

DAILY FIELD REPORT 157

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	January 2, 2024
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 4:00 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Emily Rodriguez (Environmental) TJ Malgieri (Environmental)
Construction Manager: Consigli Construction Co., Inc. (Consigli)	
Foundation Contractor: Urban Foundation/Engineering (Urban)	

Work Activities Performed:

- Urban excavated an approximate area of 5-feet-long by 5-feet-wide from about 20 to 25 feet below ground surface (bgs) in south central part of waste characterization grid WC03 (WC03_20-25). The material was stockpiled in the existing stockpile located in WC02 for future off-site disposal.
- Urban used a jackhammer to remove concrete from existing caissons in the south-central part of waste characterization grid WC03.
- Urban excavated an approximate area of 10-feet-long by 3-feet-wide to about 5 feet below ground surface in the southwest part of waste characterization grid WC04 to facilitate equipment mobilization and capture water from drilling activity. The material was temporarily stockpiled adjacent to the excavation area (WC04_0-5).
- Urban used a jackhammer to remove the former foundation in the southwest part of waste characterization grid WC04.
- Urban advanced a caisson casing in the southwest part of waste characterization 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	249	4,980	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>	
Location	<i>Staten Island, NY</i>		<i>Staten Island, NY</i>	
Type of Material	<i>ASTM #57 0.75-inch Stone</i>		<i>ASTM #2 2.5-inch Stone</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	0	-	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	4	80	3	60

Samples Collected:

- No samples were collected.

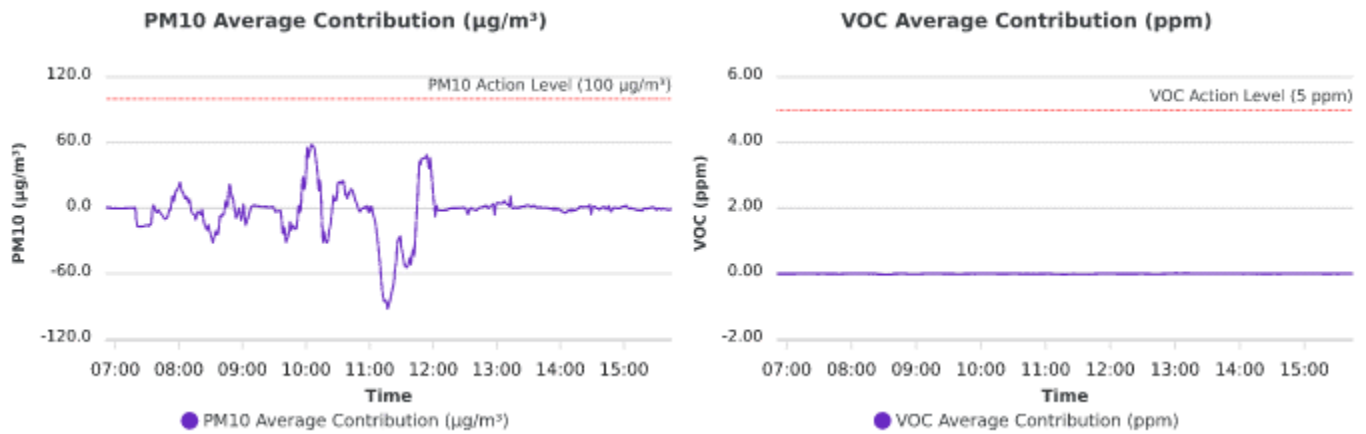
Air Monitoring:

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 $\mu\text{g}/\text{m}^3$ 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 $\mu\text{g}/\text{m}^3$ or 5 ppm, respectively, on this day.

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)		Organic Vapor Monitoring (ppm)	
Daily Background	2.0	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-92.1	VOC Average Site Contribution (Minimum)	-0.03
PM10 Average Site Contribution (Maximum)	58.2	VOC Average Site Contribution (Maximum)	0.01

$\mu\text{g}/\text{m}^3$: micrograms per cubic meter.

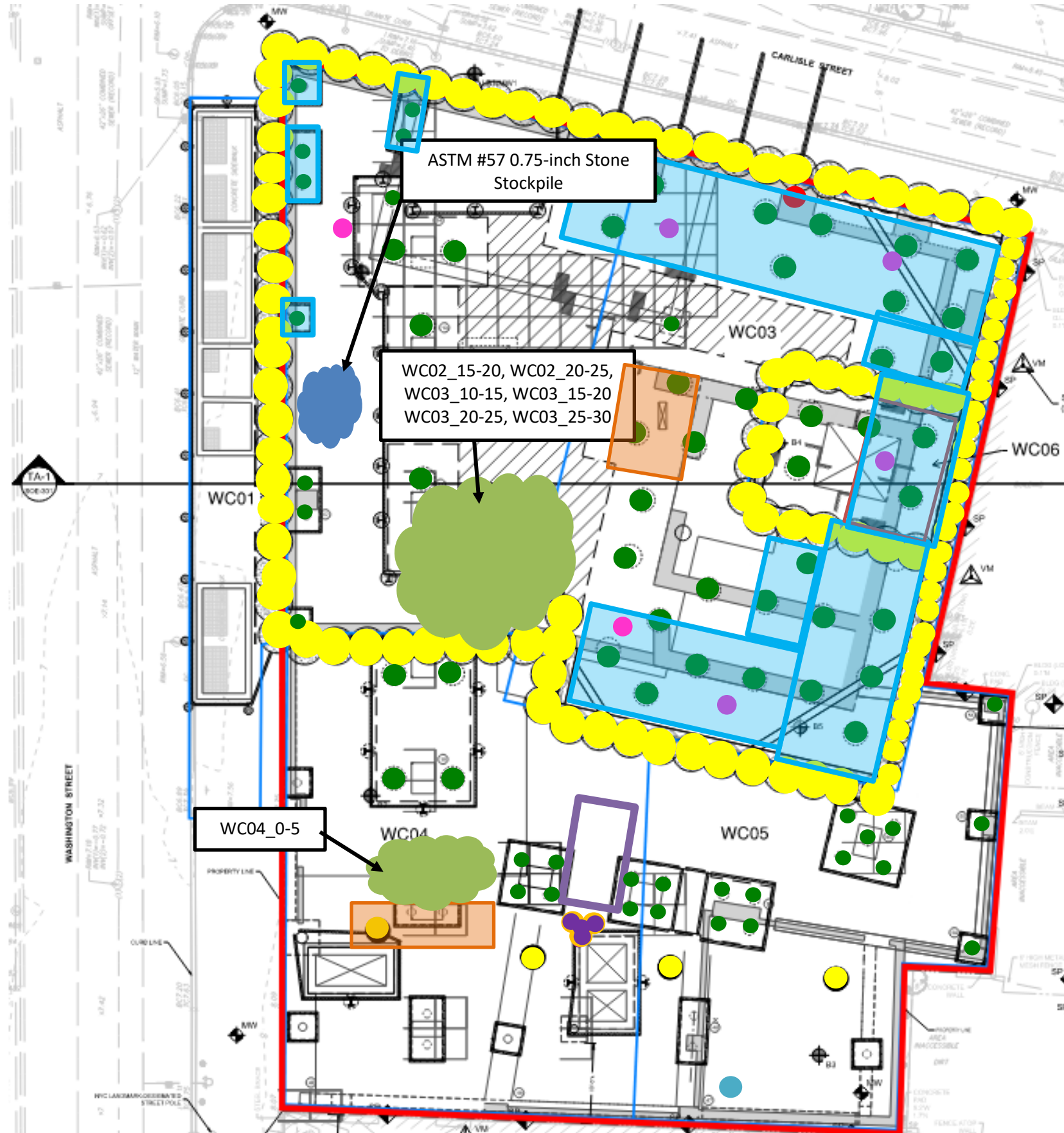
ppm: parts per million.



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 excavating in the south-central part of WC03_20-25.



Photo 2: Urban jackhammering the former foundation in the southwest part of WC04 to prepare for the installation of caisson casing.



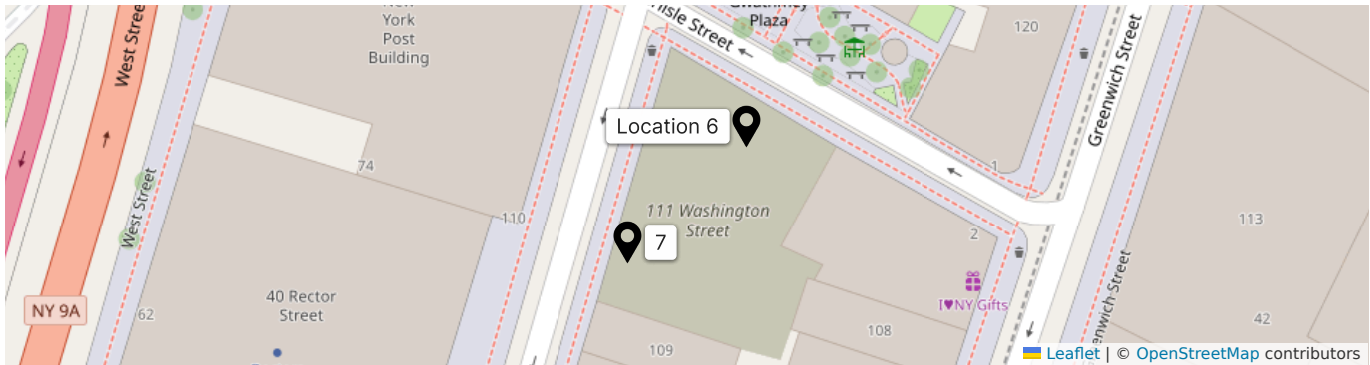
Photo 3: View of the site entrance/exit on the corner of Carlisle Street and Washington Street at the end of the workday (facing southeast).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	1/2/2024 06:00
		To:	1/2/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

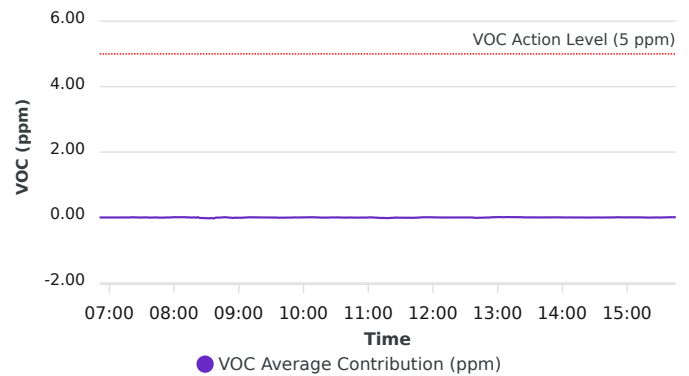
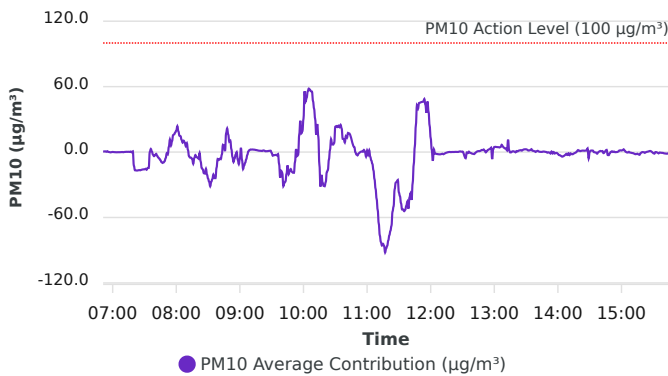
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
1/2/2024	0.3-2.4	NW

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/2/2024	-92.1	11:17	-0.03	08:37
Max Contribution (15 min avg.) - 1/2/2024	58.2	10:05	0.01	13:01

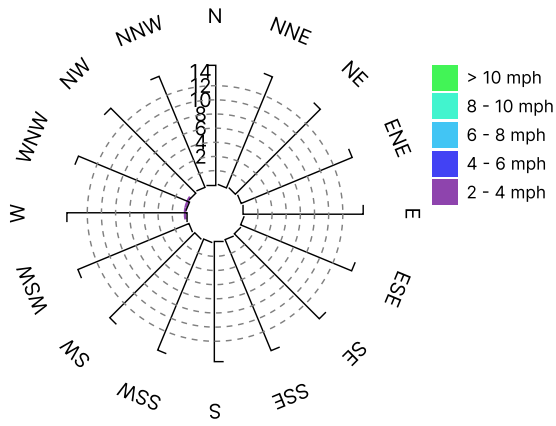


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
1/2/2024 06:51:00	2.0	2.4	0.4	0.00	0.00	0.00	0.9	SE
1/2/2024 06:52:00	2.0	2.6	0.6	0.00	0.00	0.00	1.1	SE
1/2/2024 06:53:00	2.1	2.8	0.6	0.00	0.00	0.00	1.3	ESE
1/2/2024 06:54:00	2.7	3.0	0.3	0.00	0.00	0.00	1.1	ESE
1/2/2024 06:55:00	2.9	3.6	0.8	0.00	0.00	0.00	1.1	SE
1/2/2024 06:56:00	3.3	3.4	0.1	0.00	0.00	0.00	1.1	W
1/2/2024 06:57:00	3.3	3.2	-0.1	0.00	0.00	0.00	1.1	SSE
1/2/2024 06:58:00	3.3	3.0	-0.3	0.00	0.00	0.00	1.1	SSE
1/2/2024 06:59:00	3.1	3.0	-0.1	0.00	0.00	0.00	1.1	ESE
1/2/2024 07:00:00	2.9	3.0	0.1	0.00	0.00	0.00	1.0	E
1/2/2024 07:01:00	2.9	2.8	0.0	0.00	0.00	0.00	1.0	W
1/2/2024 07:02:00	2.8	2.7	-0.1	0.00	0.00	0.00	1.0	WNW
1/2/2024 07:03:00	2.7	2.6	-0.2	0.00	0.00	0.00	1.0	SSE
1/2/2024 07:04:00	2.7	2.5	-0.2	0.00	0.00	0.00	1.1	WNW
1/2/2024 07:05:00	2.5	2.4	-0.1	0.00	0.00	0.00	1.1	N
1/2/2024 07:06:00	2.6	2.4	-0.2	0.00	0.00	0.00	1.0	E
1/2/2024 07:07:00	2.5	2.4	-0.1	0.00	0.00	0.00	1.0	E
1/2/2024 07:08:00	2.5	2.4	-0.1	0.00	0.00	0.00	1.0	SE
1/2/2024 07:09:00	2.3	2.3	0.0	0.00	0.00	0.00	1.0	SE
1/2/2024 07:10:00	2.2	2.1	-0.1	0.00	0.00	0.00	1.1	W
1/2/2024 07:11:00	2.0	2.1	0.1	0.00	0.00	0.00	1.1	W
1/2/2024 07:12:00	2.0	2.1	0.1	0.00	0.00	0.00	1.1	NW
1/2/2024 07:13:00	1.9	2.2	0.2	0.00	0.00	0.00	1.1	WSW
1/2/2024 07:14:00	2.0	2.2	0.2	0.00	0.00	0.00	1.2	E
1/2/2024 07:15:00	2.0	2.3	0.3	0.00	0.00	0.00	1.2	E
1/2/2024 07:16:00	2.2	2.4	0.1	0.00	0.00	0.00	1.3	SW
1/2/2024 07:17:00	2.2	2.6	0.4	0.00	0.00	0.00	1.2	E
1/2/2024 07:18:00	3.1	2.8	-0.3	0.00	0.00	0.00	1.3	ESE
1/2/2024 07:19:00	3.1	3.8	0.7	0.00	0.00	0.00	1.3	SSW
1/2/2024 07:20:00	16.8	4.2	-12.6	0.00	0.01	0.00	1.3	S
1/2/2024 07:21:00	21.3	4.7	-16.7	0.00	0.01	0.01	1.3	WSW
1/2/2024 07:22:00	22.0	5.2	-16.8	0.01	0.01	0.01	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
1/2/2024 07:23:00	22.6	5.6	-17.0	0.01	0.01	0.01	1.3	W
1/2/2024 07:24:00	22.8	6.1	-16.8	0.01	0.01	0.00	1.3	W
1/2/2024 07:25:00	23.0	6.5	-16.5	0.01	0.01	0.00	1.3	W
1/2/2024 07:26:00	23.3	6.5	-16.7	0.01	0.01	0.00	1.2	SE
1/2/2024 07:27:00	23.3	7.0	-16.3	0.01	0.01	0.00	1.2	SSW
1/2/2024 07:28:00	23.4	7.4	-16.0	0.01	0.01	0.00	1.2	SSW
1/2/2024 07:29:00	23.6	7.8	-15.9	0.01	0.01	0.00	1.2	WNW
1/2/2024 07:30:00	23.7	7.9	-15.8	0.01	0.01	0.00	1.2	ESE
1/2/2024 07:31:00	23.6	8.2	-15.4	0.01	0.01	0.00	1.1	ESE
1/2/2024 07:32:00	24.1	7.9	-16.2	0.01	0.01	0.00	1.1	WNW
1/2/2024 07:33:00	23.3	8.7	-14.6	0.01	0.02	0.00	1.1	N
1/2/2024 07:34:00	23.3	8.8	-14.5	0.01	0.02	0.00	1.1	N
1/2/2024 07:35:00	9.8	9.9	0.1	0.01	0.01	0.00	1.1	ENE
1/2/2024 07:36:00	6.6	9.4	2.8	0.01	0.01	0.00	1.2	W
1/2/2024 07:37:00	8.4	8.8	0.4	0.01	0.01	0.00	1.2	WNW
1/2/2024 07:38:00	10.8	8.4	-2.4	0.01	0.01	0.00	1.2	WSW
1/2/2024 07:39:00	11.7	7.9	-3.8	0.01	0.01	0.00	1.2	SW
1/2/2024 07:40:00	11.5	8.6	-2.9	0.01	0.01	0.00	1.1	N
1/2/2024 07:41:00	11.9	10.2	-1.7	0.01	0.01	0.00	1.1	ESE
1/2/2024 07:42:00	14.0	10.5	-3.5	0.01	0.01	0.00	1.1	W
1/2/2024 07:43:00	15.2	10.2	-5.0	0.01	0.01	0.00	1.1	S
1/2/2024 07:44:00	15.8	9.8	-6.0	0.01	0.01	0.00	1.1	W
1/2/2024 07:45:00	17.0	9.6	-7.4	0.01	0.01	0.00	1.1	WNW
1/2/2024 07:46:00	18.7	9.6	-9.1	0.01	0.01	0.00	1.2	W
1/2/2024 07:47:00	19.8	9.8	-10.0	0.01	0.01	0.00	1.1	WNW
1/2/2024 07:48:00	19.8	10.2	-9.6	0.01	0.01	-0.01	1.1	E
1/2/2024 07:49:00	19.7	11.3	-8.4	0.01	0.01	-0.01	1.2	N
1/2/2024 07:50:00	19.6	14.0	-5.6	0.01	0.01	-0.01	1.1	ESE
1/2/2024 07:51:00	18.2	17.0	-1.1	0.01	0.01	0.00	1.1	NE
1/2/2024 07:52:00	19.0	17.0	-2.0	0.01	0.01	0.00	1.0	NW
1/2/2024 07:53:00	16.2	21.1	4.9	0.01	0.01	0.00	1.0	ESE
1/2/2024 07:54:00	15.1	26.6	11.6	0.01	0.01	0.00	1.0	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
1/2/2024 07:55:00	19.5	25.5	6.0	0.01	0.01	0.00	1.1	W
1/2/2024 07:56:00	18.9	28.9	10.0	0.01	0.01	0.00	1.1	ESE
1/2/2024 07:57:00	16.6	32.2	15.5	0.01	0.01	0.00	1.1	ENE
1/2/2024 07:58:00	15.8	32.0	16.3	0.01	0.01	0.00	1.1	W
1/2/2024 07:59:00	14.9	32.9	18.0	0.01	0.01	0.01	1.1	E
1/2/2024 08:00:00	13.6	33.3	19.7	0.01	0.01	0.01	1.1	N
1/2/2024 08:01:00	11.8	35.5	23.7	0.01	0.01	0.01	1.0	ESE
1/2/2024 08:02:00	16.4	35.3	18.9	0.01	0.01	0.01	1.0	WSW
1/2/2024 08:03:00	19.0	34.0	15.0	0.01	0.01	0.01	1.0	WSW
1/2/2024 08:04:00	19.0	33.6	14.6	0.01	0.01	0.01	1.1	ESE
1/2/2024 08:05:00	19.0	30.2	11.2	0.01	0.01	0.01	1.1	SE
1/2/2024 08:06:00	19.2	27.8	8.6	0.01	0.01	0.01	1.1	SE
1/2/2024 08:07:00	17.5	27.9	10.4	0.01	0.01	0.01	1.1	WSW
1/2/2024 08:08:00	17.5	26.2	8.7	0.01	0.01	0.01	1.1	E
1/2/2024 08:09:00	17.5	22.8	5.3	0.01	0.02	0.01	1.1	ENE
1/2/2024 08:10:00	14.7	22.8	8.2	0.01	0.02	0.01	1.1	SW
1/2/2024 08:11:00	15.9	17.8	1.9	0.01	0.01	0.01	1.1	SSE
1/2/2024 08:12:00	17.6	13.7	-3.9	0.01	0.01	0.00	1.1	WNW
1/2/2024 08:13:00	18.8	13.7	-5.1	0.01	0.01	0.00	1.1	WSW
1/2/2024 08:14:00	18.8	13.6	-5.2	0.01	0.01	0.00	1.1	NE
1/2/2024 08:15:00	19.6	13.2	-6.4	0.01	0.01	0.00	1.1	SW
1/2/2024 08:16:00	21.4	10.7	-10.8	0.01	0.01	0.00	1.1	SSE
1/2/2024 08:17:00	16.2	10.8	-5.5	0.01	0.01	0.00	1.0	W
1/2/2024 08:18:00	13.6	10.8	-2.8	0.01	0.01	0.00	1.0	NE
1/2/2024 08:19:00	13.6	9.3	-4.3	0.01	0.01	0.00	1.0	ENE
1/2/2024 08:20:00	13.7	8.5	-5.2	0.01	0.01	0.00	1.0	ENE
1/2/2024 08:21:00	14.1	8.1	-6.0	0.01	0.01	0.00	1.0	S
1/2/2024 08:22:00	12.5	11.6	-0.9	0.01	0.01	0.01	0.9	NNW
1/2/2024 08:23:00	17.9	9.2	-8.7	0.02	0.01	-0.01	0.9	WNW
1/2/2024 08:24:00	21.7	7.0	-14.7	0.03	0.01	-0.01	0.9	NW
1/2/2024 08:25:00	22.9	7.0	-15.9	0.03	0.01	-0.02	1.0	WNW
1/2/2024 08:26:00	26.3	6.8	-19.4	0.03	0.01	-0.02	1.0	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
1/2/2024 08:27:00	26.6	6.9	-19.7	0.03	0.01	-0.02	1.0	WNW
1/2/2024 08:28:00	24.9	9.6	-15.3	0.03	0.01	-0.02	1.0	NNE
1/2/2024 08:29:00	29.5	8.7	-20.8	0.04	0.01	-0.02	1.0	W
1/2/2024 08:30:00	33.1	8.8	-24.4	0.04	0.01	-0.02	1.1	WNW
1/2/2024 08:31:00	36.0	8.7	-27.3	0.04	0.01	-0.02	1.2	W
1/2/2024 08:32:00	40.1	8.7	-31.4	0.04	0.01	-0.03	1.2	WNW
1/2/2024 08:33:00	40.2	13.0	-27.3	0.04	0.02	-0.02	1.2	NNW
1/2/2024 08:34:00	40.2	15.4	-24.8	0.04	0.02	-0.02	1.3	ENE
1/2/2024 08:35:00	40.1	19.5	-20.6	0.04	0.02	-0.02	1.3	ESE
1/2/2024 08:36:00	43.2	19.3	-23.9	0.04	0.02	-0.02	1.3	W
1/2/2024 08:37:00	43.2	19.3	-23.9	0.04	0.01	-0.03	1.3	NE
1/2/2024 08:38:00	37.8	23.5	-14.3	0.03	0.01	-0.01	1.3	E
1/2/2024 08:39:00	34.1	27.5	-6.6	0.02	0.02	0.00	1.2	E
1/2/2024 08:40:00	34.9	27.6	-7.3	0.02	0.02	0.00	1.2	SSW
1/2/2024 08:41:00	33.8	27.7	-6.1	0.02	0.02	0.00	1.2	SSW
1/2/2024 08:42:00	34.2	27.7	-6.5	0.02	0.02	0.00	1.2	W
1/2/2024 08:43:00	34.2	32.0	-2.2	0.02	0.02	0.00	1.3	ESE
1/2/2024 08:44:00	29.7	36.3	6.6	0.02	0.02	0.00	1.2	ESE
1/2/2024 08:45:00	30.4	36.4	6.0	0.02	0.02	0.00	1.2	W
1/2/2024 08:46:00	35.7	36.5	0.9	0.02	0.02	0.00	1.1	W
1/2/2024 08:47:00	30.7	48.0	17.3	0.01	0.02	0.01	1.1	ENE
1/2/2024 08:48:00	30.7	52.4	21.7	0.01	0.02	0.01	1.1	SE
1/2/2024 08:49:00	33.9	50.0	16.1	0.02	0.02	0.00	1.1	W
1/2/2024 08:50:00	36.2	45.8	9.5	0.02	0.02	0.00	1.2	SW
1/2/2024 08:51:00	35.4	45.8	10.4	0.02	0.02	0.00	1.2	SSE
1/2/2024 08:52:00	39.7	42.3	2.6	0.02	0.01	-0.01	1.2	W
1/2/2024 08:53:00	42.8	38.2	-4.6	0.02	0.01	-0.01	1.2	WNW
1/2/2024 08:54:00	43.5	34.3	-9.2	0.02	0.01	-0.01	1.2	WSW
1/2/2024 08:55:00	40.2	34.3	-5.9	0.02	0.01	-0.01	1.2	NW
1/2/2024 08:56:00	36.7	34.4	-2.3	0.02	0.01	-0.01	1.2	ESE
1/2/2024 08:57:00	34.6	34.6	0.0	0.02	0.01	-0.01	1.2	WNW
1/2/2024 08:58:00	35.0	27.8	-7.1	0.02	0.01	-0.01	1.2	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/2/2024 08:59:00	35.0	23.9	-11.1	0.02	0.01	-0.01	1.2	N
1/2/2024 09:00:00	30.1	24.4	-5.8	0.01	0.01	-0.01	1.1	ENE
1/2/2024 09:01:00	20.7	24.6	3.9	0.01	0.01	-0.01	1.2	W
1/2/2024 09:02:00	21.0	13.7	-7.3	0.01	0.01	-0.01	1.2	NE
1/2/2024 09:03:00	20.9	5.3	-15.6	0.01	0.01	-0.01	1.2	E
1/2/2024 09:04:00	17.9	5.6	-12.3	0.01	0.01	-0.01	1.1	ESE
1/2/2024 09:05:00	15.8	6.0	-9.8	0.01	0.01	0.00	1.0	ENE
1/2/2024 09:06:00	13.0	6.4	-6.6	0.01	0.01	0.00	1.0	ESE
1/2/2024 09:07:00	9.0	6.3	-2.6	0.01	0.01	0.00	1.0	WNW
1/2/2024 09:08:00	5.9	6.6	0.6	0.01	0.01	0.00	1.0	E
1/2/2024 09:09:00	5.2	6.9	1.8	0.00	0.01	0.01	1.0	SE
1/2/2024 09:10:00	4.9	7.2	2.3	0.00	0.01	0.01	1.0	ESE
1/2/2024 09:11:00	5.1	7.3	2.3	0.00	0.01	0.01	1.0	ESE
1/2/2024 09:12:00	5.2	7.6	2.4	0.00	0.01	0.01	1.0	WSW
1/2/2024 09:13:00	5.4	7.6	2.2	0.00	0.01	0.00	1.0	WSW
1/2/2024 09:14:00	5.4	7.6	2.1	0.00	0.01	0.01	1.0	E
1/2/2024 09:15:00	5.4	7.3	1.9	0.00	0.01	0.00	1.0	SE
1/2/2024 09:16:00	5.1	6.8	1.7	0.00	0.01	0.01	0.9	SSW
1/2/2024 09:17:00	4.9	6.4	1.5	0.00	0.01	0.00	0.9	SSE
1/2/2024 09:18:00	4.9	6.2	1.3	0.00	0.01	0.00	0.9	E
1/2/2024 09:19:00	4.7	5.9	1.2	0.00	0.01	0.00	0.9	E
1/2/2024 09:20:00	4.6	5.8	1.1	0.00	0.00	0.00	0.9	ESE
1/2/2024 09:21:00	4.6	5.6	1.0	0.00	0.00	0.00	0.9	ESE
1/2/2024 09:22:00	4.3	5.8	1.5	0.00	0.00	0.00	0.9	ESE
1/2/2024 09:23:00	4.3	5.7	1.4	0.00	0.00	0.00	0.9	ESE
1/2/2024 09:24:00	4.5	5.3	0.8	0.00	0.00	0.00	1.0	WNW
1/2/2024 09:25:00	4.3	5.1	0.8	0.00	0.00	0.00	1.0	SE
1/2/2024 09:26:00	4.1	5.0	0.8	0.00	0.00	0.00	1.0	E
1/2/2024 09:27:00	3.7	4.7	1.0	0.00	0.00	0.00	1.1	SE
1/2/2024 09:28:00	3.4	4.5	1.1	0.00	0.00	0.00	1.0	S
1/2/2024 09:29:00	3.3	4.5	1.2	0.00	0.00	0.00	1.0	ESE
1/2/2024 09:30:00	5.1	4.3	-0.8	0.00	0.00	0.00	1.0	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/2/2024 09:31:00	7.6	4.3	-3.3	0.00	0.00	0.00	1.0	WNW
1/2/2024 09:32:00	7.4	4.5	-2.9	0.00	0.00	0.00	1.0	ESE
1/2/2024 09:33:00	7.3	4.6	-2.8	0.00	0.00	0.00	1.0	ESE
1/2/2024 09:34:00	7.3	4.8	-2.5	0.00	0.00	0.00	1.0	E
1/2/2024 09:35:00	7.7	4.6	-3.1	0.00	0.00	0.00	1.0	NW
1/2/2024 09:36:00	7.7	5.8	-1.8	0.01	0.00	-0.01	1.0	ENE
1/2/2024 09:37:00	16.6	5.6	-11.0	0.01	0.00	-0.01	1.0	WNW
1/2/2024 09:38:00	28.9	5.4	-23.5	0.01	0.00	-0.01	1.0	WSW
1/2/2024 09:39:00	28.8	11.5	-17.3	0.01	0.00	-0.01	1.0	E
1/2/2024 09:40:00	30.6	11.3	-19.3	0.01	0.00	-0.01	1.0	W
1/2/2024 09:41:00	42.5	11.2	-31.3	0.01	0.00	-0.01	0.9	NW
1/2/2024 09:42:00	42.5	14.3	-28.2	0.01	0.00	-0.01	0.9	SE
1/2/2024 09:43:00	42.2	15.2	-27.0	0.01	0.00	-0.01	0.9	ESE
1/2/2024 09:44:00	42.2	22.3	-19.9	0.01	0.01	0.00	0.9	NE
1/2/2024 09:45:00	40.4	28.2	-12.2	0.01	0.01	0.00	0.9	E
1/2/2024 09:46:00	48.6	28.2	-20.4	0.01	0.01	0.00	0.9	W
1/2/2024 09:47:00	48.6	31.2	-17.4	0.01	0.01	0.00	0.8	ENE
1/2/2024 09:48:00	48.6	32.9	-15.6	0.01	0.01	0.00	0.9	ENE
1/2/2024 09:49:00	50.6	32.6	-18.1	0.01	0.01	0.00	0.9	WSW
1/2/2024 09:50:00	51.5	32.6	-18.9	0.01	0.01	0.00	0.9	WNW
1/2/2024 09:51:00	51.5	32.5	-19.0	0.01	0.01	0.00	0.9	N
1/2/2024 09:52:00	42.6	33.5	-9.0	0.00	0.01	0.00	0.9	NE
1/2/2024 09:53:00	30.9	33.6	2.7	0.01	0.01	0.00	0.9	W
1/2/2024 09:54:00	31.3	27.6	-3.7	0.01	0.01	0.00	0.9	W
1/2/2024 09:55:00	30.0	27.7	-2.4	0.01	0.01	0.00	0.9	WNW
1/2/2024 09:56:00	18.3	34.4	16.1	0.01	0.01	0.00	0.9	N
1/2/2024 09:57:00	18.3	47.0	28.7	0.01	0.01	0.00	0.9	ESE
1/2/2024 09:58:00	28.8	45.9	17.2	0.01	0.01	0.00	0.9	WNW
1/2/2024 09:59:00	28.8	47.9	19.2	0.01	0.01	0.00	0.9	ESE
1/2/2024 10:00:00	28.8	59.2	30.4	0.01	0.01	0.00	0.9	ESE
1/2/2024 10:01:00	17.8	73.5	55.7	0.01	0.01	0.01	1.0	E
1/2/2024 10:02:00	24.0	70.3	46.3	0.01	0.01	0.00	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
1/2/2024 10:03:00	24.1	73.8	49.8	0.01	0.01	0.00	1.0	E
1/2/2024 10:04:00	22.0	77.6	55.6	0.01	0.01	0.01	1.0	E
1/2/2024 10:05:00	20.8	79.0	58.2	0.01	0.01	0.01	1.0	E
1/2/2024 10:06:00	20.9	78.1	57.3	0.01	0.01	0.01	1.0	SE
1/2/2024 10:07:00	21.4	77.1	55.8	0.01	0.01	0.01	1.0	W
1/2/2024 10:08:00	21.8	77.2	55.4	0.01	0.01	0.01	1.0	W
1/2/2024 10:09:00	30.6	77.3	46.6	0.01	0.01	0.01	1.0	WSW
1/2/2024 10:10:00	37.5	77.2	39.7	0.01	0.01	0.01	1.0	SSW
1/2/2024 10:11:00	40.0	70.5	30.4	0.01	0.01	0.00	1.1	W
1/2/2024 10:12:00	40.1	55.9	15.9	0.01	0.01	0.00	1.1	ENE
1/2/2024 10:13:00	30.3	55.9	25.6	0.01	0.01	0.00	1.1	W
1/2/2024 10:14:00	32.4	46.5	14.1	0.01	0.01	0.00	1.2	NW
1/2/2024 10:15:00	41.1	29.5	-11.6	0.01	0.01	0.00	1.2	WSW
1/2/2024 10:16:00	46.9	15.2	-31.7	0.01	0.01	0.00	1.2	NW
1/2/2024 10:17:00	40.7	19.8	-20.9	0.01	0.01	0.00	1.2	SE
1/2/2024 10:18:00	42.4	14.4	-28.0	0.01	0.01	0.00	1.2	SW
1/2/2024 10:19:00	42.4	11.4	-31.0	0.01	0.01	0.00	1.2	ESE
1/2/2024 10:20:00	42.5	11.1	-31.4	0.01	0.01	0.00	1.2	ESE
1/2/2024 10:21:00	42.5	15.0	-27.5	0.01	0.01	0.00	1.2	E
1/2/2024 10:22:00	42.1	23.7	-18.4	0.01	0.01	0.00	1.3	ESE
1/2/2024 10:23:00	41.1	24.6	-16.5	0.01	0.01	0.00	1.2	E
1/2/2024 10:24:00	32.0	25.2	-6.8	0.01	0.01	0.00	1.2	NNE
1/2/2024 10:25:00	24.7	26.7	2.0	0.01	0.01	0.00	1.2	ESE
1/2/2024 10:26:00	22.1	33.9	11.8	0.00	0.01	0.00	1.2	NE
1/2/2024 10:27:00	25.6	32.7	7.1	0.01	0.01	0.00	1.1	WSW
1/2/2024 10:28:00	25.9	32.7	6.8	0.00	0.01	0.00	1.1	WSW
1/2/2024 10:29:00	24.3	32.7	8.4	0.00	0.01	0.00	1.1	WNW
1/2/2024 10:30:00	15.7	38.9	23.2	0.00	0.01	0.00	1.1	N
1/2/2024 10:31:00	15.0	38.9	23.9	0.00	0.01	0.00	1.0	W
1/2/2024 10:32:00	15.3	38.2	22.9	0.00	0.00	0.00	1.0	SE
1/2/2024 10:33:00	14.2	38.4	24.2	0.00	0.00	0.00	1.0	W
1/2/2024 10:34:00	14.9	37.6	22.7	0.00	0.00	0.00	1.0	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/2/2024 10:35:00	14.8	39.8	25.0	0.00	0.00	0.00	0.9	E
1/2/2024 10:36:00	14.8	36.5	21.7	0.00	0.00	0.00	0.9	E
1/2/2024 10:37:00	15.8	27.9	12.1	0.00	0.00	0.00	1.0	WSW
1/2/2024 10:38:00	15.8	27.8	11.9	0.01	0.00	0.00	1.0	N
1/2/2024 10:39:00	18.4	27.1	8.8	0.01	0.00	0.00	1.0	WNW
1/2/2024 10:40:00	18.3	33.0	14.8	0.01	0.00	0.00	1.0	E
1/2/2024 10:41:00	18.3	31.3	13.0	0.01	0.00	0.00	1.0	E
1/2/2024 10:42:00	14.8	32.4	17.5	0.00	0.00	0.00	1.0	NNW
1/2/2024 10:43:00	15.2	32.3	17.1	0.01	0.00	0.00	0.9	NW
1/2/2024 10:44:00				0.01	0.00	0.00	0.9	WSW
1/2/2024 10:45:00				0.01	0.00	0.00	0.9	WNW
1/2/2024 10:46:00				0.01	0.00	0.00	1.0	W
1/2/2024 10:47:00				0.01	0.00	-0.01	1.0	W
1/2/2024 10:48:00	3.8	8.2	4.5	0.01	0.01	0.00	1.0	E
1/2/2024 10:49:00	6.0	5.7	-0.3	0.01	0.01	0.00	1.0	SSE
1/2/2024 10:50:00	7.3	5.0	-2.4	0.01	0.01	0.00	1.1	SSE
1/2/2024 10:51:00	7.6	4.6	-3.1	0.01	0.01	-0.01	1.1	WNW
1/2/2024 10:52:00	6.8	5.4	-1.3	0.01	0.01	0.00	1.0	SE
1/2/2024 10:53:00	6.3	5.8	-0.5	0.01	0.01	0.00	1.0	E
1/2/2024 10:54:00	5.8	6.0	0.3	0.01	0.01	0.00	1.0	NNE
1/2/2024 10:55:00	5.5	6.0	0.6	0.01	0.01	0.00	1.1	E
1/2/2024 10:56:00	5.6	5.9	0.3	0.01	0.01	0.00	1.0	SSE
1/2/2024 10:57:00	5.6	7.5	1.9	0.01	0.00	0.00	1.1	NNW
1/2/2024 10:58:00	7.0	7.1	0.1	0.01	0.00	0.00	1.1	NW
1/2/2024 10:59:00	11.0	6.8	-4.2	0.01	0.00	0.00	1.0	WNW
1/2/2024 11:00:00	10.3	11.9	1.6	0.01	0.01	0.00	1.0	NW
1/2/2024 11:01:00	13.9	11.2	-2.7	0.01	0.01	0.00	1.0	WNW
1/2/2024 11:02:00	13.2	14.8	1.6	0.01	0.01	0.01	1.0	ENE
1/2/2024 11:03:00	18.8	14.4	-4.4	0.01	0.01	0.00	1.1	WNW
1/2/2024 11:04:00	22.1	14.4	-7.7	0.01	0.01	0.00	1.1	WNW
1/2/2024 11:05:00	25.2	14.4	-10.8	0.01	0.01	0.00	1.1	WNW
1/2/2024 11:06:00	31.2	14.4	-16.7	0.02	0.01	0.00	1.1	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/2/2024 11:07:00	39.0	14.1	-24.9	0.02	0.01	-0.01	1.1	W
1/2/2024 11:08:00	47.6	13.9	-33.7	0.02	0.01	-0.01	1.2	W
1/2/2024 11:09:00	56.8	13.9	-43.0	0.02	0.01	-0.01	1.2	W
1/2/2024 11:10:00	66.8	13.8	-53.1	0.02	0.01	-0.01	1.2	WNW
1/2/2024 11:11:00	79.3	13.8	-65.5	0.02	0.01	-0.01	1.3	WNW
1/2/2024 11:12:00	89.1	12.7	-76.5	0.03	0.01	-0.01	1.3	W
1/2/2024 11:13:00	95.4	12.9	-82.5	0.03	0.01	-0.01	1.3	W
1/2/2024 11:14:00	98.7	13.0	-85.7	0.02	0.01	-0.01	1.3	WNW
1/2/2024 11:15:00	98.8	14.6	-84.2	0.02	0.01	-0.02	1.4	E
1/2/2024 11:16:00	100.6	14.6	-86.0	0.02	0.01	-0.01	1.4	W
1/2/2024 11:17:00	102.6	10.5	-92.1	0.02	0.00	-0.02	1.4	W
1/2/2024 11:18:00	99.0	10.7	-88.3	0.02	0.00	-0.02	1.4	W
1/2/2024 11:19:00	96.9	10.9	-86.0	0.02	0.00	-0.02	1.4	W
1/2/2024 11:20:00	93.4	12.3	-81.0	0.02	0.00	-0.01	1.4	NNE
1/2/2024 11:21:00	88.6	12.3	-76.3	0.01	0.00	-0.01	1.4	NW
1/2/2024 11:22:00	84.5	12.2	-72.3	0.01	0.00	-0.01	1.4	SW
1/2/2024 11:23:00	79.8	12.1	-67.7	0.01	0.00	-0.01	1.3	WNW
1/2/2024 11:24:00	70.6	16.0	-54.5	0.01	0.00	-0.01	1.4	NNW
1/2/2024 11:25:00	65.8	15.9	-49.9	0.01	0.00	-0.01	1.4	W
1/2/2024 11:26:00	53.2	19.1	-34.1	0.01	0.01	0.00	1.3	NW
1/2/2024 11:27:00	47.0	19.0	-28.0	0.01	0.01	-0.01	1.3	WNW
1/2/2024 11:28:00	45.9	18.7	-27.2	0.02	0.01	-0.01	1.3	W
1/2/2024 11:29:00	44.2	18.6	-25.6	0.02	0.01	-0.01	1.3	W
1/2/2024 11:30:00	49.5	12.4	-37.1	0.02	0.01	-0.01	1.3	WNW
1/2/2024 11:31:00	52.8	12.4	-40.4	0.02	0.01	-0.01	1.3	WNW
1/2/2024 11:32:00	59.5	12.5	-47.0	0.02	0.01	-0.01	1.3	NW
1/2/2024 11:33:00	65.0	12.4	-52.6	0.02	0.01	-0.01	1.3	WNW
1/2/2024 11:34:00	64.8	12.2	-52.6	0.02	0.01	-0.01	1.2	WNW
1/2/2024 11:35:00	65.0	10.8	-54.2	0.02	0.01	-0.01	1.3	WNW
1/2/2024 11:36:00	63.8	10.9	-52.9	0.02	0.01	-0.01	1.3	W
1/2/2024 11:37:00	60.3	11.1	-49.2	0.02	0.01	-0.01	1.3	WNW
1/2/2024 11:38:00	56.6	11.2	-45.4	0.02	0.01	-0.01	1.3	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/2/2024 11:39:00	59.0	7.2	-51.9	0.02	0.01	-0.01	1.3	NW
1/2/2024 11:40:00	53.8	12.2	-41.6	0.01	0.01	-0.01	1.3	ESE
1/2/2024 11:41:00	53.8	16.1	-37.7	0.01	0.00	-0.01	1.3	E
1/2/2024 11:42:00	59.9	16.1	-43.8	0.01	0.00	-0.01	1.3	NW
1/2/2024 11:43:00	53.6	25.2	-28.4	0.01	0.00	-0.01	1.2	N
1/2/2024 11:44:00	48.6	37.3	-11.3	0.01	0.00	-0.01	1.2	E
1/2/2024 11:45:00	43.4	48.4	5.0	0.01	0.00	-0.01	1.2	E
1/2/2024 11:46:00	34.7	59.2	24.5	0.01	0.00	0.00	1.1	E
1/2/2024 11:47:00	26.3	69.2	42.9	0.01	0.01	0.00	1.1	E
1/2/2024 11:48:00	29.8	69.4	39.6	0.01	0.01	0.00	1.1	SSW
1/2/2024 11:49:00	28.7	73.6	45.0	0.00	0.01	0.00	1.1	E
1/2/2024 11:50:00	28.6	74.0	45.3	0.00	0.01	0.01	1.1	NNE
1/2/2024 11:51:00	28.4	74.2	45.8	0.00	0.01	0.01	1.0	N
1/2/2024 11:52:00	28.1	74.2	46.0	0.00	0.01	0.01	1.0	ENE
1/2/2024 11:53:00	27.9	74.2	46.3	0.00	0.01	0.01	1.0	NNW
1/2/2024 11:54:00	25.5	74.1	48.7	0.00	0.01	0.01	1.0	E
1/2/2024 11:55:00	25.7	69.1	43.5	0.00	0.01	0.01	1.0	NW
1/2/2024 11:56:00	25.9	62.0	36.1	0.00	0.01	0.01	1.0	WNW
1/2/2024 11:57:00	16.0	62.3	46.4	0.00	0.01	0.01	1.0	SE
1/2/2024 11:58:00	16.5	53.2	36.7	0.00	0.01	0.01	1.0	WSW
1/2/2024 11:59:00	16.9	41.1	24.2	0.00	0.01	0.01	1.0	WNW
1/2/2024 12:00:00	17.1	30.0	12.8	0.00	0.01	0.01	1.1	W
1/2/2024 12:01:00	17.1	19.2	2.0	0.00	0.01	0.00	1.1	NW
1/2/2024 12:02:00	17.2	9.1	-8.0	0.00	0.00	0.00	1.1	W
1/2/2024 12:03:00	6.3	8.8	2.6	0.00	0.00	0.00	1.0	WNW
1/2/2024 12:04:00	6.0	4.6	-1.4	0.00	0.00	0.00	1.0	W
1/2/2024 12:05:00	5.8	4.2	-1.6	0.00	0.00	0.00	1.0	ENE
1/2/2024 12:06:00	5.6	3.8	-1.8	0.00	0.00	0.00	1.0	WNW
1/2/2024 12:07:00	5.6	3.6	-2.0	0.00	0.00	0.00	1.0	WNW
1/2/2024 12:08:00	5.5	3.4	-2.1	0.00	0.00	0.00	1.1	W
1/2/2024 12:09:00	5.5	3.4	-2.1	0.00	0.00	0.00	1.2	W
1/2/2024 12:10:00	5.2	3.4	-1.9	0.00	0.00	0.00	1.2	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/2/2024 12:11:00	5.0	3.4	-1.6	0.00	0.00	0.00	1.2	WNW
1/2/2024 12:12:00	5.0	3.0	-2.0	0.00	0.00	0.00	1.2	W
1/2/2024 12:13:00	4.6	3.1	-1.5	0.00	0.00	0.00	1.2	WNW
1/2/2024 12:14:00	4.1	3.3	-0.9	0.00	0.00	0.00	1.3	ESE
1/2/2024 12:15:00	3.8	3.3	-0.6	0.00	0.00	0.00	1.3	SW
1/2/2024 12:16:00	3.6	3.4	-0.2	0.00	0.00	0.00	1.3	N
1/2/2024 12:17:00	3.4	3.4	0.0	0.00	0.00	0.00	1.3	WSW
1/2/2024 12:18:00	3.3	3.5	0.1	0.00	0.00	0.00	1.3	WSW
1/2/2024 12:19:00	3.6	3.6	-0.1	0.00	0.00	0.00	1.3	E
1/2/2024 12:20:00	3.8	3.8	0.1	0.00	0.00	0.00	1.3	NE
1/2/2024 12:21:00	3.9	4.0	0.1	0.00	0.00	0.00	1.3	E
1/2/2024 12:22:00	4.2	4.2	0.0	0.00	0.00	0.00	1.3	E
1/2/2024 12:23:00	4.4	4.6	0.1	0.00	0.00	0.00	1.2	E
1/2/2024 12:24:00	4.6	4.7	0.2	0.00	0.00	0.00	1.1	ESE
1/2/2024 12:25:00	4.7	4.8	0.1	0.00	0.00	0.00	1.1	W
1/2/2024 12:26:00	4.8	4.9	0.1	0.00	0.00	0.00	1.1	WNW
1/2/2024 12:27:00	4.8	5.3	0.5	0.00	0.00	0.00	1.1	E
1/2/2024 12:28:00	4.9	5.5	0.6	0.00	0.00	0.00	1.1	W
1/2/2024 12:29:00	5.1	5.4	0.3	0.00	0.00	0.00	1.0	ESE
1/2/2024 12:30:00	5.2	5.6	0.5	0.00	0.00	0.00	1.0	NW
1/2/2024 12:31:00							1.0	NNE
1/2/2024 12:32:00							1.0	NE
1/2/2024 12:33:00	8.4	2.7	-5.7	0.00	0.00	0.00	1.0	WNW
1/2/2024 12:34:00	6.3	5.8	-0.5	0.00	0.00	0.00	1.1	SE
1/2/2024 12:35:00	7.5	6.5	-1.0	0.00	0.00	0.00	1.1	W
1/2/2024 12:36:00	7.7	8.1	0.4	0.00	0.00	0.00	1.1	NNE
1/2/2024 12:37:00	9.4	8.8	-0.6	0.00	0.00	0.00	1.1	NW
1/2/2024 12:38:00	10.2	9.3	-0.9	0.01	0.00	-0.01	1.1	SSW
1/2/2024 12:39:00	10.8	9.4	-1.4	0.01	0.00	-0.01	1.1	NW
1/2/2024 12:40:00	11.1	9.5	-1.6	0.01	0.00	-0.01	1.1	NW
1/2/2024 12:41:00	11.2	9.3	-1.9	0.01	0.00	-0.01	1.1	WNW
1/2/2024 12:42:00	10.7	9.8	-0.9	0.01	0.00	-0.01	1.1	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
1/2/2024 12:43:00	10.1	10.1	0.0	0.01	0.00	-0.01	1.1	ESE
1/2/2024 12:44:00	9.6	10.3	0.7	0.01	0.00	-0.01	1.1	E
1/2/2024 12:45:00	9.8	10.7	0.9	0.01	0.00	-0.01	1.1	W
1/2/2024 12:46:00	9.7	10.5	0.8	0.01	0.00	-0.01	1.1	WNW
1/2/2024 12:47:00	9.4	10.5	1.2	0.01	0.00	-0.01	1.1	ESE
1/2/2024 12:48:00	9.1	10.9	1.9	0.01	0.00	0.00	1.1	E
1/2/2024 12:49:00	9.0	10.8	1.8	0.01	0.01	0.00	1.0	E
1/2/2024 12:50:00	8.6	11.0	2.4	0.01	0.01	0.00	1.0	ESE
1/2/2024 12:51:00	9.2	10.4	1.1	0.01	0.01	0.00	1.0	WSW
1/2/2024 12:52:00	10.2	9.9	-0.3	0.01	0.01	0.00	1.0	NW
1/2/2024 12:53:00	9.6	10.4	0.9	0.00	0.01	0.00	1.0	ENE
1/2/2024 12:54:00	8.9	10.9	1.9	0.00	0.01	0.01	0.9	ENE
1/2/2024 12:55:00	8.3	10.7	2.5	0.00	0.01	0.01	0.9	ESE
1/2/2024 12:56:00	7.7	10.7	2.9	0.00	0.01	0.01	0.9	E
1/2/2024 12:57:00	7.6	11.7	4.0	0.00	0.01	0.01	0.9	E
1/2/2024 12:58:00	17.8	11.3	-6.5	0.00	0.01	0.01	0.9	NW
1/2/2024 12:59:00	17.8	20.6	2.8	0.00	0.01	0.01	0.8	ENE
1/2/2024 13:00:00	17.3	22.0	4.6	0.00	0.01	0.01	0.8	ESE
1/2/2024 13:01:00	17.4	22.2	4.8	0.00	0.02	0.01	0.9	SE
1/2/2024 13:02:00	17.6	22.2	4.6	0.00	0.01	0.01	0.8	ENE
1/2/2024 13:03:00	17.7	22.2	4.5	0.00	0.01	0.01	0.8	ENE
1/2/2024 13:04:00	17.9	22.3	4.5	0.00	0.01	0.01	0.8	E
1/2/2024 13:05:00	18.0	22.2	4.2	0.00	0.01	0.01	0.8	ENE
1/2/2024 13:06:00	17.5	22.2	4.7	0.00	0.01	0.01	0.8	WNW
1/2/2024 13:07:00	15.8	22.4	6.7	0.00	0.01	0.01	0.8	E
1/2/2024 13:08:00	16.7	21.8	5.2	0.00	0.01	0.01	0.8	ESE
1/2/2024 13:09:00	17.4	21.5	4.1	0.00	0.01	0.01	0.9	NE
1/2/2024 13:10:00	18.1	21.5	3.3	0.00	0.02	0.01	0.9	SE
1/2/2024 13:11:00	18.4	21.7	3.4	0.00	0.01	0.01	0.9	SE
1/2/2024 13:12:00	18.7	20.2	1.5	0.00	0.01	0.01	0.9	E
1/2/2024 13:13:00	8.6	19.9	11.4	0.00	0.01	0.01	0.9	ESE
1/2/2024 13:14:00	8.6	10.1	1.5	0.00	0.01	0.01	0.9	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
1/2/2024 13:15:00	8.6	8.3	-0.3	0.00	0.01	0.01	0.9	E
1/2/2024 13:16:00	8.3	8.1	-0.2	0.00	0.01	0.01	0.9	ESE
1/2/2024 13:17:00	8.3	8.9	0.7	0.00	0.01	0.01	0.9	ESE
1/2/2024 13:18:00	8.2	8.9	0.7	0.00	0.01	0.01	1.0	NNE
1/2/2024 13:19:00	8.2	8.6	0.4	0.00	0.01	0.01	1.0	W
1/2/2024 13:20:00	8.5	8.2	-0.2	0.00	0.01	0.01	1.1	WNW
1/2/2024 13:21:00	8.0	8.9	0.9	0.00	0.01	0.01	1.1	N
1/2/2024 13:22:00	8.1	8.7	0.6	0.00	0.01	0.01	1.1	WNW
1/2/2024 13:23:00	7.2	8.5	1.3	0.00	0.01	0.01	1.1	E
1/2/2024 13:24:00	6.6	8.1	1.6	0.00	0.01	0.01	1.1	ENE
1/2/2024 13:25:00	6.3	8.0	1.7	0.00	0.01	0.00	1.1	WNW
1/2/2024 13:26:00	6.4	7.7	1.3	0.00	0.01	0.00	1.0	WSW
1/2/2024 13:27:00	6.2	8.2	2.0	0.00	0.01	0.00	1.0	E
1/2/2024 13:28:00	6.3	8.7	2.5	0.00	0.01	0.00	1.0	E
1/2/2024 13:29:00	6.3	8.8	2.5	0.00	0.01	0.00	1.0	NE
1/2/2024 13:30:00	6.3	8.8	2.5	0.00	0.01	0.00	1.0	ESE
1/2/2024 13:31:00	6.5	8.7	2.2	0.00	0.01	0.00	1.0	E
1/2/2024 13:32:00	6.5	7.9	1.4	0.00	0.01	0.00	1.0	E
1/2/2024 13:33:00	6.5	8.0	1.5	0.00	0.01	0.00	0.9	NE
1/2/2024 13:34:00	6.5	8.3	1.8	0.00	0.01	0.00	0.9	E
1/2/2024 13:35:00	6.0	8.7	2.6	0.00	0.01	0.01	0.8	NNW
1/2/2024 13:36:00	6.7	8.0	1.2	0.00	0.01	0.00	0.8	NW
1/2/2024 13:37:00	6.7	7.8	1.1	0.00	0.01	0.00	0.9	WNW
1/2/2024 13:38:00	6.9	7.6	0.7	0.00	0.01	0.00	0.9	W
1/2/2024 13:39:00	7.3	7.5	0.1	0.00	0.01	0.00	1.0	WNW
1/2/2024 13:40:00	7.0	7.8	0.8	0.00	0.01	0.00	0.9	ESE
1/2/2024 13:41:00	6.7	7.9	1.1	0.00	0.01	0.00	0.9	ESE
1/2/2024 13:42:00	6.8	7.3	0.5	0.00	0.01	0.00	0.9	NW
1/2/2024 13:43:00	6.5	6.7	0.2	0.00	0.01	0.00	0.9	NW
1/2/2024 13:44:00	6.3	6.5	0.2	0.00	0.01	0.00	0.9	E
1/2/2024 13:45:00	6.3	6.4	0.1	0.00	0.01	0.00	0.9	ENE
1/2/2024 13:46:00	6.0	6.4	0.5	0.00	0.01	0.00	0.9	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
1/2/2024 13:47:00	5.8	6.2	0.4	0.00	0.01	0.00	0.9	ENE
1/2/2024 13:48:00	5.8	6.0	0.2	0.00	0.01	0.00	0.9	ESE
1/2/2024 13:49:00	5.7	5.8	0.1	0.00	0.01	0.00	0.9	NNW
1/2/2024 13:50:00	5.8	5.2	-0.6	0.00	0.01	0.00	0.9	E
1/2/2024 13:51:00	5.4	5.2	-0.2	0.00	0.01	0.00	0.9	ESE
1/2/2024 13:52:00	6.0	5.5	-0.5	0.00	0.01	0.01	0.8	W
1/2/2024 13:53:00	7.0	5.7	-1.3	0.00	0.01	0.01	0.7	WNW
1/2/2024 13:54:00	6.4	6.9	0.5	0.00	0.01	0.01	0.7	NNE
1/2/2024 13:55:00	7.8	6.5	-1.4	0.00	0.01	0.01	0.7	WNW
1/2/2024 13:56:00	7.9	8.0	0.0	0.00	0.01	0.01	0.6	ENE
1/2/2024 13:57:00	9.4	8.1	-1.4	0.00	0.01	0.01	0.7	S
1/2/2024 13:58:00	9.6	8.8	-0.8	0.00	0.01	0.00	0.7	ENE
1/2/2024 13:59:00	10.3	9.5	-0.8	0.00	0.00	0.00	0.7	W
1/2/2024 14:00:00	11.4	9.7	-1.7	0.00	0.00	0.00	0.7	ESE
1/2/2024 14:01:00	12.3	9.6	-2.7	0.00	0.00	0.00	0.7	ENE
1/2/2024 14:02:00	12.5	9.6	-3.0	0.00	0.00	0.00	0.7	E
1/2/2024 14:03:00	13.2	9.6	-3.6	0.00	0.00	0.00	0.8	SE
1/2/2024 14:04:00	14.0	9.8	-4.2	0.00	0.00	0.00	0.8	SE
1/2/2024 14:05:00	14.4	10.5	-3.9	0.00	0.00	0.00	0.8	NNW
1/2/2024 14:06:00	14.2	10.9	-3.3	0.00	0.00	0.00	0.8	ENE
1/2/2024 14:07:00	13.6	11.0	-2.5	0.00	0.00	0.00	0.8	ESE
1/2/2024 14:08:00	12.7	11.0	-1.6	0.00	0.00	0.00	0.8	S
1/2/2024 14:09:00	12.7	10.1	-2.6	0.00	0.00	0.00	0.8	SSW
1/2/2024 14:10:00	11.1	10.0	-1.1	0.00	0.00	0.00	0.9	WNW
1/2/2024 14:11:00	11.0	8.1	-2.8	0.00	0.00	0.00	0.8	NW
1/2/2024 14:12:00	9.3	8.1	-1.2	0.00	0.00	0.00	0.8	N
1/2/2024 14:13:00	9.3	7.4	-1.9	0.00	0.00	0.00	0.8	WSW
1/2/2024 14:14:00	8.7	6.7	-2.0	0.00	0.00	0.00	0.8	WNW
1/2/2024 14:15:00	7.6	6.3	-1.3	0.00	0.00	0.00	0.9	W
1/2/2024 14:16:00	7.0	6.2	-0.8	0.00	0.00	0.00	0.9	WNW
1/2/2024 14:17:00	6.8	6.5	-0.3	0.00	0.00	0.00	0.8	E
1/2/2024 14:18:00	6.1	6.7	0.7	0.00	0.00	0.00	0.8	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
1/2/2024 14:19:00	5.3	7.1	1.8	0.00	0.00	0.00	0.8	NW
1/2/2024 14:20:00	5.3	6.6	1.3	0.00	0.00	0.00	0.8	W
1/2/2024 14:21:00	5.8	6.6	0.9	0.00	0.00	0.00	0.8	W
1/2/2024 14:22:00	6.2	7.3	1.1	0.01	0.00	0.00	0.8	W
1/2/2024 14:23:00	6.3	7.6	1.3	0.00	0.00	0.00	0.8	W
1/2/2024 14:24:00	6.3	7.7	1.3	0.00	0.00	0.00	0.8	E
1/2/2024 14:25:00	6.5	7.7	1.2	0.00	0.00	0.00	0.8	ESE
1/2/2024 14:26:00	6.6	8.0	1.4	0.00	0.00	0.00	0.8	E
1/2/2024 14:27:00	6.7	8.1	1.4	0.00	0.00	0.00	0.8	E
1/2/2024 14:28:00	6.5	9.9	3.4	0.00	0.00	0.00	0.8	NE
1/2/2024 14:29:00	15.7	9.9	-5.8	0.00	0.00	0.00	0.8	WNW
1/2/2024 14:30:00	15.7	16.1	0.4	0.00	0.00	0.00	0.8	E
1/2/2024 14:31:00	15.4	16.7	1.3	0.00	0.00	0.00	0.7	ESE
1/2/2024 14:32:00	15.6	17.0	1.4	0.00	0.01	0.00	0.8	E
1/2/2024 14:33:00	15.8	17.1	1.3	0.00	0.01	0.00	0.8	E
1/2/2024 14:34:00	16.6	16.5	-0.1	0.00	0.00	0.00	0.8	W
1/2/2024 14:35:00	16.9	16.6	-0.3	0.01	0.00	0.00	0.8	WSW
1/2/2024 14:36:00	17.1	16.6	-0.5	0.01	0.00	0.00	0.8	W
1/2/2024 14:37:00	17.4	16.0	-1.5	0.01	0.00	0.00	0.8	WNW
1/2/2024 14:38:00	17.2	16.9	-0.3	0.01	0.01	0.00	0.9	NE
1/2/2024 14:39:00	17.1	17.6	0.5	0.01	0.01	0.00	0.8	E
1/2/2024 14:40:00	17.1	18.1	1.0	0.01	0.01	0.00	0.8	NNW
1/2/2024 14:41:00	17.2	18.0	0.8	0.01	0.01	0.00	0.8	S
1/2/2024 14:42:00	17.2	18.1	0.9	0.01	0.01	0.00	0.8	NE
1/2/2024 14:43:00	17.6	16.6	-1.0	0.01	0.01	0.00	0.8	ESE
1/2/2024 14:44:00				0.01	0.01	0.00	0.8	ENE
1/2/2024 14:45:00				0.01	0.01	0.00	0.8	ENE
1/2/2024 14:46:00	5.1	7.1	2.0	0.01	0.01	0.00	0.8	E
1/2/2024 14:47:00	8.8	6.1	-2.7	0.01	0.01	0.00	0.8	E
1/2/2024 14:48:00	8.8	6.0	-2.8	0.01	0.01	0.00	0.9	E
1/2/2024 14:49:00	8.0	7.0	-1.0	0.01	0.01	0.00	0.8	ENE
1/2/2024 14:50:00	7.0	7.2	0.2	0.00	0.01	0.01	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
1/2/2024 14:51:00	6.5	7.2	0.7	0.00	0.01	0.01	0.8	ENE
1/2/2024 14:52:00	6.6	6.7	0.1	0.00	0.01	0.01	0.8	NW
1/2/2024 14:53:00	6.4	6.8	0.4	0.00	0.01	0.01	0.8	WNW
1/2/2024 14:54:00	7.0	6.9	-0.1	0.00	0.01	0.01	0.8	SE
1/2/2024 14:55:00	7.0	7.0	0.0	0.00	0.01	0.00	0.9	ESE
1/2/2024 14:56:00	7.2	7.3	0.1	0.00	0.01	0.01	0.9	ENE
1/2/2024 14:57:00	7.1	7.7	0.5	0.00	0.01	0.00	0.9	NE
1/2/2024 14:58:00	7.0	8.4	1.4	0.00	0.01	0.00	0.9	NE
1/2/2024 14:59:00	7.0	8.6	1.6	0.00	0.01	0.00	0.9	E
1/2/2024 15:00:00	7.2	8.6	1.4	0.00	0.00	0.00	0.9	NE
1/2/2024 15:01:00	7.1	8.8	1.7	0.00	0.01	0.00	0.9	NNW
1/2/2024 15:02:00	6.8	9.3	2.5	0.00	0.01	0.00	0.9	NNW
1/2/2024 15:03:00	8.4	9.7	1.4	0.00	0.01	0.01	0.9	ENE
1/2/2024 15:04:00	9.4	9.7	0.3	0.00	0.01	0.01	0.9	ESE
1/2/2024 15:05:00	9.9	9.6	-0.3	0.00	0.01	0.00	0.9	WNW
1/2/2024 15:06:00	10.1	9.7	-0.4	0.00	0.01	0.00	0.9	SE
1/2/2024 15:07:00	10.0	10.1	0.2	0.00	0.01	0.01	0.9	E
1/2/2024 15:08:00	10.4	9.9	-0.5	0.00	0.01	0.01	0.9	NW
1/2/2024 15:09:00	10.2	9.6	-0.6	0.00	0.01	0.00	0.9	WSW
1/2/2024 15:10:00	10.3	9.4	-0.9	0.00	0.01	0.00	0.8	NW
1/2/2024 15:11:00	9.9	8.9	-1.0	0.00	0.01	0.00	0.8	WSW
1/2/2024 15:12:00	9.8	8.3	-1.5	0.00	0.01	0.00	0.8	ESE
1/2/2024 15:13:00	9.7	7.8	-1.9	0.00	0.01	0.00	0.9	WSW
1/2/2024 15:14:00	9.5	7.7	-1.8	0.00	0.01	0.00	0.9	W
1/2/2024 15:15:00	9.1	7.6	-1.5	0.00	0.01	0.00	0.9	W
1/2/2024 15:16:00	9.3	7.1	-2.1	0.00	0.01	0.00	0.9	ENE
1/2/2024 15:17:00	9.0	6.5	-2.5	0.00	0.00	0.00	0.9	ESE
1/2/2024 15:18:00	7.1	6.0	-1.1	0.00	0.00	0.00	0.9	NE
1/2/2024 15:19:00	5.9	5.6	-0.3	0.00	0.00	0.00	0.9	NE
1/2/2024 15:20:00	5.4	5.4	0.0	0.00	0.00	0.00	0.9	NNW
1/2/2024 15:21:00	5.1	5.0	-0.2	0.00	0.00	0.00	0.9	ENE
1/2/2024 15:22:00	5.1	4.3	-0.7	0.00	0.00	0.00	0.9	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
1/2/2024 15:23:00	4.4	4.3	-0.1	0.00	0.00	0.00	0.9	WNW
1/2/2024 15:24:00	3.9	4.2	0.2	0.00	0.00	0.00	0.9	SE
1/2/2024 15:25:00	3.7	4.1	0.4	0.00	0.00	0.00	0.9	ESE
1/2/2024 15:26:00	3.5	4.3	0.8	0.00	0.00	0.00	0.8	N
1/2/2024 15:27:00	3.4	4.5	1.0	0.00	0.00	0.00	0.8	E
1/2/2024 15:28:00	3.6	4.3	0.7	0.00	0.00	0.00	0.8	NNE
1/2/2024 15:29:00	4.0	3.8	-0.2	0.00	0.00	0.00	0.7	NW
1/2/2024 15:30:00	4.6	3.5	-1.0	0.00	0.00	0.00	0.7	W
1/2/2024 15:31:00	5.1	3.6	-1.4	0.00	0.00	0.00	0.7	WNW
1/2/2024 15:32:00	5.0	5.0	-0.1	0.00	0.00	0.00	0.8	NE
1/2/2024 15:33:00	6.0	5.9	-0.1	0.00	0.00	0.00	0.8	ESE
1/2/2024 15:34:00	6.9	6.3	-0.6	0.00	0.01	0.00	0.8	ENE
1/2/2024 15:35:00	7.5	6.3	-1.2	0.00	0.01	0.01	0.7	ESE
1/2/2024 15:36:00	7.7	7.2	-0.5	0.00	0.01	0.00	0.7	SSW
1/2/2024 15:37:00	7.9	7.3	-0.6	0.00	0.01	0.01	0.8	E
1/2/2024 15:38:00	8.1	7.4	-0.8	0.00	0.01	0.01	0.8	NE
1/2/2024 15:39:00	8.3	7.5	-0.8	0.00	0.01	0.01	0.8	ENE
1/2/2024 15:40:00	8.7	7.5	-1.1	0.00	0.01	0.01	0.8	NE
1/2/2024 15:41:00	8.7	7.4	-1.3	0.01	0.01	0.01	0.8	WNW
1/2/2024 15:42:00	8.7	7.2	-1.4	0.01	0.01	0.01	0.8	NNW
1/2/2024 15:43:00	8.6	7.1	-1.5	0.01	0.01	0.01	0.8	SE
1/2/2024 15:44:00	8.2	7.1	-1.2	0.00	0.01	0.01	0.8	ESE
1/2/2024 15:45:00	7.6	7.1	-0.5	0.00	0.01	0.01	0.8	WNW