

**DAILY FIELD REPORT 085**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	October 5, 2023
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	7:00 am to 5:30 pm
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<b>Consultant:</b> Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	<b>Langan Field Personnel:</b> Brian Kenneally (Environmental) Xianglei Zheng (Geotechnical)
<b>Construction Manager:</b> Consigli Construction Co., Inc. (Consigli)	
<b>Foundation Contractor:</b> Urban Foundation/Engineering (Urban)	

**Work Activities Performed:**

- Urban excavated an about 50-foot-long by 50-foot-wide area of soil/fill to about 1 foot below grade surface (bgs) in the central part of the site (waste characterization grid WC03) to prepare for equipment mobilization. Excavated soil/fill was stockpiled in the central part of WC03, pending 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 drilled two rock sockets for two caissons using a Bauer BG33H Drill Rig and a Bauer BG28H Drill Rig in the eastern and western parts of the site.
- Urban re-advanced four casings for four caissons using an Urban Custom Build Drill Rig in the eastern and western parts of the site.
- Urban advanced one new casing for one caisson using an Urban Custom Build Drill Rig in the western part of the site.

**Material Tracking:**

- No soil/fill was exported from the site.
- 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	-	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)
	104	2,080	29	580	0	-	14	280

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

**Samples Collected:**

- No samples were collected.

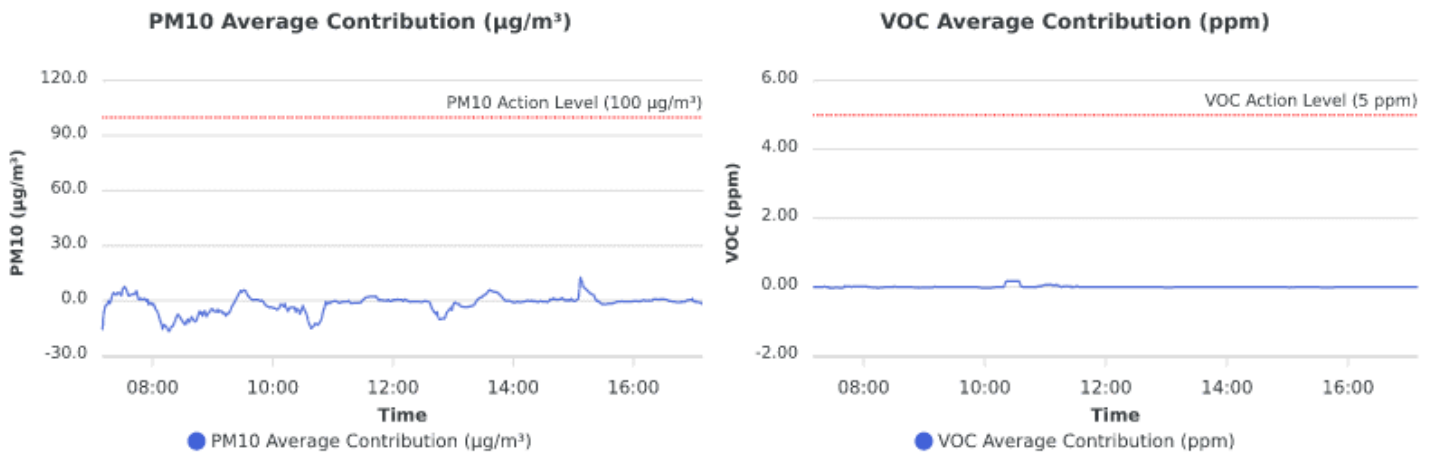
**Air Monitoring:**

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	36.5	Daily Background	0.00
0PM10 Average Site Contribution (Minimum)	-16.5	VOC Average Site Contribution (Minimum)	-0.04
PM10 Average Site Contribution (Maximum)	12.8	VOC Average Site Contribution (Maximum)	0.17

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

ppm: parts per million.



**Planned Activities:**

- Urban will continue installing caisson casings throughout the site.
- Urban will apply grout to caissons.

**SITE PLAN**



- Site Boundary**
- Waste Characterization Grid Boundary**
- CAMP station 1**
- CAMP station 2**
- Stockpile – Soil (no impacts)**
- Stockpile – C&D**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- Completed Soil-Mix Column**
- Completed Caisson Casing**
- Completed Caisson**
- Installed Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- Completed Soil-Mix Core**
- Approximate Location of the Former UST**

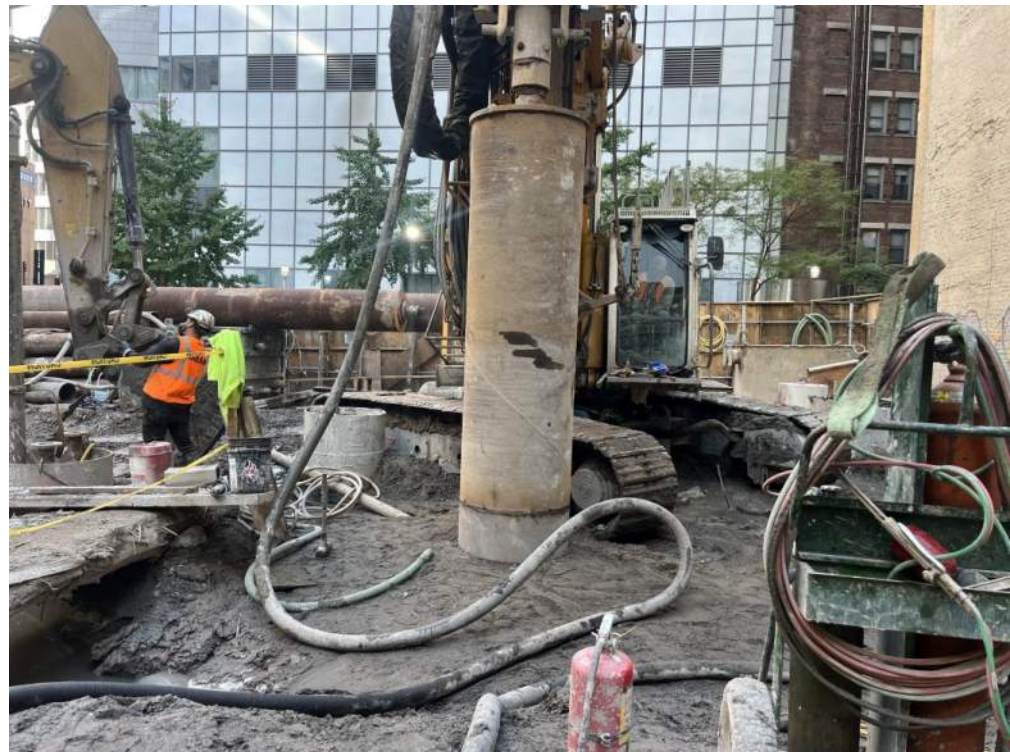
**Note:** Waste characterization grid areas were developed by PT Consultants and Urban and is shown on this site plan for reference only.

## Photo Log

**Photo 1:** View of Urban excavating soil/fill in the northern part of the site (facing north).



**Photo 2:** View of Urban advancing a casing in the eastern part of the site (facing north).



<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	10/5/2023 06:00
		<b>To:</b>	10/5/2023 18:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

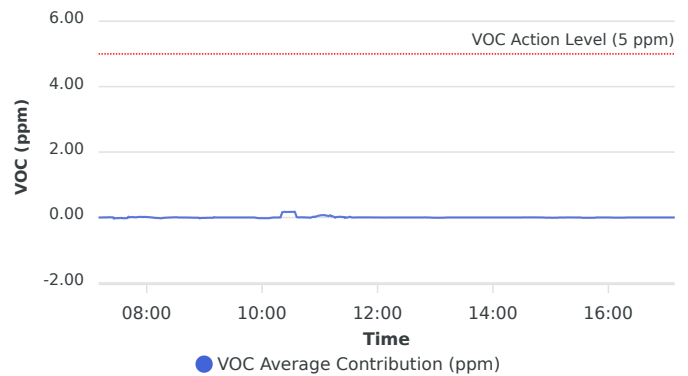
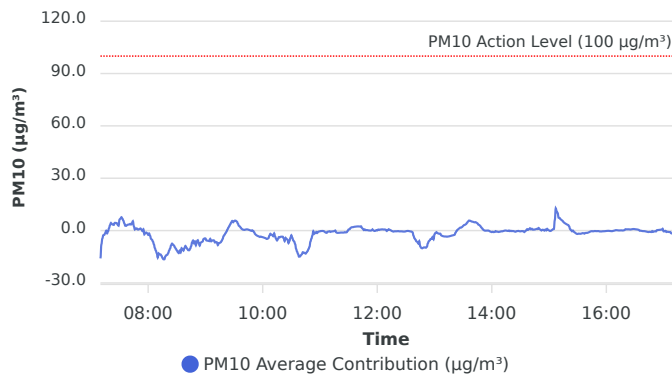
<b>Daily Environmental Summary</b>	<b>Windspeed (mph)</b>	<b>Prevailing wind direction</b>
10/5/2023	0.2-3.2	NW

<b>Daily Monitoring Summary</b>	<b>PM10 (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Time</b>	<b>VOC (ppm)</b>	<b>Time</b>
<b>Min Contribution (15 min avg.) - 10/5/2023</b>	-16.5	08:16	-0.04	07:26
<b>Max Contribution (15 min avg.) - 10/5/2023</b>	12.8	15:07	0.17	10:34

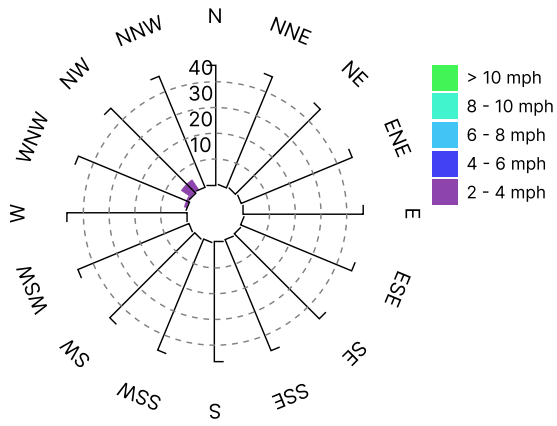


**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**

**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
10/5/2023 07:09:00							0.4	WSW
10/5/2023 07:10:00	36.5	20.6	-15.9	0.00	0.00	0.00	0.6	NE
10/5/2023 07:11:00	28.0	20.1	-7.9	0.00	0.00	0.00	0.6	NW
10/5/2023 07:12:00	24.1	19.5	-4.5	0.00	0.00	0.00	0.6	E
10/5/2023 07:13:00	21.5	18.9	-2.6	0.00	0.00	0.00	0.6	NW
10/5/2023 07:14:00	20.4	18.0	-2.5	0.00	0.00	0.00	0.7	WNW
10/5/2023 07:15:00	19.4	17.9	-1.5	0.00	0.00	0.00	0.7	NW
10/5/2023 07:16:00	18.6	18.4	-0.1	0.00	0.00	0.00	0.7	NNE
10/5/2023 07:17:00	19.7	18.1	-1.6	0.00	0.00	0.00	0.7	WNW
10/5/2023 07:18:00	19.3	19.0	-0.4	0.00	0.01	0.00	0.7	NW
10/5/2023 07:19:00	18.9	20.4	1.4	0.00	0.01	0.01	0.7	NW
10/5/2023 07:20:00	18.5	21.6	3.1	0.00	0.01	0.01	0.7	SE
10/5/2023 07:21:00	18.3	22.6	4.4	0.00	0.01	0.01	0.6	SE
10/5/2023 07:22:00	18.6	22.4	3.8	0.00	0.01	0.01	0.6	SSE
10/5/2023 07:23:00	18.7	22.1	3.4	0.00	0.01	0.00	0.7	SE
10/5/2023 07:24:00	18.5	21.7	3.3	0.00	0.01	0.01	0.7	ESE
10/5/2023 07:25:00	17.2	21.6	4.4	0.01	0.01	0.00	0.7	SE
10/5/2023 07:26:00	17.2	21.6	4.4	0.04	0.01	-0.04	0.7	ENE
10/5/2023 07:27:00	17.3	21.6	4.3	0.05	0.02	-0.02	0.6	SSW
10/5/2023 07:28:00	18.4	21.8	3.5	0.05	0.03	-0.02	0.6	N
10/5/2023 07:29:00	20.3	23.1	2.8	0.05	0.03	-0.02	0.6	SSW
10/5/2023 07:30:00	21.1	27.5	6.3	0.05	0.03	-0.02	0.6	NE
10/5/2023 07:31:00	21.5	28.4	6.9	0.05	0.03	-0.02	0.6	E
10/5/2023 07:32:00	21.1	28.7	7.7	0.05	0.03	-0.02	0.6	NNE
10/5/2023 07:33:00	21.4	28.2	6.8	0.05	0.03	-0.02	0.6	ESE
10/5/2023 07:34:00	21.6	27.3	5.7	0.05	0.03	-0.02	0.6	ESE
10/5/2023 07:35:00	22.1	26.3	4.2	0.05	0.03	-0.02	0.6	NW
10/5/2023 07:36:00	22.7	25.4	2.8	0.05	0.03	-0.02	0.6	W
10/5/2023 07:37:00	22.7	25.4	2.7	0.05	0.03	-0.02	0.6	SW
10/5/2023 07:38:00	22.4	25.6	3.2	0.05	0.03	-0.02	0.6	NNW
10/5/2023 07:39:00	22.4	25.8	3.4	0.05	0.03	-0.02	0.6	N
10/5/2023 07:40:00	22.3	25.8	3.5	0.05	0.03	-0.02	0.5	NE



Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 07:41:00	22.1	25.9	3.8	0.01	0.03	0.02	0.5	NE
10/5/2023 07:42:00	22.2	25.7	3.5	0.01	0.02	0.01	0.6	SE
10/5/2023 07:43:00	21.3	25.6	4.3	0.01	0.02	0.01	0.6	ESE
10/5/2023 07:44:00	19.4	24.8	5.4	0.01	0.02	0.01	0.6	SE
10/5/2023 07:45:00	18.5	21.0	2.5	0.01	0.02	0.01	0.6	N
10/5/2023 07:46:00	19.5	20.1	0.6	0.01	0.02	0.01	0.6	SSE
10/5/2023 07:47:00	19.6	20.8	1.1	0.01	0.02	0.01	0.6	SE
10/5/2023 07:48:00	20.1	21.3	1.3	0.01	0.02	0.01	0.6	WNW
10/5/2023 07:49:00	20.8	21.4	0.6	0.01	0.02	0.01	0.6	SE
10/5/2023 07:50:00	20.7	21.4	0.6	0.01	0.02	0.01	0.6	SE
10/5/2023 07:51:00	20.2	21.2	1.0	0.01	0.02	0.01	0.7	SE
10/5/2023 07:52:00	19.8	21.0	1.2	0.01	0.02	0.02	0.7	SE
10/5/2023 07:53:00	19.9	20.5	0.6	0.01	0.02	0.02	0.7	SE
10/5/2023 07:54:00	20.6	20.3	-0.3	0.01	0.02	0.02	0.7	ESE
10/5/2023 07:55:00	20.5	21.2	0.7	0.01	0.02	0.02	0.8	ESE
10/5/2023 07:56:00	23.3	21.1	-2.2	0.01	0.02	0.01	0.8	SW
10/5/2023 07:57:00	23.7	22.5	-1.3	0.01	0.02	0.02	0.8	ESE
10/5/2023 07:58:00	23.9	22.8	-1.1	0.01	0.02	0.02	0.7	ENE
10/5/2023 07:59:00	24.1	22.5	-1.6	0.01	0.02	0.02	0.7	N
10/5/2023 08:00:00	24.2	21.8	-2.4	0.01	0.02	0.01	0.7	SSE
10/5/2023 08:01:00	23.2	21.5	-1.7	0.01	0.02	0.01	0.7	WNW
10/5/2023 08:02:00	23.6	20.7	-3.0	0.01	0.02	0.01	0.7	NW
10/5/2023 08:03:00	24.4	19.7	-4.7	0.01	0.02	0.01	0.8	NW
10/5/2023 08:04:00	24.2	19.0	-5.3	0.01	0.01	0.01	0.8	WNW
10/5/2023 08:05:00	24.8	18.5	-6.3	0.01	0.01	0.00	0.8	WNW
10/5/2023 08:06:00	25.9	18.1	-7.9	0.01	0.01	0.00	0.7	NW
10/5/2023 08:07:00	27.7	17.7	-10.0	0.01	0.01	-0.01	0.7	WNW
10/5/2023 08:08:00	28.9	17.5	-11.5	0.02	0.01	-0.01	0.7	SW
10/5/2023 08:09:00	30.2	17.3	-12.9	0.02	0.01	-0.01	0.6	NW
10/5/2023 08:10:00	31.5	16.1	-15.5	0.02	0.00	-0.01	0.6	WNW
10/5/2023 08:11:00	29.2	16.1	-13.1	0.02	0.00	-0.01	0.6	NW
10/5/2023 08:12:00	28.5	14.9	-13.6	0.02	0.00	-0.02	0.5	NW
10/5/2023 08:13:00	28.2	14.5	-13.7	0.02	0.00	-0.02	0.5	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
10/5/2023 08:14:00	29.0	14.5	-14.5	0.02	0.00	-0.02	0.6	WNW
10/5/2023 08:15:00	30.0	14.3	-15.7	0.02	0.00	-0.02	0.6	W
10/5/2023 08:16:00	30.4	13.9	-16.5	0.02	0.00	-0.02	0.6	WSW
10/5/2023 08:17:00	29.8	13.4	-16.4	0.02	0.01	-0.01	0.5	SSE
10/5/2023 08:18:00	28.2	13.4	-14.8	0.02	0.01	-0.01	0.5	S
10/5/2023 08:19:00	27.5	13.4	-14.1	0.02	0.01	-0.01	0.5	WNW
10/5/2023 08:20:00	27.2	13.3	-13.9	0.02	0.01	-0.01	0.5	NW
10/5/2023 08:21:00	26.2	13.3	-12.9	0.01	0.01	-0.01	0.5	SW
10/5/2023 08:22:00	24.7	13.3	-11.4	0.01	0.01	0.00	0.5	S
10/5/2023 08:23:00	23.5	13.3	-10.2	0.01	0.01	0.00	0.5	SW
10/5/2023 08:24:00	21.6	13.1	-8.5	0.01	0.01	0.00	0.5	W
10/5/2023 08:25:00	20.3	12.8	-7.5	0.01	0.01	0.00	0.6	WNW
10/5/2023 08:26:00	20.2	12.2	-8.0	0.01	0.01	0.00	0.6	S
10/5/2023 08:27:00	20.3	11.7	-8.6	0.01	0.01	0.00	0.6	SE
10/5/2023 08:28:00	20.7	11.1	-9.6	0.01	0.01	0.00	0.7	W
10/5/2023 08:29:00	21.0	10.6	-10.4	0.01	0.01	0.01	0.7	NW
10/5/2023 08:30:00	21.6	10.2	-11.3	0.00	0.01	0.01	0.7	WNW
10/5/2023 08:31:00	22.2	10.0	-12.2	0.00	0.01	0.01	0.8	NW
10/5/2023 08:32:00	22.7	9.8	-12.9	0.00	0.00	0.00	0.8	WNW
10/5/2023 08:33:00	22.1	10.6	-11.5	0.00	0.00	0.00	0.9	NW
10/5/2023 08:34:00	22.9	10.4	-12.6	0.00	0.00	0.00	1.0	NW
10/5/2023 08:35:00	21.8	11.7	-10.1	0.00	0.00	0.00	1.0	NW
10/5/2023 08:36:00	22.5	11.6	-10.9	0.00	0.00	0.00	1.0	NW
10/5/2023 08:37:00	23.1	11.6	-11.5	0.00	0.00	0.00	1.0	WNW
10/5/2023 08:38:00	22.4	12.4	-10.0	0.00	0.00	0.00	1.0	NW
10/5/2023 08:39:00	22.0	13.2	-8.8	0.00	0.00	0.00	1.0	NNW
10/5/2023 08:40:00	23.0	13.3	-9.7	0.00	0.00	0.00	1.0	NW
10/5/2023 08:41:00	23.8	13.3	-10.5	0.00	0.00	0.00	1.0	NW
10/5/2023 08:42:00	24.6	13.3	-11.3	0.01	0.01	0.00	1.0	NW
10/5/2023 08:43:00	24.6	13.3	-11.3	0.01	0.01	0.00	1.1	NW
10/5/2023 08:44:00	23.7	13.3	-10.4	0.01	0.01	0.00	1.0	NW
10/5/2023 08:45:00	22.4	13.4	-8.9	0.02	0.01	0.00	1.0	NW
10/5/2023 08:46:00	20.9	14.1	-6.8	0.02	0.01	0.00	0.9	NW

Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 08:47:00	20.1	14.4	-5.7	0.02	0.01	-0.01	0.8	NW
10/5/2023 08:48:00	20.9	13.6	-7.3	0.02	0.01	-0.01	0.7	WNW
10/5/2023 08:49:00	20.4	14.1	-6.3	0.02	0.01	-0.01	0.7	WNW
10/5/2023 08:50:00	21.6	13.1	-8.4	0.02	0.01	-0.01	0.7	WNW
10/5/2023 08:51:00	20.2	14.0	-6.2	0.02	0.01	-0.01	0.7	NW
10/5/2023 08:52:00	19.4	13.8	-5.5	0.02	0.01	-0.01	0.8	NW
10/5/2023 08:53:00	20.1	12.8	-7.3	0.02	0.01	-0.01	0.8	NW
10/5/2023 08:54:00	20.6	12.0	-8.6	0.02	0.01	-0.01	0.9	NW
10/5/2023 08:55:00	19.3	12.4	-7.0	0.04	0.01	-0.03	0.9	NW
10/5/2023 08:56:00	18.7	12.1	-6.6	0.04	0.02	-0.02	0.9	WNW
10/5/2023 08:57:00	18.2	11.9	-6.3	0.03	0.02	-0.01	0.9	WNW
10/5/2023 08:58:00	17.3	12.4	-4.9	0.03	0.02	-0.01	0.9	NNW
10/5/2023 08:59:00	16.9	12.4	-4.5	0.03	0.02	-0.01	1.0	NW
10/5/2023 09:00:00	16.9	12.4	-4.5	0.03	0.01	-0.01	1.0	NW
10/5/2023 09:01:00	17.3	11.6	-5.7	0.02	0.01	-0.01	1.0	NW
10/5/2023 09:02:00	17.1	11.3	-5.8	0.02	0.01	-0.01	1.1	NW
10/5/2023 09:03:00	16.9	11.0	-5.9	0.02	0.01	-0.01	1.1	NW
10/5/2023 09:04:00	16.5	10.5	-6.0	0.02	0.01	-0.01	1.1	WNW
10/5/2023 09:05:00	15.3	10.6	-4.7	0.02	0.01	-0.01	1.1	NE
10/5/2023 09:06:00	15.6	9.5	-6.2	0.02	0.01	-0.01	1.0	NW
10/5/2023 09:07:00	15.2	9.4	-5.8	0.02	0.01	-0.01	1.0	NW
10/5/2023 09:08:00	15.0	9.4	-5.5	0.02	0.01	-0.01	1.0	NW
10/5/2023 09:09:00	14.9	9.2	-5.7	0.02	0.01	-0.01	0.9	NW
10/5/2023 09:10:00	15.5	8.7	-6.8	0.00	0.01	0.01	0.9	WNW
10/5/2023 09:11:00	15.3	8.8	-6.5	0.00	0.01	0.00	0.9	WNW
10/5/2023 09:12:00	15.5	8.8	-6.7	0.00	0.00	0.00	0.9	WNW
10/5/2023 09:13:00	16.6	8.2	-8.3	0.00	0.00	0.00	0.9	WNW
10/5/2023 09:14:00	16.1	8.9	-7.2	0.00	0.00	0.00	0.9	NW
10/5/2023 09:15:00	15.9	8.9	-7.1	0.00	0.00	0.00	0.9	NW
10/5/2023 09:16:00	15.7	8.9	-6.7	0.00	0.00	0.00	0.8	WNW
10/5/2023 09:17:00	15.3	9.4	-5.9	0.00	0.00	0.00	0.8	NNW
10/5/2023 09:18:00	15.1	10.3	-4.8	0.00	0.00	0.00	0.8	ENE
10/5/2023 09:19:00	14.7	11.5	-3.2	0.00	0.00	0.00	0.8	N

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 09:20:00	14.8	12.4	-2.4	0.00	0.00	0.00	0.8	SE
10/5/2023 09:21:00	14.5	13.0	-1.5	0.00	0.00	0.00	0.8	NE
10/5/2023 09:22:00	14.4	13.8	-0.7	0.00	0.00	0.00	0.8	E
10/5/2023 09:23:00	13.9	14.5	0.6	0.00	0.00	0.00	0.7	SE
10/5/2023 09:24:00	13.4	15.1	1.6	0.00	0.00	0.00	0.7	N
10/5/2023 09:25:00	12.8	15.4	2.6	0.00	0.00	0.00	0.7	ENE
10/5/2023 09:26:00	11.9	15.6	3.6	0.00	0.00	0.00	0.6	ENE
10/5/2023 09:27:00	11.1	15.7	4.6	0.00	0.00	0.00	0.6	SE
10/5/2023 09:28:00	10.2	15.7	5.5	0.00	0.00	0.00	0.6	SE
10/5/2023 09:29:00	10.3	15.1	4.8	0.00	0.00	0.00	0.6	SE
10/5/2023 09:30:00	9.8	15.2	5.3	0.00	0.00	0.00	0.6	ESE
10/5/2023 09:31:00	9.6	15.3	5.7	0.00	0.00	0.00	0.6	SE
10/5/2023 09:32:00	9.5	15.0	5.6	0.00	0.00	0.00	0.7	ESE
10/5/2023 09:33:00	9.4	14.4	5.1	0.00	0.00	0.00	0.7	SE
10/5/2023 09:34:00	9.4	13.4	4.0	0.00	0.00	0.00	0.7	WNW
10/5/2023 09:35:00	9.4	12.2	2.8	0.00	0.00	0.00	0.7	E
10/5/2023 09:36:00	9.4	11.8	2.4	0.00	0.00	0.00	0.7	N
10/5/2023 09:37:00	9.5	11.2	1.6	0.00	0.00	0.00	0.7	SE
10/5/2023 09:38:00	9.6	10.6	1.0	0.00	0.00	0.00	0.7	NNE
10/5/2023 09:39:00	9.6	10.2	0.6	0.00	0.00	0.00	0.7	NW
10/5/2023 09:40:00	9.6	10.1	0.5	0.00	0.00	0.00	0.7	NNE
10/5/2023 09:41:00	9.6	10.0	0.4	0.00	0.00	0.00	0.7	NNW
10/5/2023 09:42:00	9.5	10.1	0.6	0.00	0.00	0.00	0.7	NW
10/5/2023 09:43:00	9.5	10.2	0.7	0.00	0.00	0.00	0.7	NW
10/5/2023 09:44:00	9.5	10.2	0.7	0.00	0.00	0.00	0.7	NW
10/5/2023 09:45:00	9.6	10.1	0.5	0.00	0.00	0.00	0.7	NW
10/5/2023 09:46:00	9.6	9.9	0.3	0.00	0.00	0.00	0.7	WNW
10/5/2023 09:47:00	9.7	9.8	0.1	0.00	0.00	0.00	0.7	NW
10/5/2023 09:48:00	9.8	9.7	-0.1	0.00	0.00	0.00	0.7	NW
10/5/2023 09:49:00	9.7	9.8	0.1	0.00	0.00	0.00	0.8	NW
10/5/2023 09:50:00	9.9	9.7	-0.2	0.00	0.00	0.00	0.8	NW
10/5/2023 09:51:00	10.5	9.6	-0.9	0.00	0.00	0.00	0.9	NW
10/5/2023 09:52:00	11.4	9.5	-1.9	0.00	0.00	0.00	0.9	NW

Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 09:53:00	11.9	9.4	-2.5	0.01	0.00	-0.01	0.9	NW
10/5/2023 09:54:00	12.2	9.3	-2.9	0.01	0.00	-0.01	1.0	NW
10/5/2023 09:55:00	12.3	9.2	-3.1	0.01	0.00	-0.01	1.0	WNW
10/5/2023 09:56:00	12.5	9.1	-3.4	0.02	0.00	-0.02	1.1	W
10/5/2023 09:57:00	12.7	9.1	-3.6	0.02	0.00	-0.02	1.1	WNW
10/5/2023 09:58:00	12.8	9.3	-3.5	0.02	0.00	-0.02	1.2	NNW
10/5/2023 09:59:00	13.1	9.4	-3.7	0.02	0.00	-0.02	1.2	NW
10/5/2023 10:00:00	13.3	9.5	-3.8	0.02	0.00	-0.02	1.1	NW
10/5/2023 10:01:00	13.6	9.7	-4.0	0.02	0.00	-0.02	1.2	WNW
10/5/2023 10:02:00	13.9	9.8	-4.2	0.02	0.00	-0.02	1.2	NW
10/5/2023 10:03:00	14.2	9.9	-4.3	0.02	0.00	-0.02	1.3	NW
10/5/2023 10:04:00	14.6	9.8	-4.8	0.02	0.00	-0.02	1.3	NW
10/5/2023 10:05:00	14.7	10.0	-4.7	0.02	0.00	-0.02	1.3	NW
10/5/2023 10:06:00	14.5	10.2	-4.3	0.02	0.00	-0.02	1.3	NW
10/5/2023 10:07:00	13.5	10.6	-2.9	0.02	0.00	-0.02	1.3	NW
10/5/2023 10:08:00	13.1	11.2	-1.9	0.02	0.00	-0.02	1.3	NW
10/5/2023 10:09:00	13.6	11.3	-2.3	0.01	0.00	-0.01	1.3	NW
10/5/2023 10:10:00	14.1	11.4	-2.6	0.01	0.00	-0.01	1.3	WNW
10/5/2023 10:11:00	14.8	11.5	-3.2	0.00	0.00	0.00	1.4	NW
10/5/2023 10:12:00	14.6	13.0	-1.6	0.00	0.00	0.00	1.4	NNW
10/5/2023 10:13:00	16.2	12.7	-3.5	0.00	0.00	0.00	1.4	NW
10/5/2023 10:14:00	17.3	12.6	-4.7	0.00	0.00	0.00	1.5	NW
10/5/2023 10:15:00	18.3	12.7	-5.7	0.00	0.00	0.00	1.5	WNW
10/5/2023 10:16:00	18.0	13.3	-4.7	0.00	0.00	0.00	1.4	NNW
10/5/2023 10:17:00	17.6	13.9	-3.7	0.00	0.00	0.00	1.4	NW
10/5/2023 10:18:00	17.8	14.0	-3.8	0.00	0.00	0.00	1.3	WNW
10/5/2023 10:19:00	17.9	14.3	-3.5	0.00	0.00	0.00	1.2	NNW
10/5/2023 10:20:00	17.9	14.4	-3.5	0.00	0.08	0.08	1.2	W
10/5/2023 10:21:00	17.9	14.3	-3.5	0.00	0.16	0.16	1.2	WNW
10/5/2023 10:22:00	18.4	14.0	-4.5	0.00	0.17	0.17	1.2	WNW
10/5/2023 10:23:00	19.5	13.5	-6.1	0.01	0.18	0.17	1.2	WNW
10/5/2023 10:24:00	18.7	14.5	-4.2	0.01	0.18	0.17	1.2	NNW
10/5/2023 10:25:00	19.1	14.3	-4.8	0.01	0.18	0.17	1.3	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
10/5/2023 10:26:00	19.4	14.2	-5.2	0.02	0.19	0.17	1.3	NW
10/5/2023 10:27:00	19.9	12.7	-7.2	0.02	0.19	0.17	1.2	NW
10/5/2023 10:28:00	18.7	12.7	-6.0	0.02	0.19	0.17	1.1	NW
10/5/2023 10:29:00	17.4	13.2	-4.2	0.02	0.19	0.17	1.1	NW
10/5/2023 10:30:00	16.0	13.3	-2.7	0.02	0.19	0.17	1.0	NNW
10/5/2023 10:31:00	16.8	12.7	-4.1	0.02	0.19	0.17	1.1	NW
10/5/2023 10:32:00	17.6	11.9	-5.7	0.02	0.19	0.17	1.1	WNW
10/5/2023 10:33:00	18.1	11.8	-6.3	0.02	0.19	0.17	1.1	NW
10/5/2023 10:34:00	19.1	11.3	-7.8	0.02	0.19	0.17	1.2	NW
10/5/2023 10:35:00	21.7	11.2	-10.5	0.02	0.11	0.09	1.2	NW
10/5/2023 10:36:00	23.3	11.2	-12.1	0.02	0.03	0.01	1.2	NW
10/5/2023 10:37:00	24.6	11.2	-13.4	0.02	0.02	0.01	1.2	NW
10/5/2023 10:38:00	26.2	11.2	-15.0	0.01	0.01	0.00	1.2	WNW
10/5/2023 10:39:00	26.3	11.4	-14.9	0.01	0.01	0.01	1.1	NNW
10/5/2023 10:40:00	25.7	11.6	-14.1	0.00	0.01	0.01	1.0	NW
10/5/2023 10:41:00	25.1	11.6	-13.6	0.00	0.01	0.01	1.0	NW
10/5/2023 10:42:00	24.5	12.1	-12.4	0.00	0.01	0.00	1.0	NNW
10/5/2023 10:43:00	24.5	12.0	-12.6	0.00	0.01	0.00	1.0	NW
10/5/2023 10:44:00	24.7	11.8	-12.9	0.00	0.01	0.00	1.0	NW
10/5/2023 10:45:00	24.8	11.6	-13.2	0.00	0.01	0.00	1.0	WNW
10/5/2023 10:46:00	24.1	11.6	-12.5	0.00	0.00	0.00	1.0	NW
10/5/2023 10:47:00	23.3	11.5	-11.8	0.01	0.00	0.00	1.0	NW
10/5/2023 10:48:00	22.1	11.5	-10.6	0.01	0.00	0.00	1.0	NW
10/5/2023 10:49:00	20.7	11.4	-9.3	0.01	0.01	0.00	0.9	NW
10/5/2023 10:50:00	17.7	11.4	-6.3	0.01	0.01	-0.01	0.9	NW
10/5/2023 10:51:00	16.0	11.3	-4.7	0.01	0.01	0.00	0.9	NNW
10/5/2023 10:52:00	14.1	11.2	-2.9	0.01	0.02	0.01	0.8	NNE
10/5/2023 10:53:00	11.4	11.1	-0.4	0.01	0.03	0.02	0.8	NNW
10/5/2023 10:54:00	11.7	9.8	-1.8	0.01	0.04	0.03	0.8	NNW
10/5/2023 10:55:00	11.3	9.8	-1.4	0.03	0.04	0.01	0.8	NW
10/5/2023 10:56:00	10.7	9.8	-0.9	0.03	0.06	0.03	0.8	NNW
10/5/2023 10:57:00	10.6	9.2	-1.4	0.03	0.07	0.04	0.8	NNW
10/5/2023 10:58:00	9.9	9.2	-0.8	0.03	0.08	0.05	0.9	E

Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 10:59:00	9.4	8.8	-0.5	0.03	0.08	0.05	0.8	NW
10/5/2023 11:00:00	9.0	8.5	-0.4	0.03	0.09	0.06	0.8	NW
10/5/2023 11:01:00	8.7	8.4	-0.3	0.03	0.10	0.07	0.8	NNW
10/5/2023 11:02:00	8.6	8.4	-0.3	0.03	0.10	0.07	0.8	NW
10/5/2023 11:03:00	8.5	8.3	-0.2	0.03	0.10	0.07	0.8	NW
10/5/2023 11:04:00				0.03	0.10	0.07	0.8	NE
10/5/2023 11:05:00				0.03	0.10	0.07	0.7	NW
10/5/2023 11:06:00				0.03	0.09	0.06	0.8	WNW
10/5/2023 11:07:00	7.2	5.9	-1.3	0.03	0.09	0.06	0.8	ENE
10/5/2023 11:08:00	6.8	6.1	-0.7	0.03	0.09	0.05	0.8	NW
10/5/2023 11:09:00	6.8	6.3	-0.6	0.04	0.08	0.04	0.8	WNW
10/5/2023 11:10:00	7.0	6.6	-0.4	0.02	0.08	0.06	0.8	NW
10/5/2023 11:11:00	7.3	6.6	-0.8	0.02	0.09	0.07	0.7	N
10/5/2023 11:12:00	7.2	6.7	-0.6	0.04	0.07	0.04	0.8	NW
10/5/2023 11:13:00	7.2	6.8	-0.5	0.04	0.08	0.04	0.7	NW
10/5/2023 11:14:00	7.2	6.8	-0.4	0.05	0.08	0.03	0.8	NW
10/5/2023 11:15:00	7.1	6.8	-0.3	0.06	0.07	0.01	0.8	NW
10/5/2023 11:16:00	7.1	7.1	0.0	0.07	0.07	0.00	0.8	NW
10/5/2023 11:17:00	8.1	7.1	-1.0	0.07	0.08	0.01	0.8	NNW
10/5/2023 11:18:00	8.5	7.2	-1.3	0.07	0.08	0.02	0.8	NNW
10/5/2023 11:19:00	8.6	7.3	-1.3	0.07	0.08	0.02	0.8	NNW
10/5/2023 11:20:00	8.7	7.4	-1.3	0.06	0.08	0.02	0.8	NW
10/5/2023 11:21:00	8.7	7.4	-1.2	0.06	0.08	0.03	0.8	NW
10/5/2023 11:22:00	8.7	7.5	-1.1	0.06	0.07	0.02	0.8	NW
10/5/2023 11:23:00	8.7	7.5	-1.2	0.06	0.07	0.01	0.8	NW
10/5/2023 11:24:00	8.7	7.6	-1.1	0.05	0.07	0.02	0.8	NW
10/5/2023 11:25:00	8.6	7.5	-1.1	0.05	0.07	0.01	0.8	NNW
10/5/2023 11:26:00	8.4	7.5	-0.9	0.06	0.04	-0.01	0.8	NW
10/5/2023 11:27:00	8.6	7.5	-1.1	0.04	0.04	0.01	0.8	NNW
10/5/2023 11:28:00	8.5	7.5	-0.9	0.04	0.03	-0.01	0.8	NNW
10/5/2023 11:29:00	9.2	9.0	-0.2	0.03	0.03	0.00	0.8	NW
10/5/2023 11:30:00	9.4	10.0	0.7	0.02	0.03	0.01	0.8	NW
10/5/2023 11:31:00	9.4	10.2	0.8	0.01	0.03	0.02	0.8	NW

Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 11:32:00	8.7	10.2	1.5	0.01	0.02	0.01	0.9	NW
10/5/2023 11:33:00	8.2	10.1	1.9	0.01	0.01	0.00	0.9	NW
10/5/2023 11:34:00	8.0	10.0	1.9	0.01	0.01	0.00	0.9	NW
10/5/2023 11:35:00	7.8	9.8	2.0	0.01	0.01	0.00	0.9	W
10/5/2023 11:36:00	7.6	9.8	2.2	0.01	0.01	0.00	0.9	N
10/5/2023 11:37:00	7.6	9.8	2.2	0.01	0.01	0.00	0.9	NNW
10/5/2023 11:38:00	7.6	9.9	2.3	0.01	0.01	0.00	1.0	NW
10/5/2023 11:39:00	7.6	10.0	2.4	0.01	0.01	0.00	1.0	NNE
10/5/2023 11:40:00	7.7	10.1	2.4	0.01	0.01	0.00	1.0	NNW
10/5/2023 11:41:00	7.9	10.2	2.3	0.01	0.01	0.01	0.9	NNW
10/5/2023 11:42:00	8.0	10.4	2.3	0.01	0.01	0.00	0.9	WNW
10/5/2023 11:43:00	8.1	10.5	2.5	0.01	0.01	0.00	0.9	NW
10/5/2023 11:44:00	7.6	9.1	1.5	0.01	0.01	0.00	0.9	WNW
10/5/2023 11:45:00	7.5	8.4	0.9	0.01	0.01	0.00	0.9	NNE
10/5/2023 11:46:00	8.0	8.2	0.3	0.00	0.01	0.00	0.9	WNW
10/5/2023 11:47:00	8.0	8.7	0.6	0.00	0.01	0.00	0.9	NW
10/5/2023 11:48:00	8.3	8.5	0.2	0.01	0.01	0.00	0.8	ENE
10/5/2023 11:49:00	8.3	8.6	0.3	0.01	0.01	0.00	0.8	W
10/5/2023 11:50:00	8.4	8.7	0.2	0.01	0.01	0.00	0.8	WNW
10/5/2023 11:51:00	8.5	8.6	0.1	0.01	0.01	0.00	0.8	NW
10/5/2023 11:52:00	8.6	8.6	0.1	0.01	0.01	0.00	0.7	NW
10/5/2023 11:53:00	8.6	8.6	0.0	0.00	0.01	0.00	0.7	WNW
10/5/2023 11:54:00	8.6	8.7	0.1	0.00	0.01	0.00	0.7	ESE
10/5/2023 11:55:00	8.6	9.3	0.7	0.00	0.01	0.00	0.6	N
10/5/2023 11:56:00	9.1	9.1	0.1	0.01	0.01	0.00	0.6	WNW
10/5/2023 11:57:00	9.2	9.0	-0.2	0.00	0.01	0.00	0.7	SE
10/5/2023 11:58:00	9.2	9.1	-0.1	0.00	0.00	0.00	0.7	ESE
10/5/2023 11:59:00	9.0	9.2	0.3	0.00	0.00	0.00	0.7	SE
10/5/2023 12:00:00	8.9	9.0	0.1	0.00	0.00	0.00	0.7	ESE
10/5/2023 12:01:00	8.4	9.0	0.6	0.00	0.00	0.00	0.7	SE
10/5/2023 12:02:00	8.3	8.7	0.4	0.00	0.00	0.00	0.7	NNW
10/5/2023 12:03:00	8.1	8.7	0.6	0.00	0.00	0.00	0.7	WNW
10/5/2023 12:04:00	8.2	8.8	0.6	0.00	0.00	0.00	0.7	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
10/5/2023 12:05:00	8.3	9.0	0.7	0.00	0.00	0.00	0.8	NNW
10/5/2023 12:06:00	8.4	9.1	0.7	0.00	0.00	0.00	0.8	SSW
10/5/2023 12:07:00	8.4	9.0	0.6	0.00	0.00	0.00	0.9	WNW
10/5/2023 12:08:00	8.4	9.0	0.6	0.00	0.00	0.00	0.9	E
10/5/2023 12:09:00	8.4	8.8	0.4	0.00	0.00	0.00	0.9	WSW
10/5/2023 12:10:00	8.4	8.2	-0.2	0.00	0.00	0.00	1.0	NW
10/5/2023 12:11:00	7.8	8.1	0.3	0.00	0.00	0.00	1.0	NW
10/5/2023 12:12:00	7.4	8.2	0.8	0.00	0.00	0.00	0.9	ESE
10/5/2023 12:13:00	7.4	7.8	0.5	0.00	0.00	0.00	0.9	SE
10/5/2023 12:14:00	7.4	7.6	0.2	0.00	0.00	0.00	0.9	ESE
10/5/2023 12:15:00	7.6	7.4	-0.2	0.00	0.00	0.00	0.8	NNE
10/5/2023 12:16:00	7.6	7.2	-0.4	0.00	0.00	0.00	0.8	NNW
10/5/2023 12:17:00	7.7	7.1	-0.6	0.00	0.00	0.00	0.8	NW
10/5/2023 12:18:00	7.5	7.1	-0.4	0.00	0.00	0.00	0.8	N
10/5/2023 12:19:00	7.4	7.0	-0.4	0.00	0.00	0.00	0.8	NW
10/5/2023 12:20:00	7.2	6.8	-0.4	0.00	0.00	0.00	0.7	NNW
10/5/2023 12:21:00	7.1	6.8	-0.4	0.00	0.00	0.00	0.7	NNW
10/5/2023 12:22:00	7.0	6.8	-0.3	0.00	0.00	0.00	0.6	ENE
10/5/2023 12:23:00	7.2	6.7	-0.5	0.00	0.00	0.00	0.6	ESE
10/5/2023 12:24:00	7.2	6.7	-0.5	0.00	0.00	0.00	0.6	NW
10/5/2023 12:25:00	7.2	6.8	-0.5	0.00	0.00	0.00	0.6	NNE
10/5/2023 12:26:00	7.3	6.9	-0.5	0.00	0.00	0.00	0.6	ESE
10/5/2023 12:27:00	7.4	6.8	-0.6	0.00	0.00	0.00	0.6	NNW
10/5/2023 12:28:00	7.5	6.9	-0.6	0.00	0.00	0.00	0.6	NE
10/5/2023 12:29:00	7.5	6.9	-0.6	0.00	0.00	0.00	0.6	NW
10/5/2023 12:30:00	7.4	7.0	-0.4	0.00	0.00	0.00	0.7	WNW
10/5/2023 12:31:00	7.3	7.0	-0.3	0.00	0.00	0.00	0.6	NW
10/5/2023 12:32:00	7.2	7.0	-0.2	0.00	0.00	0.00	0.7	NNW
10/5/2023 12:33:00	7.2	7.0	-0.3	0.00	0.00	0.00	0.7	NW
10/5/2023 12:34:00	7.3	6.9	-0.4	0.00	0.00	0.00	0.8	NW
10/5/2023 12:35:00	7.4	6.9	-0.5	0.00	0.00	0.00	0.8	WNW
10/5/2023 12:36:00	7.4	6.8	-0.6	0.00	0.00	0.00	0.9	NW
10/5/2023 12:37:00	7.8	6.8	-1.0	0.00	0.00	0.00	0.9	NW

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
10/5/2023 12:38:00	9.8	6.8	-3.0	0.00	0.00	0.00	1.0	NW
10/5/2023 12:39:00	11.4	6.9	-4.4	0.00	0.00	0.00	1.1	WNW
10/5/2023 12:40:00	12.1	7.0	-5.2	0.00	0.00	0.00	1.2	WNW
10/5/2023 12:41:00	13.1	6.9	-6.2	0.00	0.00	0.00	1.2	WNW
10/5/2023 12:42:00	13.4	6.9	-6.5	0.00	0.00	0.00	1.3	WNW
10/5/2023 12:43:00	14.3	6.9	-7.4	0.00	0.00	0.00	1.3	NW
10/5/2023 12:44:00	14.3	8.2	-6.0	0.00	0.00	0.00	1.3	NNW
10/5/2023 12:45:00	17.3	8.3	-9.0	0.00	0.00	0.00	1.3	WNW
10/5/2023 12:46:00	18.4	8.5	-9.9	0.00	0.00	0.00	1.4	WNW
10/5/2023 12:47:00	18.8	8.7	-10.2	0.00	0.00	0.00	1.5	WNW
10/5/2023 12:48:00	18.8	8.9	-9.9	0.00	0.00	0.00	1.5	NW
10/5/2023 12:49:00	18.7	9.0	-9.6	0.00	0.00	0.00	1.5	NW
10/5/2023 12:50:00	18.7	9.0	-9.7	0.00	0.00	0.00	1.6	WNW
10/5/2023 12:51:00	18.8	9.0	-9.8	0.00	0.00	0.00	1.7	WNW
10/5/2023 12:52:00	18.4	9.1	-9.3	0.00	0.00	0.00	1.7	NW
10/5/2023 12:53:00	16.3	9.0	-7.3	0.00	0.00	0.00	1.8	NW
10/5/2023 12:54:00	14.9	8.8	-6.1	0.00	0.00	0.00	1.8	WNW
10/5/2023 12:55:00	14.2	8.6	-5.6	0.01	0.00	0.00	1.8	WNW
10/5/2023 12:56:00	13.3	8.5	-4.8	0.01	0.00	0.00	1.8	WNW
10/5/2023 12:57:00	13.1	8.4	-4.8	0.01	0.00	-0.01	1.8	WNW
10/5/2023 12:58:00	12.1	8.4	-3.6	0.01	0.00	-0.01	1.8	NW
10/5/2023 12:59:00	12.1	7.0	-5.0	0.01	0.00	-0.01	1.9	WNW
10/5/2023 13:00:00	8.9	6.8	-2.1	0.01	0.00	-0.01	1.9	NW
10/5/2023 13:01:00	7.9	6.5	-1.4	0.01	0.00	-0.01	1.9	WNW
10/5/2023 13:02:00	7.3	6.4	-0.9	0.01	0.00	-0.01	1.8	NW
10/5/2023 13:03:00	7.4	6.1	-1.3	0.01	0.00	-0.01	1.8	WNW
10/5/2023 13:04:00	7.6	5.8	-1.7	0.01	0.00	-0.01	1.8	WNW
10/5/2023 13:05:00	7.5	5.7	-1.8	0.01	0.00	-0.01	1.8	WNW
10/5/2023 13:06:00	7.4	5.7	-1.8	0.01	0.00	-0.01	1.7	WNW
10/5/2023 13:07:00	8.2	5.4	-2.7	0.01	0.00	-0.01	1.7	WNW
10/5/2023 13:08:00	8.5	5.4	-3.0	0.01	0.00	-0.01	1.6	WNW
10/5/2023 13:09:00	8.7	5.5	-3.2	0.01	0.00	-0.01	1.6	WNW
10/5/2023 13:10:00	8.8	5.5	-3.4	0.01	0.00	-0.01	1.7	WNW

Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 13:11:00	8.9	5.5	-3.4	0.00	0.00	0.00	1.7	WNW
10/5/2023 13:12:00	8.9	5.5	-3.4	0.00	0.00	0.00	1.6	WSW
10/5/2023 13:13:00	9.0	5.5	-3.5	0.00	0.00	0.00	1.6	NW
10/5/2023 13:14:00	9.0	5.6	-3.4	0.00	0.00	0.00	1.5	NNW
10/5/2023 13:15:00	9.0	5.7	-3.4	0.00	0.00	0.00	1.5	NW
10/5/2023 13:16:00	9.0	5.8	-3.2	0.00	0.00	0.00	1.5	NNE
10/5/2023 13:17:00	9.1	6.0	-3.1	0.00	0.00	0.00	1.5	NW
10/5/2023 13:18:00	9.1	6.2	-2.9	0.00	0.00	0.00	1.4	NNW
10/5/2023 13:19:00	9.1	6.3	-2.8	0.00	0.00	0.00	1.3	NW
10/5/2023 13:20:00	9.1	6.5	-2.6	0.00	0.00	0.00	1.2	N
10/5/2023 13:21:00	9.1	6.6	-2.4	0.00	0.00	0.00	1.2	NNW
10/5/2023 13:22:00	8.4	7.2	-1.2	0.00	0.00	0.00	1.2	NW
10/5/2023 13:23:00	8.0	7.7	-0.3	0.00	0.00	0.00	1.1	NNE
10/5/2023 13:24:00	7.5	7.9	0.4	0.00	0.00	0.00	1.0	NNW
10/5/2023 13:25:00	7.3	8.2	0.9	0.00	0.00	0.00	0.9	NNW
10/5/2023 13:26:00	7.4	8.7	1.3	0.00	0.00	0.00	0.8	E
10/5/2023 13:27:00	7.4	9.2	1.7	0.00	0.00	0.00	0.8	NW
10/5/2023 13:28:00	7.7	9.4	1.7	0.00	0.00	0.00	0.8	NW
10/5/2023 13:29:00	7.8	10.0	2.1	0.00	0.00	0.00	0.7	NNW
10/5/2023 13:30:00	7.8	10.5	2.7	0.00	0.00	0.00	0.7	NE
10/5/2023 13:31:00	7.7	10.9	3.2	0.00	0.00	0.00	0.7	ESE
10/5/2023 13:32:00	7.7	11.0	3.3	0.00	0.00	0.00	0.7	E
10/5/2023 13:33:00	7.6	11.3	3.7	0.00	0.00	0.00	0.7	N
10/5/2023 13:34:00	7.5	11.9	4.4	0.00	0.00	0.00	0.7	NW
10/5/2023 13:35:00	7.4	12.5	5.1	0.00	0.00	0.00	0.7	NW
10/5/2023 13:36:00	7.3	13.0	5.7	0.00	0.00	0.00	0.7	NNW
10/5/2023 13:37:00	7.2	12.9	5.7	0.00	0.00	0.00	0.7	NNW
10/5/2023 13:38:00	7.2	12.6	5.5	0.00	0.00	0.00	0.8	NW
10/5/2023 13:39:00	7.3	12.4	5.2	0.00	0.00	0.00	0.8	NW
10/5/2023 13:40:00	7.2	12.3	5.1	0.00	0.00	0.00	0.8	SE
10/5/2023 13:41:00	7.0	11.9	4.9	0.00	0.00	0.00	0.8	E
10/5/2023 13:42:00	6.9	11.6	4.7	0.00	0.00	0.00	0.8	N
10/5/2023 13:43:00	6.5	11.4	4.8	0.00	0.00	0.00	0.8	N

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 13:44:00	6.4	10.9	4.5	0.00	0.00	0.00	0.8	NW
10/5/2023 13:45:00	6.4	10.5	4.1	0.00	0.00	0.00	0.8	NNW
10/5/2023 13:46:00	6.5	9.9	3.4	0.00	0.00	0.00	0.9	NW
10/5/2023 13:47:00	6.6	9.7	3.2	0.00	0.00	0.00	0.9	ENE
10/5/2023 13:48:00	6.8	9.3	2.6	0.00	0.00	0.00	0.9	NW
10/5/2023 13:49:00	6.9	8.7	1.8	0.00	0.00	0.00	0.9	NW
10/5/2023 13:50:00	6.9	8.1	1.2	0.00	0.00	0.00	0.9	NW
10/5/2023 13:51:00	7.0	7.5	0.6	0.00	0.00	0.00	0.9	ESE
10/5/2023 13:52:00	7.1	7.2	0.1	0.00	0.00	0.00	1.0	ESE
10/5/2023 13:53:00	7.3	7.2	-0.1	0.00	0.00	0.00	0.9	ESE
10/5/2023 13:54:00	7.3	7.3	0.0	0.00	0.00	0.00	0.9	ENE
10/5/2023 13:55:00	7.3	7.3	0.0	0.00	0.00	0.00	0.8	NE
10/5/2023 13:56:00	7.3	7.3	0.1	0.00	0.00	0.00	0.9	NNW
10/5/2023 13:57:00	7.4	7.3	-0.1	0.00	0.00	0.00	0.8	N
10/5/2023 13:58:00	7.6	7.1	-0.5	0.00	0.00	0.00	0.9	NW
10/5/2023 13:59:00	7.7	7.0	-0.7	0.00	0.00	0.00	0.9	NW
10/5/2023 14:00:00	7.9	7.0	-0.9	0.00	0.00	0.00	0.9	NW
10/5/2023 14:01:00	7.9	7.2	-0.7	0.00	0.00	0.00	1.0	NW
10/5/2023 14:02:00	8.1	7.2	-0.9	0.00	0.00	0.00	1.0	NE
10/5/2023 14:03:00	8.0	7.2	-0.8	0.00	0.00	0.00	1.0	SE
10/5/2023 14:04:00	7.8	7.5	-0.3	0.00	0.00	0.00	0.9	WNW
10/5/2023 14:05:00	8.1	7.5	-0.6	0.00	0.00	0.00	0.9	NE
10/5/2023 14:06:00	8.2	7.5	-0.6	0.00	0.00	0.00	0.9	N
10/5/2023 14:07:00	8.3	7.5	-0.8	0.00	0.00	0.00	0.9	NW
10/5/2023 14:08:00	8.2	7.5	-0.7	0.00	0.00	0.00	1.0	NW
10/5/2023 14:09:00	8.1	7.5	-0.6	0.00	0.00	0.00	1.0	NW
10/5/2023 14:10:00	8.0	7.6	-0.4	0.00	0.00	0.00	1.2	NW
10/5/2023 14:11:00	8.0	7.6	-0.5	0.00	0.00	0.00	1.2	NW
10/5/2023 14:12:00	7.8	7.6	-0.3	0.00	0.00	0.00	1.3	NW
10/5/2023 14:13:00	7.7	7.6	-0.1	0.00	0.00	0.00	1.3	NW
10/5/2023 14:14:00	7.7	7.7	0.0	0.00	0.00	0.00	1.4	NW
10/5/2023 14:15:00	7.6	7.6	0.0	0.00	0.00	0.00	1.5	WNW
10/5/2023 14:16:00	7.7	7.5	-0.1	0.00	0.00	0.00	1.6	NW

Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 14:17:00	7.6	7.4	-0.2	0.00	0.00	0.00	1.6	NW
10/5/2023 14:18:00	7.5	7.6	0.0	0.00	0.00	0.00	1.7	NW
10/5/2023 14:19:00	7.7	7.4	-0.3	0.00	0.00	0.00	1.8	NNW
10/5/2023 14:20:00	7.5	7.4	-0.1	0.00	0.00	0.00	1.8	NNW
10/5/2023 14:21:00	7.7	7.3	-0.3	0.00	0.00	0.00	1.9	NW
10/5/2023 14:22:00	7.6	7.3	-0.2	0.00	0.00	0.00	2.0	NW
10/5/2023 14:23:00	7.6	7.2	-0.3	0.00	0.00	0.00	2.0	WNW
10/5/2023 14:24:00	7.7	7.1	-0.6	0.00	0.00	0.00	2.1	NW
10/5/2023 14:25:00	7.8	7.1	-0.7	0.00	0.00	0.00	2.0	NW
10/5/2023 14:26:00	7.7	7.3	-0.3	0.00	0.00	0.00	2.0	NW
10/5/2023 14:27:00	7.7	7.5	-0.3	0.00	0.00	0.00	2.0	NE
10/5/2023 14:28:00	7.9	7.7	-0.2	0.00	0.00	0.00	1.9	SSE
10/5/2023 14:29:00	8.2	7.8	-0.4	0.00	0.00	0.00	1.9	NW
10/5/2023 14:30:00	8.3	7.8	-0.5	0.00	0.00	0.00	1.8	NW
10/5/2023 14:31:00	8.1	7.8	-0.3	0.00	0.00	0.00	1.7	NW
10/5/2023 14:32:00	8.1	7.8	-0.3	0.00	0.00	0.00	1.7	NNW
10/5/2023 14:33:00	8.2	7.9	-0.4	0.00	0.00	0.00	1.6	NW
10/5/2023 14:34:00	8.8	8.0	-0.8	0.00	0.00	0.00	1.6	NW
10/5/2023 14:35:00	8.9	8.5	-0.4	0.00	0.00	0.00	1.6	N
10/5/2023 14:36:00	9.0	9.1	0.1	0.00	0.00	0.00	1.6	NNW
10/5/2023 14:37:00	9.3	10.0	0.8	0.00	0.00	0.00	1.4	NW
10/5/2023 14:38:00	9.9	10.3	0.4	0.00	0.00	0.00	1.4	NW
10/5/2023 14:39:00	9.9	10.7	0.8	0.00	0.00	0.00	1.3	NW
10/5/2023 14:40:00	10.0	11.3	1.3	0.00	0.00	0.00	1.2	NNW
10/5/2023 14:41:00	10.5	11.2	0.7	0.00	0.01	0.00	1.3	WNW
10/5/2023 14:42:00	10.4	11.5	1.0	0.00	0.01	0.00	1.4	NW
10/5/2023 14:43:00	10.7	11.3	0.5	0.00	0.01	0.00	1.5	NW
10/5/2023 14:44:00	10.8	11.3	0.6	0.00	0.01	0.00	1.6	NW
10/5/2023 14:45:00	11.0	11.6	0.6	0.00	0.01	0.00	1.5	NW
10/5/2023 14:46:00	11.3	12.0	0.8	0.00	0.01	0.00	1.7	NW
10/5/2023 14:47:00	11.4	12.4	1.0	0.00	0.01	0.00	1.8	NW
10/5/2023 14:48:00	11.5	12.4	0.9	0.00	0.01	0.00	1.9	NW
10/5/2023 14:49:00	11.0	12.5	1.5	0.01	0.01	0.00	2.0	NW

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
10/5/2023 14:50:00	11.2	12.1	0.9	0.01	0.01	0.00	2.1	NW
10/5/2023 14:51:00	11.2	11.7	0.5	0.01	0.01	0.00	2.2	NW
10/5/2023 14:52:00	11.0	11.1	0.1	0.01	0.01	0.00	2.2	NW
10/5/2023 14:53:00	10.5	11.0	0.5	0.01	0.01	0.00	2.3	NW
10/5/2023 14:54:00	10.5	10.9	0.4	0.01	0.01	-0.01	2.3	NW
10/5/2023 14:55:00	10.5	10.5	0.0	0.01	0.01	-0.01	2.3	NNW
10/5/2023 14:56:00	10.0	10.6	0.5	0.01	0.01	-0.01	2.3	NW
10/5/2023 14:57:00	10.1	10.2	0.1	0.01	0.01	-0.01	2.2	NW
10/5/2023 14:58:00	9.7	10.7	1.0	0.01	0.01	-0.01	2.2	NW
10/5/2023 14:59:00	10.2	10.5	0.3	0.01	0.01	-0.01	2.1	NW
10/5/2023 15:00:00	9.9	10.0	0.1	0.01	0.01	-0.01	2.1	NNW
10/5/2023 15:01:00	9.7	9.4	-0.2	0.01	0.01	-0.01	1.9	ENE
10/5/2023 15:02:00				0.01	0.01	-0.01	1.8	NNW
10/5/2023 15:03:00				0.01	0.01	-0.01	1.7	ESE
10/5/2023 15:04:00				0.01	0.01	0.00	1.6	NW
10/5/2023 15:05:00	6.6	7.4	0.9	0.01	0.00	-0.01	1.6	NW
10/5/2023 15:06:00	7.2	13.3	6.0	0.01	0.00	-0.01	1.5	WNW
10/5/2023 15:07:00	7.6	20.3	12.8	0.01	0.00	-0.01	1.5	NW
10/5/2023 15:08:00	7.6	18.6	11.0	0.01	0.00	0.00	1.5	NW
10/5/2023 15:09:00	7.4	17.5	10.1	0.00	0.00	0.00	1.6	NW
10/5/2023 15:10:00	8.0	15.4	7.3	0.00	0.00	0.00	1.6	NW
10/5/2023 15:11:00	7.6	14.8	7.2	0.00	0.00	0.00	1.5	NW
10/5/2023 15:12:00	7.3	13.8	6.5	0.00	0.00	0.00	1.5	NW
10/5/2023 15:13:00	7.0	13.1	6.1	0.00	0.00	0.00	1.4	NW
10/5/2023 15:14:00	6.9	12.5	5.6	0.00	0.00	0.00	1.5	NW
10/5/2023 15:15:00	6.8	11.8	5.0	0.00	0.00	0.00	1.5	NW
10/5/2023 15:16:00	6.7	11.2	4.4	0.00	0.00	0.00	1.5	NNE
10/5/2023 15:17:00	6.6	10.7	4.1	0.00	0.00	0.00	1.5	SE
10/5/2023 15:18:00	6.6	10.3	3.7	0.00	0.00	0.00	1.6	N
10/5/2023 15:19:00	6.6	10.0	3.4	0.00	0.00	0.00	1.6	NW
10/5/2023 15:20:00	6.7	9.9	3.2	0.00	0.00	0.00	1.5	NNE
10/5/2023 15:21:00	6.6	9.0	2.5	0.00	0.00	0.00	1.5	N
10/5/2023 15:22:00	6.4	7.3	0.9	0.00	0.00	0.00	1.5	WSW

Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 15:23:00	6.6	6.8	0.3	0.00	0.00	0.00	1.4	N
10/5/2023 15:24:00	6.8	6.5	-0.4	0.00	0.00	0.00	1.3	NNW
10/5/2023 15:25:00	6.7	6.7	0.0	0.00	0.00	0.00	1.3	ESE
10/5/2023 15:26:00	7.0	6.3	-0.7	0.00	0.00	0.00	1.2	NE
10/5/2023 15:27:00	7.3	6.2	-1.1	0.00	0.00	0.00	1.2	NW
10/5/2023 15:28:00	7.6	6.1	-1.5	0.00	0.00	0.00	1.2	NNE
10/5/2023 15:29:00	7.8	6.0	-1.9	0.00	0.00	0.00	1.1	ESE
10/5/2023 15:30:00	8.0	6.0	-1.9	0.00	0.00	0.00	1.1	NW
10/5/2023 15:31:00	7.8	6.1	-1.7	0.00	0.00	0.00	1.1	NW
10/5/2023 15:32:00	7.9	6.1	-1.8	0.01	0.00	-0.01	1.1	NNW
10/5/2023 15:33:00	7.8	6.0	-1.8	0.01	0.00	-0.01	1.2	NW
10/5/2023 15:34:00	7.6	6.0	-1.7	0.01	0.00	-0.01	1.1	SSW
10/5/2023 15:35:00	7.3	5.9	-1.5	0.01	0.00	-0.01	1.2	NW
10/5/2023 15:36:00	7.2	5.7	-1.5	0.01	0.00	-0.01	1.3	NW
10/5/2023 15:37:00	7.2	5.4	-1.8	0.01	0.00	-0.01	1.3	NW
10/5/2023 15:38:00	6.7	5.3	-1.4	0.01	0.00	-0.01	1.4	NW
10/5/2023 15:39:00	6.4	5.0	-1.3	0.01	0.00	-0.01	1.4	ENE
10/5/2023 15:40:00	6.0	4.7	-1.3	0.01	0.00	-0.01	1.4	NW
10/5/2023 15:41:00	5.7	4.5	-1.1	0.01	0.00	-0.01	1.4	E
10/5/2023 15:42:00	5.3	4.4	-0.9	0.01	0.00	-0.01	1.4	ESE
10/5/2023 15:43:00	5.0	4.3	-0.6	0.01	0.00	-0.01	1.5	SSE
10/5/2023 15:44:00	4.7	4.3	-0.4	0.01	0.00	-0.01	1.5	NNW
10/5/2023 15:45:00	4.5	4.2	-0.3	0.01	0.00	-0.01	1.5	E
10/5/2023 15:46:00	4.5	4.0	-0.4	0.01	0.00	-0.01	1.5	ESE
10/5/2023 15:47:00	4.3	4.0	-0.3	0.00	0.00	0.00	1.4	SW
10/5/2023 15:48:00	4.2	4.0	-0.3	0.00	0.00	0.00	1.3	ESE
10/5/2023 15:49:00	4.3	4.0	-0.3	0.00	0.00	0.00	1.3	E
10/5/2023 15:50:00	4.3	3.9	-0.3	0.00	0.00	0.00	1.2	ESE
10/5/2023 15:51:00	4.2	3.9	-0.3	0.00	0.00	0.00	1.2	NW
10/5/2023 15:52:00	4.3	4.0	-0.3	0.00	0.00	0.00	1.2	NW
10/5/2023 15:53:00	4.4	3.9	-0.5	0.00	0.00	0.00	1.1	NW
10/5/2023 15:54:00	4.4	3.9	-0.5	0.00	0.00	0.00	1.2	NNW
10/5/2023 15:55:00	4.4	3.9	-0.5	0.00	0.00	0.00	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
10/5/2023 15:56:00	4.3	3.9	-0.4	0.00	0.00	0.00	1.1	ESE
10/5/2023 15:57:00	4.3	3.9	-0.4	0.00	0.00	0.00	1.0	ENE
10/5/2023 15:58:00	4.3	3.9	-0.4	0.00	0.00	0.00	1.0	ESE
10/5/2023 15:59:00	4.2	3.9	-0.3	0.00	0.00	0.00	1.0	E
10/5/2023 16:00:00	4.0	3.8	-0.2	0.00	0.00	0.00	1.0	ESE
10/5/2023 16:01:00	4.0	3.8	-0.2	0.00	0.00	0.00	1.0	NE
10/5/2023 16:02:00	4.0	3.9	-0.1	0.00	0.00	0.00	1.0	NW
10/5/2023 16:03:00	4.0	3.8	-0.2	0.00	0.00	0.00	1.0	E
10/5/2023 16:04:00	4.0	3.7	-0.3	0.00	0.00	0.00	1.1	NW
10/5/2023 16:05:00	4.0	3.7	-0.3	0.01	0.00	-0.01	1.1	NW
10/5/2023 16:06:00	4.0	3.6	-0.3	0.01	0.00	-0.01	1.1	NNE
10/5/2023 16:07:00	3.9	3.7	-0.2	0.01	0.00	-0.01	1.1	NW
10/5/2023 16:08:00	3.8	3.7	-0.1	0.01	0.00	-0.01	1.0	NW
10/5/2023 16:09:00	3.6	3.7	0.1	0.01	0.00	-0.01	1.0	WNW
10/5/2023 16:10:00	3.5	3.8	0.3	0.01	0.00	-0.01	1.0	SW
10/5/2023 16:11:00	3.6	3.8	0.2	0.01	0.00	-0.01	1.0	NW
10/5/2023 16:12:00	3.6	3.8	0.1	0.01	0.00	-0.01	1.0	ENE
10/5/2023 16:13:00	3.7	3.8	0.1	0.01	0.00	-0.01	1.1	NNW
10/5/2023 16:14:00	3.7	3.8	0.1	0.01	0.00	-0.01	1.1	WNW
10/5/2023 16:15:00	3.7	3.8	0.1	0.01	0.00	-0.01	1.1	NW
10/5/2023 16:16:00	3.7	3.8	0.1	0.01	0.00	-0.01	1.1	SSE
10/5/2023 16:17:00	3.7	3.8	0.0	0.01	0.00	-0.01	1.1	NNW
10/5/2023 16:18:00	3.7	3.8	0.1	0.00	0.00	0.00	1.1	NW
10/5/2023 16:19:00	3.8	4.0	0.3	0.00	0.00	0.00	1.0	W
10/5/2023 16:20:00	3.8	4.6	0.8	0.00	0.00	0.00	1.0	NW
10/5/2023 16:21:00	3.9	4.6	0.7	0.00	0.00	0.00	1.0	NW
10/5/2023 16:22:00	3.9	4.6	0.7	0.00	0.00	0.00	1.0	WNW
10/5/2023 16:23:00	3.9	4.6	0.7	0.00	0.00	0.00	1.0	NW
10/5/2023 16:24:00	3.9	4.7	0.7	0.00	0.00	0.00	1.0	NW
10/5/2023 16:25:00	4.0	4.6	0.6	0.00	0.00	0.00	1.0	SE
10/5/2023 16:26:00	4.0	4.6	0.7	0.00	0.00	0.00	1.0	NW
10/5/2023 16:27:00	3.9	4.7	0.8	0.00	0.00	0.00	1.0	NW
10/5/2023 16:28:00	3.8	4.7	0.9	0.00	0.00	0.00	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
10/5/2023 16:29:00	3.8	4.7	0.9	0.00	0.00	0.00	1.0	WNW
10/5/2023 16:30:00	3.9	4.7	0.8	0.00	0.00	0.00	1.0	NNE
10/5/2023 16:31:00	3.9	4.6	0.7	0.00	0.00	0.00	1.0	N
10/5/2023 16:32:00	4.0	4.6	0.7	0.00	0.00	0.00	1.0	ESE
10/5/2023 16:33:00	4.0	4.5	0.6	0.00	0.00	0.00	1.0	NW
10/5/2023 16:34:00	4.0	4.4	0.4	0.00	0.00	0.00	1.0	NW
10/5/2023 16:35:00	4.0	3.9	-0.1	0.00	0.00	0.00	1.0	NW
10/5/2023 16:36:00	3.9	3.8	-0.1	0.00	0.00	0.00	1.0	E
10/5/2023 16:37:00	3.9	3.7	-0.2	0.00	0.00	0.00	1.0	N
10/5/2023 16:38:00	4.0	3.6	-0.3	0.00	0.00	0.00	1.0	NW
10/5/2023 16:39:00	4.0	3.7	-0.3	0.00	0.00	0.00	1.0	NW
10/5/2023 16:40:00	4.1	3.7	-0.3	0.00	0.00	0.00	1.1	WNW
10/5/2023 16:41:00	4.3	3.8	-0.5	0.00	0.00	0.00	1.1	WNW
10/5/2023 16:42:00	4.4	3.9	-0.6	0.00	0.00	0.00	1.1	WNW
10/5/2023 16:43:00	4.6	3.9	-0.7	0.00	0.00	0.00	1.1	WNW
10/5/2023 16:44:00	4.7	3.9	-0.8	0.00	0.00	0.00	1.2	WNW
10/5/2023 16:45:00	4.8	4.0	-0.7	0.00	0.00	0.00	1.2	WNW
10/5/2023 16:46:00	4.8	4.0	-0.8	0.00	0.00	0.00	1.2	NW
10/5/2023 16:47:00	4.9	4.0	-0.8	0.00	0.00	0.00	1.2	NNW
10/5/2023 16:48:00	4.9	4.6	-0.3	0.00	0.00	0.00	1.1	S
10/5/2023 16:49:00	5.4	4.7	-0.8	0.00	0.00	0.00	1.0	N
10/5/2023 16:50:00	5.5	4.9	-0.5	0.00	0.00	0.00	1.0	W
10/5/2023 16:51:00	5.5	5.0	-0.4	0.00	0.00	0.00	1.0	ESE
10/5/2023 16:52:00	5.6	5.1	-0.5	0.00	0.00	0.00	1.0	ESE
10/5/2023 16:53:00	5.6	5.8	0.2	0.00	0.00	0.00	1.0	W
10/5/2023 16:54:00	5.5	5.8	0.3	0.00	0.00	0.00	1.0	SE
10/5/2023 16:55:00	5.4	5.8	0.4	0.00	0.00	0.00	1.0	NNW
10/5/2023 16:56:00	5.2	5.7	0.4	0.00	0.00	0.00	0.9	ESE
10/5/2023 16:57:00	5.1	5.6	0.5	0.00	0.00	0.00	0.8	ENE
10/5/2023 16:58:00	5.1	5.6	0.6	0.00	0.00	0.00	0.8	NNW
10/5/2023 16:59:00	5.0	6.0	1.0	0.00	0.00	0.00	0.7	SSW
10/5/2023 17:00:00	6.3	5.8	-0.5	0.00	0.00	0.00	0.7	ESE
10/5/2023 17:01:00	6.3	5.9	-0.4	0.00	0.00	0.00	0.7	ESE

Date/Time	Average Upwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Downwind PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Contribution PM10 ( $\mu\text{g}/\text{m}^3$ )	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/5/2023 17:02:00	6.2	6.0	-0.2	0.00	0.00	0.00	0.7	SE
10/5/2023 17:03:00	6.4	5.6	-0.8	0.00	0.00	0.00	0.7	NW
10/5/2023 17:04:00	6.4	5.7	-0.7	0.00	0.00	0.00	0.7	NNW
10/5/2023 17:05:00	6.4	5.6	-0.8	0.00	0.00	0.00	0.7	WNW
10/5/2023 17:06:00	6.5	5.6	-0.9	0.00	0.00	0.00	0.7	WNW
10/5/2023 17:07:00	6.5	5.7	-0.8	0.00	0.00	0.00	0.7	NW
10/5/2023 17:08:00	6.6	5.0	-1.5	0.00	0.00	0.00	0.8	WNW
10/5/2023 17:09:00	6.7	5.0	-1.7	0.00	0.00	0.00	0.8	WNW