	1.4	-0.6	0.01	0.01	0.01	1.1	N
1/8/2024 14:49:00	2.0	1.3	-0.7	0.01	0.01	0.00	1.0	ESE
1/8/2024 14:50:00	2.1	1.2	-1.0	0.01	0.01	0.01	1.0	ESE
1/8/2024 14:51:00	2.2	1.2	-1.0	0.01	0.01	0.00	1.0	E
1/8/2024 14:52:00	2.4	1.3	-1.1	0.01	0.01	0.01	1.0	ESE
1/8/2024 14:53:00	3.0	1.3	-1.7	0.01	0.01	0.01	1.0	WNW
1/8/2024 14:54:00	2.9	1.8	-1.1	0.01	0.01	0.01	0.9	ENE
1/8/2024 14:55:00	3.1	2.1	-1.0	0.00	0.01	0.01	0.9	E
1/8/2024 14:56:00	3.3	2.4	-0.9	0.01	0.01	0.01	0.9	SSE
1/8/2024 14:57:00	3.2	2.5	-0.7	0.01	0.01	0.01	0.9	W
1/8/2024 14:58:00	3.1	2.5	-0.6	0.01	0.01	0.00	0.9	SSW
1/8/2024 14:59:00	3.1	2.4	-0.7	0.01	0.01	0.00	1.0	ESE
1/8/2024 15:00:00	2.8	2.2	-0.6	0.01	0.01	0.01	0.9	E
1/8/2024 15:01:00	2.7	2.1	-0.7	0.01	0.01	0.01	0.9	ESE
1/8/2024 15:02:00	2.7	2.0	-0.7	0.01	0.01	0.01	0.9	E
1/8/2024 15:03:00	2.7	1.9	-0.8	0.01	0.01	0.01	0.9	NE
1/8/2024 15:04:00	2.5	2.0	-0.5	0.01	0.01	0.01	1.0	W
1/8/2024 15:05:00	2.5	2.0	-0.4	0.01	0.02	0.01	1.0	ENE
1/8/2024 15:06:00	2.3	2.3	0.0	0.01	0.02	0.00	1.0	SW
1/8/2024 15:07:00	2.3	2.1	-0.2	0.01	0.02	0.01	1.0	NNW
1/8/2024 15:08:00	1.7	2.0	0.4	0.01	0.02	0.00	1.0	W
1/8/2024 15:09:00	1.7	1.5	-0.2	0.01	0.02	0.01	1.1	E
1/8/2024 15:10:00	1.7	1.1	-0.6	0.01	0.02	0.01	1.0	E
1/8/2024 15:11:00	1.5	0.8	-0.7	0.01	0.03	0.02	1.0	E
1/8/2024 15:12:00	1.7	0.7	-1.0	0.01	0.03	0.02	1.0	ENE
1/8/2024 15:13:00	1.8	0.7	-1.1	0.01	0.03	0.02	1.0	E
1/8/2024 15:14:00	1.8	0.7	-1.1	0.01	0.03	0.02	1.0	NNW
1/8/2024 15:15:00	1.9	0.7	-1.1	0.01	0.03	0.02	1.0	NE
1/8/2024 15:16:00	1.9	0.7	-1.2	0.01	0.03	0.02	1.0	E
1/8/2024 15:17:00	1.9	0.8	-1.1	0.01	0.03	0.02	1.0	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
1/8/2024 15:18:00	1.9	0.8	-1.1	0.01	0.03	0.02	1.0	E
1/8/2024 15:19:00	2.0	0.9	-1.1	0.01	0.04	0.03	0.9	NNE
1/8/2024 15:20:00	2.0	1.3	-0.7	0.01	0.03	0.02	0.9	E
1/8/2024 15:21:00	2.1	1.2	-0.9	0.01	0.03	0.03	0.9	E
1/8/2024 15:22:00	2.0	1.2	-0.8	0.01	0.03	0.02	0.9	E
1/8/2024 15:23:00	2.2	1.2	-1.0	0.00	0.03	0.03	0.8	E
1/8/2024 15:24:00	2.2	1.3	-0.9	0.00	0.03	0.03	0.8	E
1/8/2024 15:25:00	2.2	1.4	-0.8	0.00	0.03	0.02	0.9	ESE
1/8/2024 15:26:00	2.3	1.6	-0.7	0.00	0.02	0.02	0.8	E
1/8/2024 15:27:00	2.4	1.6	-0.8	0.00	0.02	0.02	0.8	NNW
1/8/2024 15:28:00	2.3	1.6	-0.6	0.00	0.02	0.01	0.8	W
1/8/2024 15:29:00	2.1	1.8	-0.4	0.01	0.02	0.01	0.8	W
1/8/2024 15:30:00	2.2	1.8	-0.4	0.01	0.02	0.01	0.9	ESE
1/8/2024 15:31:00	2.2	1.8	-0.4	0.01	0.02	0.01	0.9	E
1/8/2024 15:32:00	2.2	1.7	-0.5	0.01	0.02	0.01	0.8	ENE
1/8/2024 15:33:00	2.3	1.8	-0.6	0.01	0.02	0.01	0.8	NNE
1/8/2024 15:34:00	2.2	1.7	-0.5	0.01	0.02	0.01	0.9	WSW
1/8/2024 15:35:00	2.2	1.3	-0.9	0.01	0.02	0.01	0.9	E
1/8/2024 15:36:00	2.1	1.3	-0.8	0.01	0.01	0.01	0.9	WNW
1/8/2024 15:37:00	2.1	1.3	-0.8	0.01	0.02	0.01	0.9	E
1/8/2024 15:38:00	2.1	1.2	-0.9	0.01	0.02	0.01	0.9	ENE
1/8/2024 15:39:00	1.9	1.2	-0.7	0.01	0.01	0.01	0.9	W
1/8/2024 15:40:00	1.7	1.2	-0.5	0.01	0.01	0.01	0.9	NW
1/8/2024 15:41:00	1.6	1.0	-0.6	0.01	0.01	0.01	0.9	E
1/8/2024 15:42:00	1.6	1.0	-0.6	0.01	0.01	0.00	0.9	E
1/8/2024 15:43:00	1.8	0.9	-0.9	0.01	0.01	0.01	1.0	E
1/8/2024 15:44:00	1.7	0.9	-0.8	0.00	0.01	0.01	0.9	SE
1/8/2024 15:45:00	1.7	0.9	-0.8	0.00	0.01	0.01	0.9	N
1/8/2024 15:46:00	1.6	0.9	-0.7	0.00	0.01	0.01	0.9	NE
1/8/2024 15:47:00	1.6	0.9	-0.6	0.00	0.01	0.01	0.9	NE
1/8/2024 15:48:00	1.4	1.0	-0.3	0.00	0.01	0.01	0.9	NW
1/8/2024 15:49:00	1.4	0.8	-0.7	0.00	0.01	0.01	0.9	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
1/8/2024 15:50:00	1.4	0.8	-0.7	0.00	0.01	0.01	0.9	E
1/8/2024 15:51:00	1.4	0.8	-0.6	0.00	0.01	0.01	0.9	W
1/8/2024 15:52:00	1.4	0.8	-0.6	0.00	0.01	0.01	0.9	E
1/8/2024 15:53:00	1.3	0.9	-0.4	0.00	0.01	0.01	1.0	W
1/8/2024 15:54:00	1.3	0.9	-0.4	0.00	0.01	0.01	0.9	S
1/8/2024 15:55:00	1.5	0.8	-0.7	0.00	0.01	0.01	0.9	ESE
1/8/2024 15:56:00	1.5	0.8	-0.7	0.00	0.01	0.01	0.9	ENE
1/8/2024 15:57:00	1.5	0.8	-0.7	0.00	0.01	0.01	0.9	NE
1/8/2024 15:58:00	1.4	0.9	-0.4	0.00	0.01	0.01	0.8	SSW
1/8/2024 15:59:00	1.5	0.7	-0.8	0.00	0.01	0.01	0.8	NNE
1/8/2024 16:00:00	1.5	0.7	-0.8	0.00	0.01	0.00	0.8	ENE
1/8/2024 16:01:00	1.4	0.8	-0.6	0.00	0.01	0.00	0.8	WNW
1/8/2024 16:02:00	1.4	0.8	-0.6	0.00	0.00	0.00	0.8	SE
1/8/2024 16:03:00	1.7	0.7	-1.0	0.00	0.00	0.00	0.8	E
1/8/2024 16:04:00	1.8	0.7	-1.1	0.00	0.00	0.00	0.8	E
1/8/2024 16:05:00	1.6	1.1	-0.5	0.00	0.00	0.00	0.8	SSE
1/8/2024 16:06:00	1.6	1.4	-0.2	0.00	0.00	0.00	0.8	W
1/8/2024 16:07:00	1.5	1.8	0.4	0.00	0.00	0.00	0.8	WSW
1/8/2024 16:08:00	1.5	1.9	0.5	0.00	0.00	0.00	0.7	WNW
1/8/2024 16:09:00	1.6	1.8	0.2	0.00	0.00	0.00	0.7	E