

**DAILY FIELD REPORT 071**

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>	September 15, 2023
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	7:00 am to 6:00 pm
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**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

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

**Foundation Contractor:** Urban Foundation/Engineering (Urban)

**Langan Field Personnel:**

Caitlyn Dempsey (Environmental)

Xianglei Zheng (Geotechnical)

**Work Activities Performed:**

- Urban excavated an about 15-foot-long by 20-foot-wide area to about 7 feet below grade surface (bgs) in the northwestern part of waste characterization grids WC03\_0-5 and WC03\_5-10 to prepare for equipment mobilization. Excavated soil/fill was graded adjacent to the excavation area.
- Urban graded an about 200-foot-long by 150-foot-wide area of soil/fill in the northern and central parts of waste characterization grids WC02 and WC03 to prepare for equipment mobilization.
- Excavated and graded soil/fill consisted of non-native soil; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a petroleum or chemical release were not observed.
- Urban drilled two rock sockets for caissons in the northern and eastern part of the site.
- Urban drilled one casing for a caisson using a Bauer BG28H Drill Rig drilling rig in the northwestern part of the site.

**Material Tracking:**

- The following soil/fill was exported from the site:
  - 3 loads of soil/fill from waste characterization grids WC03\_0-5 and WC03\_5-10 to the Bayshore Soil Management, LLC facility in Keasbey, NJ.
- No material was imported to the site.

Materials Export Summary								
Facility Name	Bayshore Soil Management, LLC		Clean Earth of Carteret, LLC		PPark NJ		Faztec Solutions	
Location	Keasbey, NJ		Carteret, NJ		Prospect Park, NJ		Staten Island, NY	
Type of Waste	Non-hazardous Soil		Non-hazardous Soil		Non-hazardous Soil		C&D	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	3	60	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)
	84	1,680	29	580	0	-	14	280

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

**Samples Collected:**

- No samples were collected.

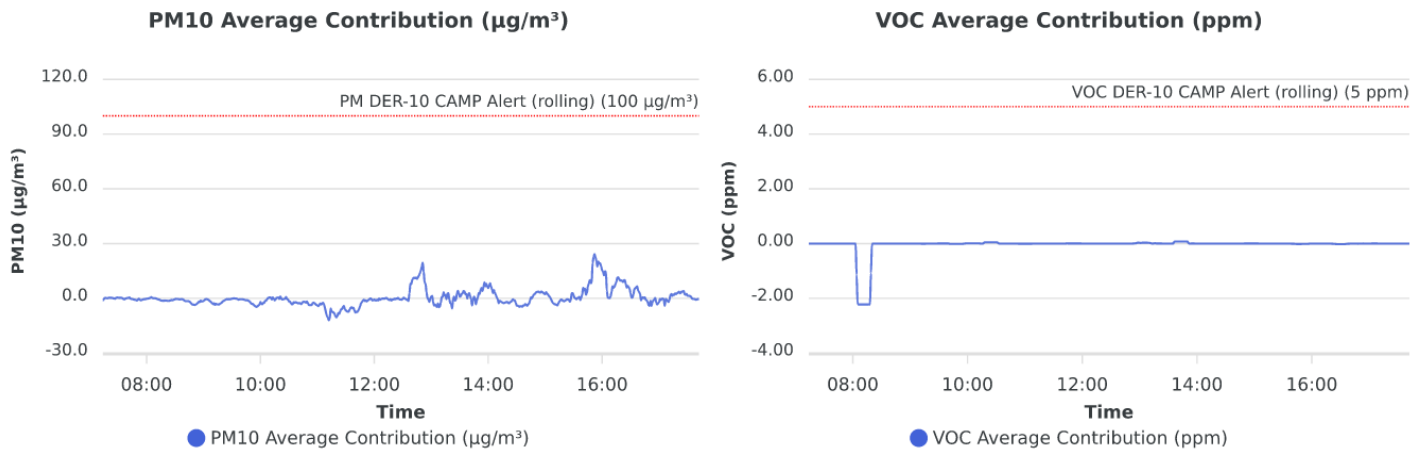
**Air Monitoring:**

The 15-minute average site contributions for particulates and volatile organic compounds (VOCs) are calculated by subtracting the upwind readings from the downwind readings. A true action level exceedance is realized when this net result exceeds 100 µg/m<sup>3</sup> for particulates and 5 ppm for organic vapors. No particulates (PM10) or organic vapors exceeded the 15-minute average site contribution action level of 100 µg/m<sup>3</sup> or 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m <sup>3</sup> )		Organic Vapor Monitoring (ppm)	
Daily Background	6.3	Daily Background	0.00
0PM10 Average Site Contribution (Minimum)	-12.0	VOC Average Site Contribution (Minimum)	-2.23
PM10 Average Site Contribution (Maximum)	24.2	VOC Average Site Contribution (Maximum)	0.08

µg/m<sup>3</sup>: micrograms per cubic meter.

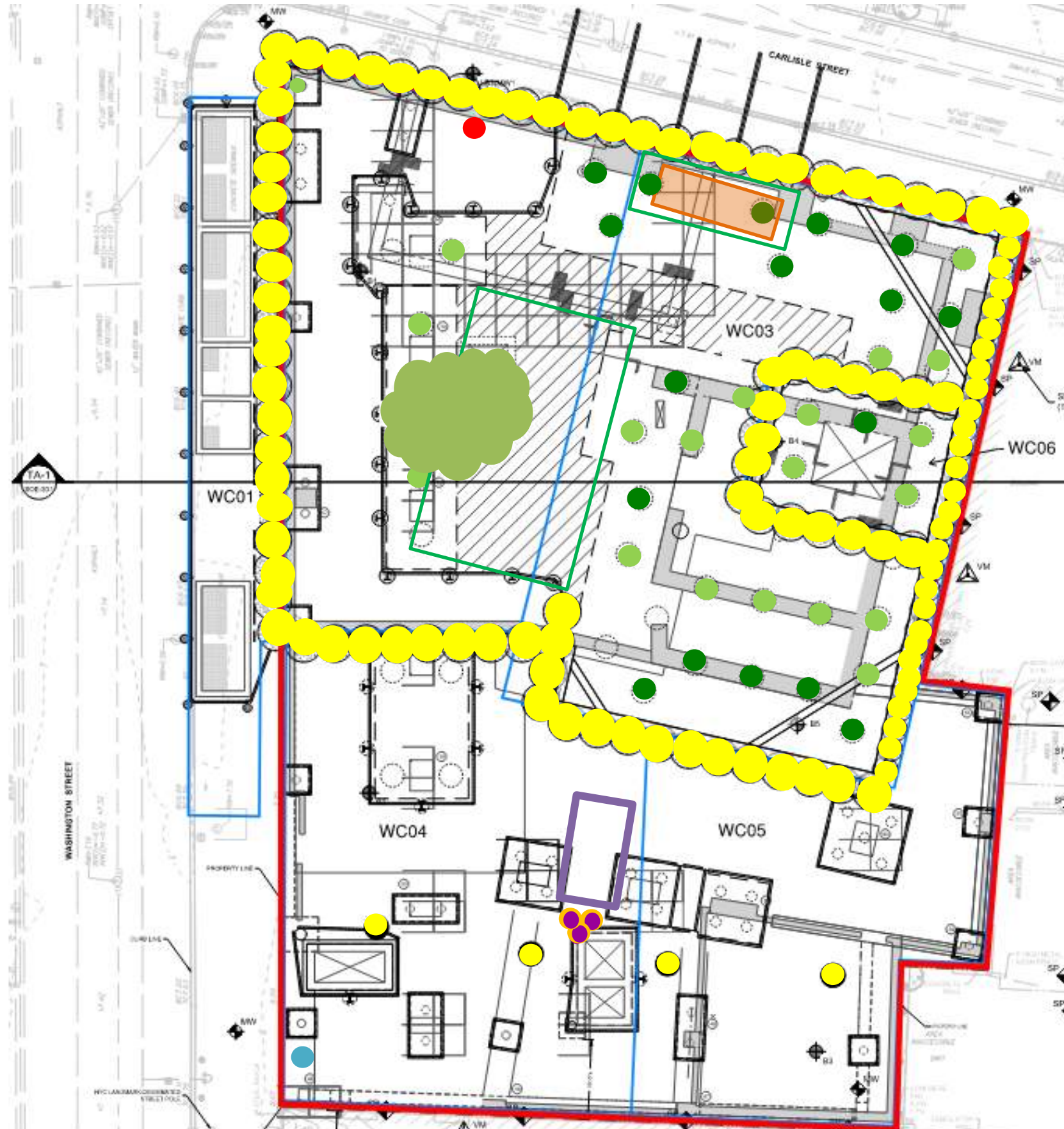
ppm: parts per million.



**Planned Activities:**

- Urban will continue installing caisson casings throughout the site.
- Urban will apply grout to caissons.
- Urban will export soil/fill from WC03\_0-5 and WC03\_5-10.

**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 loading a truck with soil/fill for off-site disposal to the Bayshore Soil Management facility (facing north).



**Photo 2:** View of Urban grading soil/fill in WC03 (facing northeast).



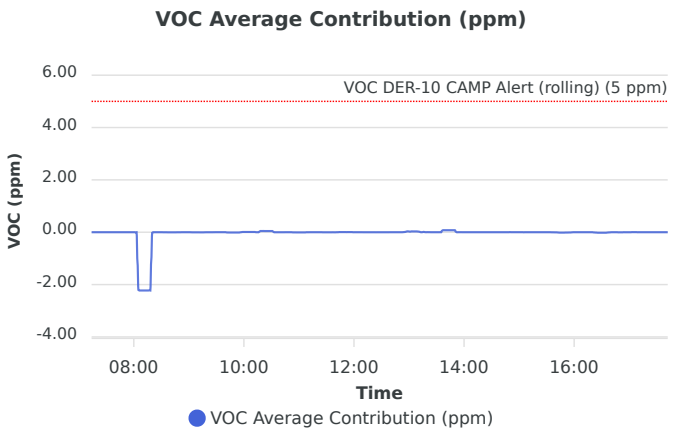
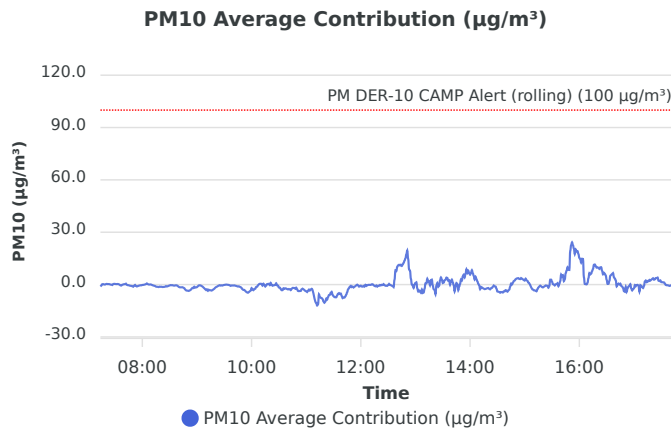
**Photo 3:** View of CAMP Station 2 in the southwestern part of the site (facing east).



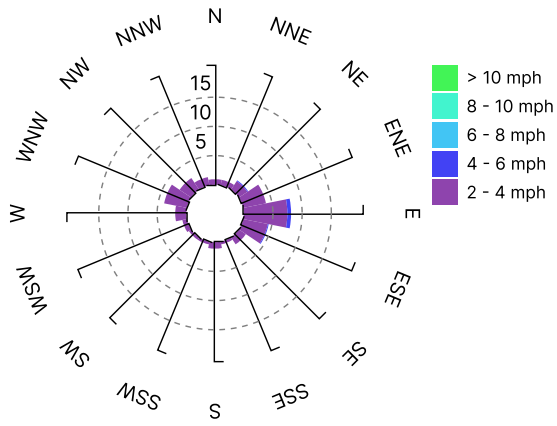
<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	9/15/2023 00:00
		<b>To:</b>	9/15/2023 22:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

<b>Daily Environmental Summary</b>	<b>Windspeed (mph)</b>	<b>Prevailing wind direction</b>
9/15/2023	0.6-4.7	ENE

<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.) - 9/15/2023</b>	-12.0	11:12	-2.23	08:06
<b>Max Contribution (15 min avg.) - 9/15/2023</b>	24.2	15:52	0.08	13:38



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
9/15/2023 07:14:00	6.3	5.2	-1.1	0.00	0.00	0.00	1.3	NE
9/15/2023 07:15:00	5.5	5.0	-0.5	0.00	0.00	0.00	1.3	ENE
9/15/2023 07:16:00	5.2	5.4	0.2	0.00	0.00	0.00	1.5	N
9/15/2023 07:17:00	5.7	6.0	0.3	0.00	0.00	0.00	1.5	SE
9/15/2023 07:18:00	5.6	5.7	0.1	0.00	0.00	0.00	1.6	ESE
9/15/2023 07:19:00	5.3	5.4	0.0	0.00	0.00	0.00	1.6	ESE
9/15/2023 07:20:00	5.1	5.4	0.3	0.00	0.00	0.00	1.6	E
9/15/2023 07:21:00	4.9	5.3	0.4	0.00	0.00	0.00	1.5	SE
9/15/2023 07:22:00	4.9	5.1	0.3	0.00	0.00	0.00	1.5	NW
9/15/2023 07:23:00	4.8	5.0	0.3	0.00	0.00	0.00	1.5	E
9/15/2023 07:24:00	4.7	4.9	0.2	0.00	0.00	0.00	1.5	ESE
9/15/2023 07:25:00	4.7	4.7	0.0	0.00	0.00	0.00	1.6	ESE
9/15/2023 07:26:00	4.6	4.6	-0.1	0.00	0.00	0.00	1.6	ESE
9/15/2023 07:27:00	4.8	4.5	-0.3	0.00	0.00	0.00	1.8	NE
9/15/2023 07:28:00	4.7	4.9	0.3	0.00	0.00	0.00	1.8	ESE
9/15/2023 07:29:00	4.5	4.9	0.4	0.00	0.00	0.00	1.9	E
9/15/2023 07:30:00	4.4	4.8	0.4	0.00	0.00	0.00	1.9	ENE
9/15/2023 07:31:00	4.3	4.6	0.3	0.00	0.00	0.00	1.9	ESE
9/15/2023 07:32:00	4.1	4.3	0.3	0.00	0.00	0.00	2.0	E
9/15/2023 07:33:00	4.0	4.3	0.3	0.00	0.00	0.00	2.0	NE
9/15/2023 07:34:00	4.2	4.4	0.2	0.00	0.00	0.00	2.0	ENE
9/15/2023 07:35:00	4.4	4.4	-0.1	0.00	0.00	0.00	2.0	E
9/15/2023 07:36:00	4.7	4.2	-0.5	0.00	0.00	0.00	2.0	E
9/15/2023 07:37:00	4.9	4.3	-0.5	0.00	0.00	0.00	2.0	NNE
9/15/2023 07:38:00	5.1	5.0	-0.1	0.00	0.00	0.00	2.0	WNW
9/15/2023 07:39:00	5.4	5.4	0.1	0.00	0.00	0.00	2.0	WNW
9/15/2023 07:40:00	5.4	5.7	0.2	0.00	0.00	0.00	1.9	NNE
9/15/2023 07:41:00	5.7	5.9	0.2	0.00	0.00	0.00	1.8	E
9/15/2023 07:42:00	5.7	6.2	0.5	0.00	0.00	0.00	1.7	ESE
9/15/2023 07:43:00	5.8	5.6	-0.1	0.00	0.00	0.00	1.7	ESE
9/15/2023 07:44:00	5.9	5.6	-0.3	0.00	0.00	0.00	1.6	ESE
9/15/2023 07:45:00	6.0	5.6	-0.4	0.00	0.00	0.00	1.6	ENE

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
9/15/2023 07:46:00	6.2	5.6	-0.6	0.00	0.00	0.00	1.6	E
9/15/2023 07:47:00	6.3	5.6	-0.7	0.00	0.00	0.00	1.6	E
9/15/2023 07:48:00	6.4	5.7	-0.8	0.00	0.00	0.00	1.5	ENE
9/15/2023 07:49:00	6.5	5.5	-1.0	0.00	0.00	0.00	1.5	ESE
9/15/2023 07:50:00	6.5	5.3	-1.2	0.00	0.00	0.00	1.5	ESE
9/15/2023 07:51:00	6.2	5.6	-0.6	0.00	0.00	0.00	1.5	S
9/15/2023 07:52:00	6.1	5.9	-0.2	0.00	0.00	0.00	1.5	S
9/15/2023 07:53:00	6.2	5.3	-0.8	0.00	0.00	0.00	1.5	E
9/15/2023 07:54:00	6.3	5.2	-1.1	0.00	0.00	0.00	1.5	E
9/15/2023 07:55:00	6.1	5.2	-0.9	0.00	0.00	0.00	1.5	SSW
9/15/2023 07:56:00	5.9	5.2	-0.7	0.00	0.00	0.00	1.5	W
9/15/2023 07:57:00	5.9	5.3	-0.5	0.00	0.00	0.00	1.5	SSW
9/15/2023 07:58:00	5.8	5.4	-0.4	0.00	0.00	0.00	1.5	ESE
9/15/2023 07:59:00	5.9	5.4	-0.4	0.00	0.00	0.00	1.5	S
9/15/2023 08:00:00	5.8	5.6	-0.2	0.00	0.00	0.00	1.4	SSE
9/15/2023 08:01:00	5.8	5.6	-0.2	0.00	0.00	0.00	1.3	ESE
9/15/2023 08:02:00	5.8	5.7	-0.1	0.01	0.00	-0.01	1.3	NE
9/15/2023 08:03:00	5.7	5.8	0.1	0.01	0.01	0.00	1.4	SSW
9/15/2023 08:04:00	5.6	5.8	0.3	1.15	0.01	-1.14	1.4	SE
9/15/2023 08:05:00	5.3	6.0	0.6	2.21	0.01	-2.20	1.4	E
9/15/2023 08:06:00	5.5	5.8	0.3	2.23	0.01	-2.23	1.4	SE
9/15/2023 08:07:00	5.3	5.4	0.0	2.23	0.01	-2.23	1.4	SW
9/15/2023 08:08:00	5.1	5.2	0.0	2.23	0.01	-2.23	1.5	ESE
9/15/2023 08:09:00	5.0	5.0	0.1	2.23	0.01	-2.23	1.6	E
9/15/2023 08:10:00	5.1	5.0	-0.1	2.23	0.01	-2.23	1.7	SW
9/15/2023 08:11:00	5.3	4.9	-0.3	2.23	0.01	-2.23	1.7	NE
9/15/2023 08:12:00	5.3	4.8	-0.5	2.23	0.01	-2.23	1.8	E
9/15/2023 08:13:00	5.4	4.7	-0.7	2.23	0.01	-2.23	1.8	E
9/15/2023 08:14:00	5.6	4.8	-0.8	2.23	0.01	-2.23	1.8	E
9/15/2023 08:15:00	6.0	4.8	-1.2	2.23	0.01	-2.23	1.7	N
9/15/2023 08:16:00	6.3	5.0	-1.3	2.23	0.01	-2.23	1.8	ESE
9/15/2023 08:17:00	6.2	4.9	-1.3	2.23	0.01	-2.22	1.8	ESE
9/15/2023 08:18:00	6.3	4.9	-1.4	2.23	0.00	-2.23	1.8	SE

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
9/15/2023 08:19:00	6.2	5.0	-1.2	1.08	0.00	-1.08	1.9	SW
9/15/2023 08:20:00	6.4	5.1	-1.3	0.02	0.00	-0.02	1.9	SE
9/15/2023 08:21:00	6.4	5.1	-1.2	0.00	0.00	0.00	2.0	E
9/15/2023 08:22:00	6.5	5.1	-1.4	0.00	0.00	0.00	2.0	E
9/15/2023 08:23:00	6.6	5.2	-1.4	0.00	0.00	0.00	1.9	N
9/15/2023 08:24:00	6.6	5.3	-1.3	0.00	0.00	0.00	1.9	ESE
9/15/2023 08:25:00	6.6	5.4	-1.2	0.00	0.00	0.00	2.0	E
9/15/2023 08:26:00	6.5	5.6	-0.9	0.00	0.00	0.00	2.0	SE
9/15/2023 08:27:00	6.6	5.5	-1.1	0.00	0.00	0.00	2.0	WSW
9/15/2023 08:28:00	6.5	5.6	-0.9	0.00	0.00	0.00	2.1	E
9/15/2023 08:29:00	6.3	5.6	-0.7	0.00	0.00	0.00	2.1	S
9/15/2023 08:30:00	6.0	5.4	-0.5	0.00	0.00	0.00	2.2	ESE
9/15/2023 08:31:00	5.7	5.4	-0.3	0.00	0.00	0.00	2.2	N
9/15/2023 08:32:00	5.8	5.4	-0.4	0.00	0.00	0.00	2.2	ESE
9/15/2023 08:33:00	5.8	5.4	-0.4	0.00	0.00	0.00	2.2	ENE
9/15/2023 08:34:00	5.9	5.4	-0.5	0.00	0.00	0.00	2.2	ENE
9/15/2023 08:35:00	6.0	5.4	-0.6	0.00	0.00	0.00	2.1	NW
9/15/2023 08:36:00	5.9	5.4	-0.5	0.00	0.00	0.00	2.0	N
9/15/2023 08:37:00	5.9	5.4	-0.4	0.00	0.00	0.00	2.0	SE
9/15/2023 08:38:00	6.0	5.4	-0.5	0.00	0.00	0.00	2.0	E
9/15/2023 08:39:00	6.2	5.3	-0.8	0.00	0.00	0.00	2.0	NNW
9/15/2023 08:40:00	6.3	5.0	-1.3	0.00	0.00	0.00	1.9	ENE
9/15/2023 08:41:00	6.3	4.8	-1.6	0.00	0.00	0.00	1.9	NNW
9/15/2023 08:42:00	6.3	4.7	-1.6	0.00	0.00	0.00	1.9	NNE
9/15/2023 08:43:00	6.3	4.7	-1.6	0.00	0.00	0.00	1.8	NNW
9/15/2023 08:44:00	6.3	4.8	-1.5	0.00	0.00	0.00	1.8	W
9/15/2023 08:45:00	6.8	5.0	-1.8	0.00	0.00	0.00	1.7	E
9/15/2023 08:46:00	7.3	5.2	-2.0	0.00	0.00	0.00	1.7	NNW
9/15/2023 08:47:00	7.9	5.2	-2.8	0.00	0.00	0.00	1.7	ENE
9/15/2023 08:48:00	8.4	5.2	-3.3	0.00	0.00	0.00	1.8	E
9/15/2023 08:49:00	8.6	5.1	-3.5	0.00	0.00	0.00	1.8	ENE
9/15/2023 08:50:00	8.5	5.0	-3.5	0.00	0.00	0.00	1.9	E
9/15/2023 08:51:00	8.7	5.1	-3.6	0.00	0.00	0.00	1.9	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
9/15/2023 08:52:00	8.8	5.4	-3.4	0.00	0.00	0.00	1.9	SSE
9/15/2023 08:53:00	8.7	5.7	-3.1	0.00	0.00	0.00	2.0	S
9/15/2023 08:54:00	8.5	6.0	-2.5	0.00	0.00	0.00	1.9	WSW
9/15/2023 08:55:00	8.3	6.3	-1.9	0.00	0.00	0.00	2.0	WNW
9/15/2023 08:56:00	8.4	6.3	-2.0	0.00	0.00	0.00	1.9	ENE
9/15/2023 08:57:00	8.2	6.9	-1.2	0.00	0.00	0.00	1.9	WSW
9/15/2023 08:58:00	8.7	6.9	-1.7	0.00	0.00	0.00	1.9	ESE
9/15/2023 08:59:00	8.6	7.0	-1.6	0.00	0.00	0.00	2.0	WNW
9/15/2023 09:00:00	8.2	6.7	-1.5	0.00	0.00	0.00	1.9	E
9/15/2023 09:01:00	7.6	6.7	-1.0	0.00	0.00	0.00	1.9	S
9/15/2023 09:02:00	7.1	6.6	-0.5	0.00	0.00	0.00	1.9	NNW
9/15/2023 09:03:00	7.0	6.6	-0.4	0.00	0.00	0.00	1.8	NNE
9/15/2023 09:04:00	7.1	6.6	-0.5	0.00	0.00	0.00	1.8	NNE
9/15/2023 09:05:00	7.4	6.6	-0.8	0.00	0.00	0.00	1.7	ENE
9/15/2023 09:06:00	7.6	6.5	-1.1	0.00	0.00	0.00	1.8	E
9/15/2023 09:07:00	7.7	6.1	-1.6	0.00	0.00	0.00	1.8	ESE
9/15/2023 09:08:00	8.1	6.0	-2.1	0.00	0.00	0.00	1.9	SE
9/15/2023 09:09:00	8.3	5.6	-2.6	0.00	0.00	0.00	2.0	ENE
9/15/2023 09:10:00	8.4	5.3	-3.1	0.00	0.00	0.00	2.0	ENE
9/15/2023 09:11:00	8.2	5.5	-2.7	0.00	0.00	0.00	2.0	SSE
9/15/2023 09:12:00	8.4	4.8	-3.6	0.01	0.00	-0.01	2.1	E
9/15/2023 09:13:00	7.8	4.8	-3.0	0.01	0.00	-0.01	2.2	NW
9/15/2023 09:14:00	7.9	4.6	-3.3	0.01	0.00	-0.01	2.3	ESE
9/15/2023 09:15:00	7.8	4.6	-3.3	0.01	0.00	-0.01	2.4	ENE
9/15/2023 09:16:00	7.8	4.4	-3.4	0.01	0.00	-0.01	2.5	NNE
9/15/2023 09:17:00	7.6	4.4	-3.2	0.00	0.00	0.00	2.5	ESE
9/15/2023 09:18:00	7.1	4.4	-2.8	0.00	0.00	0.00	2.6	ESE
9/15/2023 09:19:00	6.8	4.4	-2.4	0.00	0.00	0.00	2.6	SW
9/15/2023 09:20:00	6.3	4.4	-1.8	0.00	0.00	0.00	2.6	SSW
9/15/2023 09:21:00	5.9	4.4	-1.4	0.00	0.00	0.00	2.6	E
9/15/2023 09:22:00	5.6	4.4	-1.2	0.00	0.00	0.00	2.7	WNW
9/15/2023 09:23:00	5.1	4.3	-0.8	0.00	0.00	0.00	2.6	E
9/15/2023 09:24:00	4.8	4.3	-0.6	0.00	0.00	0.00	2.5	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
9/15/2023 09:25:00	4.6	4.3	-0.4	0.00	0.00	0.00	2.4	WSW
9/15/2023 09:26:00	4.6	4.0	-0.6	0.00	0.00	0.00	2.4	E
9/15/2023 09:27:00	4.5	4.0	-0.4	0.00	0.00	0.00	2.3	E
9/15/2023 09:28:00	4.5	3.9	-0.6	0.00	0.00	0.00	2.2	NNE
9/15/2023 09:29:00	4.3	4.0	-0.3	0.00	0.00	0.00	2.1	WSW
9/15/2023 09:30:00	4.2	4.0	-0.2	0.00	0.00	0.00	2.0	SW
9/15/2023 09:31:00	4.2	4.1	-0.1	0.00	0.00	0.00	2.0	S
9/15/2023 09:32:00	4.2	4.2	0.0	0.00	0.00	0.00	2.0	S
9/15/2023 09:33:00	4.2	4.2	-0.1	0.00	0.00	0.00	2.0	ENE
9/15/2023 09:34:00	4.3	4.1	-0.1	0.00	0.00	0.00	2.0	NW
9/15/2023 09:35:00	4.2	4.0	-0.2	0.00	0.00	0.00	1.9	NNW
9/15/2023 09:36:00	4.5	4.0	-0.5	0.00	0.00	0.00	1.8	ESE
9/15/2023 09:37:00	4.8	4.0	-0.7	0.00	0.00	0.00	1.7	SE
9/15/2023 09:38:00	4.8	4.2	-0.5	0.00	0.00	0.00	1.7	SSE
9/15/2023 09:39:00	4.9	4.3	-0.5	0.00	0.00	0.00	1.8	E
9/15/2023 09:40:00	5.0	4.5	-0.6	0.00	0.00	0.00	1.8	WNW
9/15/2023 09:41:00	5.0	4.5	-0.5	0.01	0.00	-0.01	1.8	NW
9/15/2023 09:42:00	5.2	4.5	-0.6	0.01	0.00	-0.01	1.9	SE
9/15/2023 09:43:00	5.3	4.5	-0.8	0.01	0.00	-0.01	2.0	E
9/15/2023 09:44:00	5.4	4.5	-0.9	0.01	0.00	-0.01	2.0	E
9/15/2023 09:45:00	5.5	4.4	-1.1	0.01	0.00	-0.01	2.0	ESE
9/15/2023 09:46:00	5.5	4.5	-1.0	0.01	0.00	-0.01	2.0	NW
9/15/2023 09:47:00	5.7	4.4	-1.3	0.01	0.00	-0.01	1.9	ENE
9/15/2023 09:48:00	5.9	4.5	-1.5	0.01	0.00	-0.01	1.9	ESE
9/15/2023 09:49:00	6.5	4.5	-2.0	0.01	0.00	-0.01	1.9	ESE
9/15/2023 09:50:00	7.2	4.5	-2.7	0.01	0.00	-0.01	2.0	E
9/15/2023 09:51:00	7.6	4.5	-3.1	0.01	0.00	-0.01	2.0	E
9/15/2023 09:52:00	7.6	4.5	-3.1	0.01	0.00	-0.01	2.1	E
9/15/2023 09:53:00	7.9	4.4	-3.6	0.01	0.00	-0.01	2.1	E
9/15/2023 09:54:00	8.4	4.3	-4.1	0.01	0.00	-0.01	2.0	ENE
9/15/2023 09:55:00	8.7	4.2	-4.5	0.01	0.00	-0.01	2.0	N
9/15/2023 09:56:00	9.0	4.4	-4.7	0.00	0.00	0.00	2.0	E
9/15/2023 09:57:00	8.9	4.5	-4.3	0.00	0.00	0.00	1.9	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
9/15/2023 09:58:00	8.7	4.9	-3.8	0.00	0.01	0.01	1.9	WNW
9/15/2023 09:59:00	8.7	5.2	-3.5	0.00	0.01	0.01	2.0	W
9/15/2023 10:00:00	8.7	6.7	-2.0	0.00	0.01	0.01	2.1	W
9/15/2023 10:01:00	9.6	6.6	-3.0	0.00	0.01	0.01	2.2	NNE
9/15/2023 10:02:00	9.9	6.7	-3.2	0.00	0.01	0.01	2.3	E
9/15/2023 10:03:00	9.7	7.1	-2.5	0.00	0.01	0.01	2.3	WSW
9/15/2023 10:04:00	9.6	7.2	-2.4	0.00	0.01	0.01	2.2	NNE
9/15/2023 10:05:00	8.9	7.5	-1.4	0.00	0.01	0.01	2.2	SW
9/15/2023 10:06:00	8.8	7.5	-1.2	0.00	0.01	0.01	2.1	NNE
9/15/2023 10:07:00	8.5	8.1	-0.5	0.00	0.01	0.01	2.1	SW
9/15/2023 10:08:00	8.2	8.4	0.2	0.00	0.01	0.01	2.1	W
9/15/2023 10:09:00	7.9	8.3	0.5	0.00	0.01	0.01	2.2	E
9/15/2023 10:10:00	7.8	8.3	0.5	0.00	0.01	0.01	2.2	E
9/15/2023 10:11:00	7.8	8.1	0.4	0.00	0.01	0.01	2.2	ENE
9/15/2023 10:12:00	8.6	8.0	-0.6	0.00	0.01	0.01	2.1	ENE
9/15/2023 10:13:00	8.6	9.1	0.5	0.00	0.00	0.00	2.0	NW
9/15/2023 10:14:00	9.0	8.8	-0.2	0.00	0.00	0.00	2.0	E
9/15/2023 10:15:00	8.8	7.7	-1.1	0.00	0.00	0.00	1.8	WNW
9/15/2023 10:16:00	8.2	7.7	-0.6	0.00	0.00	0.00	1.7	N
9/15/2023 10:17:00	7.7	8.0	0.3	0.00	0.03	0.03	1.7	WNW
9/15/2023 10:18:00	7.6	8.0	0.4	0.00	0.05	0.05	1.7	SE
9/15/2023 10:19:00	7.5	7.9	0.4	0.00	0.05	0.05	1.8	ESE
9/15/2023 10:20:00	7.9	7.6	-0.3	0.00	0.05	0.05	1.8	E
9/15/2023 10:21:00	7.3	8.3	1.0	0.00	0.05	0.05	1.8	NW
9/15/2023 10:22:00	7.9	7.8	-0.1	0.00	0.05	0.05	1.8	ENE
9/15/2023 10:23:00	8.1	7.5	-0.7	0.00	0.05	0.04	1.8	NNE
9/15/2023 10:24:00	8.0	7.5	-0.5	0.00	0.05	0.04	1.7	ENE
9/15/2023 10:25:00	7.9	7.5	-0.4	0.00	0.05	0.04	1.7	ENE
9/15/2023 10:26:00	8.1	7.9	-0.2	0.00	0.05	0.04	1.6	ESE
9/15/2023 10:27:00	7.7	8.5	0.8	0.00	0.05	0.04	1.6	ENE
9/15/2023 10:28:00	8.0	7.5	-0.5	0.00	0.05	0.04	1.7	S
9/15/2023 10:29:00	8.0	7.5	-0.6	0.00	0.05	0.04	1.7	E
9/15/2023 10:30:00	8.8	7.1	-1.7	0.00	0.05	0.04	1.7	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
9/15/2023 10:31:00	8.9	7.1	-1.8	0.00	0.05	0.04	1.7	N
9/15/2023 10:32:00	9.3	6.8	-2.5	0.00	0.02	0.02	1.6	ENE
9/15/2023 10:33:00	9.6	6.4	-3.2	0.00	0.00	0.00	1.6	SE
9/15/2023 10:34:00	9.7	6.5	-3.2	0.00	0.00	0.00	1.6	ENE
9/15/2023 10:35:00	9.2	7.0	-2.1	0.00	0.00	0.00	1.6	NW
9/15/2023 10:36:00	9.2	6.8	-2.4	0.00	0.00	0.00	1.6	NW
9/15/2023 10:37:00	9.0	6.8	-2.2	0.00	0.00	0.00	1.6	E
9/15/2023 10:38:00	9.2	6.9	-2.3	0.00	0.00	0.00	1.6	E
9/15/2023 10:39:00	9.6	7.0	-2.6	0.00	0.00	0.00	1.7	ESE
9/15/2023 10:40:00	9.8	7.0	-2.8	0.00	0.00	0.00	1.7	NE
9/15/2023 10:41:00	9.3	6.8	-2.5	0.00	0.00	0.00	1.8	NW
9/15/2023 10:42:00	9.0	6.3	-2.7	0.00	0.00	0.00	1.7	ENE
9/15/2023 10:43:00	8.9	5.8	-3.2	0.00	0.00	0.00	1.8	E
9/15/2023 10:44:00	8.4	6.0	-2.5	0.00	0.00	0.00	1.8	WSW
9/15/2023 10:45:00	7.9	5.9	-1.9	0.00	0.00	0.00	1.8	ESE
9/15/2023 10:46:00	7.8	5.9	-1.9	0.00	0.00	0.00	1.9	ESE
9/15/2023 10:47:00	7.9	5.9	-2.0	0.00	0.00	0.00	2.0	E
9/15/2023 10:48:00	8.2	5.9	-2.4	0.00	0.00	0.00	2.1	N
9/15/2023 10:49:00	7.9	6.1	-1.8	0.00	0.00	0.00	2.1	W
9/15/2023 10:50:00	8.2	5.5	-2.7	0.00	0.00	0.00	2.1	ENE
9/15/2023 10:51:00	8.7	5.1	-3.6	0.00	0.00	0.00	2.2	ESE
9/15/2023 10:52:00	8.8	5.0	-3.8	0.00	0.00	0.00	2.3	ENE
9/15/2023 10:53:00	8.8	5.1	-3.7	0.01	0.00	-0.01	2.4	ENE
9/15/2023 10:54:00	8.7	5.1	-3.6	0.01	0.00	-0.01	2.5	ESE
9/15/2023 10:55:00	8.4	5.7	-2.7	0.01	0.00	-0.01	2.6	W
9/15/2023 10:56:00	8.5	6.2	-2.4	0.01	0.00	-0.01	2.7	W
9/15/2023 10:57:00	9.0	6.3	-2.7	0.01	0.00	-0.01	2.8	NE
9/15/2023 10:58:00	9.4	6.3	-3.1	0.01	0.00	-0.01	2.9	E
9/15/2023 10:59:00	9.8	6.1	-3.6	0.01	0.00	-0.01	3.0	NNW
9/15/2023 11:00:00	10.1	6.2	-3.9	0.01	0.00	-0.01	3.0	E
9/15/2023 11:01:00	10.6	6.3	-4.3	0.01	0.00	-0.01	3.1	NE
9/15/2023 11:02:00	10.1	6.5	-3.6	0.01	0.00	-0.01	3.0	W
9/15/2023 11:03:00	9.8	7.0	-2.9	0.01	0.00	-0.01	3.1	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
9/15/2023 11:04:00	10.3	7.0	-3.4	0.01	0.00	-0.01	3.2	E
9/15/2023 11:05:00	10.1	7.3	-2.8	0.01	0.00	-0.01	3.3	S
9/15/2023 11:06:00	9.9	7.5	-2.4	0.01	0.00	-0.01	3.4	E
9/15/2023 11:07:00				0.01	0.00	-0.01	3.4	N
9/15/2023 11:08:00				0.00	0.00	0.00	3.4	WSW
9/15/2023 11:09:00				0.00	0.00	0.00	3.2	N
9/15/2023 11:10:00				0.00	0.00	0.00	3.2	SW
9/15/2023 11:11:00	20.3	9.8	-10.5	0.00	0.00	0.00	3.2	NE
9/15/2023 11:12:00	19.1	7.1	-12.0	0.00	0.00	0.00	3.2	E
9/15/2023 11:13:00	17.1	5.8	-11.3	0.00	0.00	0.00	3.0	ENE
9/15/2023 11:14:00	13.6	8.0	-5.6	0.00	0.00	0.00	3.0	NW
9/15/2023 11:15:00	14.2	7.2	-7.0	0.00	0.00	0.00	2.9	E
9/15/2023 11:16:00	14.1	6.5	-7.6	0.00	0.00	0.00	2.8	NE
9/15/2023 11:17:00	13.8	6.1	-7.7	0.00	0.00	0.00	2.8	NE
9/15/2023 11:18:00	14.1	5.8	-8.3	0.00	0.00	0.00	2.7	ESE
9/15/2023 11:19:00	15.2	5.5	-9.7	0.00	0.00	0.00	2.5	E
9/15/2023 11:20:00	15.8	5.4	-10.4	0.00	0.00	0.00	2.5	N
9/15/2023 11:21:00	15.6	5.9	-9.8	0.00	0.00	0.00	2.3	E
9/15/2023 11:22:00	14.8	6.8	-8.1	0.00	0.00	0.00	2.3	SE
9/15/2023 11:23:00	15.1	6.6	-8.6	0.00	0.00	0.00	2.3	E
9/15/2023 11:24:00	14.3	7.2	-7.1	0.00	0.00	0.00	2.3	SSE
9/15/2023 11:25:00	13.7	7.7	-6.0	0.00	0.00	0.00	2.2	WNW
9/15/2023 11:26:00	13.2	7.3	-5.9	0.00	0.00	0.00	2.1	E
9/15/2023 11:27:00	12.3	7.6	-4.7	0.00	0.00	0.00	2.1	NW
9/15/2023 11:28:00	11.9	7.7	-4.2	0.00	0.00	0.00	2.1	NNW
9/15/2023 11:29:00	13.0	7.0	-5.9	0.00	0.00	0.00	2.0	ESE
9/15/2023 11:30:00	13.7	7.1	-6.6	0.00	0.00	0.00	2.0	ENE
9/15/2023 11:31:00	14.3	7.2	-7.2	0.00	0.00	0.00	2.1	ESE
9/15/2023 11:32:00	14.5	7.2	-7.3	0.00	0.00	0.00	2.1	ENE
9/15/2023 11:33:00	14.6	7.3	-7.3	0.00	0.00	0.00	2.1	NW
9/15/2023 11:34:00	13.7	7.5	-6.2	0.00	0.00	0.00	2.0	E
9/15/2023 11:35:00	12.8	7.5	-5.3	0.00	0.00	0.00	2.0	NNW
9/15/2023 11:36:00	12.2	7.3	-4.9	0.00	0.00	0.00	2.0	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
9/15/2023 11:37:00	12.2	6.8	-5.4	0.00	0.00	0.00	1.9	WNW
9/15/2023 11:38:00	12.1	6.9	-5.2	0.01	0.00	0.00	1.9	ESE
9/15/2023 11:39:00	12.8	6.2	-6.5	0.01	0.00	0.00	1.9	ENE
9/15/2023 11:40:00	13.4	5.7	-7.8	0.01	0.00	0.00	1.8	NNW
9/15/2023 11:41:00	13.2	5.8	-7.4	0.00	0.00	0.00	1.8	E
9/15/2023 11:42:00	13.4	6.0	-7.5	0.00	0.00	0.00	1.7	SW
9/15/2023 11:43:00	13.2	6.5	-6.8	0.00	0.00	0.00	1.7	W
9/15/2023 11:44:00	12.4	6.6	-5.7	0.00	0.01	0.01	1.7	W
9/15/2023 11:45:00	11.2	6.8	-4.4	0.00	0.01	0.01	1.7	ENE
9/15/2023 11:46:00	10.2	7.5	-2.7	0.00	0.01	0.01	1.6	SSW
9/15/2023 11:47:00	9.9	7.9	-2.0	0.00	0.01	0.01	1.6	WNW
9/15/2023 11:48:00	9.3	8.1	-1.2	0.00	0.01	0.01	1.6	NW
9/15/2023 11:49:00	9.0	8.2	-0.8	0.00	0.01	0.01	1.7	NW
9/15/2023 11:50:00	9.6	8.2	-1.4	0.00	0.01	0.01	1.7	E
9/15/2023 11:51:00	9.5	8.4	-1.2	0.00	0.01	0.01	1.6	NW
9/15/2023 11:52:00	9.7	8.0	-1.7	0.00	0.01	0.00	1.6	ENE
9/15/2023 11:53:00	9.2	7.9	-1.3	0.00	0.01	0.01	1.6	ESE
9/15/2023 11:54:00	8.7	7.8	-0.9	0.00	0.01	0.01	1.6	N
9/15/2023 11:55:00	8.2	7.7	-0.4	0.00	0.01	0.01	1.6	NNW
9/15/2023 11:56:00	7.7	7.7	-0.1	0.00	0.01	0.01	1.6	WNW
9/15/2023 11:57:00	7.7	7.2	-0.4	0.00	0.01	0.01	1.6	N
9/15/2023 11:58:00	7.8	6.6	-1.2	0.00	0.01	0.01	1.5	E
9/15/2023 11:59:00	7.6	6.7	-1.0	0.00	0.00	0.00	1.4	WNW
9/15/2023 12:00:00	7.3	6.7	-0.7	0.00	0.00	0.00	1.5	W
9/15/2023 12:01:00	7.3	6.2	-1.1	0.00	0.00	0.00	1.4	WNW
9/15/2023 12:02:00	7.1	5.9	-1.2	0.00	0.00	0.00	1.4	SE
9/15/2023 12:03:00	6.9	6.1	-0.8	0.00	0.00	0.00	1.3	S
9/15/2023 12:04:00	7.0	5.9	-1.2	0.00	0.00	0.00	1.2	E
9/15/2023 12:05:00	6.2	6.1	-0.1	0.00	0.00	0.00	1.2	SSW
9/15/2023 12:06:00	6.5	5.7	-0.8	0.00	0.00	0.00	1.2	ENE
9/15/2023 12:07:00	6.3	5.8	-0.5	0.00	0.00	0.00	1.2	SSE
9/15/2023 12:08:00	6.1	5.9	-0.2	0.00	0.00	0.00	1.2	ESE
9/15/2023 12:09:00	6.0	5.9	-0.1	0.00	0.00	0.00	1.2	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
9/15/2023 12:10:00	6.1	5.9	-0.2	0.00	0.00	0.00	1.2	NNW
9/15/2023 12:11:00	6.1	6.0	-0.2	0.00	0.00	0.00	1.2	WNW
9/15/2023 12:12:00	6.0	6.2	0.1	0.00	0.00	0.00	1.3	WNW
9/15/2023 12:13:00	6.0	6.2	0.2	0.00	0.00	0.00	1.3	NNW
9/15/2023 12:14:00	6.3	5.9	-0.3	0.00	0.00	0.00	1.4	E
9/15/2023 12:15:00	6.5	5.7	-0.8	0.00	0.00	0.00	1.3	NE
9/15/2023 12:16:00	6.5	5.5	-1.0	0.00	0.00	0.00	1.4	ESE
9/15/2023 12:17:00	6.2	5.7	-0.5	0.00	0.00	0.00	1.4	SSE
9/15/2023 12:18:00	6.4	5.2	-1.2	0.00	0.00	0.00	1.4	NE
9/15/2023 12:19:00	6.1	5.4	-0.7	0.00	0.00	0.00	1.4	W
9/15/2023 12:20:00	6.1	5.4	-0.7	0.00	0.00	0.00	1.5	WNW
9/15/2023 12:21:00	5.8	5.5	-0.3	0.00	0.00	0.00	1.5	W
9/15/2023 12:22:00	6.0	5.5	-0.5	0.00	0.00	0.00	1.5	NE
9/15/2023 12:23:00	5.9	5.7	-0.1	0.00	0.00	0.00	1.5	W
9/15/2023 12:24:00	6.0	5.8	-0.3	0.00	0.00	0.00	1.5	N
9/15/2023 12:25:00	5.9	6.1	0.2	0.00	0.00	0.00	1.5	WSW
9/15/2023 12:26:00	6.3	5.9	-0.3	0.00	0.00	0.00	1.4	ENE
9/15/2023 12:27:00	6.5	5.8	-0.7	0.00	0.00	0.00	1.4	NW
9/15/2023 12:28:00	6.6	5.9	-0.7	0.00	0.00	0.00	1.4	NNE
9/15/2023 12:29:00	6.6	5.9	-0.7	0.00	0.00	0.00	1.4	E
9/15/2023 12:30:00	6.5	6.3	-0.2	0.00	0.00	0.00	1.4	WSW
9/15/2023 12:31:00	6.4	6.8	0.4	0.00	0.00	0.00	1.5	WNW
9/15/2023 12:32:00	6.8	6.6	-0.1	0.00	0.00	0.00	1.6	E
9/15/2023 12:33:00	7.1	6.7	-0.4	0.00	0.00	0.00	1.6	ESE
9/15/2023 12:34:00	7.3	6.6	-0.7	0.00	0.00	0.00	1.7	NNW
9/15/2023 12:35:00	7.5	6.6	-0.9	0.00	0.00	0.00	1.6	NW
9/15/2023 12:36:00	7.9	6.5	-1.4	0.00	0.00	0.00	1.7	E
9/15/2023 12:37:00	8.4	11.2	2.8	0.00	0.00	0.00	1.7	ESE
9/15/2023 12:38:00	8.9	16.9	8.1	0.00	0.00	0.00	1.7	ENE
9/15/2023 12:39:00	10.2	18.0	7.8	0.00	0.00	0.00	1.7	WSW
9/15/2023 12:40:00	10.8	21.1	10.2	0.00	0.00	0.00	1.7	NNW
9/15/2023 12:41:00	10.8	21.8	11.0	0.00	0.00	0.00	1.7	N
9/15/2023 12:42:00	10.8	22.2	11.3	0.00	0.00	0.00	1.7	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
9/15/2023 12:43:00	11.7	22.7	11.0	0.00	0.00	0.00	1.7	NW
9/15/2023 12:44:00	11.9	23.3	11.4	0.00	0.00	0.00	1.7	E
9/15/2023 12:45:00	12.5	23.2	10.7	0.00	0.00	0.00	1.7	NW
9/15/2023 12:46:00	12.6	24.1	11.5	0.00	0.00	0.00	1.6	NNW
9/15/2023 12:47:00	12.5	24.9	12.4	0.00	0.00	0.00	1.5	NNW
9/15/2023 12:48:00	12.2	25.9	13.7	0.00	0.00	0.00	1.5	N
9/15/2023 12:49:00	12.3	27.3	15.0	0.00	0.00	0.00	1.4	NNW
9/15/2023 12:50:00	12.3	29.7	17.4	0.00	0.00	0.00	1.4	NW
9/15/2023 12:51:00	12.2	31.7	19.5	0.00	0.00	0.00	1.4	NNW
9/15/2023 12:52:00	12.6	27.3	14.7	0.00	0.00	0.00	1.4	W
9/15/2023 12:53:00	13.0	21.6	8.7	0.00	0.00	0.00	1.4	NW
9/15/2023 12:54:00	12.8	20.8	8.0	0.00	0.01	0.01	1.4	WNW
9/15/2023 12:55:00	14.3	17.6	3.3	0.00	0.01	0.01	1.4	W
9/15/2023 12:56:00	17.5	17.6	0.1	0.00	0.01	0.01	1.5	WNW
9/15/2023 12:57:00	18.0	17.4	-0.6	0.00	0.02	0.02	1.5	WNW
9/15/2023 12:58:00	19.0	17.0	-2.0	0.00	0.03	0.03	1.6	NW
9/15/2023 12:59:00	18.9	19.0	0.1	0.00	0.04	0.03	1.6	ESE
9/15/2023 13:00:00	18.9	19.8	0.9	0.01	0.04	0.03	1.7	NNW
9/15/2023 13:01:00	18.9	20.2	1.3	0.01	0.04	0.02	1.7	NNE
9/15/2023 13:02:00	21.6	19.5	-2.2	0.01	0.04	0.03	1.9	WNW
9/15/2023 13:03:00	22.6	18.7	-4.0	0.01	0.05	0.03	1.9	WNW
9/15/2023 13:04:00	22.7	19.3	-3.5	0.01	0.05	0.03	1.9	NE
9/15/2023 13:05:00	23.2	19.1	-4.1	0.01	0.05	0.03	2.0	NNW
9/15/2023 13:06:00	23.2	18.5	-4.7	0.01	0.05	0.03	2.1	N
9/15/2023 13:07:00	23.0	20.2	-2.8	0.01	0.05	0.03	2.2	NNW
9/15/2023 13:08:00	24.9	20.0	-4.8	0.01	0.05	0.03	2.3	WNW
9/15/2023 13:09:00	24.5	20.0	-4.6	0.01	0.04	0.03	2.3	W
9/15/2023 13:10:00	22.7	20.3	-2.4	0.01	0.04	0.03	2.2	NE
9/15/2023 13:11:00	19.9	20.6	0.7	0.01	0.04	0.02	2.2	NW
9/15/2023 13:12:00	20.4	21.2	0.8	0.01	0.03	0.01	2.3	WNW
9/15/2023 13:13:00	18.5	21.8	3.3	0.01	0.01	0.00	2.3	NNW
9/15/2023 13:14:00	18.5	20.0	1.5	0.01	0.01	0.00	2.2	E
9/15/2023 13:15:00	18.4	20.1	1.7	0.01	0.01	0.01	2.2	NNW

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
9/15/2023 13:16:00	19.6	19.1	-0.5	0.00	0.01	0.01	2.2	NW
9/15/2023 13:17:00	17.1	19.7	2.6	0.00	0.01	0.01	2.1	ESE
9/15/2023 13:18:00	17.0	19.8	2.8	0.00	0.00	0.00	2.1	NW
9/15/2023 13:19:00	18.9	18.3	-0.6	0.00	0.00	0.00	2.2	NW
9/15/2023 13:20:00	19.0	16.4	-2.6	0.00	0.00	0.00	2.2	WNW
9/15/2023 13:21:00	19.1	15.9	-3.1	0.00	0.00	0.00	2.1	ENE
9/15/2023 13:22:00	20.0	14.4	-5.6	0.00	0.00	0.00	2.1	WNW
9/15/2023 13:23:00	17.5	16.9	-0.6	0.00	0.00	0.00	2.0	NE
9/15/2023 13:24:00	16.7	17.6	0.9	0.00	0.00	0.00	2.0	NE
9/15/2023 13:25:00	18.7	17.4	-1.3	0.00	0.00	0.00	2.1	NW
9/15/2023 13:26:00	18.4	17.7	-0.7	0.00	0.00	0.00	2.1	NE
9/15/2023 13:27:00	17.4	19.8	2.4	0.00	0.00	0.00	2.1	NNW
9/15/2023 13:28:00	17.4	21.5	4.1	0.00	0.00	0.00	2.0	E
9/15/2023 13:29:00	18.3	21.2	2.9	0.00	0.00	0.00	2.1	NW
9/15/2023 13:30:00	19.6	20.5	0.9	0.00	0.00	0.00	2.0	WNW
9/15/2023 13:31:00	19.7	20.8	1.1	0.00	0.00	0.00	2.1	W
9/15/2023 13:32:00	20.0	22.5	2.5	0.00	0.00	0.00	2.1	ENE
9/15/2023 13:33:00	19.9	22.6	2.8	0.00	0.00	0.00	2.0	NW
9/15/2023 13:34:00	18.3	22.3	4.0	0.00	0.00	0.00	2.0	WNW
9/15/2023 13:35:00	19.5	23.3	3.8	0.00	0.00	0.00	2.0	WSW
9/15/2023 13:36:00	20.8	23.0	2.2	0.00	0.06	0.06	2.0	W
9/15/2023 13:37:00	20.8	23.2	2.4	0.00	0.08	0.08	2.0	WNW
9/15/2023 13:38:00	21.0	20.9	-0.1	0.00	0.08	0.08	2.1	NW
9/15/2023 13:39:00	21.0	23.2	2.2	0.00	0.08	0.08	2.1	NNW
9/15/2023 13:40:00	20.5	23.3	2.8	0.00	0.08	0.08	2.0	WNW
9/15/2023 13:41:00	21.1	22.4	1.2	0.00	0.08	0.08	2.1	NW
9/15/2023 13:42:00	21.3	21.0	-0.3	0.00	0.08	0.08	2.1	NW
9/15/2023 13:43:00	22.6	18.7	-3.9	0.00	0.08	0.08	2.1	WNW
9/15/2023 13:44:00	21.5	20.3	-1.3	0.00	0.08	0.08	2.1	NE
9/15/2023 13:45:00	20.6	21.5	0.9	0.00	0.08	0.08	2.1	E
9/15/2023 13:46:00	20.6	20.8	0.2	0.00	0.08	0.08	2.1	WSW
9/15/2023 13:47:00	22.2	18.9	-3.3	0.00	0.08	0.08	2.1	W
9/15/2023 13:48:00	21.8	20.6	-1.2	0.00	0.08	0.08	2.2	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
9/15/2023 13:49:00	21.6	22.0	0.4	0.00	0.08	0.08	2.2	N
9/15/2023 13:50:00	20.4	23.3	2.9	0.00	0.08	0.08	2.2	NNE
9/15/2023 13:51:00	20.7	23.1	2.4	0.00	0.02	0.02	2.2	WNW
9/15/2023 13:52:00	19.5	24.2	4.7	0.00	0.00	0.00	2.2	NE
9/15/2023 13:53:00	19.2	24.9	5.7	0.00	0.00	0.00	2.1	NE
9/15/2023 13:54:00	19.1	23.1	4.0	0.00	0.00	0.00	2.1	NNW
9/15/2023 13:55:00	17.6	23.8	6.2	0.00	0.00	0.00	2.1	NNW
9/15/2023 13:56:00	16.9	25.7	8.8	0.00	0.00	0.00	2.0	ENE
9/15/2023 13:57:00	17.9	24.5	6.6	0.00	0.00	0.00	2.0	NW
9/15/2023 13:58:00	16.7	24.7	7.9	0.00	0.00	0.00	2.0	NW
9/15/2023 13:59:00	16.8	23.3	6.5	0.00	0.00	0.00	1.9	ENE
9/15/2023 14:00:00	16.4	22.0	5.7	0.00	0.00	0.00	1.9	ESE
9/15/2023 14:01:00	15.2	21.9	6.8	0.00	0.00	0.00	2.0	WNW
9/15/2023 14:02:00	13.1	21.4	8.3	0.00	0.00	0.00	2.0	E
9/15/2023 14:03:00	12.8	19.3	6.5	0.00	0.00	0.00	2.0	ENE
9/15/2023 14:04:00	12.7	17.7	5.0	0.00	0.00	0.00	2.0	NW
9/15/2023 14:05:00	12.2	15.1	2.9	0.00	0.00	0.00	1.9	ENE
9/15/2023 14:06:00	10.3	14.9	4.5	0.00	0.00	0.00	1.9	NW
9/15/2023 14:07:00	10.1	13.2	3.1	0.00	0.00	0.00	1.9	N
9/15/2023 14:08:00	10.3	12.1	1.9	0.00	0.00	0.00	1.8	N
9/15/2023 14:09:00	10.4	10.8	0.5	0.00	0.00	0.00	1.8	NW
9/15/2023 14:10:00	10.3	9.9	-0.5	0.00	0.00	0.00	1.9	NE
9/15/2023 14:11:00	10.6	7.9	-2.7	0.00	0.00	0.00	1.9	NNW
9/15/2023 14:12:00	9.3	8.0	-1.3	0.00	0.00	0.00	1.9	WNW
9/15/2023 14:13:00	9.2	7.6	-1.6	0.00	0.00	0.00	2.0	E
9/15/2023 14:14:00	9.1	7.0	-2.0	0.00	0.00	0.00	2.0	E
9/15/2023 14:15:00	9.1	6.7	-2.3	0.00	0.00	0.00	2.2	E
9/15/2023 14:16:00	9.1	6.5	-2.6	0.00	0.00	0.00	2.1	ESE
9/15/2023 14:17:00	9.1	6.5	-2.5	0.00	0.00	0.00	2.1	ESE
9/15/2023 14:18:00	9.1	6.8	-2.3	0.00	0.00	0.00	2.1	SSE
9/15/2023 14:19:00	9.0	6.9	-2.1	0.00	0.00	0.00	2.0	NNW
9/15/2023 14:20:00	9.0	7.0	-2.0	0.00	0.00	0.00	2.0	ENE
9/15/2023 14:21:00	9.2	6.8	-2.5	0.00	0.00	0.00	1.9	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/15/2023 14:22:00	9.6	6.8	-2.8	0.00	0.00	0.00	1.9	E
9/15/2023 14:23:00	9.3	7.2	-2.1	0.00	0.00	0.00	1.9	SW
9/15/2023 14:24:00	9.3	7.3	-1.9	0.00	0.00	0.00	1.9	WSW
9/15/2023 14:25:00	9.1	7.8	-1.2	0.00	0.00	0.00	1.9	WSW
9/15/2023 14:26:00	8.7	8.1	-0.6	0.00	0.00	0.00	1.9	WSW
9/15/2023 14:27:00	8.9	7.9	-1.0	0.00	0.00	0.00	1.9	ENE
9/15/2023 14:28:00	9.0	7.9	-1.1	0.00	0.00	0.00	1.8	NNW
9/15/2023 14:29:00	10.2	7.8	-2.4	0.00	0.00	0.00	1.7	NE
9/15/2023 14:30:00	11.9	7.9	-4.0	0.00	0.00	0.00	1.6	E
9/15/2023 14:31:00	12.0	7.9	-4.1	0.00	0.00	0.00	1.6	SE
9/15/2023 14:32:00	12.0	7.7	-4.3	0.00	0.00	0.00	1.6	ENE
9/15/2023 14:33:00	12.0	7.4	-4.7	0.00	0.00	0.00	1.6	NNW
9/15/2023 14:34:00	11.8	7.5	-4.3	0.00	0.00	0.00	1.6	NW
9/15/2023 14:35:00	11.8	7.4	-4.4	0.00	0.00	0.00	1.6	NNE
9/15/2023 14:36:00	12.0	7.5	-4.6	0.00	0.00	0.00	1.7	SE
9/15/2023 14:37:00	11.6	7.7	-3.9	0.00	0.00	0.00	1.7	WSW
9/15/2023 14:38:00	11.5	7.6	-3.9	0.00	0.00	0.00	1.7	SW
9/15/2023 14:39:00	11.2	8.0	-3.2	0.00	0.00	0.00	1.7	SSE
9/15/2023 14:40:00	11.1	7.7	-3.4	0.00	0.00	0.00	1.7	S
9/15/2023 14:41:00	11.3	7.3	-4.1	0.00	0.00	0.00	1.8	ESE
9/15/2023 14:42:00	11.0	7.6	-3.4	0.00	0.00	0.00	1.8	SSW
9/15/2023 14:43:00	10.7	7.8	-2.9	0.00	0.00	0.00	1.9	S
9/15/2023 14:44:00	9.2	7.9	-1.2	0.00	0.00	0.00	1.9	NW
9/15/2023 14:45:00	7.3	7.8	0.5	0.00	0.00	0.00	2.0	N
9/15/2023 14:46:00	7.7	7.7	0.1	0.00	0.00	0.00	1.9	ENE
9/15/2023 14:47:00	7.3	8.3	1.1	0.00	0.00	0.00	1.9	SSE
9/15/2023 14:48:00	6.8	8.8	2.0	0.00	0.00	0.00	1.9	WSW
9/15/2023 14:49:00	6.8	9.2	2.3	0.00	0.00	0.00	1.9	SW
9/15/2023 14:50:00	6.6	9.6	3.0	0.00	0.01	0.01	2.0	W
9/15/2023 14:51:00	6.3	9.7	3.4	0.00	0.01	0.00	2.0	NNE
9/15/2023 14:52:00	6.1	9.7	3.6	0.00	0.01	0.00	2.1	SSE
9/15/2023 14:53:00	6.0	9.7	3.7	0.00	0.01	0.00	2.1	SSE
9/15/2023 14:54:00	6.0	9.2	3.2	0.00	0.01	0.00	2.1	SSW

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
9/15/2023 14:55:00	6.0	9.1	3.1	0.00	0.01	0.00	2.1	WSW
9/15/2023 14:56:00	5.6	9.4	3.7	0.00	0.01	0.00	2.0	SSE
9/15/2023 14:57:00	5.6	9.0	3.4	0.00	0.01	0.00	2.0	WSW
9/15/2023 14:58:00	5.7	8.7	3.0	0.00	0.01	0.00	2.0	NE
9/15/2023 14:59:00	6.0	8.5	2.5	0.00	0.01	0.00	2.1	ESE
9/15/2023 15:00:00	6.2	8.5	2.3	0.00	0.01	0.00	2.0	ESE
9/15/2023 15:01:00	5.4	8.8	3.4	0.00	0.01	0.00	2.0	SSW
9/15/2023 15:02:00	5.7	8.2	2.5	0.00	0.01	0.00	2.2	ESE
9/15/2023 15:03:00	5.7	7.8	2.1	0.00	0.01	0.00	2.2	S
9/15/2023 15:04:00	6.1	7.2	1.1	0.00	0.01	0.00	2.3	ESE
9/15/2023 15:05:00				0.00	0.00	0.00	2.2	SE
9/15/2023 15:06:00				0.00	0.00	0.00	2.1	SE
9/15/2023 15:07:00				0.00	0.00	0.00	2.1	SSW
9/15/2023 15:08:00				0.00	0.00	0.00	2.1	W
9/15/2023 15:09:00	7.1	4.3	-2.8	0.00	0.00	0.00	2.1	E
9/15/2023 15:10:00	7.6	4.3	-3.3	0.00	0.00	0.00	2.2	ESE
9/15/2023 15:11:00	7.8	4.5	-3.3	0.00	0.00	0.00	2.2	E
9/15/2023 15:12:00	8.2	4.6	-3.6	0.00	0.00	0.00	2.2	E
9/15/2023 15:13:00	8.5	4.6	-3.9	0.00	0.00	0.00	2.1	ESE
9/15/2023 15:14:00	8.0	5.4	-2.6	0.00	0.00	0.00	2.1	SW
9/15/2023 15:15:00	7.6	5.9	-1.7	0.00	0.00	0.00	2.1	WSW
9/15/2023 15:16:00	7.3	6.2	-1.1	0.00	0.00	0.00	2.2	SSW
9/15/2023 15:17:00	7.0	6.4	-0.6	0.00	0.00	0.00	2.1	SW
9/15/2023 15:18:00	7.2	6.2	-0.9	0.00	0.00	0.00	2.1	SE
9/15/2023 15:19:00	7.4	6.0	-1.4	0.00	0.00	0.00	2.1	E
9/15/2023 15:20:00	7.4	5.8	-1.6	0.00	0.00	0.00	2.1	ESE
9/15/2023 15:21:00	7.2	5.9	-1.3	0.00	0.00	0.00	2.1	SW
9/15/2023 15:22:00	7.1	6.1	-0.9	0.00	0.00	0.00	2.1	SSW
9/15/2023 15:23:00	7.0	6.5	-0.5	0.00	0.00	0.00	2.2	SSW
9/15/2023 15:24:00	7.1	6.5	-0.6	0.00	0.00	0.00	2.2	E
9/15/2023 15:25:00	7.3	6.5	-0.7	0.00	0.00	0.00	2.2	E
9/15/2023 15:26:00	8.4	6.6	-1.8	0.00	0.00	0.00	2.2	ESE
9/15/2023 15:27:00	8.5	7.7	-0.8	0.00	0.00	0.00	2.2	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/15/2023 15:28:00	8.9	11.8	2.8	0.00	0.00	0.00	2.2	ENE
9/15/2023 15:29:00	9.5	12.3	2.8	0.00	0.00	0.00	2.1	SE
9/15/2023 15:30:00	11.0	12.6	1.6	0.00	0.00	0.00	2.1	SW
9/15/2023 15:31:00	12.5	12.7	0.3	0.00	0.00	0.00	2.1	NNW
9/15/2023 15:32:00	13.3	13.3	0.0	0.00	0.00	0.00	2.2	ENE
9/15/2023 15:33:00	14.6	14.1	-0.5	0.00	0.00	0.00	2.1	E
9/15/2023 15:34:00	15.8	16.0	0.2	0.00	0.00	0.00	2.1	ESE
9/15/2023 15:35:00	16.9	17.2	0.3	0.00	0.00	0.00	2.1	NE
9/15/2023 15:36:00	17.9	18.7	0.8	0.00	0.00	0.00	2.1	N
9/15/2023 15:37:00	20.5	19.6	-0.9	0.00	0.00	0.00	2.1	SE
9/15/2023 15:38:00	21.4	21.8	0.4	0.01	0.00	0.00	2.0	E
9/15/2023 15:39:00	22.1	24.0	1.9	0.01	0.00	-0.01	2.0	ENE
9/15/2023 15:40:00	23.2	29.0	5.8	0.01	0.00	-0.01	1.9	NE
9/15/2023 15:41:00	25.5	29.9	4.4	0.01	0.00	-0.01	2.0	WNW
9/15/2023 15:42:00	25.6	30.8	5.3	0.01	0.00	-0.01	2.0	NNW
9/15/2023 15:43:00	25.4	27.3	2.0	0.01	0.00	-0.01	2.0	NE
9/15/2023 15:44:00	26.0	29.0	3.0	0.02	0.00	-0.01	2.0	NE
9/15/2023 15:45:00	25.6	32.1	6.5	0.02	0.00	-0.01	2.0	E
9/15/2023 15:46:00	25.1	33.0	8.0	0.02	0.00	-0.01	2.0	ESE
9/15/2023 15:47:00	25.2	35.1	9.9	0.02	0.00	-0.01	2.0	E
9/15/2023 15:48:00	27.2	35.6	8.4	0.02	0.00	-0.01	1.9	SW
9/15/2023 15:49:00	26.5	34.8	8.4	0.02	0.00	-0.01	1.9	NNE
9/15/2023 15:50:00	27.1	46.4	19.3	0.01	0.00	-0.01	1.9	ESE
9/15/2023 15:51:00	27.2	49.9	22.6	0.01	0.00	-0.01	2.0	E
9/15/2023 15:52:00	25.0	49.2	24.2	0.01	0.00	-0.01	2.0	E
9/15/2023 15:53:00	24.5	47.1	22.6	0.01	0.00	-0.01	2.0	E
9/15/2023 15:54:00	24.5	45.1	20.6	0.01	0.00	-0.01	2.0	SE
9/15/2023 15:55:00	23.4	40.8	17.5	0.01	0.00	-0.01	1.9	SSE
9/15/2023 15:56:00	19.9	40.0	20.2	0.01	0.00	-0.01	1.9	E
9/15/2023 15:57:00	19.6	38.6	19.0	0.01	0.00	-0.01	1.9	E
9/15/2023 15:58:00	19.2	38.4	19.2	0.00	0.00	0.00	1.9	ENE
9/15/2023 15:59:00	18.6	36.1	17.5	0.00	0.00	0.00	1.9	W
9/15/2023 16:00:00	17.8	33.1	15.3	0.00	0.00	0.00	1.9	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
9/15/2023 16:01:00	17.3	31.8	14.6	0.00	0.00	0.00	2.0	E
9/15/2023 16:02:00	16.7	29.2	12.6	0.00	0.00	0.00	2.1	ENE
9/15/2023 16:03:00	13.6	28.4	14.8	0.00	0.00	0.00	2.1	SE
9/15/2023 16:04:00	13.0	27.7	14.7	0.00	0.00	0.00	2.1	SW
9/15/2023 16:05:00	11.8	16.0	4.2	0.00	0.00	0.00	2.0	SSE
9/15/2023 16:06:00	11.2	11.5	0.3	0.00	0.00	0.00	1.9	N
9/15/2023 16:07:00	11.7	11.9	0.2	0.00	0.00	0.00	1.9	WSW
9/15/2023 16:08:00	12.1	12.2	0.1	0.00	0.00	0.00	1.9	W
9/15/2023 16:09:00	11.5	12.5	1.0	0.00	0.00	0.00	1.9	NW
9/15/2023 16:10:00	11.6	15.2	3.6	0.00	0.00	0.00	1.9	E
9/15/2023 16:11:00	12.3	18.9	6.6	0.00	0.00	0.00	1.9	ENE
9/15/2023 16:12:00	13.3	19.1	5.8	0.00	0.00	0.00	1.9	NE
9/15/2023 16:13:00	14.8	21.1	6.3	0.00	0.00	0.00	1.8	E
9/15/2023 16:14:00	15.1	22.8	7.7	0.00	0.00	0.00	1.8	NE
9/15/2023 16:15:00	15.1	24.0	8.9	0.00	0.00	0.00	1.8	N
9/15/2023 16:16:00	15.5	26.9	11.3	0.00	0.00	0.00	1.7	NE
9/15/2023 16:17:00	17.0	28.5	11.5	0.00	0.00	0.00	1.7	ENE
9/15/2023 16:18:00	18.8	29.4	10.6	0.00	0.00	0.00	1.7	E
9/15/2023 16:19:00	19.5	29.2	9.7	0.00	0.00	0.00	1.7	ENE
9/15/2023 16:20:00	19.2	29.1	9.9	0.00	0.00	0.00	1.7	WNW
9/15/2023 16:21:00	20.0	29.6	9.6	0.01	0.00	-0.01	1.7	N
9/15/2023 16:22:00	20.3	29.2	9.0	0.01	0.00	-0.01	1.7	NW
9/15/2023 16:23:00	19.7	29.6	9.9	0.01	0.00	-0.01	1.7	NE
9/15/2023 16:24:00	20.0	29.9	9.9	0.01	0.00	-0.01	1.7	SW
9/15/2023 16:25:00	20.5	28.4	7.9	0.02	0.00	-0.02	1.7	NNE
9/15/2023 16:26:00	20.9	26.8	5.9	0.02	0.00	-0.02	1.7	E
9/15/2023 16:27:00	21.2	28.0	6.8	0.02	0.00	-0.02	1.7	SSE
9/15/2023 16:28:00	20.8	26.9	6.1	0.02	0.00	-0.02	1.7	NE
9/15/2023 16:29:00	20.4	25.6	5.2	0.02	0.00	-0.02	1.8	ENE
9/15/2023 16:30:00	21.4	24.1	2.7	0.02	0.00	-0.02	1.8	E
9/15/2023 16:31:00	21.3	21.7	0.4	0.02	0.00	-0.02	1.8	ENE
9/15/2023 16:32:00	19.7	20.1	0.4	0.02	0.00	-0.02	1.8	ENE
9/15/2023 16:33:00	17.9	20.0	2.1	0.02	0.00	-0.02	1.8	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
9/15/2023 16:34:00	16.9	22.0	5.1	0.02	0.00	-0.02	1.8	ENE
9/15/2023 16:35:00	16.9	22.5	5.5	0.02	0.00	-0.02	1.8	ENE
9/15/2023 16:36:00	15.8	21.9	6.1	0.01	0.00	-0.01	1.8	NE
9/15/2023 16:37:00	15.4	22.0	6.6	0.01	0.00	-0.01	1.8	ENE
9/15/2023 16:38:00	17.4	21.6	4.2	0.01	0.00	-0.01	1.8	E
9/15/2023 16:39:00	17.9	21.4	3.4	0.01	0.00	-0.01	1.8	ENE
9/15/2023 16:40:00	18.2	20.6	2.4	0.00	0.00	0.00	1.8	E
9/15/2023 16:41:00	19.9	18.8	-1.1	0.00	0.00	0.00	1.8	NW
9/15/2023 16:42:00	19.0	18.9	-0.1	0.00	0.00	0.00	1.8	E
9/15/2023 16:43:00	18.7	19.3	0.5	0.00	0.00	0.00	1.8	WNW
9/15/2023 16:44:00	19.6	19.7	0.1	0.00	0.00	0.00	1.8	NW
9/15/2023 16:45:00	19.6	20.2	0.5	0.00	0.00	0.00	1.8	NE
9/15/2023 16:46:00	21.0	20.3	-0.7	0.00	0.00	0.00	1.8	SE
9/15/2023 16:47:00	21.8	20.6	-1.1	0.00	0.00	0.00	1.8	ENE
9/15/2023 16:48:00	23.5	21.6	-1.9	0.01	0.00	-0.01	1.8	E
9/15/2023 16:49:00	24.9	21.1	-3.8	0.01	0.00	0.00	1.9	WNW
9/15/2023 16:50:00	25.4	21.3	-4.1	0.01	0.00	0.00	1.8	NNW
9/15/2023 16:51:00	26.2	25.0	-1.3	0.01	0.00	0.00	1.8	WNW
9/15/2023 16:52:00	30.3	26.2	-4.1	0.01	0.00	0.00	1.9	E
9/15/2023 16:53:00	29.1	27.0	-2.1	0.01	0.00	0.00	1.9	WNW
9/15/2023 16:54:00	28.7	27.6	-1.1	0.01	0.01	0.00	1.8	NW
9/15/2023 16:55:00	29.0	28.4	-0.7	0.01	0.01	0.00	1.8	SE
9/15/2023 16:56:00	27.9	28.1	0.2	0.01	0.01	0.00	1.8	NE
9/15/2023 16:57:00	28.8	26.6	-2.2	0.01	0.01	0.00	1.7	NE
9/15/2023 16:58:00	29.8	26.5	-3.4	0.01	0.01	0.00	1.7	NNE
9/15/2023 16:59:00	30.0	27.3	-2.7	0.01	0.01	0.00	1.7	NW
9/15/2023 17:00:00	30.9	28.8	-2.1	0.01	0.01	0.00	1.7	E
9/15/2023 17:01:00	30.4	30.0	-0.4	0.01	0.01	0.00	1.7	ENE
9/15/2023 17:02:00	31.3	30.4	-0.9	0.01	0.01	0.00	1.8	ENE
9/15/2023 17:03:00	30.3	30.1	-0.3	0.00	0.01	0.00	1.8	ENE
9/15/2023 17:04:00	29.3	29.2	-0.2	0.00	0.01	0.00	1.7	N
9/15/2023 17:05:00	29.2	28.5	-0.7	0.00	0.01	0.00	1.8	E
9/15/2023 17:06:00	30.3	26.3	-4.0	0.00	0.01	0.00	1.8	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/15/2023 17:07:00	26.2	25.8	-0.4	0.00	0.01	0.00	1.8	ENE
9/15/2023 17:08:00	25.7	25.0	-0.7	0.00	0.01	0.00	1.8	W
9/15/2023 17:09:00	25.5	24.0	-1.6	0.00	0.00	0.00	1.8	W
9/15/2023 17:10:00	24.8	22.8	-2.0	0.00	0.00	0.00	1.8	NE
9/15/2023 17:11:00	24.3	23.5	-0.8	0.00	0.00	0.00	1.8	SE
9/15/2023 17:12:00	23.0	24.9	1.8	0.00	0.00	0.00	1.8	NW
9/15/2023 17:13:00	22.8	25.2	2.3	0.00	0.00	0.00	1.9	E
9/15/2023 17:14:00	22.3	23.7	1.4	0.00	0.00	0.00	1.8	WNW
9/15/2023 17:15:00	20.4	22.4	2.1	0.00	0.00	0.00	1.8	ENE
9/15/2023 17:16:00	19.3	21.2	1.9	0.00	0.00	0.00	1.8	SE
9/15/2023 17:17:00	17.6	20.3	2.7	0.00	0.00	0.00	1.8	SW
9/15/2023 17:18:00	17.0	19.3	2.3	0.00	0.00	0.00	1.8	WSW
9/15/2023 17:19:00	16.7	19.5	2.8	0.00	0.00	0.00	1.7	SSW
9/15/2023 17:20:00	16.1	19.3	3.2	0.00	0.00	0.00	1.7	WSW
9/15/2023 17:21:00	13.9	17.5	3.6	0.00	0.00	0.00	1.6	WSW
9/15/2023 17:22:00	13.3	16.1	2.8	0.00	0.00	0.00	1.6	E
9/15/2023 17:23:00	12.7	15.7	3.0	0.00	0.00	0.00	1.6	SSE
9/15/2023 17:24:00	12.1	15.9	3.7	0.00	0.00	0.00	1.7	WNW
9/15/2023 17:25:00	11.3	15.1	3.8	0.00	0.00	0.00	1.7	SE
9/15/2023 17:26:00	10.0	14.0	4.0	0.00	0.00	0.00	1.7	E
9/15/2023 17:27:00	9.8	12.0	2.2	0.00	0.00	0.00	1.6	E
9/15/2023 17:28:00	8.2	10.2	2.0	0.00	0.00	0.00	1.6	E
9/15/2023 17:29:00	7.4	9.8	2.4	0.00	0.00	0.00	1.6	ENE
9/15/2023 17:30:00	7.0	8.5	1.4	0.00	0.00	0.00	1.7	ESE
9/15/2023 17:31:00	6.4	7.8	1.4	0.00	0.00	0.00	1.8	ENE
9/15/2023 17:32:00	6.1	7.4	1.3	0.00	0.00	0.00	1.8	E
9/15/2023 17:33:00	5.7	6.9	1.2	0.00	0.00	0.00	1.7	SE
9/15/2023 17:34:00	5.2	5.8	0.5	0.00	0.00	0.00	1.8	SSE
9/15/2023 17:35:00	5.2	5.0	-0.2	0.00	0.00	0.00	1.8	ESE
9/15/2023 17:36:00	5.2	4.8	-0.4	0.00	0.00	0.00	1.8	S
9/15/2023 17:37:00	5.0	4.7	-0.4	0.00	0.00	0.00	1.8	SE
9/15/2023 17:38:00	4.9	4.3	-0.6	0.00	0.00	0.00	1.8	SW
9/15/2023 17:39:00	4.8	4.1	-0.8	0.00	0.00	0.00	1.8	W

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
9/15/2023 17:40:00	4.8	4.2	-0.6	0.00	0.00	0.00	1.7	SW
9/15/2023 17:41:00	4.7	4.4	-0.3	0.00	0.00	0.00	1.7	SW
9/15/2023 17:42:00	4.9	4.4	-0.5	0.00	0.00	0.00	1.7	ESE