

DAILY FIELD REPORT 160

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	January 5, 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) Xianglei Zheng (Geotechnical)
Construction Manager: Consigli Construction Co., Inc. (Consigli)	
Foundation Contractor: Urban Foundation/Engineering (Urban)	

Work Activities Performed:

- Urban excavated an area of about 15-feet-long by 5-feet-wide from about 15 feet below ground surface (bgs) to about 25 feet bgs in the central part of waste characterization grids WC03_15-20 and WC03_20-25 to install timber lagging. The excavated soil/fill was stockpiled in grid WC02 pending future off-site disposal.
- Excavated 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 waste characterization 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:

- 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:

- Langan collected one post-excavation confirmation endpoint sample (Sample ID EPB05_el_N18) in the central part of the site to be analyzed for VOCs, SVOCs (including 1,4-dioxane via Method 8270-SIM), PCBs, pesticides, herbicides, metals (including trivalent and hex chromium), total cyanide, and PFAS (Method 1633).

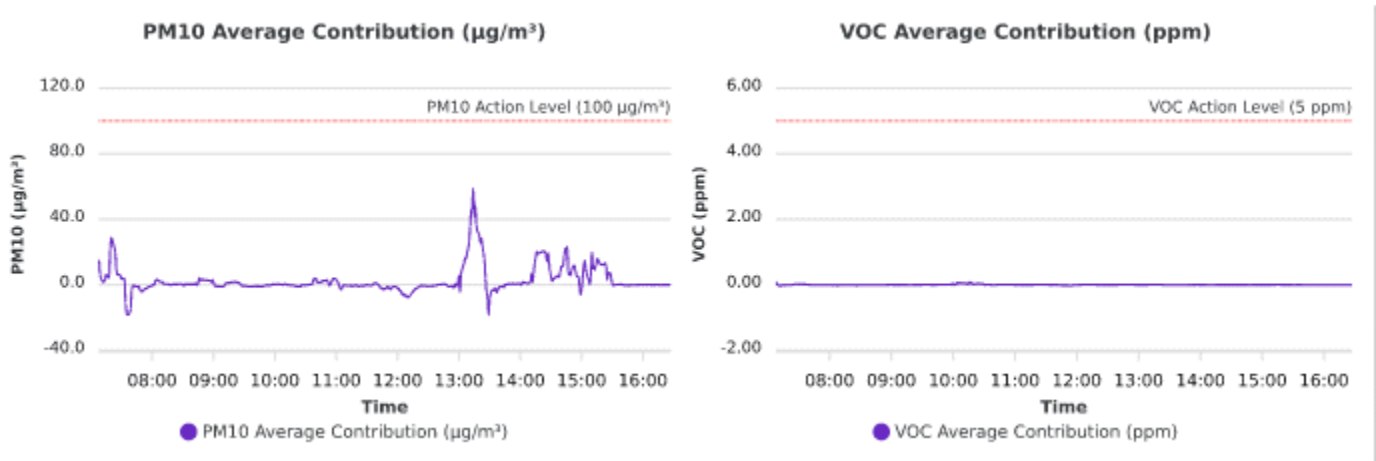
Air Monitoring:

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	7.5	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-18.4	VOC Average Site Contribution (Minimum)	-0.03
PM10 Average Site Contribution (Maximum)	58.8	VOC Average Site Contribution (Maximum)	0.09

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

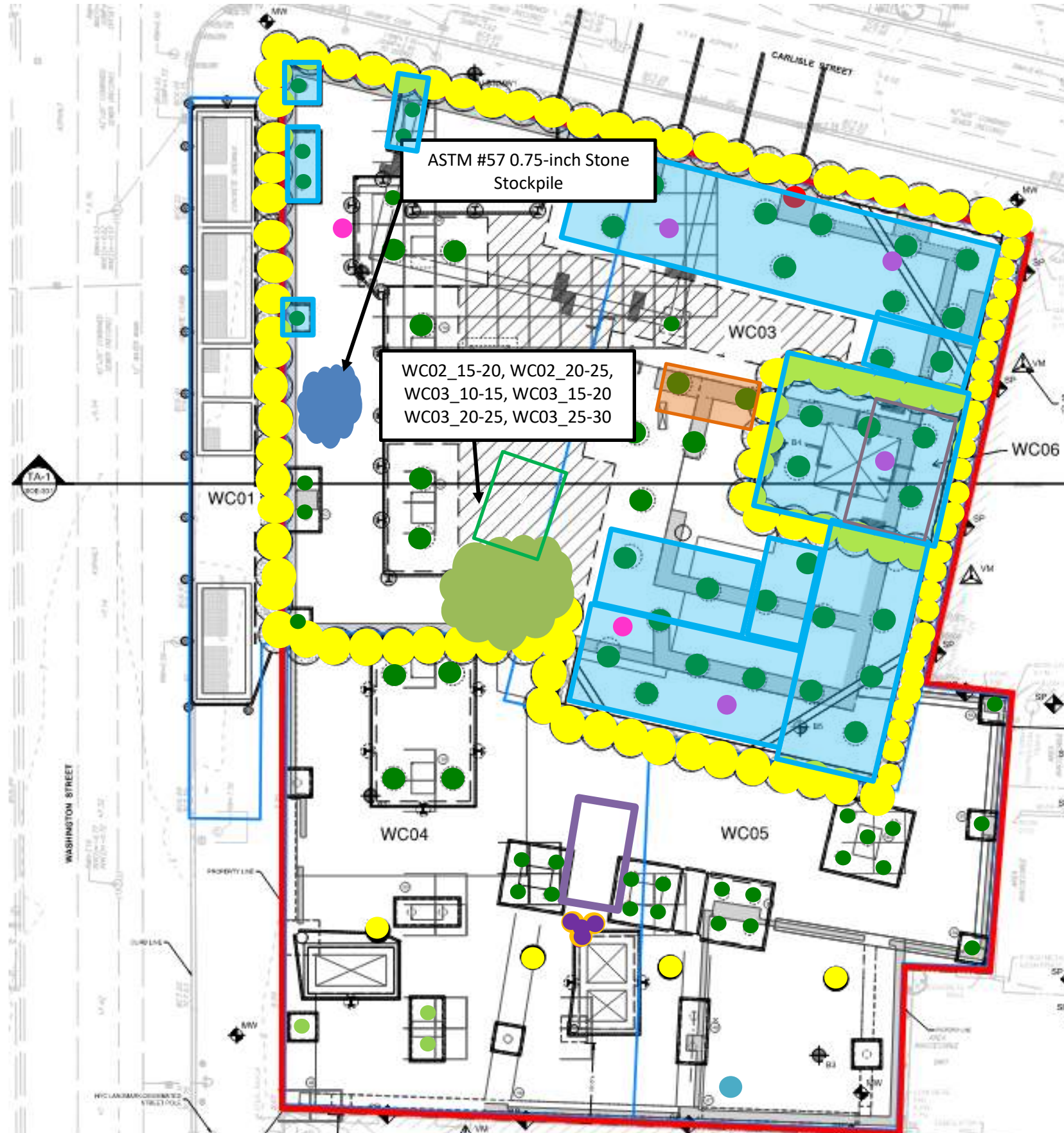
ppm: parts per million.



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**

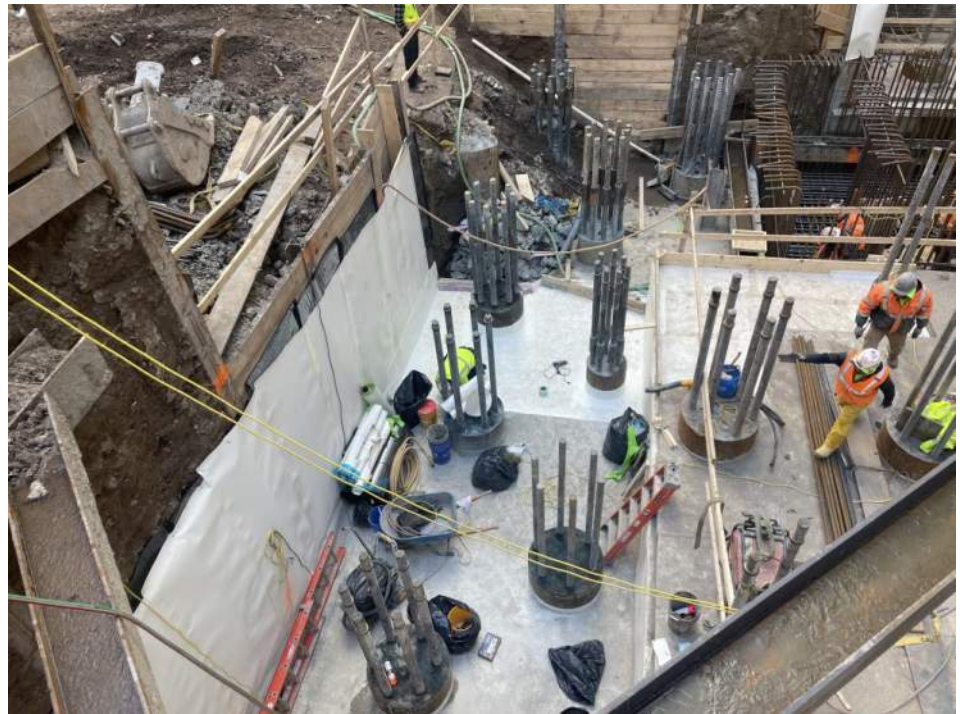
Note: Waste characterization grid areas were developed by PT Consultants and Urban and is shown on this site plan for reference only.

Photo Log

Photo 1: Urban excavating in the southern part of WC03_15-20 (facing southeast).



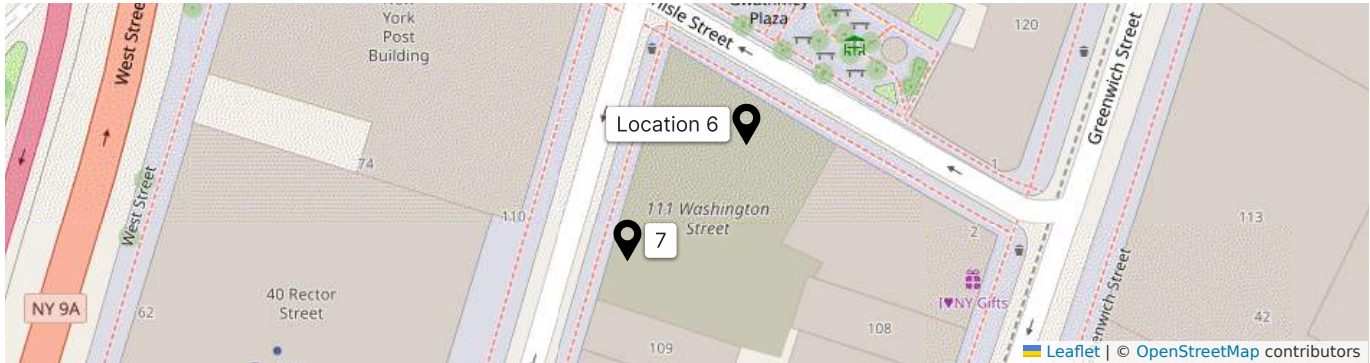
Photo 2: Urban installing waterproofing/vapor barrier membranes in the central part of the site (facing north).



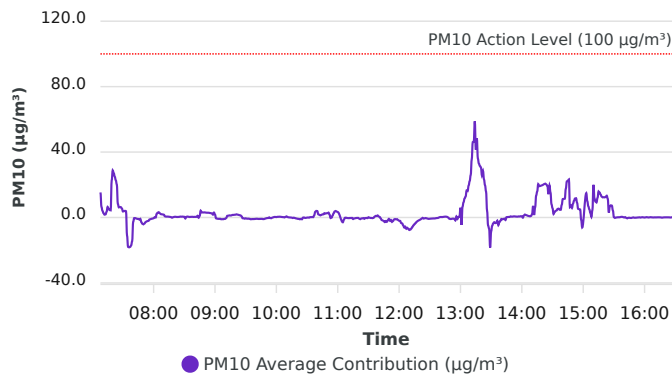
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	1/5/2024 06:00
		To:	1/5/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
1/5/2024	0.4-2.5	NE

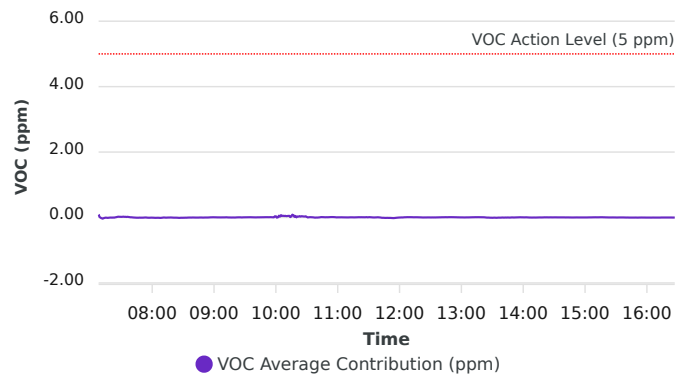
Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/5/2024	-18.4	13:29	-0.03	07:12
Max Contribution (15 min avg.) - 1/5/2024	58.8	13:14	0.09	07:08



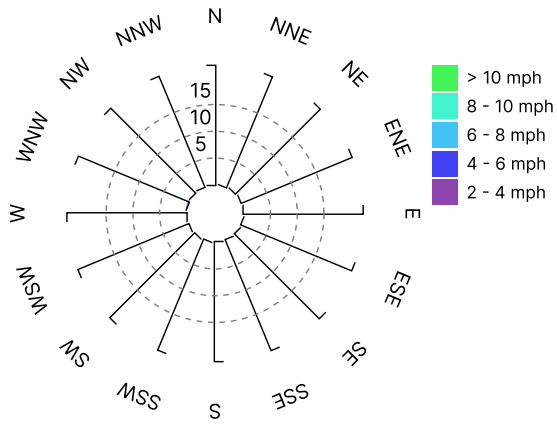
PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)



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
1/5/2024 07:08:00	7.5	22.9	15.3	0.00	0.09	0.09	1.3	E
1/5/2024 07:09:00	7.8	14.3	6.5	0.03	0.04	0.01	1.3	NW
1/5/2024 07:10:00	7.3	11.3	4.0	0.04	0.03	-0.01	1.4	WNW
1/5/2024 07:11:00	6.7	9.3	2.6	0.05	0.02	-0.03	1.4	WNW
1/5/2024 07:12:00	6.3	8.0	1.7	0.05	0.02	-0.03	1.2	S
1/5/2024 07:13:00	5.8	7.7	1.9	0.04	0.02	-0.02	1.1	ENE
1/5/2024 07:14:00	5.4	8.9	3.5	0.04	0.03	-0.01	1.1	E
1/5/2024 07:15:00	5.2	11.7	6.5	0.03	0.03	-0.01	1.2	E
1/5/2024 07:16:00	5.3	10.7	5.4	0.03	0.02	-0.01	1.2	W
1/5/2024 07:17:00	5.3	9.9	4.5	0.03	0.02	-0.01	1.2	W
1/5/2024 07:18:00	5.0	9.4	4.4	0.03	0.02	-0.01	1.2	N
1/5/2024 07:19:00	4.8	27.4	22.6	0.03	0.02	0.00	1.2	N
1/5/2024 07:20:00	4.6	33.4	28.8	0.03	0.03	0.00	1.1	E
1/5/2024 07:21:00	4.4	31.5	27.1	0.03	0.03	-0.01	1.1	NNE
1/5/2024 07:22:00	4.6	29.6	24.9	0.03	0.03	0.00	1.1	W
1/5/2024 07:23:00	5.4	28.1	22.8	0.03	0.03	0.00	1.1	W
1/5/2024 07:24:00	7.7	27.9	20.2	0.03	0.03	0.00	1.1	W
1/5/2024 07:25:00	19.3	27.6	8.3	0.03	0.04	0.01	1.1	WNW
1/5/2024 07:26:00	21.3	27.5	6.2	0.03	0.04	0.02	1.1	W
1/5/2024 07:27:00	21.2	27.6	6.4	0.02	0.05	0.02	1.1	ESE
1/5/2024 07:28:00	21.1	27.4	6.3	0.02	0.04	0.02	1.2	E
1/5/2024 07:29:00	21.1	26.5	5.5	0.02	0.04	0.02	1.2	ENE
1/5/2024 07:30:00	21.0	24.6	3.7	0.02	0.04	0.02	1.1	E
1/5/2024 07:31:00	20.8	24.6	3.8	0.02	0.04	0.02	1.1	W
1/5/2024 07:32:00	20.6	24.7	4.1	0.02	0.04	0.03	1.1	NNW
1/5/2024 07:33:00	20.8	24.6	3.8	0.02	0.04	0.02	1.1	W
1/5/2024 07:34:00	20.9	9.9	-11.0	0.02	0.04	0.02	1.1	ESE
1/5/2024 07:35:00	21.1	3.1	-17.9	0.02	0.04	0.02	1.1	W
1/5/2024 07:36:00	21.1	2.8	-18.3	0.02	0.04	0.02	1.2	E
1/5/2024 07:37:00	20.9	2.9	-18.0	0.02	0.03	0.02	1.2	W
1/5/2024 07:38:00	20.1	3.0	-17.1	0.02	0.03	0.01	1.2	WNW
1/5/2024 07:39:00	17.6	3.1	-14.5	0.02	0.02	0.01	1.2	S

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
1/5/2024 07:40:00	5.8	3.1	-2.6	0.01	0.02	0.01	1.1	SE
1/5/2024 07:41:00	3.5	3.2	-0.4	0.01	0.01	0.00	1.2	WNW
1/5/2024 07:42:00	3.5	3.1	-0.4	0.01	0.01	0.00	1.2	WSW
1/5/2024 07:43:00	3.9	3.3	-0.6	0.01	0.01	0.00	1.2	W
1/5/2024 07:44:00	4.2	3.4	-0.8	0.01	0.01	-0.01	1.2	WNW
1/5/2024 07:45:00	4.2	3.3	-0.9	0.01	0.01	-0.01	1.2	NW
1/5/2024 07:46:00	4.6	3.4	-1.2	0.01	0.01	-0.01	1.2	NW
1/5/2024 07:47:00	4.8	4.0	-0.8	0.01	0.01	-0.01	1.2	ESE
1/5/2024 07:48:00	7.2	4.3	-2.9	0.01	0.01	0.00	1.2	ENE
1/5/2024 07:49:00	8.4	4.5	-3.8	0.01	0.01	-0.01	1.2	W
1/5/2024 07:50:00	8.8	4.6	-4.2	0.01	0.01	-0.01	1.2	W
1/5/2024 07:51:00	8.8	5.1	-3.7	0.01	0.01	-0.01	1.2	NE
1/5/2024 07:52:00	8.7	5.8	-2.9	0.01	0.01	0.00	1.2	NNE
1/5/2024 07:53:00	8.7	6.2	-2.4	0.01	0.01	0.00	1.2	NNE
1/5/2024 07:54:00	8.9	6.7	-2.2	0.01	0.01	0.00	1.2	W
1/5/2024 07:55:00	9.3	7.3	-2.0	0.01	0.01	-0.01	1.2	WSW
1/5/2024 07:56:00	9.7	8.5	-1.2	0.01	0.01	-0.01	1.1	SW
1/5/2024 07:57:00	10.0	9.0	-1.0	0.01	0.01	-0.01	1.1	WNW
1/5/2024 07:58:00	9.7	8.9	-0.8	0.01	0.01	-0.01	1.1	ENE
1/5/2024 07:59:00	9.4	8.8	-0.7	0.01	0.01	-0.01	1.1	ESE
1/5/2024 08:00:00	9.3	8.9	-0.5	0.01	0.01	-0.01	1.2	W
1/5/2024 08:01:00	8.8	9.0	0.2	0.01	0.01	-0.01	1.2	WNW
1/5/2024 08:02:00	8.6	8.6	0.0	0.02	0.01	-0.01	1.2	WNW
1/5/2024 08:03:00	5.9	8.2	2.3	0.02	0.01	-0.01	1.2	W
1/5/2024 08:04:00	4.7	7.6	2.9	0.02	0.01	-0.01	1.2	ENE
1/5/2024 08:05:00	4.2	7.4	3.2	0.01	0.01	-0.01	1.1	ESE
1/5/2024 08:06:00	4.1	6.7	2.6	0.01	0.01	-0.01	1.1	E
1/5/2024 08:07:00	4.0	6.0	2.1	0.01	0.01	-0.01	1.0	SW
1/5/2024 08:08:00	3.5	5.5	1.9	0.02	0.00	-0.01	1.1	S
1/5/2024 08:09:00	3.2	5.0	1.9	0.01	0.00	-0.01	1.0	SE
1/5/2024 08:10:00	2.6	4.3	1.7	0.01	0.01	-0.01	1.0	E
1/5/2024 08:11:00	2.3	3.1	0.7	0.01	0.01	0.00	1.0	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
1/5/2024 08:12:00	2.0	2.5	0.6	0.01	0.01	0.00	1.0	NW
1/5/2024 08:13:00	1.8	2.3	0.5	0.01	0.01	-0.01	1.0	W
1/5/2024 08:14:00	1.7	2.3	0.6	0.01	0.01	-0.01	1.0	ENE
1/5/2024 08:15:00	1.8	2.2	0.5	0.01	0.01	0.00	0.9	W
1/5/2024 08:16:00	1.8	2.2	0.4	0.01	0.01	0.00	0.8	WNW
1/5/2024 08:17:00	1.7	1.9	0.2	0.01	0.01	0.00	0.9	W
1/5/2024 08:18:00	1.9	1.8	-0.1	0.01	0.01	0.00	0.9	ESE
1/5/2024 08:19:00	1.8	1.9	0.1	0.01	0.01	0.00	1.0	W
1/5/2024 08:20:00	1.7	2.1	0.4	0.01	0.01	0.00	1.0	WNW
1/5/2024 08:21:00	1.7	2.2	0.5	0.01	0.01	-0.01	1.0	W
1/5/2024 08:22:00	1.8	2.2	0.4	0.01	0.01	-0.01	1.1	W
1/5/2024 08:23:00	1.9	2.2	0.3	0.01	0.01	-0.01	1.1	W
1/5/2024 08:24:00	1.8	2.1	0.3	0.01	0.01	-0.01	1.1	W
1/5/2024 08:25:00	1.8	2.1	0.4	0.01	0.00	-0.01	1.2	WNW
1/5/2024 08:26:00	1.7	2.2	0.6	0.01	0.00	-0.01	1.2	W
1/5/2024 08:27:00	1.8	2.2	0.5	0.01	0.00	-0.01	1.2	WSW
1/5/2024 08:28:00	1.8	2.4	0.6	0.01	0.00	-0.01	1.2	N
1/5/2024 08:29:00	1.9	2.4	0.5	0.01	0.00	-0.01	1.3	WNW
1/5/2024 08:30:00	1.9	2.4	0.4	0.01	0.00	-0.01	1.3	ENE
1/5/2024 08:31:00	3.1	2.5	-0.6	0.01	0.00	-0.01	1.3	W
1/5/2024 08:32:00	3.3	3.7	0.4	0.01	0.00	-0.01	1.3	ESE
1/5/2024 08:33:00	3.2	3.8	0.6	0.01	0.00	-0.01	1.2	NNE
1/5/2024 08:34:00	3.3	3.8	0.5	0.01	0.00	-0.01	1.1	E
1/5/2024 08:35:00	3.4	3.7	0.3	0.01	0.00	0.00	1.1	SE
1/5/2024 08:36:00	3.4	3.8	0.4	0.01	0.00	0.00	1.1	WNW
1/5/2024 08:37:00	3.4	3.8	0.4	0.01	0.00	0.00	1.1	WNW
1/5/2024 08:38:00	3.4	3.8	0.4	0.01	0.00	0.00	1.1	W
1/5/2024 08:39:00	3.4	3.8	0.3	0.01	0.01	0.00	1.0	NNE
1/5/2024 08:40:00	3.4	3.8	0.4	0.01	0.01	0.00	1.0	WNW
1/5/2024 08:41:00	3.5	3.8	0.4	0.01	0.01	0.00	1.0	WNW
1/5/2024 08:42:00	3.5	3.9	0.4	0.01	0.01	0.00	1.0	WNW
1/5/2024 08:43:00	3.7	4.7	1.0	0.01	0.01	0.00	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
1/5/2024 08:44:00	4.9	4.8	-0.1	0.01	0.01	0.00	1.0	W
1/5/2024 08:45:00	5.0	6.0	1.0	0.01	0.01	0.00	1.0	ESE
1/5/2024 08:46:00	4.0	8.2	4.2	0.01	0.01	0.00	1.0	ENE
1/5/2024 08:47:00	3.9	7.0	3.1	0.01	0.01	0.00	1.0	ESE
1/5/2024 08:48:00	4.0	7.1	3.1	0.01	0.01	0.00	1.0	NNW
1/5/2024 08:49:00	4.0	7.1	3.1	0.01	0.01	0.00	1.1	W
1/5/2024 08:50:00	4.0	7.1	3.1	0.01	0.01	0.00	1.2	ENE
1/5/2024 08:51:00	4.1	7.1	3.0	0.01	0.01	0.00	1.2	NNW
1/5/2024 08:52:00	4.2	7.1	2.9	0.01	0.01	0.00	1.2	WNW
1/5/2024 08:53:00	4.3	7.2	2.9	0.01	0.01	0.00	1.1	SW
1/5/2024 08:54:00	4.4	7.3	2.9	0.01	0.01	0.00	1.1	E
1/5/2024 08:55:00	4.5	7.3	2.7	0.01	0.01	0.00	1.1	ESE
1/5/2024 08:56:00	4.6	7.3	2.6	0.01	0.01	0.00	1.1	E
1/5/2024 08:57:00	4.8	7.2	2.5	0.00	0.01	0.01	1.1	E
1/5/2024 08:58:00	4.6	6.3	1.7	0.00	0.01	0.01	1.1	ENE
1/5/2024 08:59:00	3.3	6.3	3.0	0.00	0.01	0.01	1.1	NNW
1/5/2024 09:00:00	3.3	5.1	1.8	0.00	0.01	0.01	1.0	ESE
1/5/2024 09:01:00	3.3	2.7	-0.5	0.00	0.01	0.01	1.0	W
1/5/2024 09:02:00	3.4	2.7	-0.7	0.00	0.01	0.01	1.0	WNW
1/5/2024 09:03:00	3.6	2.8	-0.8	0.00	0.01	0.00	1.0	NW
1/5/2024 09:04:00	3.6	2.8	-0.8	0.00	0.01	0.00	1.0	W
1/5/2024 09:05:00	3.7	2.9	-0.8	0.00	0.01	0.00	1.0	ENE
1/5/2024 09:06:00	4.0	3.0	-1.1	0.00	0.01	0.00	1.0	WNW
1/5/2024 09:07:00	4.0	3.0	-1.0	0.00	0.01	0.00	1.0	W
1/5/2024 09:08:00	4.1	3.0	-1.1	0.00	0.01	0.00	1.0	ESE
1/5/2024 09:09:00	4.0	3.1	-0.9	0.00	0.01	0.00	1.0	E
1/5/2024 09:10:00	4.0	3.1	-0.8	0.00	0.01	0.00	1.0	ESE
1/5/2024 09:11:00	3.9	3.6	-0.3	0.00	0.01	0.00	1.0	E
1/5/2024 09:12:00	3.9	4.9	1.0	0.00	0.01	0.01	1.1	NNW
1/5/2024 09:13:00	3.8	4.9	1.1	0.01	0.01	0.00	1.1	WSW
1/5/2024 09:14:00	3.7	5.0	1.3	0.01	0.01	0.00	1.1	W
1/5/2024 09:15:00	3.7	4.9	1.2	0.01	0.01	0.00	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
1/5/2024 09:16:00	3.7	5.0	1.3	0.01	0.01	0.00	1.2	SSE
1/5/2024 09:17:00	3.4	5.0	1.6	0.01	0.01	0.00	1.1	SE
1/5/2024 09:18:00	3.2	4.8	1.6	0.01	0.01	0.00	1.2	ENE
1/5/2024 09:19:00	3.1	4.8	1.7	0.01	0.01	0.00	1.2	W
1/5/2024 09:20:00	3.0	4.8	1.7	0.01	0.01	0.00	1.2	W
1/5/2024 09:21:00	2.7	4.7	1.9	0.01	0.01	0.00	1.1	SE
1/5/2024 09:22:00	2.8	4.6	1.8	0.01	0.01	0.00	1.1	E
1/5/2024 09:23:00	2.8	4.5	1.6	0.01	0.01	0.00	1.1	ESE
1/5/2024 09:24:00	2.9	4.3	1.4	0.01	0.01	0.01	1.0	E
1/5/2024 09:25:00	2.9	4.2	1.3	0.01	0.01	0.01	1.0	E
1/5/2024 09:26:00	3.0	3.6	0.7	0.01	0.01	0.00	1.0	ESE
1/5/2024 09:27:00	2.9	2.4	-0.5	0.01	0.01	0.00	0.9	WSW
1/5/2024 09:28:00	3.0	2.5	-0.5	0.00	0.01	0.00	0.9	NE
1/5/2024 09:29:00	3.1	2.4	-0.7	0.00	0.01	0.01	1.0	ESE
1/5/2024 09:30:00	3.0	2.5	-0.5	0.00	0.01	0.01	1.0	S
1/5/2024 09:31:00	3.2	2.5	-0.7	0.00	0.01	0.01	0.9	ESE
1/5/2024 09:32:00	3.2	2.5	-0.8	0.00	0.01	0.01	0.9	W
1/5/2024 09:33:00	3.2	2.5	-0.7	0.00	0.01	0.01	0.9	E
1/5/2024 09:34:00	3.3	2.4	-0.9	0.00	0.01	0.01	0.9	E
1/5/2024 09:35:00	3.3	2.3	-1.1	0.00	0.01	0.01	0.9	E
1/5/2024 09:36:00	3.3	2.3	-1.0	0.00	0.01	0.01	0.9	NNE
1/5/2024 09:37:00	3.3	2.3	-1.0	0.00	0.01	0.01	0.9	ENE
1/5/2024 09:38:00	3.3	2.3	-1.0	0.00	0.01	0.01	0.9	ENE
1/5/2024 09:39:00	3.3	2.4	-0.9	0.00	0.01	0.00	0.9	E
1/5/2024 09:40:00	3.3	2.4	-0.8	0.00	0.01	0.00	0.9	E
1/5/2024 09:41:00	3.3	2.5	-0.8	0.00	0.01	0.00	0.9	E
1/5/2024 09:42:00	3.3	2.5	-0.9	0.00	0.01	0.01	0.9	E
1/5/2024 09:43:00	3.3	2.4	-0.9	0.00	0.01	0.01	0.9	NNE
1/5/2024 09:44:00	3.3	2.4	-0.9	0.00	0.01	0.01	0.8	E
1/5/2024 09:45:00	3.4	2.5	-0.9	0.00	0.01	0.01	0.8	ESE
1/5/2024 09:46:00	3.4	2.5	-0.8	0.00	0.01	0.01	0.8	E
1/5/2024 09:47:00	3.5	2.5	-1.0	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
1/5/2024 09:48:00	3.6	2.7	-0.9	0.00	0.01	0.01	0.8	ESE
1/5/2024 09:49:00	3.7	3.0	-0.7	0.00	0.01	0.01	0.8	ENE
1/5/2024 09:50:00	3.7	3.2	-0.5	0.00	0.01	0.01	0.7	ENE
1/5/2024 09:51:00	3.8	3.4	-0.3	0.00	0.01	0.01	0.8	ENE
1/5/2024 09:52:00	3.8	3.5	-0.3	0.00	0.01	0.01	0.8	ESE
1/5/2024 09:53:00	3.6	3.7	0.1	0.00	0.01	0.01	0.8	WNW
1/5/2024 09:54:00	4.0	3.7	-0.3	0.00	0.01	0.01	0.8	ESE
1/5/2024 09:55:00	4.2	3.7	-0.4	0.00	0.01	0.01	0.8	NNW
1/5/2024 09:56:00	4.2	4.1	-0.1	0.00	0.01	0.01	0.8	WNW
1/5/2024 09:57:00	4.2	4.3	0.1	0.00	0.01	0.01	0.8	W
1/5/2024 09:58:00	4.2	4.5	0.3	0.00	0.01	0.01	0.8	NW
1/5/2024 09:59:00	4.2	4.5	0.3	0.01	0.04	0.04	0.9	SSE
1/5/2024 10:00:00	4.1	4.4	0.3	0.01	0.04	0.04	0.9	W
1/5/2024 10:01:00	4.1	4.5	0.4	0.05	0.04	0.00	0.9	ESE
1/5/2024 10:02:00	4.1	4.5	0.4	0.05	0.06	0.01	0.8	W
1/5/2024 10:03:00	4.1	4.5	0.5	0.06	0.11	0.05	0.9	NW
1/5/2024 10:04:00	4.1	4.5	0.4	0.09	0.12	0.03	0.9	NE
1/5/2024 10:05:00	4.1	4.5	0.3	0.09	0.16	0.07	0.9	NW
1/5/2024 10:06:00	4.1	4.3	0.3	0.12	0.17	0.05	0.9	N
1/5/2024 10:07:00	4.1	4.3	0.2	0.12	0.18	0.05	0.9	W
1/5/2024 10:08:00	4.3	4.3	0.1	0.13	0.18	0.04	0.9	NNW
1/5/2024 10:09:00	4.0	4.4	0.4	0.14	0.19	0.05	0.9	NW
1/5/2024 10:10:00	3.9	4.5	0.7	0.15	0.19	0.04	0.9	N
1/5/2024 10:11:00	4.0	4.3	0.3	0.15	0.19	0.04	0.9	NW
1/5/2024 10:12:00	4.1	4.2	0.1	0.15	0.20	0.05	0.9	W
1/5/2024 10:13:00	4.1	4.1	0.0	0.15	0.20	0.05	0.9	W
1/5/2024 10:14:00	4.2	4.2	0.0	0.15	0.17	0.01	0.9	W
1/5/2024 10:15:00	4.2	4.1	-0.1	0.15	0.18	0.03	0.9	ENE
1/5/2024 10:16:00	4.3	4.0	-0.3	0.11	0.20	0.08	1.0	E
1/5/2024 10:17:00	4.1	4.0	-0.1	0.11	0.18	0.07	1.0	SSW
1/5/2024 10:18:00	4.1	3.8	-0.3	0.11	0.13	0.02	0.9	ESE
1/5/2024 10:19:00	4.0	3.5	-0.5	0.08	0.13	0.04	1.0	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
1/5/2024 10:20:00	3.9	3.3	-0.7	0.07	0.08	0.01	1.0	E
1/5/2024 10:21:00	3.9	3.1	-0.8	0.05	0.08	0.03	1.0	E
1/5/2024 10:22:00	3.8	3.0	-0.9	0.04	0.07	0.03	0.9	E
1/5/2024 10:23:00	3.8	2.7	-1.1	0.03	0.07	0.04	0.9	E
1/5/2024 10:24:00	3.6	2.7	-0.9	0.03	0.06	0.03	0.9	W
1/5/2024 10:25:00	3.7	2.6	-1.1	0.02	0.06	0.04	0.9	E
1/5/2024 10:26:00	3.5	3.4	-0.1	0.03	0.06	0.04	0.9	WNW
1/5/2024 10:27:00	3.5	3.5	0.0	0.03	0.06	0.03	0.9	NW
1/5/2024 10:28:00	3.8	3.5	-0.3	0.03	0.06	0.03	0.8	SSW
1/5/2024 10:29:00	3.8	3.6	-0.2	0.02	0.05	0.04	0.8	SW
1/5/2024 10:30:00	3.8	3.7	-0.1	0.02	0.04	0.02	0.9	WNW
1/5/2024 10:31:00	3.9	3.9	0.0	0.02	0.02	0.00	0.9	WSW
1/5/2024 10:32:00	4.0	4.0	-0.1	0.01	0.02	0.01	0.9	N
1/5/2024 10:33:00	4.1	4.3	0.2	0.01	0.02	0.01	0.9	NNW
1/5/2024 10:34:00	4.3	4.5	0.2	0.01	0.02	0.01	0.9	SSW
1/5/2024 10:35:00	4.9	5.2	0.3	0.01	0.02	0.01	0.9	WNW
1/5/2024 10:36:00	5.5	5.6	0.2	0.01	0.02	0.01	0.9	NE
1/5/2024 10:37:00	5.8	7.2	1.3	0.01	0.02	0.00	0.9	NW
1/5/2024 10:38:00	6.8	10.3	3.5	0.02	0.01	-0.01	1.0	WNW
1/5/2024 10:39:00	8.1	12.1	4.0	0.01	0.01	0.00	1.1	WNW
1/5/2024 10:40:00	9.4	13.3	3.9	0.01	0.01	0.00	1.1	E
1/5/2024 10:41:00	11.7	13.6	1.9	0.01	0.01	0.00	1.1	E
1/5/2024 10:42:00	12.8	14.4	1.6	0.01	0.01	0.00	1.1	SE
1/5/2024 10:43:00	13.8	15.1	1.3	0.01	0.02	0.01	1.1	E
1/5/2024 10:44:00	14.6	16.2	1.6	0.01	0.02	0.01	1.1	ESE
1/5/2024 10:45:00	15.6	17.5	1.9	0.01	0.02	0.01	1.0	SW
1/5/2024 10:46:00	16.9	18.8	1.9	0.01	0.02	0.01	1.0	WNW
1/5/2024 10:47:00	17.4	20.1	2.6	0.01	0.02	0.01	0.9	E
1/5/2024 10:48:00	18.4	20.8	2.4	0.01	0.02	0.01	0.9	E
1/5/2024 10:49:00	18.8	21.3	2.6	0.01	0.02	0.01	0.9	ESE
1/5/2024 10:50:00	18.4	21.1	2.6	0.01	0.02	0.01	1.0	E
1/5/2024 10:51:00	18.2	21.2	3.0	0.01	0.02	0.01	1.0	NNW

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
1/5/2024 10:52:00	18.3	20.1	1.7	0.01	0.02	0.01	1.0	E
1/5/2024 10:53:00	17.4	17.1	-0.3	0.01	0.02	0.01	1.0	NE
1/5/2024 10:54:00	16.3	16.3	-0.1	0.01	0.02	0.01	0.9	ESE
1/5/2024 10:55:00	15.2	16.4	1.3	0.01	0.02	0.01	0.9	E
1/5/2024 10:56:00	13.0	15.6	2.6	0.01	0.02	0.01	1.0	WSW
1/5/2024 10:57:00	11.9	15.6	3.7	0.01	0.02	0.01	1.0	WNW
1/5/2024 10:58:00	10.7	14.7	4.0	0.01	0.01	0.01	1.0	NNW
1/5/2024 10:59:00	9.8	13.4	3.6	0.01	0.01	0.00	1.0	N
1/5/2024 11:00:00	8.7	12.0	3.3	0.01	0.01	0.01	1.0	NW
1/5/2024 11:01:00				0.01	0.01	0.01	1.0	W
1/5/2024 11:02:00				0.00	0.01	0.01	1.1	ESE
1/5/2024 11:03:00				0.00	0.01	0.01	1.1	E
1/5/2024 11:04:00				0.00	0.01	0.01	1.1	ESE
1/5/2024 11:05:00	6.3	3.4	-2.9	0.01	0.01	0.00	1.0	WNW
1/5/2024 11:06:00	5.1	3.7	-1.4	0.01	0.01	0.00	1.0	E
1/5/2024 11:07:00	4.7	4.5	-0.2	0.01	0.01	0.00	1.1	E
1/5/2024 11:08:00	5.4	5.3	-0.1	0.01	0.01	0.00	1.1	ESE
1/5/2024 11:09:00	5.3	5.0	-0.3	0.01	0.01	0.00	1.1	ENE
1/5/2024 11:10:00	5.1	4.8	-0.4	0.01	0.01	0.00	1.1	ESE
1/5/2024 11:11:00	5.0	4.6	-0.4	0.00	0.01	0.00	1.0	E
1/5/2024 11:12:00	4.9	4.6	-0.3	0.00	0.01	0.01	1.0	E
1/5/2024 11:13:00	4.7	4.4	-0.3	0.00	0.01	0.01	1.0	ESE
1/5/2024 11:14:00	4.7	4.4	-0.3	0.00	0.01	0.01	1.0	E
1/5/2024 11:15:00	5.4	4.4	-0.9	0.00	0.01	0.00	1.0	WSW
1/5/2024 11:16:00	5.6	5.0	-0.6	0.00	0.01	0.00	1.0	NW
1/5/2024 11:17:00	5.8	5.3	-0.5	0.00	0.01	0.00	1.0	ESE
1/5/2024 11:18:00	5.8	5.5	-0.3	0.00	0.01	0.01	1.0	E
1/5/2024 11:19:00	5.9	5.6	-0.3	0.00	0.01	0.01	1.0	E
1/5/2024 11:20:00	6.0	5.8	-0.3	0.00	0.01	0.01	1.0	E
1/5/2024 11:21:00	6.6	5.9	-0.7	0.00	0.01	0.01	1.0	E
1/5/2024 11:22:00	6.9	5.9	-1.0	0.00	0.01	0.01	1.0	WNW
1/5/2024 11:23:00	6.7	6.1	-0.6	0.00	0.01	0.01	1.1	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
1/5/2024 11:24:00	6.6	6.1	-0.5	0.01	0.01	0.01	1.1	SSE
1/5/2024 11:25:00	6.6	6.3	-0.4	0.01	0.01	0.01	1.1	E
1/5/2024 11:26:00	7.0	6.2	-0.8	0.01	0.01	0.01	1.1	NW
1/5/2024 11:27:00	7.0	6.6	-0.4	0.01	0.01	0.01	1.2	N
1/5/2024 11:28:00	7.0	6.7	-0.3	0.01	0.02	0.01	1.1	NNE
1/5/2024 11:29:00	7.0	6.6	-0.4	0.01	0.01	0.01	1.1	WSW
1/5/2024 11:30:00	6.4	6.6	0.1	0.01	0.02	0.01	1.1	ESE
1/5/2024 11:31:00	6.1	6.0	-0.1	0.01	0.02	0.01	1.1	NE
1/5/2024 11:32:00	6.1	5.8	-0.3	0.01	0.01	0.01	1.2	W
1/5/2024 11:33:00	6.0	5.7	-0.3	0.01	0.01	0.01	1.1	S
1/5/2024 11:34:00	5.9	5.5	-0.4	0.01	0.01	0.00	1.2	WNW
1/5/2024 11:35:00	5.6	5.4	-0.2	0.01	0.01	0.00	1.2	NW
1/5/2024 11:36:00	4.9	5.4	0.5	0.01	0.01	0.00	1.2	N
1/5/2024 11:37:00	4.6	5.5	0.9	0.01	0.01	0.00	1.1	E
1/5/2024 11:38:00	4.5	5.4	0.9	0.01	0.01	0.00	1.1	NNW
1/5/2024 11:39:00	4.5	5.8	1.3	0.01	0.01	0.01	1.0	E
1/5/2024 11:40:00	4.9	5.6	0.6	0.01	0.01	0.00	1.0	WNW
1/5/2024 11:41:00	5.3	5.6	0.3	0.01	0.01	0.00	1.1	WNW
1/5/2024 11:42:00	5.8	5.2	-0.6	0.02	0.01	0.00	1.1	WNW
1/5/2024 11:43:00	6.7	5.2	-1.6	0.02	0.01	-0.01	1.1	W
1/5/2024 11:44:00	8.3	6.4	-1.8	0.02	0.01	-0.01	1.1	NW
1/5/2024 11:45:00	10.2	8.1	-2.2	0.02	0.01	-0.01	1.2	WNW
1/5/2024 11:46:00	12.3	9.5	-2.8	0.02	0.01	-0.01	1.2	NW
1/5/2024 11:47:00	12.9	10.7	-2.2	0.02	0.01	-0.01	1.1	W
1/5/2024 11:48:00	13.8	11.2	-2.6	0.02	0.01	-0.01	1.2	E
1/5/2024 11:49:00	13.8	12.1	-1.7	0.02	0.01	-0.01	1.1	SSW
1/5/2024 11:50:00	13.7	12.9	-0.8	0.02	0.01	-0.01	1.1	WNW
1/5/2024 11:51:00	14.6	12.6	-2.0	0.02	0.01	-0.01	1.1	N
1/5/2024 11:52:00	14.6	13.1	-1.5	0.02	0.01	-0.01	1.1	SW
1/5/2024 11:53:00	15.4	12.6	-2.7	0.02	0.01	-0.02	1.2	ESE
1/5/2024 11:54:00	15.3	13.1	-2.2	0.02	0.00	-0.02	1.2	WSW
1/5/2024 11:55:00	15.3	14.0	-1.2	0.02	0.00	-0.02	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
1/5/2024 11:56:00	15.4	14.5	-1.0	0.02	0.00	-0.01	1.1	NE
1/5/2024 11:57:00	15.7	14.6	-1.1	0.01	0.00	-0.01	1.1	E
1/5/2024 11:58:00	15.5	14.5	-1.0	0.01	0.01	-0.01	1.2	E
1/5/2024 11:59:00	14.7	13.2	-1.6	0.01	0.01	0.00	1.1	E
1/5/2024 12:00:00	13.4	11.4	-2.0	0.01	0.01	0.00	1.1	E
1/5/2024 12:01:00	12.0	9.9	-2.1	0.01	0.01	0.00	1.0	NE
1/5/2024 12:02:00	11.9	8.5	-3.4	0.01	0.01	0.00	1.0	ENE
1/5/2024 12:03:00	11.3	7.7	-3.6	0.01	0.01	0.00	1.0	ESE
1/5/2024 12:04:00	11.6	6.7	-4.8	0.00	0.01	0.00	1.0	E
1/5/2024 12:05:00	12.0	5.9	-6.1	0.00	0.01	0.01	1.0	E
1/5/2024 12:06:00	11.5	5.9	-5.6	0.00	0.01	0.01	0.9	ENE
1/5/2024 12:07:00	11.9	5.0	-6.9	0.00	0.01	0.01	0.9	NNW
1/5/2024 12:08:00	11.4	5.0	-6.4	0.00	0.01	0.01	0.9	ENE
1/5/2024 12:09:00	11.4	4.5	-6.9	0.00	0.01	0.01	0.9	SSE
1/5/2024 12:10:00	11.1	3.5	-7.6	0.00	0.01	0.01	0.9	E
1/5/2024 12:11:00	10.3	2.9	-7.4	0.00	0.01	0.01	0.9	NNW
1/5/2024 12:12:00	9.4	2.7	-6.7	0.00	0.01	0.01	0.9	W
1/5/2024 12:13:00	8.5	2.7	-5.8	0.00	0.01	0.01	0.8	NW
1/5/2024 12:14:00	7.6	2.8	-4.8	0.00	0.01	0.01	0.9	W
1/5/2024 12:15:00	6.9	2.8	-4.1	0.00	0.01	0.01	0.8	NNE
1/5/2024 12:16:00	6.2	2.8	-3.5	0.00	0.01	0.01	0.9	NNE
1/5/2024 12:17:00	5.6	2.8	-2.8	0.00	0.01	0.01	0.9	E
1/5/2024 12:18:00	5.0	2.8	-2.2	0.00	0.01	0.01	0.9	E
1/5/2024 12:19:00	4.6	2.8	-1.8	0.00	0.01	0.01	0.9	E
1/5/2024 12:20:00	4.2	2.7	-1.5	0.00	0.01	0.00	0.9	ESE
1/5/2024 12:21:00	3.8	2.7	-1.2	0.00	0.00	0.00	0.9	ENE
1/5/2024 12:22:00	3.3	2.7	-0.7	0.00	0.00	0.00	0.9	WNW
1/5/2024 12:23:00	2.9	2.7	-0.3	0.00	0.00	0.00	0.9	WNW
1/5/2024 12:24:00	3.0	2.3	-0.7	0.00	0.00	0.00	1.0	ENE
1/5/2024 12:25:00	2.8	2.3	-0.5	0.00	0.00	0.00	1.0	ESE
1/5/2024 12:26:00	2.7	2.3	-0.3	0.00	0.00	0.00	1.0	NE
1/5/2024 12:27:00	2.8	2.3	-0.5	0.00	0.00	0.00	1.0	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
1/5/2024 12:28:00	3.0	2.3	-0.7	0.00	0.00	0.00	1.0	SE
1/5/2024 12:29:00	3.0	2.2	-0.8	0.00	0.00	0.00	1.0	SE
1/5/2024 12:30:00	3.0	2.2	-0.8	0.00	0.00	0.00	1.0	E
1/5/2024 12:31:00	3.0	2.3	-0.7	0.00	0.00	0.00	0.9	SE
1/5/2024 12:32:00	3.0	2.3	-0.7	0.00	0.00	0.00	1.0	N
1/5/2024 12:33:00	3.0	2.4	-0.6	0.00	0.00	0.00	1.0	SSW
1/5/2024 12:34:00	3.0	2.4	-0.6	0.00	0.00	0.00	1.0	E
1/5/2024 12:35:00	3.0	2.5	-0.6	0.00	0.00	0.00	1.0	W
1/5/2024 12:36:00	3.0	2.6	-0.4	0.00	0.00	0.00	1.1	ESE
1/5/2024 12:37:00	3.1	2.8	-0.3	0.00	0.01	0.00	1.1	ESE
1/5/2024 12:38:00	3.3	3.0	-0.3	0.00	0.01	0.00	1.1	E
1/5/2024 12:39:00	3.3	3.3	0.0	0.00	0.01	0.01	1.0	NNW
1/5/2024 12:40:00	3.2	3.5	0.3	0.00	0.01	0.01	0.9	E
1/5/2024 12:41:00	3.4	3.7	0.3	0.00	0.01	0.01	1.0	E
1/5/2024 12:42:00	3.5	3.7	0.2	0.00	0.01	0.01	1.0	ENE
1/5/2024 12:43:00	3.4	3.8	0.3	0.00	0.01	0.01	1.0	E
1/5/2024 12:44:00	3.4	3.8	0.4	0.00	0.01	0.01	1.0	ESE
1/5/2024 12:45:00	3.4	3.9	0.5	0.00	0.01	0.01	1.0	ESE
1/5/2024 12:46:00	3.4	3.9	0.5	0.00	0.01	0.01	1.0	WSW
1/5/2024 12:47:00	3.7	4.0	0.4	0.00	0.01	0.01	1.0	NNW
1/5/2024 12:48:00	4.5	4.4	0.0	0.00	0.01	0.01	1.0	ENE
1/5/2024 12:49:00	5.7	5.0	-0.7	0.00	0.01	0.01	1.0	E
1/5/2024 12:50:00	6.9	5.9	-0.9	0.00	0.01	0.01	1.0	E
1/5/2024 12:51:00	7.5	6.6	-0.9	0.00	0.01	0.01	1.0	ESE
1/5/2024 12:52:00	7.7	6.9	-0.8	0.00	0.01	0.01	0.9	ENE
1/5/2024 12:53:00	7.7	7.0	-0.7	0.00	0.01	0.01	0.9	ESE
1/5/2024 12:54:00	7.8	6.9	-0.9	0.00	0.01	0.01	1.0	ESE
1/5/2024 12:55:00	8.6	6.8	-1.8	0.00	0.01	0.01	1.0	SSE
1/5/2024 12:56:00	8.5	9.2	0.6	0.00	0.01	0.01	1.0	ESE
1/5/2024 12:57:00	10.1	9.2	-0.9	0.00	0.01	0.01	1.0	WNW
1/5/2024 12:58:00	10.3	10.6	0.4	0.00	0.01	0.00	1.0	E
1/5/2024 12:59:00	10.4	10.8	0.3	0.00	0.00	0.00	1.1	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
1/5/2024 13:00:00	10.7	16.6	6.0	0.00	0.00	0.00	1.0	SE
1/5/2024 13:01:00	21.3	16.8	-4.5	0.00	0.00	0.00	1.1	W
1/5/2024 13:02:00	21.1	27.7	6.6	0.00	0.00	0.00	1.1	NNE
1/5/2024 13:03:00	20.3	29.6	9.3	0.00	0.00	0.00	1.1	E
1/5/2024 13:04:00	19.1	30.8	11.6	0.00	0.00	0.00	1.1	NE
1/5/2024 13:05:00	17.9	30.7	12.8	0.00	0.00	0.00	1.1	E
1/5/2024 13:06:00	17.3	33.8	16.5	0.00	0.00	0.00	1.1	ESE
1/5/2024 13:07:00	17.1	33.3	16.2	0.00	0.00	0.00	1.2	ESE
1/5/2024 13:08:00	17.2	36.8	19.6	0.00	0.01	0.00	1.2	ESE
1/5/2024 13:09:00	17.2	39.5	22.3	0.00	0.01	0.01	1.2	ESE
1/5/2024 13:10:00	16.3	42.3	25.9	0.00	0.01	0.01	1.2	E
1/5/2024 13:11:00	16.3	51.8	35.5	0.00	0.01	0.01	1.2	NE
1/5/2024 13:12:00	14.6	60.7	46.0	0.00	0.01	0.01	1.2	E
1/5/2024 13:13:00	14.7	61.0	46.4	0.00	0.01	0.01	1.2	ESE
1/5/2024 13:14:00	14.7	73.5	58.8	0.00	0.01	0.01	1.1	SE
1/5/2024 13:15:00	26.2	67.7	41.5	0.00	0.01	0.01	1.1	WNW
1/5/2024 13:16:00	19.2	67.7	48.5	0.00	0.01	0.01	1.1	W
1/5/2024 13:17:00	20.9	56.9	36.0	0.00	0.01	0.01	1.1	WNW
1/5/2024 13:18:00	21.8	54.7	32.9	0.00	0.01	0.01	1.1	NW
1/5/2024 13:19:00	22.0	53.5	31.5	0.00	0.01	0.01	1.1	NE
1/5/2024 13:20:00	22.4	53.0	30.6	0.00	0.01	0.01	1.2	W
1/5/2024 13:21:00	24.0	49.7	25.6	0.00	0.01	0.01	1.2	W
1/5/2024 13:22:00	24.4	52.9	28.5	0.00	0.01	0.01	1.2	N
1/5/2024 13:23:00	26.2	49.4	23.2	0.00	0.01	0.00	1.1	WNW
1/5/2024 13:24:00	27.0	46.7	19.7	0.01	0.00	0.00	1.1	WNW
1/5/2024 13:25:00	28.2	44.0	15.9	0.01	0.00	0.00	1.2	W
1/5/2024 13:26:00	28.4	32.5	4.1	0.01	0.01	0.00	1.2	SE
1/5/2024 13:27:00	28.8	23.8	-4.9	0.01	0.00	-0.01	1.2	W
1/5/2024 13:28:00	29.2	22.4	-6.8	0.01	0.00	-0.01	1.3	WNW
1/5/2024 13:29:00	29.4	11.0	-18.4	0.01	0.00	-0.01	1.3	E
1/5/2024 13:30:00	19.5	11.0	-8.4	0.01	0.00	-0.01	1.3	WSW
1/5/2024 13:31:00	16.4	11.3	-5.0	0.01	0.01	-0.01	1.3	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
1/5/2024 13:32:00	14.9	11.3	-3.6	0.01	0.01	-0.01	1.3	ESE
1/5/2024 13:33:00	14.3	11.4	-2.9	0.01	0.01	-0.01	1.3	SSW
1/5/2024 13:34:00	14.5	11.0	-3.4	0.02	0.01	-0.01	1.3	SW
1/5/2024 13:35:00	14.2	11.0	-3.2	0.02	0.01	-0.01	1.2	ESE
1/5/2024 13:36:00	12.8	10.8	-1.9	0.02	0.01	0.00	1.2	ENE
1/5/2024 13:37:00	12.5	7.8	-4.7	0.02	0.01	-0.01	1.2	W
1/5/2024 13:38:00	10.8	7.9	-2.9	0.02	0.01	-0.01	1.1	W
1/5/2024 13:39:00	10.1	8.0	-2.0	0.01	0.01	0.00	1.1	WSW
1/5/2024 13:40:00	9.0	8.0	-0.9	0.01	0.01	0.00	1.2	W
1/5/2024 13:41:00	8.9	7.7	-1.1	0.01	0.01	0.00	1.2	W
1/5/2024 13:42:00	8.4	7.5	-0.9	0.01	0.01	0.00	1.1	W
1/5/2024 13:43:00	8.0	7.2	-0.7	0.01	0.01	0.00	1.0	ENE
1/5/2024 13:44:00	7.7	6.2	-1.6	0.01	0.01	0.00	1.0	SW
1/5/2024 13:45:00	5.9	6.1	0.2	0.01	0.01	0.00	1.1	ENE
1/5/2024 13:46:00	5.4	5.6	0.3	0.01	0.01	0.00	1.1	WSW
1/5/2024 13:47:00	5.2	5.5	0.3	0.01	0.01	0.00	1.0	ENE
1/5/2024 13:48:00	5.2	5.5	0.3	0.01	0.01	0.00	1.1	ENE
1/5/2024 13:49:00	4.9	5.5	0.7	0.01	0.01	0.00	1.1	SE
1/5/2024 13:50:00	4.8	5.4	0.5	0.01	0.01	0.00	1.1	ENE
1/5/2024 13:51:00	4.8	5.3	0.5	0.01	0.01	0.00	1.1	NE
1/5/2024 13:52:00	4.7	5.4	0.7	0.01	0.01	0.00	1.0	E
1/5/2024 13:53:00	4.6	5.3	0.7	0.01	0.01	0.00	1.0	E
1/5/2024 13:54:00	4.6	5.2	0.6	0.00	0.01	0.00	1.0	ESE
1/5/2024 13:55:00	4.6	5.1	0.5	0.00	0.01	0.00	1.0	ENE
1/5/2024 13:56:00	4.6	5.2	0.5	0.00	0.01	0.01	1.0	E
1/5/2024 13:57:00	4.6	5.3	0.7	0.00	0.01	0.01	1.0	ESE
1/5/2024 13:58:00	4.8	5.4	0.6	0.00	0.01	0.01	1.0	WNW
1/5/2024 13:59:00	5.1	5.8	0.8	0.00	0.01	0.01	1.0	W
1/5/2024 14:00:00	5.5	6.2	0.7	0.00	0.01	0.00	1.0	NW
1/5/2024 14:01:00	6.5	6.4	-0.1	0.00	0.01	0.00	1.0	WNW
1/5/2024 14:02:00	6.5	7.8	1.2	0.00	0.01	0.00	1.0	ESE
1/5/2024 14:03:00	6.7	8.5	1.8	0.00	0.01	0.01	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
1/5/2024 14:04:00	7.1	8.6	1.5	0.00	0.01	0.00	1.0	WNW
1/5/2024 14:05:00	7.4	8.7	1.3	0.01	0.01	0.00	1.0	NW
1/5/2024 14:06:00	7.6	8.6	1.0	0.01	0.01	0.00	1.0	SW
1/5/2024 14:07:00	7.8	8.6	0.9	0.01	0.01	0.00	1.0	SE
1/5/2024 14:08:00	7.9	8.7	0.7	0.01	0.01	0.00	1.1	W
1/5/2024 14:09:00	7.9	8.8	1.0	0.01	0.01	0.00	1.1	SE
1/5/2024 14:10:00	7.9	9.8	2.0	0.01	0.01	0.00	1.1	ESE
1/5/2024 14:11:00	7.8	14.9	7.1	0.01	0.01	0.00	1.1	E
1/5/2024 14:12:00	13.2	14.8	1.6	0.01	0.01	0.00	1.1	W
1/5/2024 14:13:00	13.1	19.3	6.2	0.01	0.01	0.00	1.1	ESE
1/5/2024 14:14:00	12.8	26.3	13.4	0.01	0.01	0.00	1.1	ESE
1/5/2024 14:15:00	12.5	28.4	15.9	0.01	0.01	0.00	1.0	E
1/5/2024 14:16:00	11.6	32.0	20.4	0.01	0.01	0.00	1.0	ESE
1/5/2024 14:17:00	11.6	30.8	19.1	0.01	0.01	0.00	1.0	ESE
1/5/2024 14:18:00	11.3	30.6	19.3	0.01	0.01	0.00	1.0	NE
1/5/2024 14:19:00	10.9	30.5	19.5	0.00	0.01	0.00	1.0	NE
1/5/2024 14:20:00	10.7	30.4	19.7	0.00	0.01	0.00	1.0	ENE
1/5/2024 14:21:00	10.5	30.6	20.1	0.00	0.01	0.01	0.9	E
1/5/2024 14:22:00	10.4	30.9	20.5	0.00	0.01	0.00	0.9	NE
1/5/2024 14:23:00	10.3	31.0	20.7	0.00	0.01	0.01	0.8	E
1/5/2024 14:24:00	10.6	30.7	20.1	0.00	0.01	0.00	0.8	NW
1/5/2024 14:25:00	10.6	29.8	19.2	0.00	0.01	0.00	0.8	NE
1/5/2024 14:26:00	10.6	24.8	14.3	0.00	0.01	0.00	0.8	E
1/5/2024 14:27:00	5.3	24.9	19.6	0.00	0.01	0.00	0.8	WNW
1/5/2024 14:28:00	5.3	20.6	15.3	0.00	0.01	0.00	0.8	W
1/5/2024 14:29:00	5.5	13.5	8.0	0.00	0.01	0.00	0.8	WNW
1/5/2024 14:30:00	5.8	11.4	5.7	0.00	0.01	0.00	0.9	NNE
1/5/2024 14:31:00	5.7	7.8	2.1	0.00	0.01	0.00	0.9	E
1/5/2024 14:32:00	5.7	9.0	3.3	0.00	0.01	0.00	1.0	E
1/5/2024 14:33:00	5.7	9.7	4.0	0.00	0.01	0.00	0.9	NE
1/5/2024 14:34:00	5.7	10.1	4.3	0.00	0.01	0.00	0.9	ENE
1/5/2024 14:35:00	6.0	11.2	5.2	0.00	0.01	0.00	1.0	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
1/5/2024 14:36:00	6.0	11.4	5.4	0.00	0.01	0.00	1.1	SE
1/5/2024 14:37:00	6.3	11.1	4.7	0.00	0.01	0.00	1.1	SW
1/5/2024 14:38:00	6.3	11.1	4.7	0.00	0.01	0.00	1.1	ESE
1/5/2024 14:39:00	6.2	13.9	7.7	0.00	0.01	0.00	1.1	E
1/5/2024 14:40:00	6.2	17.5	11.3	0.00	0.00	0.00	1.1	ESE
1/5/2024 14:41:00	6.3	17.6	11.3	0.00	0.00	0.00	1.1	ENE
1/5/2024 14:42:00	6.2	17.7	11.5	0.00	0.00	0.00	1.1	ESE
1/5/2024 14:43:00	6.1	23.7	17.6	0.00	0.00	0.00	1.0	E
1/5/2024 14:44:00	6.0	28.1	22.1	0.00	0.00	0.00	1.0	E
1/5/2024 14:45:00	5.8	28.1	22.4	0.00	0.00	0.00	1.0	SE
1/5/2024 14:46:00	5.7	29.0	23.3	0.00	0.00	0.00	1.0	E
1/5/2024 14:47:00	21.6	28.0	6.3	0.00	0.00	0.00	0.9	SSW
1/5/2024 14:48:00	21.7	29.1	7.3	0.00	0.00	0.00	1.0	NE
1/5/2024 14:49:00	22.9	28.7	5.8	0.00	0.00	0.00	1.0	W
1/5/2024 14:50:00	22.6	31.1	8.4	0.00	0.00	0.00	0.9	ESE
1/5/2024 14:51:00	22.5	32.8	10.2	0.00	0.00	0.00	0.9	ESE
1/5/2024 14:52:00	22.3	33.9	11.6	0.00	0.00	0.00	0.9	NNE
1/5/2024 14:53:00	22.3	34.1	11.8	0.00	0.00	0.00	0.9	NNE
1/5/2024 14:54:00	22.3	31.3	9.0	0.00	0.00	0.00	0.9	ESE
1/5/2024 14:55:00	22.3	27.6	5.3	0.00	0.00	0.00	0.9	E
1/5/2024 14:56:00	22.2	27.3	5.1	0.00	0.00	0.00	0.9	ESE
1/5/2024 14:57:00	22.1	27.0	4.9	0.00	0.00	0.00	0.9	E
1/5/2024 14:58:00	22.0	20.6	-1.5	0.00	0.00	0.00	0.9	ENE
1/5/2024 14:59:00	21.9	15.8	-6.1	0.00	0.00	0.00	0.9	ESE
1/5/2024 15:00:00				0.00	0.00	0.00	0.9	SE
1/5/2024 15:01:00				0.00	0.00	0.00	0.9	E
1/5/2024 15:02:00				0.00	0.00	0.00	0.9	ENE
1/5/2024 15:03:00	4.2	19.1	14.9	0.00	0.00	0.00	0.9	ESE
1/5/2024 15:04:00	4.7	14.7	10.0	0.00	0.00	0.00	0.9	ESE
1/5/2024 15:05:00	4.9	11.8	6.8	0.00	0.00	0.00	1.0	ESE
1/5/2024 15:06:00	5.3	10.2	5.0	0.00	0.00	0.00	1.0	E
1/5/2024 15:07:00	6.7	9.4	2.7	0.00	0.01	0.00	1.0	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
1/5/2024 15:08:00	8.6	9.0	0.4	0.00	0.01	0.01	1.0	E
1/5/2024 15:09:00	8.7	13.3	4.6	0.00	0.01	0.01	1.0	ESE
1/5/2024 15:10:00	8.5	28.5	20.0	0.00	0.01	0.01	0.9	NNE
1/5/2024 15:11:00	14.4	25.9	11.5	0.00	0.01	0.01	0.9	WNW
1/5/2024 15:12:00	14.0	23.7	9.7	0.00	0.01	0.01	1.0	WNW
1/5/2024 15:13:00	13.0	22.2	9.2	0.00	0.01	0.01	0.9	E
1/5/2024 15:14:00	12.2	24.2	12.0	0.00	0.01	0.01	0.9	NNE
1/5/2024 15:15:00	11.4	27.3	15.9	0.00	0.01	0.01	0.9	N
1/5/2024 15:16:00	10.8	26.1	15.3	0.00	0.01	0.01	0.9	ENE
1/5/2024 15:17:00	10.5	24.5	14.0	0.00	0.01	0.01	0.9	S
1/5/2024 15:18:00	10.7	23.5	12.8	0.00	0.01	0.01	0.9	SSE
1/5/2024 15:19:00	10.9	23.2	12.3	0.00	0.01	0.01	0.9	WNW
1/5/2024 15:20:00	10.8	23.2	12.4	0.00	0.01	0.00	0.9	W
1/5/2024 15:21:00	10.9	23.2	12.3	0.00	0.01	0.00	0.9	NNE
1/5/2024 15:22:00	10.4	23.1	12.6	0.00	0.01	0.00	0.9	WNW
1/5/2024 15:23:00	9.6	22.9	13.3	0.00	0.00	0.00	0.9	NW
1/5/2024 15:24:00	9.2	20.6	11.4	0.00	0.00	0.00	0.9	ESE
1/5/2024 15:25:00	8.9	11.9	3.0	0.00	0.00	0.00	0.9	NE
1/5/2024 15:26:00	5.2	12.0	6.8	0.00	0.00	0.00	0.8	ESE
1/5/2024 15:27:00	4.7	12.2	7.4	0.00	0.00	0.00	0.8	E
1/5/2024 15:28:00	4.8	12.1	7.3	0.00	0.00	0.00	0.8	ESE
1/5/2024 15:29:00	5.0	9.3	4.3	0.00	0.00	0.00	0.8	WNW
1/5/2024 15:30:00	5.1	5.3	0.2	0.00	0.00	0.00	0.8	ESE
1/5/2024 15:31:00	5.2	4.9	-0.3	0.00	0.00	0.00	0.8	E
1/5/2024 15:32:00	5.1	5.0	-0.1	0.00	0.00	0.00	0.8	E
1/5/2024 15:33:00	5.0	5.0	0.1	0.00	0.00	0.00	0.8	SE
1/5/2024 15:34:00	4.8	4.9	0.1	0.00	0.00	0.00	0.8	ESE
1/5/2024 15:35:00	4.7	4.8	0.1	0.00	0.00	0.00	0.9	W
1/5/2024 15:36:00	4.6	4.8	0.2	0.00	0.00	0.00	0.9	ENE
1/5/2024 15:37:00	4.5	4.8	0.4	0.00	0.00	0.00	0.9	ESE
1/5/2024 15:38:00	4.5	4.9	0.4	0.00	0.00	0.00	0.9	ENE
1/5/2024 15:39:00	4.5	4.8	0.2	0.00	0.00	0.00	0.8	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
1/5/2024 15:40:00	4.6	4.6	0.0	0.00	0.00	0.00	0.9	WNW
1/5/2024 15:41:00	4.5	4.7	0.2	0.00	0.00	0.00	0.9	ESE
1/5/2024 15:42:00	4.8	4.6	-0.2	0.00	0.00	0.00	0.9	SW
1/5/2024 15:43:00	5.0	4.5	-0.5	0.00	0.00	0.00	0.9	S
1/5/2024 15:44:00	4.8	4.6	-0.2	0.00	0.00	0.00	0.9	ESE
1/5/2024 15:45:00	4.7	4.6	-0.1	0.00	0.00	0.00	0.9	ESE
1/5/2024 15:46:00	4.8	4.6	-0.3	0.00	0.00	0.00	0.9	NE
1/5/2024 15:47:00	4.8	4.5	-0.3	0.00	0.00	0.00	0.9	W
1/5/2024 15:48:00	4.7	4.6	-0.1	0.00	0.00	0.00	0.9	ESE
1/5/2024 15:49:00	4.6	4.7	0.1	0.00	0.00	0.00	0.9	NE
1/5/2024 15:50:00	4.6	4.5	-0.1	0.01	0.00	0.00	0.8	WNW
1/5/2024 15:51:00	4.6	4.5	-0.1	0.01	0.00	0.00	0.8	WNW
1/5/2024 15:52:00	4.6	4.5	-0.1	0.01	0.00	0.00	0.8	E
1/5/2024 15:53:00	4.6	4.5	0.0	0.01	0.00	0.00	0.9	ESE
1/5/2024 15:54:00	4.5	4.6	0.0	0.01	0.00	0.00	0.9	WNW
1/5/2024 15:55:00	4.4	4.5	0.1	0.00	0.00	0.00	0.9	WSW
1/5/2024 15:56:00	4.4	4.3	-0.1	0.00	0.00	0.00	0.9	ENE
1/5/2024 15:57:00	4.2	4.3	0.1	0.00	0.00	0.00	0.9	WNW
1/5/2024 15:58:00	4.0	4.2	0.2	0.00	0.00	0.00	0.9	W
1/5/2024 15:59:00	4.1	4.1	0.1	0.01	0.00	0.00	0.9	NW
1/5/2024 16:00:00	4.2	4.1	0.0	0.01	0.00	0.00	0.9	W
1/5/2024 16:01:00	4.2	4.3	0.1	0.01	0.00	0.00	0.9	WSW
1/5/2024 16:02:00	4.1	4.3	0.2	0.01	0.00	0.00	0.9	WSW
1/5/2024 16:03:00	4.2	4.3	0.1	0.01	0.00	0.00	0.9	NNE
1/5/2024 16:04:00	4.2	4.2	0.0	0.01	0.00	0.00	0.8	ENE
1/5/2024 16:05:00	4.1	4.3	0.1	0.00	0.00	0.00	0.9	ESE
1/5/2024 16:06:00	4.0	4.2	0.2	0.00	0.00	0.00	0.9	SSE
1/5/2024 16:07:00	4.0	4.0	0.1	0.00	0.00	0.00	0.8	S
1/5/2024 16:08:00	3.9	4.0	0.0	0.00	0.00	0.00	0.8	NE
1/5/2024 16:09:00	3.9	3.9	0.0	0.00	0.00	0.00	0.8	W
1/5/2024 16:10:00	3.8	3.9	0.1	0.00	0.00	0.00	0.8	WNW
1/5/2024 16:11:00	3.9	3.9	0.1	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
1/5/2024 16:12:00	3.8	3.9	0.1	0.00	0.00	0.00	0.8	W
1/5/2024 16:13:00	3.8	3.9	0.1	0.00	0.00	0.00	0.8	W
1/5/2024 16:14:00	3.8	3.9	0.1	0.00	0.00	0.00	0.8	ESE
1/5/2024 16:15:00	3.8	3.9	0.1	0.00	0.00	0.00	0.8	NW
1/5/2024 16:16:00	3.7	3.8	0.0	0.00	0.00	0.00	0.8	WSW
1/5/2024 16:17:00	3.7	3.6	-0.1	0.00	0.00	0.00	0.8	NW
1/5/2024 16:18:00	3.6	3.6	0.0	0.00	0.00	0.00	0.8	N
1/5/2024 16:19:00	3.6	3.7	0.1	0.00	0.00	0.00	0.9	E
1/5/2024 16:20:00	3.6	3.7	0.1	0.00	0.00	0.00	0.9	ENE
1/5/2024 16:21:00	3.6	3.7	0.1	0.00	0.00	0.00	0.9	W
1/5/2024 16:22:00	3.6	3.7	0.1	0.00	0.00	0.00	0.9	WNW
1/5/2024 16:23:00	3.6	3.7	0.1	0.00	0.00	0.00	0.9	W
1/5/2024 16:24:00	3.7	3.8	0.1	0.00	0.00	0.00	0.9	SSW
1/5/2024 16:25:00	3.7	3.7	0.0	0.00	0.00	0.00	0.9	SW
1/5/2024 16:26:00	3.7	3.8	0.0	0.00	0.00	0.00	0.9	E
1/5/2024 16:27:00	3.7	3.8	0.2	0.00	0.00	0.00	0.9	NE