

**DAILY FIELD REPORT 109**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	November 2, 2023
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	6:30 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> Padmanabhan Krishnaswamy (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 10-foot-long by 20-foot-wide area from about 5 feet below grade surface (bgs) to about 10 feet bgs in the southeastern part of grid WC03\_5-10 to prepare for lagging installation. Excavated soil/fill was temporarily stockpiled in the northern part of grid WC02 prior to being loaded into trucks for off-site disposal.
- Urban excavated an about 5-foot-long by 5-foot-wide area and an about 8-foot-wide by 8-foot-long area to about 5 feet bgs in the central part of grid WC05 in preparation for installation of a caisson. Excavated soil/fill was graded adjacent to the excavation area.
- 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 continued installing a casing for one 36-inch outer diameter (OD) caisson using a Bauer BG28H Drill Rig in the western part of the site.
- Urban began installation of two 16-inch OD caisson using an Urban Custom Build Drill Rig in the southern part of the site.

**Material Tracking:**

- The following soil/fill was exported from the site:
  - 3 loads of soil/fill from waste characterization grid WC03\_5-10 were exported for off-site disposal at the Clean Earth of Carteret LLC facility in Carteret, NJ.
- No material was imported to the site.

Materials Export Summary								
<b>Facility Name</b>	<i>Bayshore Soil Management, LLC</i>		<i>Clean Earth of Carteret, LLC</i>		<i>PPark NJ</i>		<i>Faztec Solutions</i>	
<b>Location</b>	<i>Keasbey, NJ</i>		<i>Carteret, NJ</i>		<i>Prospect Park, NJ</i>		<i>Staten Island, NY</i>	
<b>Type of Waste</b>	<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>C&amp;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	--	3	60	0	-	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	127	2,540	69	1,380	0	-	14	280

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

**Samples Collected:**

- No samples were collected.

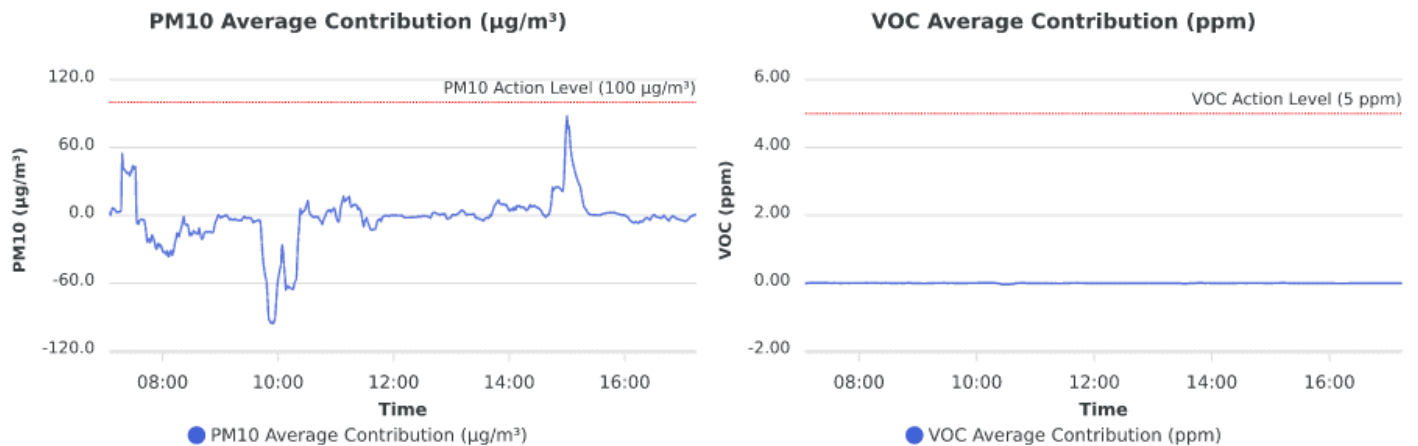
**Air Monitoring:**

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 levels of 100  $\mu\text{g}/\text{m}^3$  or 5 ppm, respectively, on this day.

Particulate Monitoring ( $\mu\text{g}/\text{m}^3$ )		Organic Vapor Monitoring (ppm)	
Daily Background	2.3	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-95.5	VOC Average Site Contribution (Minimum)	-0.04
PM10 Average Site Contribution (Maximum)	88.3	VOC Average Site Contribution (Maximum)	0.01

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

ppm: parts per million.



**Planned Activities:**

- Urban will continue installing caisson casings throughout the site.
- Urban will export soil/fill off-site.

**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**
- Reinstalled Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- 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 soil/fill for off-site disposal (facing southeast).



**Photo 2:** View of Urban excavating soil in grid WC03 in the eastern part of the site (facing southeast).



**Photo 3:** View of the site entrance/exit along Washington Street at the end of the work day (facing northeast).



**Photo 4:** View of Urban sweeping the site entrance/exit at the corner of Carlisle and Washington Street at the end of the work day (facing east).



<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	11/2/2023 06:00
		<b>To:</b>	11/2/2023 18:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

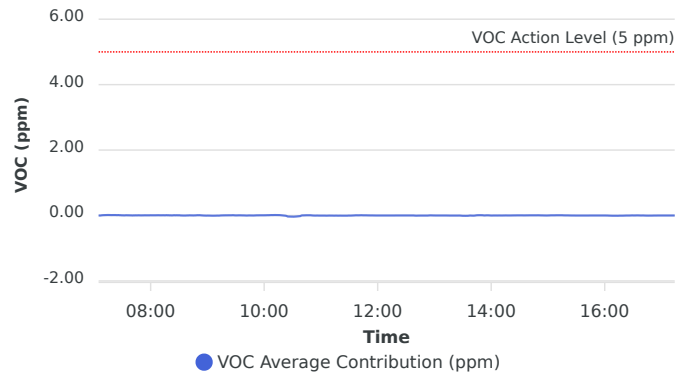
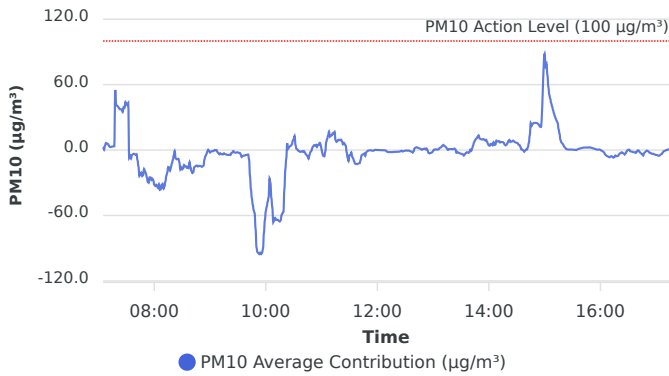
<b>Daily Environmental Summary</b>	<b>Windspeed (mph)</b>	<b>Prevailing wind direction</b>
11/2/2023	0.2-3.4	N

<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.) - 11/2/2023</b>	-95.5	09:55	-0.04	10:31
<b>Max Contribution (15 min avg.) - 11/2/2023</b>	88.3	15:00	0.01	07:15

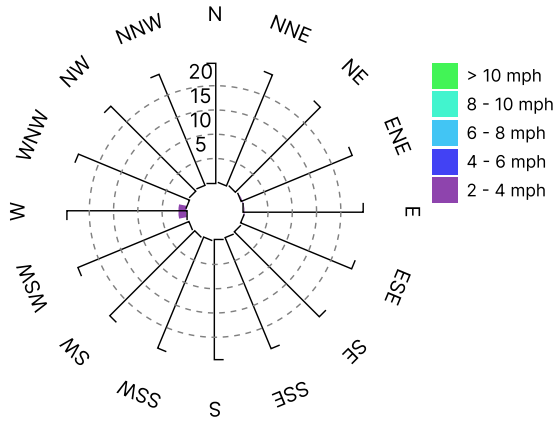


**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**

**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
11/2/2023 07:05:00	2.3	5.1	2.9	0.00	0.00	0.00	0.7	N
11/2/2023 07:06:00	3.6	3.9	0.3	0.00	0.00	0.00	0.8	WNW
11/2/2023 07:07:00	3.2	7.3	4.1	0.00	0.00	0.00	0.8	ENE
11/2/2023 07:08:00	3.4	9.9	6.5	0.00	0.01	0.01	0.8	E
11/2/2023 07:09:00	3.7	9.8	6.1	0.00	0.01	0.01	0.9	E
11/2/2023 07:10:00	3.5	9.1	5.7	0.00	0.01	0.01	0.9	E
11/2/2023 07:11:00	4.2	8.6	4.4	0.00	0.01	0.01	0.8	ESE
11/2/2023 07:12:00	5.3	8.2	2.9	0.00	0.01	0.01	0.9	E
11/2/2023 07:13:00	5.4	8.2	2.8	0.00	0.01	0.01	0.8	E
11/2/2023 07:14:00	5.2	8.3	3.1	0.00	0.01	0.01	0.8	NE
11/2/2023 07:15:00	5.0	8.2	3.2	0.00	0.01	0.01	0.8	N
11/2/2023 07:16:00	4.8	8.1	3.4	0.00	0.01	0.01	0.8	SE
11/2/2023 07:17:00	4.6	8.1	3.5	0.00	0.01	0.01	0.8	ENE
11/2/2023 07:18:00	4.8	59.9	55.1	0.00	0.01	0.01	0.8	W
11/2/2023 07:19:00	14.8	56.3	41.5	0.00	0.01	0.01	0.8	E
11/2/2023 07:20:00	15.8	56.4	40.6	0.00	0.01	0.01	0.9	E
11/2/2023 07:21:00	16.6	56.6	39.9	0.00	0.01	0.01	0.9	ESE
11/2/2023 07:22:00	17.3	55.9	38.6	0.00	0.01	0.01	0.9	NE
11/2/2023 07:23:00	18.0	55.3	37.4	0.00	0.01	0.01	0.9	NE
11/2/2023 07:24:00	18.4	55.8	37.4	0.00	0.01	0.01	0.9	WNW
11/2/2023 07:25:00	19.2	56.3	37.1	0.00	0.01	0.01	0.9	NE
11/2/2023 07:26:00	21.7	56.6	34.9	0.00	0.01	0.01	0.9	ESE
11/2/2023 07:27:00	21.1	60.4	39.3	0.01	0.01	0.01	0.9	WNW
11/2/2023 07:28:00	21.7	60.4	38.7	0.01	0.01	0.01	0.9	NE
11/2/2023 07:29:00	22.1	66.1	44.1	0.01	0.01	0.01	0.9	W
11/2/2023 07:30:00	24.0	66.0	42.0	0.01	0.01	0.01	1.0	ENE
11/2/2023 07:31:00	25.0	66.0	41.0	0.01	0.01	0.01	1.0	ENE
11/2/2023 07:32:00	25.6	68.9	43.3	0.01	0.01	0.00	1.0	WSW
11/2/2023 07:33:00	28.2	20.8	-7.4	0.01	0.01	0.01	1.0	ESE
11/2/2023 07:34:00	26.1	21.1	-5.0	0.01	0.01	0.01	1.0	N
11/2/2023 07:35:00	29.1	21.2	-7.9	0.01	0.01	0.01	0.9	E
11/2/2023 07:36:00	28.4	23.9	-4.5	0.01	0.01	0.01	0.9	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 07:37:00	28.0	24.2	-3.9	0.01	0.01	0.01	0.9	NE
11/2/2023 07:38:00	27.5	24.1	-3.4	0.01	0.01	0.00	0.9	W
11/2/2023 07:39:00	27.1	23.3	-3.8	0.01	0.01	0.00	0.9	W
11/2/2023 07:40:00	26.8	22.5	-4.3	0.01	0.01	0.00	0.9	E
11/2/2023 07:41:00	26.0	22.1	-3.9	0.01	0.01	0.00	0.9	NE
11/2/2023 07:42:00	27.7	18.3	-9.4	0.01	0.01	0.00	0.8	ENE
11/2/2023 07:43:00	33.3	18.2	-15.1	0.01	0.01	0.00	0.9	NNE
11/2/2023 07:44:00	36.2	12.5	-23.8	0.01	0.01	0.01	0.9	NNE
11/2/2023 07:45:00	35.0	13.7	-21.3	0.01	0.01	0.00	0.9	W
11/2/2023 07:46:00	34.1	13.6	-20.5	0.01	0.01	0.00	0.9	E
11/2/2023 07:47:00	34.5	10.5	-24.0	0.00	0.01	0.01	0.9	ENE
11/2/2023 07:48:00	33.0	10.1	-22.9	0.00	0.01	0.01	0.8	ENE
11/2/2023 07:49:00	27.1	9.8	-17.3	0.00	0.01	0.00	0.8	NE
11/2/2023 07:50:00	29.2	9.8	-19.4	0.00	0.01	0.00	0.8	NNE
11/2/2023 07:51:00	29.1	7.7	-21.4	0.00	0.01	0.00	0.8	WNW
11/2/2023 07:52:00	32.4	7.4	-25.0	0.00	0.01	0.00	0.8	E
11/2/2023 07:53:00	36.1	6.9	-29.1	0.00	0.01	0.01	0.8	NNE
11/2/2023 07:54:00	36.8	6.8	-30.0	0.00	0.01	0.01	0.8	E
11/2/2023 07:55:00	36.3	11.2	-25.0	0.00	0.01	0.01	0.8	WNW
11/2/2023 07:56:00	36.3	11.2	-25.1	0.00	0.01	0.01	0.8	ENE
11/2/2023 07:57:00	38.7	11.2	-27.5	0.00	0.01	0.01	0.9	NE
11/2/2023 07:58:00	37.2	11.1	-26.2	0.00	0.01	0.01	0.9	ESE
11/2/2023 07:59:00	38.6	10.7	-27.9	0.00	0.01	0.01	1.0	ENE
11/2/2023 08:00:00	41.2	9.4	-31.8	0.00	0.01	0.01	0.9	NE
11/2/2023 08:01:00	42.3	9.5	-32.8	0.00	0.01	0.01	0.9	NNW
11/2/2023 08:02:00	41.8	10.0	-31.8	0.00	0.01	0.01	0.9	E
11/2/2023 08:03:00	43.5	10.4	-33.1	0.00	0.01	0.01	1.0	ENE
11/2/2023 08:04:00	45.3	10.6	-34.8	0.00	0.01	0.01	1.0	ENE
11/2/2023 08:05:00	41.8	10.4	-31.4	0.00	0.01	0.01	1.0	ENE
11/2/2023 08:06:00	46.3	9.9	-36.5	0.00	0.01	0.01	1.0	NE
11/2/2023 08:07:00	46.0	10.0	-36.0	0.00	0.01	0.01	1.0	N
11/2/2023 08:08:00	42.3	10.5	-31.8	0.00	0.01	0.01	1.0	NNE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 08:09:00	41.7	10.7	-31.0	0.00	0.01	0.01	0.9	WNW
11/2/2023 08:10:00	41.7	6.3	-35.4	0.00	0.01	0.01	0.9	WNW
11/2/2023 08:11:00	39.7	6.4	-33.3	0.00	0.01	0.01	0.9	NNW
11/2/2023 08:12:00	35.5	6.7	-28.8	0.00	0.01	0.01	0.8	ENE
11/2/2023 08:13:00	30.7	7.2	-23.5	0.00	0.01	0.01	0.8	NNW
11/2/2023 08:14:00	27.9	7.3	-20.5	0.00	0.01	0.01	0.7	ENE
11/2/2023 08:15:00	24.9	9.3	-15.6	0.00	0.01	0.01	0.7	W
11/2/2023 08:16:00	25.3	9.4	-15.9	0.00	0.01	0.01	0.8	E
11/2/2023 08:17:00	28.1	9.1	-18.9	0.00	0.01	0.01	0.7	NE
11/2/2023 08:18:00	25.4	9.9	-15.4	0.01	0.01	0.01	0.8	NW
11/2/2023 08:19:00	22.1	9.9	-12.2	0.01	0.01	0.01	0.7	E
11/2/2023 08:20:00	20.0	10.9	-9.1	0.01	0.01	0.00	0.7	WNW
11/2/2023 08:21:00	15.8	10.9	-4.8	0.01	0.01	0.01	0.7	NNE
11/2/2023 08:22:00	12.8	11.8	-1.0	0.01	0.01	0.00	0.7	WNW
11/2/2023 08:23:00	19.1	11.6	-7.5	0.01	0.01	0.00	0.7	NNW
11/2/2023 08:24:00	20.0	11.6	-8.4	0.01	0.01	0.01	0.8	NW
11/2/2023 08:25:00	20.4	12.2	-8.2	0.01	0.01	0.01	0.8	N
11/2/2023 08:26:00	20.8	12.8	-8.0	0.01	0.01	0.01	0.8	WNW
11/2/2023 08:27:00	23.9	12.8	-11.1	0.01	0.01	0.01	0.9	ENE
11/2/2023 08:28:00	30.4	12.5	-17.9	0.01	0.02	0.01	0.8	NNW
11/2/2023 08:29:00	28.8	13.2	-15.6	0.01	0.01	0.01	0.8	NW
11/2/2023 08:30:00	29.2	11.5	-17.7	0.01	0.02	0.01	0.9	N
11/2/2023 08:31:00	28.1	11.3	-16.9	0.01	0.01	0.00	0.8	WNW
11/2/2023 08:32:00	25.2	11.6	-13.6	0.01	0.01	0.00	0.9	W
11/2/2023 08:33:00	25.3	10.4	-14.9	0.01	0.01	0.00	0.9	W
11/2/2023 08:34:00	25.1	10.2	-14.9	0.01	0.01	0.00	0.9	W
11/2/2023 08:35:00	25.3	9.1	-16.2	0.01	0.01	0.00	0.9	WNW
11/2/2023 08:36:00	24.7	9.5	-15.2	0.01	0.01	0.00	0.9	NNE
11/2/2023 08:37:00	25.0	8.5	-16.5	0.01	0.01	0.00	0.9	WNW
11/2/2023 08:38:00	19.8	8.7	-11.1	0.01	0.01	0.00	0.8	ENE
11/2/2023 08:39:00	24.8	9.1	-15.7	0.01	0.01	0.00	0.9	ENE
11/2/2023 08:40:00	28.3	9.0	-19.3	0.01	0.01	0.00	0.9	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 08:41:00	29.9	8.8	-21.1	0.01	0.01	0.01	0.8	ENE
11/2/2023 08:42:00	29.0	8.7	-20.3	0.01	0.01	0.00	0.8	ENE
11/2/2023 08:43:00	24.3	8.6	-15.7	0.01	0.01	0.00	0.8	ENE
11/2/2023 08:44:00	24.1	9.1	-15.1	0.01	0.01	0.00	0.8	WNW
11/2/2023 08:45:00	23.4	8.9	-14.4	0.01	0.01	0.00	0.8	W
11/2/2023 08:46:00	23.0	8.8	-14.2	0.01	0.01	0.00	0.8	WNW
11/2/2023 08:47:00	23.2	8.2	-15.1	0.01	0.01	0.00	0.8	W
11/2/2023 08:48:00	22.7	8.2	-14.6	0.01	0.01	0.01	0.8	NNW
11/2/2023 08:49:00	22.7	8.2	-14.5	0.01	0.01	0.01	0.8	ENE
11/2/2023 08:50:00	23.0	8.2	-14.7	0.00	0.01	0.01	0.7	NE
11/2/2023 08:51:00	23.0	7.7	-15.3	0.01	0.01	0.01	0.8	W
11/2/2023 08:52:00	22.7	7.7	-15.0	0.00	0.01	0.01	0.8	WNW
11/2/2023 08:53:00	21.6	7.3	-14.3	0.00	0.01	0.01	0.8	S
11/2/2023 08:54:00	15.5	6.9	-8.6	0.00	0.01	0.00	0.8	ENE
11/2/2023 08:55:00	12.1	6.5	-5.7	0.01	0.01	0.00	0.8	NNE
11/2/2023 08:56:00	10.2	6.2	-4.0	0.01	0.00	0.00	0.8	W
11/2/2023 08:57:00	7.9	6.5	-1.5	0.01	0.00	0.00	0.8	W
11/2/2023 08:58:00	6.1	6.5	0.4	0.01	0.00	0.00	0.8	WNW
11/2/2023 08:59:00	6.0	5.2	-0.9	0.01	0.00	0.00	0.8	NW
11/2/2023 09:00:00	7.5	5.2	-2.3	0.01	0.00	0.00	0.8	E
11/2/2023 09:01:00	7.5	6.0	-1.5	0.01	0.00	0.00	0.8	W
11/2/2023 09:02:00	7.1	6.1	-0.9	0.01	0.00	0.00	0.7	W
11/2/2023 09:03:00	7.1	6.0	-1.0	0.01	0.00	0.00	0.8	W
11/2/2023 09:04:00	6.8	6.1	-0.7	0.01	0.00	-0.01	0.8	WNW
11/2/2023 09:05:00	6.1	6.2	0.1	0.01	0.00	-0.01	0.8	WSW
11/2/2023 09:06:00	6.5	6.3	-0.3	0.01	0.00	-0.01	0.8	W
11/2/2023 09:07:00	6.7	6.6	-0.1	0.01	0.00	-0.01	0.8	W
11/2/2023 09:08:00	8.4	6.6	-1.8	0.01	0.00	-0.01	0.7	NE
11/2/2023 09:09:00	9.4	6.6	-2.8	0.01	0.00	-0.01	0.8	E
11/2/2023 09:10:00	10.9	7.0	-3.9	0.01	0.00	0.00	0.8	NE
11/2/2023 09:11:00	11.1	8.1	-3.1	0.01	0.00	0.00	0.8	WNW
11/2/2023 09:12:00	11.3	7.5	-3.8	0.01	0.00	0.00	0.8	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
11/2/2023 09:13:00	11.6	7.9	-3.7	0.01	0.01	0.00	0.8	E
11/2/2023 09:14:00	12.1	8.1	-4.0	0.01	0.01	0.00	0.8	NE
11/2/2023 09:15:00	10.9	7.9	-3.0	0.01	0.01	0.00	0.8	NNE
11/2/2023 09:16:00	10.7	7.1	-3.6	0.00	0.01	0.00	0.8	WNW
11/2/2023 09:17:00	10.7	6.8	-3.9	0.00	0.01	0.00	0.8	ENE
11/2/2023 09:18:00	10.9	6.6	-4.3	0.00	0.01	0.00	0.8	E
11/2/2023 09:19:00	10.9	6.4	-4.5	0.00	0.01	0.01	0.8	NNW
11/2/2023 09:20:00	10.7	6.2	-4.5	0.00	0.01	0.01	0.8	NW
11/2/2023 09:21:00	10.2	6.0	-4.3	0.00	0.01	0.01	0.7	NE
11/2/2023 09:22:00	10.1	5.6	-4.5	0.00	0.01	0.01	0.8	NE
11/2/2023 09:23:00	8.4	5.6	-2.8	0.00	0.01	0.01	0.8	N
11/2/2023 09:24:00	7.7	5.5	-2.2	0.00	0.01	0.01	0.8	E
11/2/2023 09:25:00	6.0	5.0	-0.9	0.00	0.01	0.01	0.8	NW
11/2/2023 09:26:00	6.0	3.9	-2.1	0.00	0.01	0.01	0.8	NE
11/2/2023 09:27:00	6.1	3.8	-2.3	0.00	0.01	0.01	0.8	N
11/2/2023 09:28:00	5.8	3.4	-2.4	0.00	0.01	0.01	0.8	WNW
11/2/2023 09:29:00	5.3	3.3	-2.1	0.00	0.01	0.00	0.8	WSW
11/2/2023 09:30:00	5.4	3.3	-2.1	0.00	0.01	0.00	0.8	E
11/2/2023 09:31:00	5.8	3.2	-2.6	0.00	0.01	0.00	0.8	ENE
11/2/2023 09:32:00	5.9	3.3	-2.6	0.00	0.01	0.00	0.8	NNE
11/2/2023 09:33:00	7.3	3.4	-3.9	0.00	0.01	0.01	0.8	ENE
11/2/2023 09:34:00	9.9	3.5	-6.4	0.00	0.01	0.01	0.8	E
11/2/2023 09:35:00	10.3	4.7	-5.5	0.00	0.01	0.01	0.8	W
11/2/2023 09:36:00	10.5	5.4	-5.1	0.00	0.01	0.00	0.8	WNW
11/2/2023 09:37:00	10.7	5.5	-5.2	0.00	0.01	0.00	0.8	WNW
11/2/2023 09:38:00	10.5	5.8	-4.7	0.00	0.01	0.00	0.7	N
11/2/2023 09:39:00	10.2	5.8	-4.4	0.00	0.01	0.00	0.6	WNW
11/2/2023 09:40:00	10.2	5.9	-4.3	0.01	0.01	0.00	0.6	NW
11/2/2023 09:41:00	10.0	5.9	-4.1	0.01	0.01	0.00	0.6	NW
11/2/2023 09:42:00	14.4	6.0	-8.4	0.01	0.01	0.00	0.7	E
11/2/2023 09:43:00	30.1	6.1	-23.9	0.01	0.01	0.00	0.7	ENE
11/2/2023 09:44:00	42.2	6.3	-36.0	0.00	0.01	0.00	0.7	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
11/2/2023 09:45:00	50.7	6.4	-44.3	0.00	0.01	0.00	0.7	NE
11/2/2023 09:46:00	56.7	6.5	-50.2	0.00	0.01	0.00	0.7	ENE
11/2/2023 09:47:00	62.1	6.8	-55.3	0.00	0.01	0.00	0.7	E
11/2/2023 09:48:00	64.9	7.2	-57.7	0.00	0.00	0.00	0.7	NNE
11/2/2023 09:49:00	79.7	7.4	-72.4	0.00	0.00	0.00	0.8	NE
11/2/2023 09:50:00	96.4	6.8	-89.6	0.00	0.01	0.00	0.8	ENE
11/2/2023 09:51:00	100.0	6.5	-93.6	0.00	0.01	0.00	0.8	E
11/2/2023 09:52:00	101.0	6.5	-94.5	0.00	0.01	0.01	0.8	ENE
11/2/2023 09:53:00	101.7	6.2	-95.4	0.00	0.01	0.01	0.9	E
11/2/2023 09:54:00	101.6	7.6	-94.0	0.00	0.01	0.01	0.9	NW
11/2/2023 09:55:00	103.2	7.7	-95.5	0.00	0.01	0.01	0.9	E
11/2/2023 09:56:00	103.2	8.9	-94.2	0.00	0.01	0.01	0.8	SE
11/2/2023 09:57:00	99.2	8.9	-90.3	0.00	0.01	0.01	0.9	ENE
11/2/2023 09:58:00	84.4	8.6	-75.7	0.00	0.01	0.01	0.8	N
11/2/2023 09:59:00	72.7	8.4	-64.3	0.00	0.01	0.01	0.8	NNE
11/2/2023 10:00:00	64.4	8.4	-56.0	0.00	0.01	0.01	0.8	NNE
11/2/2023 10:01:00	60.3	8.4	-51.9	0.00	0.01	0.01	0.8	E
11/2/2023 10:02:00	56.1	8.7	-47.3	0.00	0.01	0.01	0.8	ENE
11/2/2023 10:03:00	52.1	8.7	-43.5	0.00	0.01	0.01	0.8	NNW
11/2/2023 10:04:00	34.8	8.7	-26.1	0.00	0.01	0.01	0.8	E
11/2/2023 10:05:00	38.8	8.7	-30.1	0.00	0.01	0.01	0.9	ENE
11/2/2023 10:06:00	53.4	9.3	-44.1	0.00	0.01	0.01	0.9	NE
11/2/2023 10:07:00	62.9	10.3	-52.5	0.00	0.01	0.01	0.9	ENE
11/2/2023 10:08:00	77.5	11.2	-66.2	0.00	0.01	0.01	1.0	ENE
11/2/2023 10:09:00	77.8	15.1	-62.7	0.00	0.01	0.01	1.0	WNW
11/2/2023 10:10:00	77.3	15.1	-62.2	0.00	0.01	0.01	1.0	ENE
11/2/2023 10:11:00	78.2	14.1	-64.1	0.00	0.02	0.01	1.0	ENE
11/2/2023 10:12:00	78.0	14.1	-63.9	0.00	0.02	0.01	1.0	NNW
11/2/2023 10:13:00	78.1	14.2	-63.9	0.00	0.01	0.01	1.0	NNE
11/2/2023 10:14:00	79.1	14.2	-64.9	0.00	0.01	0.01	1.0	N
11/2/2023 10:15:00	79.6	14.1	-65.5	0.00	0.01	0.01	1.1	ENE
11/2/2023 10:16:00	78.5	14.0	-64.5	0.00	0.01	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
11/2/2023 10:17:00	77.2	17.7	-59.5	0.00	0.01	0.01	1.0	W
11/2/2023 10:18:00	76.8	18.9	-57.9	0.01	0.01	0.01	1.0	WNW
11/2/2023 10:19:00	76.5	20.0	-56.6	0.01	0.01	0.00	1.0	WNW
11/2/2023 10:20:00	55.8	20.0	-35.8	0.01	0.01	0.00	0.9	W
11/2/2023 10:21:00	37.5	19.7	-17.8	0.01	0.01	0.00	0.9	WNW
11/2/2023 10:22:00	27.1	19.1	-8.0	0.01	0.01	-0.01	0.8	WSW
11/2/2023 10:23:00	12.2	18.3	6.1	0.01	0.00	-0.01	0.8	W
11/2/2023 10:24:00	12.2	13.3	1.1	0.02	0.00	-0.02	0.8	WNW
11/2/2023 10:25:00	10.9	13.5	2.6	0.03	0.00	-0.03	0.8	WNW
11/2/2023 10:26:00	10.0	13.4	3.4	0.03	0.00	-0.03	0.8	SW
11/2/2023 10:27:00	9.4	13.5	4.0	0.03	0.00	-0.03	0.8	W
11/2/2023 10:28:00	8.5	13.6	5.1	0.04	0.00	-0.03	0.9	W
11/2/2023 10:29:00	7.0	15.4	8.5	0.04	0.00	-0.04	0.9	W
11/2/2023 10:30:00	5.9	16.0	10.1	0.04	0.00	-0.04	0.9	WNW
11/2/2023 10:31:00	4.6	17.6	13.0	0.04	0.00	-0.04	1.0	W
11/2/2023 10:32:00	8.8	13.2	4.4	0.04	0.00	-0.04	0.9	SE
11/2/2023 10:33:00	10.6	11.7	1.1	0.03	0.00	-0.03	1.0	E
11/2/2023 10:34:00	10.6	11.2	0.6	0.03	0.00	-0.03	1.0	SSE
11/2/2023 10:35:00	11.2	10.5	-0.7	0.03	0.00	-0.03	1.0	E
11/2/2023 10:36:00	11.2	10.0	-1.2	0.03	0.01	-0.03	1.0	ESE
11/2/2023 10:37:00	11.1	9.3	-1.7	0.03	0.01	-0.02	1.0	NNE
11/2/2023 10:38:00	10.7	9.3	-1.4	0.03	0.01	-0.02	1.0	N
11/2/2023 10:39:00	10.3	9.2	-1.1	0.01	0.01	-0.01	1.0	ESE
11/2/2023 10:40:00	10.6	9.0	-1.6	0.00	0.01	0.00	1.0	S
11/2/2023 10:41:00	10.9	9.8	-1.1	0.00	0.01	0.00	1.0	SE
11/2/2023 10:42:00	11.8	9.7	-2.1	0.00	0.01	0.00	1.0	N
11/2/2023 10:43:00	13.3	9.5	-3.8	0.00	0.01	0.01	0.9	ENE
11/2/2023 10:44:00	13.4	8.7	-4.7	0.00	0.01	0.01	0.9	NW
11/2/2023 10:45:00	14.0	8.2	-5.8	0.00	0.01	0.01	0.9	E
11/2/2023 10:46:00	14.5	6.5	-8.0	0.00	0.01	0.01	0.8	E
11/2/2023 10:47:00	11.0	6.6	-4.4	0.00	0.01	0.01	0.9	NNW
11/2/2023 10:48:00	9.2	7.4	-1.8	0.00	0.01	0.01	0.8	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 10:49:00	9.3	8.4	-0.8	0.00	0.01	0.01	0.8	W
11/2/2023 10:50:00	8.7	10.6	2.0	0.00	0.01	0.00	0.8	W
11/2/2023 10:51:00	8.6	11.9	3.4	0.00	0.00	0.00	0.8	W
11/2/2023 10:52:00	8.9	13.4	4.5	0.00	0.00	0.00	0.8	W
11/2/2023 10:53:00	9.3	13.5	4.2	0.00	0.00	0.00	0.8	W
11/2/2023 10:54:00	9.5	14.4	4.8	0.00	0.00	0.00	0.8	W
11/2/2023 10:55:00	11.6	14.3	2.7	0.00	0.00	0.00	0.8	NW
11/2/2023 10:56:00	11.6	16.3	4.7	0.00	0.00	0.00	0.8	WNW
11/2/2023 10:57:00	11.6	16.4	4.8	0.00	0.00	0.00	0.8	ENE
11/2/2023 10:58:00	10.1	16.7	6.6	0.00	0.00	0.00	0.8	W
11/2/2023 10:59:00				0.00	0.00	0.00	0.9	NE
11/2/2023 11:00:00				0.00	0.00	0.00	0.9	ENE
11/2/2023 11:01:00				0.00	0.00	0.00	0.8	ENE
11/2/2023 11:02:00	9.0	3.7	-5.4	0.00	0.00	0.00	0.8	NNE
11/2/2023 11:03:00	9.7	4.0	-5.7	0.00	0.00	0.00	0.8	N
11/2/2023 11:04:00	8.1	6.8	-1.3	0.00	0.00	0.00	0.9	W
11/2/2023 11:05:00	7.9	15.3	7.4	0.01	0.00	0.00	0.9	WSW
11/2/2023 11:06:00	7.1	17.3	10.2	0.01	0.00	-0.01	0.9	W
11/2/2023 11:07:00	6.5	19.9	13.3	0.01	0.00	0.00	0.9	W
11/2/2023 11:08:00	6.5	23.5	16.9	0.00	0.00	0.00	1.0	W
11/2/2023 11:09:00	8.9	21.2	12.3	0.00	0.00	0.00	1.0	N
11/2/2023 11:10:00	8.5	21.6	13.2	0.00	0.00	0.00	1.0	WNW
11/2/2023 11:11:00	9.1	22.5	13.4	0.00	0.00	0.00	1.1	W
11/2/2023 11:12:00	9.6	24.9	15.3	0.00	0.00	0.00	1.1	W
11/2/2023 11:13:00	9.7	24.9	15.1	0.01	0.00	0.00	1.1	WNW
11/2/2023 11:14:00	9.8	26.6	16.7	0.01	0.00	-0.01	1.1	WNW
11/2/2023 11:15:00	16.1	25.3	9.2	0.01	0.00	0.00	1.2	E
11/2/2023 11:16:00	17.3	24.9	7.5	0.01	0.00	0.00	1.2	ENE
11/2/2023 11:17:00	17.6	25.7	8.1	0.01	0.00	0.00	1.2	WNW
11/2/2023 11:18:00	17.3	26.7	9.4	0.01	0.00	-0.01	1.1	WNW
11/2/2023 11:19:00	17.4	26.7	9.3	0.01	0.00	-0.01	1.1	WNW
11/2/2023 11:20:00	17.2	26.3	9.1	0.01	0.00	0.00	1.0	W



Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 11:21:00	17.2	26.7	9.5	0.01	0.00	0.00	1.1	W
11/2/2023 11:22:00	17.2	25.1	7.9	0.01	0.00	-0.01	1.1	WNW
11/2/2023 11:23:00	17.1	22.3	5.2	0.01	0.00	-0.01	1.0	ENE
11/2/2023 11:24:00	15.6	22.2	6.6	0.01	0.00	-0.01	1.0	E
11/2/2023 11:25:00	15.5	20.8	5.3	0.01	0.00	-0.01	1.0	W
11/2/2023 11:26:00	15.1	19.1	4.0	0.01	0.00	-0.01	1.0	W
11/2/2023 11:27:00	18.3	16.3	-2.0	0.01	0.00	-0.01	1.0	WNW
11/2/2023 11:28:00	23.3	16.2	-7.0	0.01	0.00	-0.01	1.0	W
11/2/2023 11:29:00	24.1	14.0	-10.1	0.01	0.00	0.00	1.0	NE
11/2/2023 11:30:00	18.4	13.7	-4.7	0.01	0.00	0.00	1.0	E
11/2/2023 11:31:00	17.0	12.7	-4.2	0.01	0.00	0.00	1.0	ENE
11/2/2023 11:32:00	16.4	14.2	-2.2	0.01	0.00	0.00	1.0	W
11/2/2023 11:33:00	19.4	13.2	-6.3	0.01	0.00	0.00	1.0	E
11/2/2023 11:34:00	20.3	12.6	-7.7	0.00	0.01	0.00	1.1	E
11/2/2023 11:35:00	20.8	10.6	-10.2	0.00	0.01	0.00	1.1	ENE
11/2/2023 11:36:00	21.4	9.0	-12.5	0.00	0.01	0.00	1.1	E
11/2/2023 11:37:00	21.7	8.9	-12.8	0.00	0.01	0.01	1.1	E
11/2/2023 11:38:00	21.9	9.1	-12.8	0.00	0.01	0.01	1.1	NNW
11/2/2023 11:39:00	22.0	9.5	-12.6	0.00	0.01	0.01	1.1	W
11/2/2023 11:40:00	22.3	10.1	-12.2	0.00	0.01	0.01	1.1	W
11/2/2023 11:41:00	22.5	10.5	-12.0	0.00	0.01	0.01	1.1	NNW
11/2/2023 11:42:00	19.5	10.4	-9.1	0.00	0.01	0.01	1.1	ENE
11/2/2023 11:43:00	14.2	9.2	-4.9	0.00	0.01	0.01	1.1	NNE
11/2/2023 11:44:00	12.8	8.6	-4.2	0.00	0.01	0.01	1.2	ENE
11/2/2023 11:45:00	12.3	8.6	-3.7	0.00	0.01	0.01	1.2	ESE
11/2/2023 11:46:00	11.7	8.5	-3.1	0.00	0.01	0.01	1.1	W
11/2/2023 11:47:00	11.6	6.2	-5.4	0.00	0.01	0.01	1.1	WNW
11/2/2023 11:48:00	8.4	6.3	-2.2	0.00	0.01	0.01	1.1	N
11/2/2023 11:49:00	7.4	6.3	-1.1	0.00	0.00	0.00	1.1	ENE
11/2/2023 11:50:00	6.9	6.3	-0.6	0.00	0.00	0.00	1.0	WNW
11/2/2023 11:51:00	6.3	6.0	-0.3	0.00	0.00	0.00	1.0	ESE
11/2/2023 11:52:00	6.1	5.8	-0.3	0.00	0.00	0.00	1.0	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
11/2/2023 11:53:00	5.9	5.7	-0.2	0.00	0.00	0.00	1.0	NE
11/2/2023 11:54:00	5.8	5.3	-0.5	0.00	0.00	0.00	1.0	NNW
11/2/2023 11:55:00	5.5	4.9	-0.7	0.00	0.00	0.00	1.0	ESE
11/2/2023 11:56:00	5.1	4.5	-0.6	0.00	0.00	0.00	1.0	E
11/2/2023 11:57:00	4.3	4.3	0.1	0.00	0.00	0.00	0.9	E
11/2/2023 11:58:00	4.1	4.4	0.3	0.00	0.00	0.00	0.9	WNW
11/2/2023 11:59:00	4.2	4.3	0.1	0.00	0.00	0.00	0.8	ENE
11/2/2023 12:00:00	4.2	4.3	0.1	0.00	0.00	0.00	0.9	E
11/2/2023 12:01:00	4.2	4.3	0.0	0.00	0.00	0.00	0.9	E
11/2/2023 12:02:00	4.3	4.3	0.1	0.00	0.00	0.00	0.9	E
11/2/2023 12:03:00	4.3	4.3	0.0	0.00	0.00	0.00	0.9	E
11/2/2023 12:04:00	4.4	4.2	-0.2	0.00	0.00	0.00	0.9	NNW
11/2/2023 12:05:00	4.3	4.1	-0.2	0.00	0.00	0.00	0.9	WNW
11/2/2023 12:06:00	4.3	4.1	-0.1	0.00	0.00	0.00	0.9	E
11/2/2023 12:07:00	4.3	4.1	-0.2	0.00	0.00	0.00	1.0	E
11/2/2023 12:08:00	4.3	4.0	-0.3	0.00	0.00	0.00	1.1	ESE
11/2/2023 12:09:00	4.3	3.9	-0.4	0.00	0.00	0.00	1.1	E
11/2/2023 12:10:00	5.1	3.9	-1.2	0.00	0.00	0.00	1.1	ENE
11/2/2023 12:11:00	5.6	3.9	-1.8	0.00	0.00	0.00	1.1	NNW
11/2/2023 12:12:00	5.8	4.0	-1.8	0.00	0.00	0.00	1.1	NNE
11/2/2023 12:13:00	5.9	4.0	-1.9	0.00	0.00	0.00	1.2	ENE
11/2/2023 12:14:00	6.0	4.1	-1.9	0.00	0.00	0.00	1.2	NNE
11/2/2023 12:15:00	6.0	4.1	-1.9	0.00	0.00	0.00	1.2	N
11/2/2023 12:16:00	6.1	4.2	-1.9	0.00	0.00	0.00	1.2	E
11/2/2023 12:17:00	6.1	4.4	-1.7	0.00	0.00	0.00	1.2	NW
11/2/2023 12:18:00	6.1	4.4	-1.7	0.00	0.00	0.00	1.2	E
11/2/2023 12:19:00	6.1	4.5	-1.6	0.00	0.00	0.00	1.2	E
11/2/2023 12:20:00	6.1	4.5	-1.7	0.00	0.00	0.00	1.3	E
11/2/2023 12:21:00	6.1	4.5	-1.6	0.00	0.00	0.00	1.2	SW
11/2/2023 12:22:00	6.1	4.5	-1.6	0.00	0.00	0.00	1.1	E
11/2/2023 12:23:00	6.1	4.6	-1.5	0.00	0.00	0.00	1.1	E
11/2/2023 12:24:00	6.1	4.7	-1.4	0.00	0.00	0.00	1.1	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
11/2/2023 12:25:00	5.7	4.6	-1.1	0.00	0.00	0.00	1.1	W
11/2/2023 12:26:00	5.4	4.8	-0.7	0.00	0.00	0.00	1.1	W
11/2/2023 12:27:00	6.3	5.1	-1.3	0.00	0.00	0.00	1.1	NNE
11/2/2023 12:28:00	7.3	6.2	-1.1	0.00	0.00	0.00	1.1	NNE
11/2/2023 12:29:00	7.9	7.1	-0.8	0.00	0.00	0.00	1.0	ENE
11/2/2023 12:30:00	7.8	7.3	-0.6	0.00	0.00	0.00	1.0	ENE
11/2/2023 12:31:00	7.7	7.3	-0.4	0.00	0.00	0.00	1.1	E
11/2/2023 12:32:00	7.8	7.2	-0.6	0.00	0.00	0.00	1.1	E
11/2/2023 12:33:00	7.9	7.5	-0.5	0.00	0.00	0.00	1.1	NW
11/2/2023 12:34:00	8.0	7.5	-0.6	0.00	0.00	0.00	1.1	ENE
11/2/2023 12:35:00	8.4	7.5	-0.9	0.00	0.00	0.00	1.0	NNW
11/2/2023 12:36:00	8.7	7.5	-1.3	0.00	0.00	0.00	1.0	N
11/2/2023 12:37:00	8.9	7.4	-1.5	0.00	0.00	0.00	1.0	NNE
11/2/2023 12:38:00	10.0	7.7	-2.4	0.00	0.00	0.00	1.0	ENE
11/2/2023 12:39:00	10.5	9.3	-1.1	0.00	0.00	0.00	1.0	WNW
11/2/2023 12:40:00	10.4	11.9	1.5	0.01	0.00	0.00	0.9	W
11/2/2023 12:41:00	10.4	12.6	2.2	0.01	0.00	-0.01	0.9	W
11/2/2023 12:42:00	9.6	12.2	2.6	0.01	0.00	0.00	0.9	NW
11/2/2023 12:43:00	8.9	11.2	2.3	0.01	0.00	0.00	0.9	NNW
11/2/2023 12:44:00	8.7	10.6	1.9	0.01	0.00	0.00	0.9	N
11/2/2023 12:45:00	9.1	10.7	1.6	0.01	0.00	0.00	0.9	ENE
11/2/2023 12:46:00	9.4	10.7	1.3	0.01	0.00	0.00	0.9	NE
11/2/2023 12:47:00	9.9	10.7	0.8	0.01	0.00	0.00	0.9	NNE
11/2/2023 12:48:00	10.2	10.5	0.3	0.01	0.00	0.00	0.9	ENE
11/2/2023 12:49:00	10.3	11.1	0.8	0.01	0.00	0.00	0.9	WNW
11/2/2023 12:50:00	10.1	11.2	1.1	0.01	0.00	0.00	1.0	ENE
11/2/2023 12:51:00	9.8	11.2	1.4	0.01	0.00	0.00	1.0	NW
11/2/2023 12:52:00	10.7	11.4	0.7	0.01	0.00	0.00	1.0	WNW
11/2/2023 12:53:00	10.0	11.4	1.4	0.01	0.00	0.00	1.1	W
11/2/2023 12:54:00	10.1	9.9	-0.2	0.00	0.00	0.00	1.1	W
11/2/2023 12:55:00	9.9	7.4	-2.5	0.00	0.00	0.00	1.1	NW
11/2/2023 12:56:00	10.0	6.9	-3.1	0.00	0.00	0.00	1.1	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
11/2/2023 12:57:00	9.6	6.9	-2.7	0.00	0.00	0.00	1.1	NW
11/2/2023 12:58:00	9.3	6.8	-2.5	0.00	0.00	0.00	1.2	SSE
11/2/2023 12:59:00	8.8	6.7	-2.0	0.00	0.00	0.00	1.1	NNE
11/2/2023 13:00:00	8.2	7.5	-0.8	0.00	0.00	0.00	1.0	NNE
11/2/2023 13:01:00	7.8	8.3	0.4	0.00	0.00	0.00	1.0	NW
11/2/2023 13:02:00	7.8	8.2	0.4	0.00	0.00	0.00	1.0	NW
11/2/2023 13:03:00	7.4	8.1	0.7	0.00	0.00	0.00	1.0	WNW
11/2/2023 13:04:00	7.2	7.6	0.4	0.00	0.00	0.00	0.9	NNW
11/2/2023 13:05:00	7.1	7.5	0.5	0.00	0.00	0.00	0.9	W
11/2/2023 13:06:00	6.9	7.7	0.8	0.00	0.00	0.00	0.9	NW
11/2/2023 13:07:00	5.7	7.5	1.9	0.00	0.00	0.00	0.9	WNW
11/2/2023 13:08:00	5.2	7.4	2.2	0.00	0.00	0.00	0.8	NNE
11/2/2023 13:09:00	4.7	7.7	3.0	0.00	0.00	0.00	0.9	E
11/2/2023 13:10:00	4.6	8.7	4.0	0.00	0.00	0.00	0.9	E
11/2/2023 13:11:00	4.4	9.1	4.7	0.00	0.00	0.00	0.9	NNE
11/2/2023 13:12:00	5.2	9.1	3.9	0.00	0.00	0.00	0.9	W
11/2/2023 13:13:00	6.0	9.2	3.2	0.00	0.00	0.00	1.0	W
11/2/2023 13:14:00	6.4	8.9	2.5	0.00	0.00	0.00	1.0	W
11/2/2023 13:15:00	6.8	8.0	1.2	0.00	0.00	0.00	1.1	W
11/2/2023 13:16:00	7.1	7.2	0.1	0.00	0.00	0.00	1.1	W
11/2/2023 13:17:00	6.4	7.3	0.8	0.00	0.00	0.00	1.2	W
11/2/2023 13:18:00	6.4	7.3	0.9	0.00	0.00	0.00	1.2	W
11/2/2023 13:19:00	6.3	7.2	0.9	0.00	0.00	0.00	1.2	W
11/2/2023 13:20:00	6.3	7.2	0.9	0.00	0.00	0.00	1.3	W
11/2/2023 13:21:00	6.3	7.2	0.8	0.00	0.00	0.00	1.3	W
11/2/2023 13:22:00	6.3	7.3	0.9	0.00	0.00	0.00	1.4	W
11/2/2023 13:23:00	6.6	7.9	1.3	0.00	0.00	0.00	1.5	W
11/2/2023 13:24:00	7.3	8.0	0.6	0.00	0.00	0.00	1.4	WNW
11/2/2023 13:25:00	9.5	7.1	-2.4	0.00	0.00	0.00	1.4	W
11/2/2023 13:26:00	9.6	7.9	-1.7	0.00	0.00	0.00	1.4	NW
11/2/2023 13:27:00	10.4	8.0	-2.5	0.00	0.00	0.00	1.3	W
11/2/2023 13:28:00	10.9	8.3	-2.6	0.01	0.00	0.00	1.3	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 13:29:00	11.6	8.3	-3.2	0.01	0.00	-0.01	1.3	W
11/2/2023 13:30:00	11.7	8.3	-3.3	0.01	0.00	-0.01	1.3	W
11/2/2023 13:31:00	11.8	8.2	-3.6	0.01	0.00	-0.01	1.3	W
11/2/2023 13:32:00	12.1	8.2	-3.9	0.01	0.00	-0.01	1.2	W
11/2/2023 13:33:00	13.3	8.2	-5.0	0.01	0.00	-0.01	1.2	WNW
11/2/2023 13:34:00	13.2	9.2	-4.1	0.01	0.00	-0.01	1.2	N
11/2/2023 13:35:00	13.1	10.2	-3.0	0.01	0.00	-0.01	1.1	ENE
11/2/2023 13:36:00	13.2	11.0	-2.1	0.01	0.00	-0.01	1.0	NNW
11/2/2023 13:37:00	13.4	11.3	-2.1	0.01	0.01	0.00	0.9	E
11/2/2023 13:38:00	13.6	11.0	-2.6	0.01	0.01	0.00	1.0	E
11/2/2023 13:39:00	12.9	10.8	-2.1	0.01	0.01	0.00	1.0	NNE
11/2/2023 13:40:00	11.0	11.3	0.4	0.01	0.01	0.00	1.0	NW
11/2/2023 13:41:00	10.9	10.2	-0.7	0.01	0.01	-0.01	1.0	ENE
11/2/2023 13:42:00	9.4	10.9	1.5	0.01	0.01	0.00	1.0	NE
11/2/2023 13:43:00	8.3	12.4	4.1	0.01	0.01	0.00	1.0	ENE
11/2/2023 13:44:00	7.3	14.3	7.0	0.01	0.01	0.00	0.9	ENE
11/2/2023 13:45:00	7.2	15.8	8.7	0.01	0.01	0.01	0.9	ENE
11/2/2023 13:46:00	7.0	17.2	10.2	0.00	0.01	0.01	0.9	NNE
11/2/2023 13:47:00	7.0	18.0	11.0	0.00	0.01	0.01	0.9	E
11/2/2023 13:48:00	6.2	18.6	12.4	0.00	0.01	0.01	1.0	ENE
11/2/2023 13:49:00	6.5	20.0	13.5	0.00	0.01	0.01	1.0	ENE
11/2/2023 13:50:00	8.5	19.2	10.7	0.00	0.01	0.01	1.1	NW
11/2/2023 13:51:00	8.7	18.8	10.1	0.00	0.01	0.01	1.1	E
11/2/2023 13:52:00	9.1	18.9	9.8	0.00	0.01	0.00	1.1	E
11/2/2023 13:53:00	9.3	19.0	9.6	0.00	0.01	0.00	1.0	W
11/2/2023 13:54:00	9.1	19.2	10.1	0.00	0.01	0.00	1.0	E
11/2/2023 13:55:00	8.9	18.5	9.6	0.00	0.01	0.01	1.0	ESE
11/2/2023 13:56:00	9.2	18.1	8.8	0.00	0.01	0.01	1.0	W
11/2/2023 13:57:00	9.1	18.5	9.4	0.00	0.01	0.01	1.0	NNE
11/2/2023 13:58:00	9.1	16.8	7.7	0.00	0.01	0.00	1.0	W
11/2/2023 13:59:00	9.1	14.8	5.7	0.00	0.00	0.00	1.0	WNW
11/2/2023 14:00:00	9.1	13.3	4.2	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
11/2/2023 14:01:00	8.8	12.8	4.0	0.00	0.00	0.00	0.9	NE
11/2/2023 14:02:00	8.5	14.1	5.6	0.00	0.00	0.00	0.9	NE
11/2/2023 14:03:00	8.0	13.7	5.7	0.00	0.00	0.00	0.9	ENE
11/2/2023 14:04:00	7.7	12.1	4.4	0.00	0.00	0.00	0.8	ENE
11/2/2023 14:05:00	5.8	12.9	7.2	0.00	0.00	0.00	0.8	N
11/2/2023 14:06:00	7.9	12.7	4.8	0.00	0.00	0.00	0.8	W
11/2/2023 14:07:00	8.2	13.2	5.0	0.00	0.00	0.00	0.8	W
11/2/2023 14:08:00	7.8	16.3	8.6	0.00	0.00	0.00	0.8	NNW
11/2/2023 14:09:00	8.6	16.5	7.9	0.00	0.00	0.00	0.8	E
11/2/2023 14:10:00	9.0	16.9	8.0	0.00	0.00	0.00	0.8	NE
11/2/2023 14:11:00	8.7	17.0	8.3	0.00	0.00	0.00	0.8	W
11/2/2023 14:12:00	9.1	16.0	6.9	0.00	0.00	0.00	0.8	WNW
11/2/2023 14:13:00	9.2	16.5	7.3	0.00	0.00	0.00	0.8	E
11/2/2023 14:14:00	9.2	16.6	7.4	0.00	0.00	0.00	0.8	ENE
11/2/2023 14:15:00	9.2	16.5	7.3	0.00	0.00	0.00	0.8	NW
11/2/2023 14:16:00	9.3	15.9	6.6	0.00	0.00	0.00	0.8	N
11/2/2023 14:17:00	9.6	14.5	5.0	0.00	0.00	0.00	0.8	ENE
11/2/2023 14:18:00	10.3	14.6	4.3	0.00	0.00	0.00	0.9	NE
11/2/2023 14:19:00	10.9	15.9	5.0	0.00	0.00	0.00	0.9	ENE
11/2/2023 14:20:00	11.3	17.7	6.3	0.00	0.00	0.00	1.0	NNE
11/2/2023 14:21:00	9.8	18.2	8.4	0.00	0.00	0.00	0.9	N
11/2/2023 14:22:00	9.4	18.6	9.3	0.00	0.00	0.00	0.9	N
11/2/2023 14:23:00	9.5	16.8	7.4	0.00	0.00	0.00	0.9	NE
11/2/2023 14:24:00	8.8	16.6	7.8	0.00	0.00	0.00	0.9	NNE
11/2/2023 14:25:00	8.7	16.6	7.9	0.00	0.00	0.00	1.0	ENE
11/2/2023 14:26:00	8.9	17.5	8.6	0.00	0.00	0.00	1.0	ENE
11/2/2023 14:27:00	9.4	17.5	8.0	0.00	0.00	0.00	1.0	NNE
11/2/2023 14:28:00	9.7	16.9	7.2	0.00	0.00	0.00	1.0	ENE
11/2/2023 14:29:00	9.8	16.6	6.9	0.00	0.00	0.00	0.9	NNW
11/2/2023 14:30:00	9.8	16.6	6.8	0.00	0.00	0.00	1.0	NE
11/2/2023 14:31:00	10.2	16.4	6.3	0.00	0.00	0.00	1.0	NW
11/2/2023 14:32:00	11.1	16.0	4.8	0.00	0.00	0.00	1.1	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 14:33:00	11.3	15.9	4.6	0.00	0.00	0.00	1.1	W
11/2/2023 14:34:00	11.2	14.0	2.8	0.00	0.00	0.00	1.1	W
11/2/2023 14:35:00	11.1	11.5	0.5	0.00	0.00	0.00	1.1	NW
11/2/2023 14:36:00	10.5	10.9	0.5	0.00	0.00	0.00	1.1	NE
11/2/2023 14:37:00	10.0	9.6	-0.3	0.00	0.01	0.00	1.1	NE
11/2/2023 14:38:00	9.7	8.2	-1.5	0.00	0.01	0.00	1.1	E
11/2/2023 14:39:00	9.5	8.9	-0.5	0.00	0.01	0.00	1.1	ENE
11/2/2023 14:40:00	9.1	9.6	0.4	0.00	0.01	0.01	1.0	E
11/2/2023 14:41:00	8.7	9.1	0.4	0.00	0.01	0.01	1.0	NE
11/2/2023 14:42:00	7.6	10.3	2.7	0.00	0.01	0.01	1.0	ENE
11/2/2023 14:43:00	7.0	13.7	6.7	0.00	0.01	0.01	1.0	E
11/2/2023 14:44:00	6.6	20.3	13.7	0.00	0.01	0.01	1.0	E
11/2/2023 14:45:00	6.4	31.4	24.9	0.00	0.01	0.01	1.0	NE
11/2/2023 14:46:00	9.1	31.2	22.1	0.00	0.01	0.01	1.0	NW
11/2/2023 14:47:00	7.9	31.8	23.9	0.00	0.01	0.01	0.9	ENE
11/2/2023 14:48:00	7.1	31.8	24.7	0.00	0.01	0.01	0.9	ENE
11/2/2023 14:49:00	6.8	31.7	25.0	0.00	0.01	0.01	0.8	NNW
11/2/2023 14:50:00	6.5	31.4	24.9	0.00	0.01	0.01	0.9	ENE
11/2/2023 14:51:00	6.3	31.1	24.9	0.00	0.01	0.01	0.9	ESE
11/2/2023 14:52:00	6.3	30.9	24.6	0.00	0.00	0.00	0.9	N
11/2/2023 14:53:00	6.5	30.5	24.0	0.00	0.00	0.00	0.9	NW
11/2/2023 14:54:00	6.5	29.3	22.8	0.00	0.00	0.00	0.8	N
11/2/2023 14:55:00	6.7	28.1	21.4	0.00	0.00	0.00	0.8	WNW
11/2/2023 14:56:00	6.7	27.9	21.2	0.00	0.00	0.00	0.8	NE
11/2/2023 14:57:00				0.00	0.00	0.00	0.8	E
11/2/2023 14:58:00				0.00	0.00	0.00	0.8	ENE
11/2/2023 14:59:00				0.00	0.00	0.00	0.8	ESE
11/2/2023 15:00:00	2.5	90.7	88.3	0.00	0.00	0.00	0.8	E
11/2/2023 15:01:00	2.6	79.1	76.5	0.00	0.00	0.00	0.9	E
11/2/2023 15:02:00	2.5	81.8	79.3	0.00	0.00	0.00	0.9	E
11/2/2023 15:03:00	2.5	71.1	68.6	0.00	0.01	0.01	0.8	E
11/2/2023 15:04:00	2.5	60.3	57.8	0.00	0.01	0.01	0.8	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 15:05:00	2.5	53.2	50.7	0.00	0.01	0.01	0.8	N
11/2/2023 15:06:00	2.7	50.0	47.3	0.00	0.01	0.01	0.8	NNW
11/2/2023 15:07:00	3.0	46.0	43.1	0.00	0.01	0.01	0.8	NE
11/2/2023 15:08:00	3.0	43.1	40.1	0.00	0.01	0.01	0.8	N
11/2/2023 15:09:00	3.0	39.7	36.7	0.00	0.01	0.01	0.8	E
11/2/2023 15:10:00	3.0	36.7	33.7	0.00	0.01	0.01	0.9	E
11/2/2023 15:11:00	2.9	33.9	31.0	0.00	0.01	0.01	0.8	E
11/2/2023 15:12:00	2.9	31.5	28.7	0.00	0.01	0.01	0.8	ENE
11/2/2023 15:13:00	2.8	29.5	26.7	0.00	0.01	0.01	0.8	E
11/2/2023 15:14:00	2.8	27.7	24.9	0.00	0.01	0.01	0.8	E
11/2/2023 15:15:00	2.7	21.9	19.1	0.00	0.01	0.01	0.9	E
11/2/2023 15:16:00	2.7	17.6	14.9	0.00	0.01	0.01	0.8	E
11/2/2023 15:17:00	2.7	12.1	9.4	0.00	0.00	0.00	0.8	SE
11/2/2023 15:18:00	2.7	9.7	7.0	0.00	0.00	0.00	0.8	ENE
11/2/2023 15:19:00	2.9	8.9	6.0	0.00	0.00	0.00	0.8	ENE
11/2/2023 15:20:00	3.0	8.0	4.9	0.00	0.00	0.00	0.8	E
11/2/2023 15:21:00	3.1	6.2	3.1	0.00	0.00	0.00	0.8	E
11/2/2023 15:22:00	3.0	5.2	2.2	0.00	0.00	0.00	0.8	N
11/2/2023 15:23:00	3.0	4.1	1.1	0.00	0.00	0.00	0.7	W
11/2/2023 15:24:00	3.0	3.8	0.7	0.00	0.00	0.00	0.7	E
11/2/2023 15:25:00	3.1	3.7	0.5	0.00	0.00	0.00	0.7	N
11/2/2023 15:26:00	3.2	3.7	0.5	0.00	0.00	0.00	0.7	NNE
11/2/2023 15:27:00	3.3	3.7	0.5	0.00	0.00	0.00	0.7	WNW
11/2/2023 15:28:00	3.3	3.8	0.5	0.00	0.00	0.00	0.7	E
11/2/2023 15:29:00	3.4	3.8	0.4	0.00	0.00	0.00	0.8	E
11/2/2023 15:30:00	3.5	3.9	0.4	0.00	0.00	0.00	0.7	ESE
11/2/2023 15:31:00	3.7	4.1	0.4	0.00	0.00	0.00	0.7	NNE
11/2/2023 15:32:00	3.9	4.0	0.2	0.00	0.00	0.00	0.7	WNW
11/2/2023 15:33:00	3.9	4.1	0.2	0.00	0.00	0.00	0.7	N
11/2/2023 15:34:00	4.0	4.0	0.0	0.00	0.00	0.00	0.7	WNW
11/2/2023 15:35:00	3.9	4.4	0.5	0.00	0.00	0.00	0.7	ENE
11/2/2023 15:36:00	3.7	4.6	0.9	0.00	0.00	0.00	0.7	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
11/2/2023 15:37:00	3.6	4.7	1.1	0.00	0.00	0.00	0.8	ENE
11/2/2023 15:38:00	3.5	5.0	1.5	0.00	0.00	0.00	0.8	E
11/2/2023 15:39:00	3.5	5.1	1.6	0.00	0.00	0.00	0.9	ESE
11/2/2023 15:40:00	3.4	5.3	1.9	0.00	0.00	0.00	0.9	NNE
11/2/2023 15:41:00	3.4	5.5	2.1	0.00	0.00	0.00	0.8	ENE
11/2/2023 15:42:00	3.3	5.5	2.2	0.00	0.00	0.00	0.9	ENE
11/2/2023 15:43:00	3.3	5.6	2.3	0.00	0.00	0.00	0.9	ENE
11/2/2023 15:44:00	3.2	5.6	2.4	0.00	0.00	0.00	0.9	ENE
11/2/2023 15:45:00	3.1	5.5	2.4	0.00	0.00	0.00	0.9	NNE
11/2/2023 15:46:00	3.0	5.2	2.2	0.00	0.00	0.00	0.9	NE
11/2/2023 15:47:00	2.7	5.2	2.5	0.00	0.00	0.00	0.9	NE
11/2/2023 15:48:00	2.7	5.0	2.3	0.00	0.00	0.00	0.9	SE
11/2/2023 15:49:00	2.4	4.9	2.5	0.00	0.00	0.00	0.9	ENE
11/2/2023 15:50:00	2.4	4.5	2.1	0.00	0.00	0.00	0.9	ESE
11/2/2023 15:51:00	2.4	4.3	1.9	0.00	0.00	0.00	0.9	NE
11/2/2023 15:52:00	2.4	4.0	1.6	0.00	0.00	0.00	0.9	E
11/2/2023 15:53:00	2.4	3.7	1.3	0.00	0.00	0.00	0.9	E
11/2/2023 15:54:00	2.4	3.5	1.1	0.00	0.00	0.00	0.9	NNW
11/2/2023 15:55:00	2.4	3.2	0.8	0.00	0.00	0.00	0.9	W
11/2/2023 15:56:00	2.4	3.0	0.5	0.00	0.00	0.00	0.9	W
11/2/2023 15:57:00	2.5	2.9	0.3	0.00	0.00	0.00	0.9	W
11/2/2023 15:58:00	2.7	3.1	0.4	0.00	0.00	0.00	0.9	W
11/2/2023 15:59:00	2.9	3.4	0.6	0.00	0.00	0.00	0.9	W
11/2/2023 16:00:00	3.4	3.5	0.2	0.00	0.00	0.00	0.9	WNW
11/2/2023 16:01:00	4.2	3.7	-0.6	0.00	0.00	0.00	1.0	W
11/2/2023 16:02:00	4.9	4.1	-0.8	0.00	0.00	0.00	1.1	W
11/2/2023 16:03:00	6.0	4.5	-1.5	0.00	0.00	0.00	1.2	W
11/2/2023 16:04:00	6.9	4.6	-2.3	0.00	0.00	0.00	1.3	W
11/2/2023 16:05:00	8.7	4.8	-3.9	0.00	0.00	0.00	1.4	W
11/2/2023 16:06:00	9.8	5.0	-4.9	0.01	0.00	-0.01	1.5	W
11/2/2023 16:07:00	10.6	5.2	-5.5	0.01	0.00	-0.01	1.4	W
11/2/2023 16:08:00	11.2	5.4	-5.8	0.01	0.00	-0.01	1.4	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 16:09:00	11.9	5.5	-6.4	0.01	0.00	-0.01	1.5	WNW
11/2/2023 16:10:00	12.4	5.8	-6.6	0.01	0.00	-0.01	1.5	WNW
11/2/2023 16:11:00	12.6	6.8	-5.8	0.01	0.00	-0.01	1.4	W
11/2/2023 16:12:00	12.7	7.1	-5.6	0.01	0.00	-0.01	1.4	ENE
11/2/2023 16:13:00	13.2	6.9	-6.3	0.01	0.00	-0.01	1.5	W
11/2/2023 16:14:00	13.5	6.6	-7.0	0.01	0.00	-0.01	1.5	W
11/2/2023 16:15:00	13.2	6.7	-6.5	0.01	0.00	-0.01	1.5	NW
11/2/2023 16:16:00	12.5	7.5	-5.0	0.01	0.00	-0.01	1.4	NE
11/2/2023 16:17:00	12.8	7.2	-5.6	0.01	0.00	-0.01	1.3	W
11/2/2023 16:18:00	12.4	6.9	-5.5	0.01	0.00	-0.01	1.1	NW
11/2/2023 16:19:00	12.3	6.9	-5.3	0.01	0.00	-0.01	1.1	W
11/2/2023 16:20:00	11.0	7.1	-3.9	0.01	0.00	0.00	1.0	WNW
11/2/2023 16:21:00	10.2	7.2	-3.0	0.01	0.00	0.00	0.9	SE
11/2/2023 16:22:00	10.0	7.3	-2.7	0.01	0.00	0.00	0.9	W
11/2/2023 16:23:00	9.5	7.5	-2.0	0.01	0.00	0.00	0.8	NNE
11/2/2023 16:24:00	10.1	7.4	-2.6	0.01	0.00	0.00	0.8	W
11/2/2023 16:25:00	10.3	7.2	-3.1	0.01	0.00	0.00	0.8	W
11/2/2023 16:26:00	10.5	6.4	-4.1	0.01	0.00	0.00	0.8	W
11/2/2023 16:27:00	10.6	7.5	-3.1	0.01	0.01	0.00	0.8	ESE
11/2/2023 16:28:00	10.1	8.5	-1.6	0.01	0.01	0.00	0.7	NE
11/2/2023 16:29:00	9.6	9.3	-0.3	0.01	0.01	0.00	0.6	ENE
11/2/2023 16:30:00	9.6	9.9	0.3	0.01	0.01	0.00	0.6	N
11/2/2023 16:31:00	9.7	10.0	0.3	0.01	0.01	0.00	0.6	NNW
11/2/2023 16:32:00	11.0	10.0	-1.0	0.00	0.01	0.00	0.6	W
11/2/2023 16:33:00	11.6	10.2	-1.4	0.00	0.01	0.00	0.8	W
11/2/2023 16:34:00	11.7	10.2	-1.5	0.00	0.01	0.00	0.8	WNW
11/2/2023 16:35:00	11.9	10.1	-1.8	0.00	0.01	0.00	1.0	W
11/2/2023 16:36:00	12.0	9.9	-2.0	0.00	0.01	0.00	1.1	W
11/2/2023 16:37:00	11.9	9.8	-2.1	0.00	0.01	0.00	1.1	W
11/2/2023 16:38:00	12.1	9.6	-2.6	0.01	0.01	0.00	1.2	W
11/2/2023 16:39:00	11.3	9.6	-1.6	0.01	0.01	0.00	1.2	WNW
11/2/2023 16:40:00	10.7	10.3	-0.4	0.00	0.01	0.00	1.2	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
11/2/2023 16:41:00	10.6	10.2	-0.3	0.00	0.01	0.00	1.2	WNW
11/2/2023 16:42:00	10.8	9.3	-1.6	0.00	0.00	0.00	1.2	W
11/2/2023 16:43:00	11.2	8.6	-2.6	0.00	0.00	0.00	1.2	WNW
11/2/2023 16:44:00	11.4	8.2	-3.2	0.00	0.00	0.00	1.3	W
11/2/2023 16:45:00	11.6	7.5	-4.1	0.00	0.00	0.00	1.3	W
11/2/2023 16:46:00	11.9	6.8	-5.0	0.00	0.00	0.00	1.3	WNW
11/2/2023 16:47:00	9.7	6.9	-2.8	0.00	0.00	0.00	1.2	NNW
11/2/2023 16:48:00	8.8	6.8	-2.0	0.00	0.00	0.00	1.1	W
11/2/2023 16:49:00	8.1	7.1	-1.1	0.00	0.00	0.00	1.0	W
11/2/2023 16:50:00	7.8	7.3	-0.5	0.00	0.00	0.00	0.9	NW
11/2/2023 16:51:00	8.6	7.7	-0.9	0.00	0.00	0.00	0.9	W
11/2/2023 16:52:00	9.3	7.8	-1.6	0.00	0.00	0.00	0.9	W
11/2/2023 16:53:00	10.4	7.8	-2.6	0.00	0.00	0.00	0.9	W
11/2/2023 16:54:00	10.8	8.1	-2.6	0.00	0.00	0.00	0.9	W
11/2/2023 16:55:00	11.2	7.8	-3.4	0.00	0.00	0.00	1.0	W
11/2/2023 16:56:00	11.6	8.1	-3.5	0.00	0.00	0.00	1.1	W
11/2/2023 16:57:00	11.6	8.1	-3.5	0.00	0.00	0.00	1.2	W
11/2/2023 16:58:00	11.7	7.8	-3.9	0.00	0.00	0.00	1.2	W
11/2/2023 16:59:00	11.9	7.6	-4.3	0.00	0.00	0.00	1.2	WNW
11/2/2023 17:00:00	11.9	7.5	-4.5	0.00	0.00	0.00	1.1	SSE
11/2/2023 17:01:00	11.9	7.4	-4.6	0.00	0.00	0.00	1.2	W
11/2/2023 17:02:00	12.5	7.4	-5.2	0.00	0.00	0.00	1.2	WNW
11/2/2023 17:03:00	12.8	7.5	-5.2	0.00	0.00	0.00	1.3	W
11/2/2023 17:04:00	12.6	7.8	-4.8	0.00	0.00	0.00	1.2	E
11/2/2023 17:05:00	12.2	8.1	-4.1	0.00	0.00	0.00	1.3	ENE
11/2/2023 17:06:00	11.3	7.8	-3.5	0.00	0.00	0.00	1.2	W
11/2/2023 17:07:00	10.3	8.0	-2.3	0.00	0.00	0.00	1.2	W
11/2/2023 17:08:00	9.1	7.9	-1.2	0.00	0.00	0.00	1.1	E
11/2/2023 17:09:00	8.4	7.6	-0.8	0.00	0.00	0.00	1.1	E
11/2/2023 17:10:00	7.9	7.4	-0.5	0.00	0.00	0.00	1.0	E
11/2/2023 17:11:00	7.2	7.3	0.1	0.00	0.00	0.00	0.9	ESE
11/2/2023 17:12:00	6.9	7.1	0.1	0.00	0.00	0.00	0.8	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/2/2023 17:13:00	6.5	7.0	0.5	0.00	0.00	0.00	0.7	NNE
11/2/2023 17:14:00	6.1	7.0	0.9	0.00	0.00	0.00	0.8	W