

**DAILY FIELD REPORT 015**

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

Prepared By: LANGAN

<b>BCP Project No:</b>	C231153	<b>Date:</b>	June 26, 2023
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	7:00 am to 4:30 pm
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**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

**Langan Field Personnel:**  
Caitlyn Dempsey (Environmental)  
Xianglei Zheng (Geotechnical)

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

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

**Tank Removal:** Brookside Environmental, Inc. (Brookside)

**Work Activities Performed:**

- Urban excavated an about 15-foot-long by 15-foot-wide area to about 7 feet below grade surface (bgs) in the western part of waste characterization grid WC04\_0-5 and WC04\_5-10. Excavated soil/fill was temporarily stockpiled adjacent to the excavation prior to being placed into the excavation as temporary backfill.
- Urban excavated an about 25-foot-long by 3-foot-wide area to about 7 feet bgs in the eastern part of waste characterization grid WC03\_5-10. Excavated soil/fill was temporarily backfilled into a previously excavated area in eastern part of waste characterization grid WC04 and the western part of waste characterization grid WC05.
- Urban graded an about 100-foot-long by 100-foot-wide area in waste characterization grids WC04 and WC05 to prepare for soil mix column drilling operations.
- All excavated and graded soil/fill consisted of non-native soil; odors, staining, elevated PID readings, or other evidence of a petroleum or chemical release were not observed.
- Urban used an excavator to break up concrete encountered in the southern part of waste characterization grid WC04. Concrete and demolition (C&D) debris was separated and stockpiled adjacent to the area of excavation. Dust suppression measures (i.e., misting and spraying of concrete with water) were employed by Urban during the work.
- Urban installed six, about 38-inch-diameter, soil-mix columns using a Bauer BG 28H drilling rig in the northwestern and southern parts 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)
	Total	0	-	0	-	0	-	0
19		380	17	340	-	-	14	280

**Samples Collected:**

- No samples were collected.

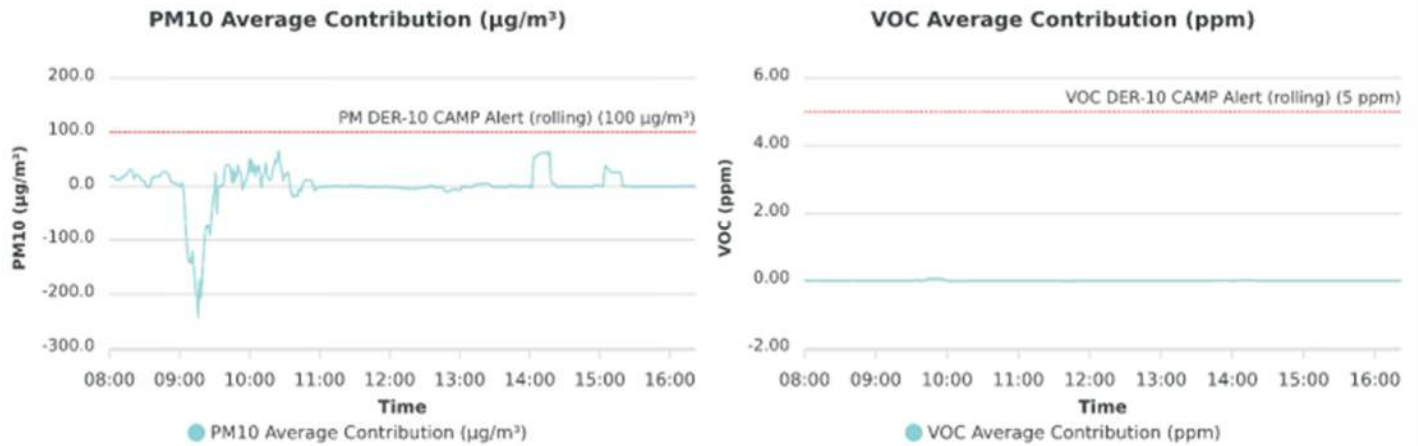
**Air Monitoring:**

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> and 5 ppm, respectively, on this day. Data gaps were encountered from 10:54 to 10:55 AM and from 14:53 to 14:55. These data gaps were attributed to errors encountered with the weather station equipment.

Particulate Monitoring (µg/m <sup>3</sup> )		Organic Vapor Monitoring (ppm)	
Daily Background	17.6	Daily Background	0.01
PM10 Average Site Contribution (Minimum)	-243.9	VOC Average Site Contribution (Minimum)	-0.02
PM10 Average Site Contribution (Maximum)	66.4	VOC Average Site Contribution (Maximum)	0.09

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

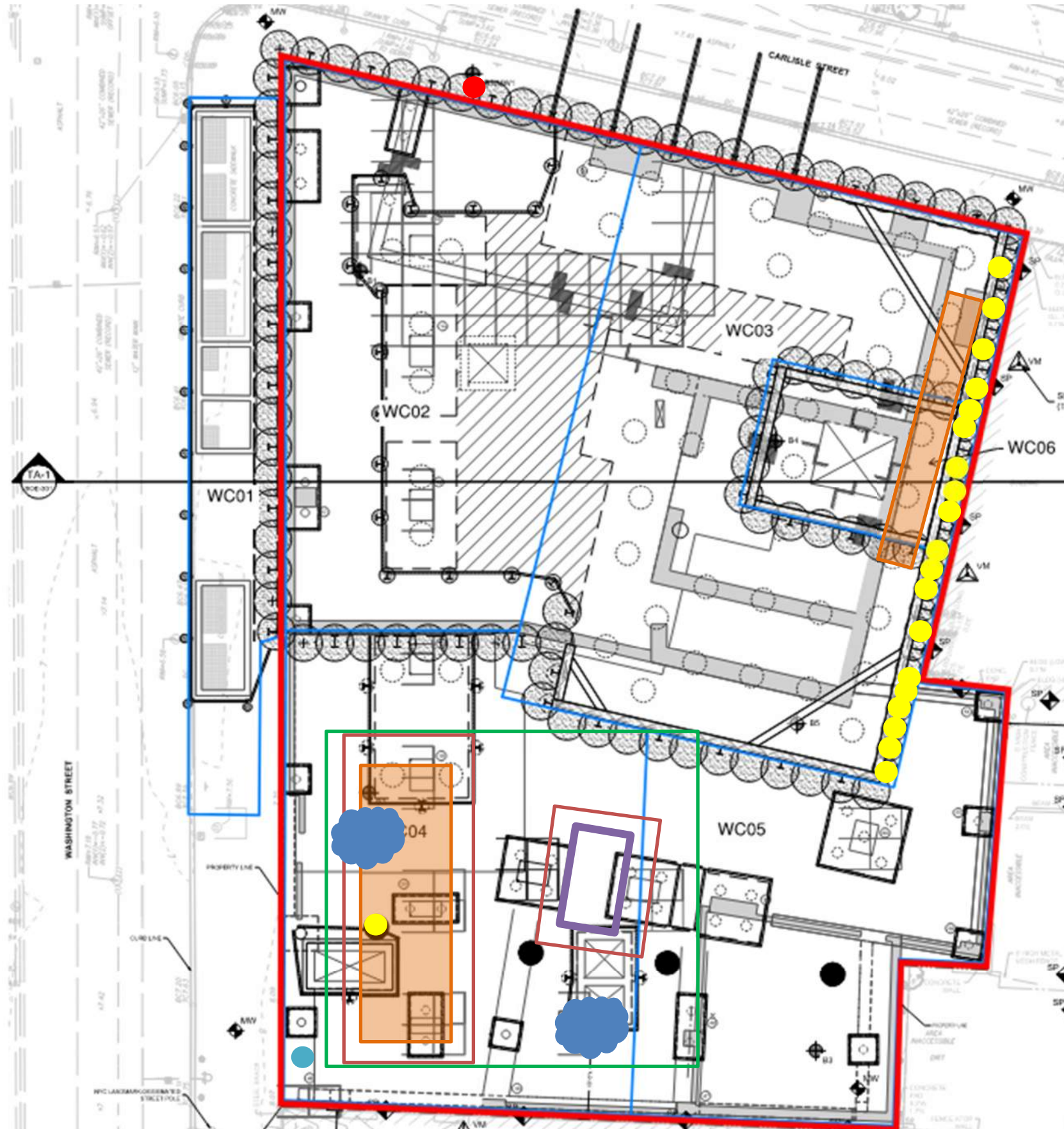
ppm: parts per million.














**Planned Activities:**

- Urban will continue installing soil-mix columns throughout the 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
-  Approximate Location of the UST

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

### Photo Log

**Photo 1:** Urban excavating soil in the western part of waste characterization grid WC04\_0-5 (facing southeast).



**Photo 2:** Urban using a hose for dust suppression while breaking up concrete in the southern part of the site (facing northeast).



**Photo 3:** View of CAMP Station 1 in the northern part of the site (facing northeast).



**Photo 4:** View of CAMP Station 2 in the southwestern part of the site (facing southeast).



**Photo 5:** View of the entrance/exit of the site along Washington Street at the end of the work day (facing northeast).



**Photo 6:** View of the entrance/exit of the site at the corner of Carlisle and Washington Street at the end of the work day (facing south).



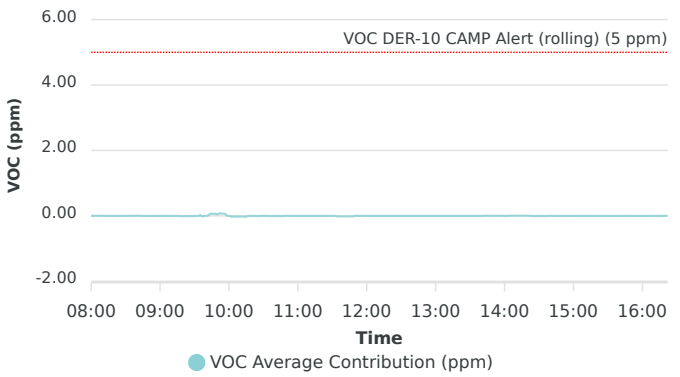
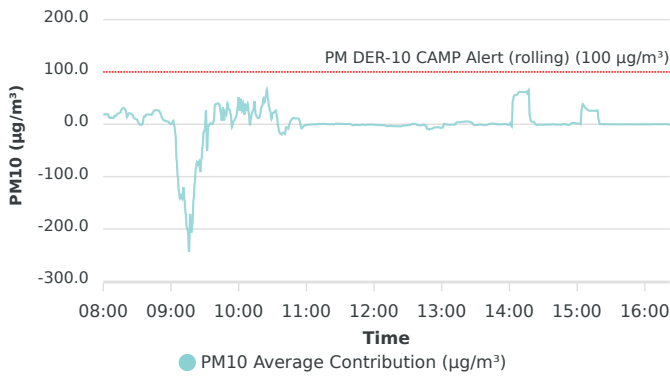
<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	6/26/2023 08:00
		<b>To:</b>	6/26/2023 18:00
		<b>PM10 Action Level:</b>	100 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5 ppm		

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
6/26/2023	-	-	-	0.2-3.5	NNW

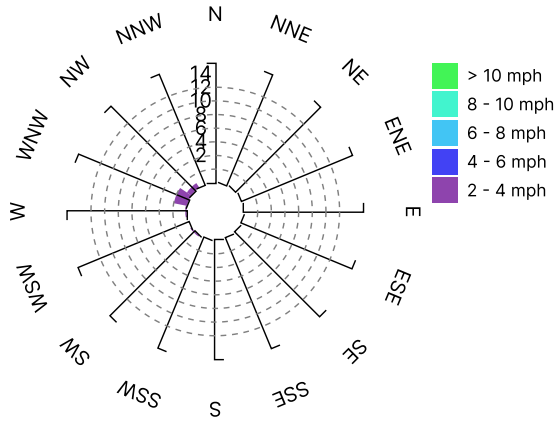


**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**

**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
6/26/2023 08:00:00	17.6	36.2	18.6	0.01	0.01	0.00	0.6	SE
6/26/2023 08:01:00	17.5	36.2	18.7	0.01	0.01	0.00	0.6	E
6/26/2023 08:02:00	17.4	36.2	18.8	0.01	0.01	0.00	0.7	NNW
6/26/2023 08:03:00	17.1	36.3	19.2	0.01	0.01	0.00	0.7	NE
6/26/2023 08:04:00	16.9	36.1	19.2	0.00	0.01	0.00	0.7	NNE
6/26/2023 08:05:00	16.7	30.3	13.6	0.00	0.01	0.00	0.7	ENE
6/26/2023 08:06:00	16.6	28.3	11.8	0.00	0.01	0.00	0.7	NW
6/26/2023 08:07:00	16.4	29.7	13.3	0.00	0.00	0.00	0.7	ESE
6/26/2023 08:08:00	17.1	29.3	12.2	0.00	0.00	0.00	0.7	S
6/26/2023 08:09:00	17.0	29.1	12.1	0.00	0.00	0.00	0.7	E
6/26/2023 08:10:00	14.1	30.3	16.1	0.00	0.00	0.00	0.7	WNW
6/26/2023 08:11:00	14.1	29.4	15.3	0.00	0.00	0.00	0.7	NNE
6/26/2023 08:12:00	14.1	33.0	18.9	0.00	0.00	0.00	0.7	NE
6/26/2023 08:13:00	14.1	34.6	20.5	0.00	0.00	0.00	0.7	NNW
6/26/2023 08:14:00	14.1	35.3	21.2	0.00	0.00	0.00	0.7	N
6/26/2023 08:15:00	13.8	36.2	22.4	0.00	0.00	0.00	0.7	NNW
6/26/2023 08:16:00	13.8	41.1	27.3	0.00	0.00	0.00	0.7	ENE
6/26/2023 08:17:00	13.7	43.8	30.1	0.00	0.00	0.00	0.6	E
6/26/2023 08:18:00	13.7	45.1	31.4	0.00	0.00	0.00	0.6	NW
6/26/2023 08:19:00	14.8	44.6	29.8	0.00	0.00	0.00	0.7	W
6/26/2023 08:20:00	15.3	41.3	26.0	0.00	0.00	0.00	0.6	ESE
6/26/2023 08:21:00	24.3	38.0	13.7	0.00	0.00	0.00	0.7	W
6/26/2023 08:22:00	24.4	44.1	19.7	0.00	0.00	0.00	0.7	NNW
6/26/2023 08:23:00	23.6	45.0	21.3	0.00	0.00	0.00	0.7	ENE
6/26/2023 08:24:00	23.8	44.5	20.7	0.00	0.00	0.00	0.7	WNW
6/26/2023 08:25:00	23.8	43.2	19.4	0.00	0.00	0.00	0.7	WNW
6/26/2023 08:26:00	23.8	41.7	17.9	0.00	0.00	0.00	0.7	WNW
6/26/2023 08:27:00	23.9	36.2	12.3	0.00	0.00	0.00	0.6	ENE
6/26/2023 08:28:00	24.8	35.9	11.1	0.00	0.00	0.00	0.7	SSE
6/26/2023 08:29:00	26.1	36.0	9.9	0.00	0.00	0.00	0.7	W
6/26/2023 08:30:00	26.2	35.1	8.8	0.00	0.00	0.00	0.8	WNW
6/26/2023 08:31:00	26.6	30.1	3.5	0.00	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
6/26/2023 08:32:00	27.6	27.6	0.0	0.00	0.00	0.00	0.8	NNW
6/26/2023 08:33:00	27.9	27.0	-0.9	0.00	0.00	0.00	0.8	E
6/26/2023 08:34:00	28.5	27.4	-1.1	0.00	0.00	0.00	0.7	WNW
6/26/2023 08:35:00	28.1	29.7	1.6	0.00	0.00	0.00	0.8	NW
6/26/2023 08:36:00	19.2	33.9	14.7	0.00	0.00	0.00	0.8	NE
6/26/2023 08:37:00	19.2	33.7	14.5	0.00	0.00	0.00	0.8	WNW
6/26/2023 08:38:00	19.1	37.3	18.1	0.00	0.00	0.00	0.9	WNW
6/26/2023 08:39:00	19.0	37.8	18.8	0.00	0.00	0.00	1.0	WNW
6/26/2023 08:40:00	19.0	37.8	18.8	0.00	0.00	0.00	1.1	WNW
6/26/2023 08:41:00	19.1	37.6	18.5	0.00	0.01	0.01	1.2	WNW
6/26/2023 08:42:00	18.9	37.6	18.7	0.00	0.01	0.00	1.2	NW
6/26/2023 08:43:00	18.2	36.2	18.0	0.00	0.01	0.00	1.2	E
6/26/2023 08:44:00	16.8	39.0	22.2	0.00	0.00	0.00	1.2	E
6/26/2023 08:45:00	17.1	43.4	26.3	0.00	0.00	0.00	1.2	NW
6/26/2023 08:46:00	16.9	43.4	26.5	0.00	0.00	0.00	1.2	NW
6/26/2023 08:47:00	15.8	43.1	27.3	0.00	0.00	0.00	1.3	NW
6/26/2023 08:48:00	16.3	43.0	26.7	0.00	0.00	0.00	1.3	WSW
6/26/2023 08:49:00	16.2	42.7	26.4	0.00	0.00	0.00	1.4	NW
6/26/2023 08:50:00	16.5	40.4	23.9	0.00	0.00	0.00	1.4	ESE
6/26/2023 08:51:00	17.4	37.1	19.7	0.00	0.00	0.00	1.4	W
6/26/2023 08:52:00	17.3	30.3	13.0	0.00	0.00	0.00	1.3	NW
6/26/2023 08:53:00	17.4	26.3	8.9	0.00	0.00	0.00	1.3	WSW
6/26/2023 08:54:00	19.1	25.9	6.9	0.00	0.00	0.00	1.1	NNW
6/26/2023 08:55:00	19.4	26.5	7.1	0.00	0.00	0.00	1.0	NE
6/26/2023 08:56:00	21.0	26.5	5.5	0.00	0.00	0.00	0.9	WSW
6/26/2023 08:57:00	21.0	26.3	5.4	0.00	0.00	0.00	0.9	NW
6/26/2023 08:58:00	20.7	25.5	4.8	0.00	0.00	0.00	0.9	NW
6/26/2023 08:59:00	20.6	21.8	1.2	0.00	0.00	0.00	0.9	E
6/26/2023 09:00:00	20.1	20.1	0.0	0.00	0.00	0.00	0.9	N
6/26/2023 09:01:00	19.8	22.4	2.6	0.00	0.00	0.00	0.8	E
6/26/2023 09:02:00	19.7	26.7	7.0	0.00	0.00	0.00	0.8	ENE
6/26/2023 09:03:00	30.7	27.2	-3.5	0.00	0.00	0.00	0.9	WNW
6/26/2023 09:04:00	48.7	28.6	-20.1	0.00	0.00	0.00	0.8	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
6/26/2023 09:05:00	103.4	35.8	-67.6	0.00	0.00	0.00	0.8	NW
6/26/2023 09:06:00	136.3	36.7	-99.6	0.00	0.00	0.00	0.8	NW
6/26/2023 09:07:00	162.9	35.7	-127.2	0.00	0.00	0.00	0.8	NE
6/26/2023 09:08:00	192.0	50.0	-142.0	0.00	0.00	0.00	0.8	E
6/26/2023 09:09:00	196.7	61.0	-135.7	0.00	0.00	0.00	1.0	NW
6/26/2023 09:10:00	203.7	61.0	-142.7	0.00	0.00	0.00	1.0	NW
6/26/2023 09:11:00	207.9	87.7	-120.2	0.00	0.00	0.00	1.0	WSW
6/26/2023 09:12:00	239.7	94.9	-144.9	0.00	0.00	0.00	1.0	SE
6/26/2023 09:13:00	278.4	108.3	-170.1	0.00	0.00	0.00	1.0	WNW
6/26/2023 09:14:00	306.2	108.7	-197.6	0.00	0.00	0.00	1.1	WNW
6/26/2023 09:15:00	310.0	106.6	-203.3	0.00	0.00	0.00	1.2	NW
6/26/2023 09:16:00	348.5	104.5	-243.9	0.01	0.00	-0.01	1.1	WNW
6/26/2023 09:17:00	349.0	177.8	-171.2	0.01	0.01	0.00	1.1	W
6/26/2023 09:18:00	389.6	182.3	-207.3	0.01	0.01	-0.01	1.0	E
6/26/2023 09:19:00	375.8	183.9	-191.9	0.01	0.01	-0.01	1.1	ENE
6/26/2023 09:20:00	321.4	177.8	-143.6	0.01	0.01	-0.01	1.0	E
6/26/2023 09:21:00	289.3	176.2	-113.0	0.01	0.01	-0.01	1.0	SE
6/26/2023 09:22:00	262.5	177.4	-85.1	0.01	0.01	-0.01	1.0	N
6/26/2023 09:23:00	234.8	162.7	-72.0	0.01	0.01	-0.01	1.1	ESE
6/26/2023 09:24:00	229.3	151.6	-77.7	0.01	0.01	-0.01	0.9	SW
6/26/2023 09:25:00	221.8	151.3	-70.5	0.01	0.01	-0.01	0.9	NW
6/26/2023 09:26:00	216.0	124.5	-91.5	0.01	0.00	-0.01	1.0	WNW
6/26/2023 09:27:00	184.1	117.3	-66.8	0.01	0.00	-0.01	1.0	W
6/26/2023 09:28:00	145.6	104.0	-41.6	0.01	0.00	-0.01	1.0	SE
6/26/2023 09:29:00	117.9	103.5	-14.4	0.01	0.00	-0.01	0.9	ENE
6/26/2023 09:30:00	114.3	103.1	-11.2	0.01	0.00	-0.01	0.8	E
6/26/2023 09:31:00	76.1	102.7	26.6	0.01	0.00	0.00	0.9	W
6/26/2023 09:32:00	75.6	24.8	-50.8	0.01	0.00	-0.01	0.8	NNE
6/26/2023 09:33:00	23.1	19.0	-4.2	0.00	0.00	0.00	0.9	WNW
6/26/2023 09:34:00	17.0	16.2	-0.8	0.00	0.01	0.01	0.9	W
6/26/2023 09:35:00	16.2	18.5	2.2	0.00	0.02	0.02	1.0	WNW
6/26/2023 09:36:00	17.0	18.6	1.6	0.02	0.02	0.00	1.0	N
6/26/2023 09:37:00	17.1	17.7	0.6	0.04	0.02	-0.02	1.0	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/26/2023 09:38:00	15.7	22.9	7.2	0.04	0.03	-0.01	1.0	WNW
6/26/2023 09:39:00	15.1	52.1	37.0	0.04	0.04	0.00	1.1	WNW
6/26/2023 09:40:00	15.1	53.9	38.9	0.04	0.04	0.00	1.2	WNW
6/26/2023 09:41:00	15.4	55.0	39.6	0.04	0.04	0.00	1.3	WNW
6/26/2023 09:42:00	15.4	55.2	39.8	0.04	0.06	0.02	1.3	WNW
6/26/2023 09:43:00	17.9	55.1	37.2	0.04	0.09	0.05	1.4	ESE
6/26/2023 09:44:00	30.8	54.7	23.9	0.04	0.10	0.06	1.4	ESE
6/26/2023 09:45:00	47.3	54.3	7.0	0.04	0.11	0.06	1.4	W
6/26/2023 09:46:00	46.8	79.3	32.5	0.04	0.11	0.07	1.4	E
6/26/2023 09:47:00	71.7	79.1	7.4	0.04	0.11	0.07	1.4	ESE
6/26/2023 09:48:00	72.5	97.4	25.0	0.04	0.11	0.07	1.3	NNE
6/26/2023 09:49:00	79.5	97.4	17.9	0.04	0.10	0.06	1.3	SE
6/26/2023 09:50:00	88.2	128.2	40.0	0.04	0.09	0.04	1.2	SE
6/26/2023 09:51:00	100.2	129.8	29.6	0.02	0.09	0.06	1.2	ENE
6/26/2023 09:52:00	102.7	129.8	27.1	0.00	0.09	0.09	1.1	S
6/26/2023 09:53:00	105.3	124.7	19.4	0.00	0.08	0.07	1.1	W
6/26/2023 09:54:00	104.9	99.1	-5.8	0.00	0.07	0.07	1.0	NE
6/26/2023 09:55:00	104.7	108.4	3.7	0.00	0.07	0.07	0.9	ESE
6/26/2023 09:56:00	104.2	111.6	7.5	0.00	0.07	0.07	0.7	NNW
6/26/2023 09:57:00	104.3	115.4	11.1	0.00	0.05	0.05	0.6	N
6/26/2023 09:58:00	101.8	118.0	16.2	0.00	0.02	0.02	0.6	NNE
6/26/2023 09:59:00	88.8	120.1	31.3	0.00	0.01	0.00	0.6	NNW
6/26/2023 10:00:00	72.2	124.2	52.0	0.00	0.01	0.00	0.6	NNW
6/26/2023 10:01:00	84.7	110.1	25.5	0.01	0.00	-0.01	0.6	WNW
6/26/2023 10:02:00	71.4	120.1	48.7	0.03	0.00	-0.02	0.6	NE
6/26/2023 10:03:00	80.4	107.1	26.7	0.03	0.01	-0.02	0.6	SE
6/26/2023 10:04:00	77.8	118.2	40.4	0.03	0.01	-0.02	0.5	ENE
6/26/2023 10:05:00	73.3	91.6	18.3	0.03	0.00	-0.02	0.6	NW
6/26/2023 10:06:00	67.3	103.8	36.5	0.02	0.01	-0.02	0.6	WNW
6/26/2023 10:07:00	78.3	106.6	28.4	0.02	0.01	-0.01	0.6	ESE
6/26/2023 10:08:00	77.9	117.5	39.6	0.04	0.01	-0.02	0.6	N
6/26/2023 10:09:00	93.8	114.7	20.9	0.04	0.02	-0.02	0.6	WNW
6/26/2023 10:10:00	115.1	113.1	-1.9	0.04	0.02	-0.02	0.6	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
6/26/2023 10:11:00	122.1	135.1	13.0	0.04	0.02	-0.02	0.6	SE
6/26/2023 10:12:00	130.2	153.6	23.3	0.04	0.02	-0.02	0.7	SE
6/26/2023 10:13:00	142.8	169.8	27.1	0.04	0.02	-0.02	0.7	NW
6/26/2023 10:14:00	144.9	189.1	44.2	0.04	0.02	-0.02	0.7	NE
6/26/2023 10:15:00	172.1	191.4	19.4	0.04	0.02	-0.02	0.7	WNW
6/26/2023 10:16:00	173.9	188.8	14.9	0.03	0.02	-0.01	0.7	SSE
6/26/2023 10:17:00	170.3	182.1	11.8	0.02	0.02	0.00	0.7	WSW
6/26/2023 10:18:00	170.6	182.4	11.9	0.02	0.02	0.00	0.7	SE
6/26/2023 10:19:00	167.6	185.5	17.9	0.02	0.02	0.00	0.8	NNE
6/26/2023 10:20:00	164.5	196.4	31.9	0.02	0.02	0.00	0.7	ESE
6/26/2023 10:21:00	156.3	192.3	36.0	0.02	0.01	0.00	0.7	NNW
6/26/2023 10:22:00	143.0	192.7	49.7	0.02	0.01	-0.01	0.7	NW
6/26/2023 10:23:00	141.2	183.7	42.5	0.01	0.01	0.00	0.7	NNW
6/26/2023 10:24:00	128.8	182.8	54.0	0.01	0.00	0.00	0.7	ESE
6/26/2023 10:25:00	107.7	174.1	66.4	0.01	0.00	0.00	0.7	ESE
6/26/2023 10:26:00	100.5	148.2	47.7	0.01	0.00	0.00	0.7	E
6/26/2023 10:27:00	93.3	125.8	32.6	0.01	0.00	0.00	0.6	ESE
6/26/2023 10:28:00	81.7	106.9	25.2	0.00	0.00	0.00	0.6	W
6/26/2023 10:29:00	79.5	89.4	10.0	0.00	0.00	0.00	0.6	N
6/26/2023 10:30:00	61.5	83.1	21.5	0.00	0.00	0.00	0.6	WNW
6/26/2023 10:31:00	52.7	74.7	22.0	0.00	0.00	0.00	0.6	WNW
6/26/2023 10:32:00	47.3	71.6	24.2	0.00	0.00	0.00	0.7	WSW
6/26/2023 10:33:00	39.5	65.9	26.3	0.00	0.00	0.00	0.7	SE
6/26/2023 10:34:00	38.2	51.1	12.9	0.00	0.00	-0.01	0.7	ESE
6/26/2023 10:35:00	37.0	32.4	-4.6	0.00	0.00	-0.01	0.7	ESE
6/26/2023 10:36:00	36.6	22.2	-14.4	0.00	0.00	-0.01	0.7	ESE
6/26/2023 10:37:00	36.1	18.0	-18.1	0.00	0.00	-0.01	0.8	ESE
6/26/2023 10:38:00	35.6	15.9	-19.6	0.00	0.00	-0.01	0.8	ESE
6/26/2023 10:39:00	31.9	15.8	-16.1	0.00	0.00	-0.01	0.8	E
6/26/2023 10:40:00	31.7	15.3	-16.4	0.00	0.00	0.00	0.9	N
6/26/2023 10:41:00	33.7	14.8	-18.9	0.01	0.00	0.00	0.8	ESE
6/26/2023 10:42:00	32.6	27.1	-5.6	0.01	0.00	0.00	0.8	NW
6/26/2023 10:43:00	33.0	27.0	-6.0	0.01	0.00	0.00	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
6/26/2023 10:44:00	33.0	24.2	-8.9	0.01	0.00	0.00	0.8	NNW
6/26/2023 10:45:00	23.9	24.8	0.9	0.01	0.00	0.00	0.8	NW
6/26/2023 10:46:00	18.5	25.1	6.6	0.01	0.00	0.00	0.8	WNW
6/26/2023 10:47:00	15.7	25.1	9.4	0.00	0.00	0.00	0.8	N
6/26/2023 10:48:00	13.3	24.9	11.6	0.00	0.00	0.00	0.8	NNE
6/26/2023 10:49:00	13.2	25.2	12.1	0.00	0.00	0.00	0.8	ESE
6/26/2023 10:50:00	14.0	25.3	11.3	0.00	0.00	0.00	0.8	E
6/26/2023 10:51:00	14.6	25.6	11.1	0.00	0.00	0.00	0.8	E
6/26/2023 10:52:00	14.5	25.9	11.3	0.00	0.00	0.00	0.8	ESE
6/26/2023 10:53:00	14.7	25.8	11.1	0.00	0.00	0.00	0.8	E
6/26/2023 10:54:00				0.00	0.00	0.00	0.8	SW
6/26/2023 10:55:00				0.00	0.00	0.00	0.8	SE
6/26/2023 10:56:00	8.1	0.0	-8.1	0.00	0.00	0.00	0.8	WNW
6/26/2023 10:57:00	8.3	3.3	-4.9	0.00	0.00	0.00	0.8	NW
6/26/2023 10:58:00	7.7	5.1	-2.6	0.00	0.00	0.00	0.8	SE
6/26/2023 10:59:00	7.4	6.0	-1.4	0.00	0.00	0.00	0.8	SSE
6/26/2023 11:00:00	7.5	5.9	-1.6	0.00	0.00	0.00	0.9	NW
6/26/2023 11:01:00	7.3	6.3	-1.0	0.00	0.00	0.00	0.9	SW
6/26/2023 11:02:00	7.2	6.5	-0.7	0.00	0.00	0.00	0.8	SW
6/26/2023 11:03:00	7.3	6.5	-0.8	0.00	0.00	0.00	0.8	NNW
6/26/2023 11:04:00	7.2	6.7	-0.6	0.00	0.00	0.00	0.8	WNW
6/26/2023 11:05:00	7.1	6.8	-0.3	0.00	0.00	0.00	0.8	SSE
6/26/2023 11:06:00	7.0	6.9	-0.1	0.00	0.00	0.00	0.8	WSW
6/26/2023 11:07:00	7.0	6.8	-0.2	0.00	0.00	0.00	0.7	NNW
6/26/2023 11:08:00	7.0	6.9	-0.1	0.00	0.00	0.00	0.7	SW
6/26/2023 11:09:00	7.0	7.0	0.0	0.00	0.00	0.00	0.6	SE
6/26/2023 11:10:00	6.9	7.1	0.1	0.00	0.00	0.00	0.6	SSE
6/26/2023 11:11:00	6.8	7.6	0.8	0.00	0.00	0.00	0.7	ESE
6/26/2023 11:12:00	6.8	7.6	0.8	0.00	0.00	0.00	0.7	WNW
6/26/2023 11:13:00	6.8	7.4	0.6	0.00	0.00	0.00	0.7	NW
6/26/2023 11:14:00	6.8	7.3	0.5	0.00	0.00	0.00	0.7	ESE
6/26/2023 11:15:00	6.6	7.4	0.8	0.00	0.00	0.00	0.7	SE
6/26/2023 11:16:00	6.7	7.3	0.6	0.00	0.00	0.00	0.7	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
6/26/2023 11:17:00	6.8	7.3	0.5	0.00	0.00	0.00	0.7	W
6/26/2023 11:18:00	6.9	7.4	0.5	0.00	0.00	0.00	0.7	S
6/26/2023 11:19:00	7.2	7.6	0.4	0.00	0.00	0.00	0.7	W
6/26/2023 11:20:00	7.4	7.5	0.1	0.00	0.00	0.00	0.7	WNW
6/26/2023 11:21:00	7.5	7.5	0.0	0.00	0.00	0.00	0.7	WNW
6/26/2023 11:22:00	7.4	7.6	0.1	0.00	0.00	0.00	0.7	WSW
6/26/2023 11:23:00	7.5	7.5	0.0	0.00	0.00	0.00	0.7	NW
6/26/2023 11:24:00	7.8	7.4	-0.3	0.00	0.00	0.00	0.7	NNE
6/26/2023 11:25:00	7.9	8.3	0.5	0.00	0.00	0.00	0.7	SE
6/26/2023 11:26:00	8.0	9.2	1.3	0.00	0.00	0.00	0.8	W
6/26/2023 11:27:00	8.2	9.3	1.1	0.00	0.00	0.00	0.8	NNE
6/26/2023 11:28:00	8.6	9.6	0.9	0.00	0.00	0.00	0.8	E
6/26/2023 11:29:00	9.1	9.9	0.8	0.00	0.00	0.00	0.8	NE
6/26/2023 11:30:00	9.3	10.0	0.7	0.00	0.00	0.00	0.8	SW
6/26/2023 11:31:00	9.4	10.1	0.7	0.00	0.00	0.00	0.9	WNW
6/26/2023 11:32:00	9.5	10.2	0.7	0.00	0.00	0.00	1.0	WNW
6/26/2023 11:33:00	9.4	10.1	0.7	0.00	0.00	0.00	1.0	NNE
6/26/2023 11:34:00	9.7	10.0	0.3	0.01	0.00	-0.01	1.0	ESE
6/26/2023 11:35:00	9.8	10.0	0.2	0.02	0.00	-0.02	1.0	NE
6/26/2023 11:36:00	9.8	10.3	0.5	0.02	0.00	-0.01	1.0	SE
6/26/2023 11:37:00	9.9	10.6	0.7	0.02	0.00	-0.01	1.0	SE
6/26/2023 11:38:00	10.2	10.7	0.5	0.02	0.00	-0.01	1.0	ESE
6/26/2023 11:39:00	10.5	10.9	0.4	0.02	0.00	-0.01	0.9	NW
6/26/2023 11:40:00	10.6	10.0	-0.7	0.02	0.00	-0.01	1.0	NW
6/26/2023 11:41:00	10.8	9.1	-1.8	0.02	0.00	-0.02	0.9	NW
6/26/2023 11:42:00	10.7	9.1	-1.7	0.02	0.00	-0.01	0.9	NNE
6/26/2023 11:43:00	10.4	9.2	-1.2	0.02	0.00	-0.01	0.9	ESE
6/26/2023 11:44:00	10.3	9.1	-1.2	0.02	0.00	-0.01	0.9	ESE
6/26/2023 11:45:00	10.4	9.2	-1.3	0.02	0.00	-0.01	0.9	NNW
6/26/2023 11:46:00	10.6	9.4	-1.2	0.02	0.00	-0.01	0.9	NW
6/26/2023 11:47:00	11.0	9.5	-1.5	0.02	0.00	-0.01	0.8	ESE
6/26/2023 11:48:00	11.0	9.7	-1.2	0.02	0.00	-0.01	0.8	SSE
6/26/2023 11:49:00	10.8	10.0	-0.7	0.01	0.00	0.00	0.8	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/26/2023 11:50:00	10.7	10.2	-0.5	0.00	0.00	0.00	0.8	E
6/26/2023 11:51:00	11.0	10.1	-0.9	0.00	0.00	0.00	0.8	E
6/26/2023 11:52:00	11.3	9.9	-1.4	0.00	0.00	0.00	0.8	E
6/26/2023 11:53:00	11.2	10.0	-1.2	0.00	0.00	0.00	0.8	ENE
6/26/2023 11:54:00	10.9	10.1	-0.8	0.00	0.00	0.00	0.8	SW
6/26/2023 11:55:00	11.0	10.2	-0.8	0.00	0.00	0.00	0.8	NNE
6/26/2023 11:56:00	10.9	10.5	-0.4	0.00	0.00	0.00	0.9	SE
6/26/2023 11:57:00	11.1	10.6	-0.5	0.00	0.00	0.00	0.8	ESE
6/26/2023 11:58:00	11.3	10.6	-0.7	0.00	0.00	0.00	0.8	NW
6/26/2023 11:59:00	11.4	10.6	-0.8	0.00	0.00	0.00	0.8	E
6/26/2023 12:00:00	11.5	10.6	-0.9	0.00	0.00	0.00	0.8	ESE
6/26/2023 12:01:00	11.6	10.6	-1.0	0.00	0.00	0.00	0.8	E
6/26/2023 12:02:00	11.7	10.6	-1.0	0.00	0.00	0.00	0.8	ESE
6/26/2023 12:03:00	11.9	10.6	-1.4	0.00	0.00	0.00	0.8	ESE
6/26/2023 12:04:00	12.3	10.6	-1.6	0.00	0.00	0.00	0.8	E
6/26/2023 12:05:00	12.5	10.8	-1.7	0.00	0.00	0.00	0.8	NE
6/26/2023 12:06:00	12.7	10.9	-1.8	0.00	0.00	0.00	0.8	ENE
6/26/2023 12:07:00	12.8	11.1	-1.7	0.00	0.00	0.00	0.8	NW
6/26/2023 12:08:00	12.9	11.2	-1.7	0.00	0.00	0.00	0.8	NW
6/26/2023 12:09:00	13.2	11.3	-2.0	0.00	0.00	0.00	0.8	NW
6/26/2023 12:10:00	13.4	11.3	-2.1	0.00	0.00	0.00	0.8	ENE
6/26/2023 12:11:00	14.6	11.2	-3.5	0.00	0.00	0.00	0.8	ESE
6/26/2023 12:12:00	14.9	11.2	-3.7	0.00	0.00	0.00	0.8	NE
6/26/2023 12:13:00	14.8	11.4	-3.4	0.00	0.00	0.00	0.8	SE
6/26/2023 12:14:00	14.9	11.5	-3.4	0.00	0.00	0.00	0.8	NE
6/26/2023 12:15:00	14.8	11.7	-3.1	0.00	0.00	0.00	0.8	W
6/26/2023 12:16:00	15.1	11.7	-3.5	0.00	0.00	0.00	0.8	E
6/26/2023 12:17:00	15.2	11.7	-3.5	0.00	0.00	0.00	0.8	E
6/26/2023 12:18:00	15.3	11.6	-3.7	0.00	0.00	0.00	0.8	ESE
6/26/2023 12:19:00	15.3	11.6	-3.7	0.00	0.00	0.00	0.8	NNW
6/26/2023 12:20:00	15.3	11.6	-3.7	0.00	0.00	0.00	0.8	ENE
6/26/2023 12:21:00	15.4	11.5	-3.9	0.00	0.00	0.00	0.8	E
6/26/2023 12:22:00	15.4	11.5	-4.0	0.00	0.00	0.00	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
6/26/2023 12:23:00	15.4	11.5	-4.0	0.00	0.00	0.00	0.9	ESE
6/26/2023 12:24:00	15.2	11.5	-3.7	0.00	0.00	0.00	0.9	W
6/26/2023 12:25:00	14.9	11.6	-3.3	0.00	0.00	0.00	0.9	SSE
6/26/2023 12:26:00	13.9	11.6	-2.3	0.00	0.00	0.00	0.9	E
6/26/2023 12:27:00	13.8	11.6	-2.2	0.00	0.00	0.00	0.9	ENE
6/26/2023 12:28:00	13.7	11.4	-2.3	0.00	0.00	0.00	0.9	W
6/26/2023 12:29:00	13.4	11.4	-2.0	0.00	0.00	0.00	0.9	SSE
6/26/2023 12:30:00	13.4	11.6	-1.8	0.00	0.00	0.00	0.9	ESE
6/26/2023 12:31:00	12.9	11.5	-1.4	0.00	0.00	0.00	0.9	NW
6/26/2023 12:32:00	12.7	11.5	-1.2	0.00	0.00	0.00	0.9	E
6/26/2023 12:33:00	12.2	11.9	-0.4	0.00	0.00	0.00	0.9	ESE
6/26/2023 12:34:00	12.1	13.2	1.1	0.00	0.00	0.00	1.0	ESE
6/26/2023 12:35:00	14.9	15.0	0.2	0.00	0.00	0.00	1.0	ESE
6/26/2023 12:36:00	14.9	15.9	1.0	0.00	0.00	0.00	1.0	WNW
6/26/2023 12:37:00	15.4	16.0	0.6	0.00	0.00	0.00	1.0	NE
6/26/2023 12:38:00	17.1	16.0	-1.1	0.00	0.00	0.00	0.9	E
6/26/2023 12:39:00	17.4	15.8	-1.6	0.00	0.00	0.00	0.9	E
6/26/2023 12:40:00	17.8	15.7	-2.1	0.00	0.00	0.00	0.9	E
6/26/2023 12:41:00	17.8	15.7	-2.1	0.00	0.00	0.00	0.9	ESE
6/26/2023 12:42:00	17.6	15.6	-1.9	0.00	0.00	0.00	0.9	WNW
6/26/2023 12:43:00	17.9	16.5	-1.4	0.00	0.00	0.00	0.8	E
6/26/2023 12:44:00	18.6	17.8	-0.7	0.00	0.00	0.00	0.8	NW
6/26/2023 12:45:00	19.6	17.6	-2.0	0.00	0.00	0.00	0.8	ENE
6/26/2023 12:46:00	20.3	18.2	-2.1	0.00	0.00	0.00	0.8	ESE
6/26/2023 12:47:00	28.4	19.4	-9.0	0.00	0.00	0.00	0.8	E
6/26/2023 12:48:00	28.8	19.9	-8.9	0.00	0.00	0.00	0.8	ESE
6/26/2023 12:49:00	28.9	18.9	-10.0	0.00	0.00	0.00	0.8	SE
6/26/2023 12:50:00	26.2	17.5	-8.7	0.00	0.00	0.00	0.8	ESE
6/26/2023 12:51:00	26.0	17.2	-8.7	0.00	0.00	0.00	0.8	S
6/26/2023 12:52:00	25.3	17.3	-8.0	0.00	0.00	0.00	0.8	ESE
6/26/2023 12:53:00	23.5	17.3	-6.3	0.00	0.00	0.00	0.8	E
6/26/2023 12:54:00	23.3	17.2	-6.0	0.00	0.00	0.00	0.8	E
6/26/2023 12:55:00	22.9	17.2	-5.7	0.00	0.00	0.00	0.8	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/26/2023 12:56:00	22.9	17.3	-5.7	0.00	0.00	0.00	0.9	SE
6/26/2023 12:57:00	22.9	17.4	-5.4	0.00	0.00	0.00	0.9	WNW
6/26/2023 12:58:00	22.7	16.4	-6.3	0.00	0.00	0.00	0.9	E
6/26/2023 12:59:00	22.0	15.1	-6.9	0.00	0.00	0.00	0.9	S
6/26/2023 13:00:00	21.0	15.0	-5.9	0.00	0.00	0.00	0.9	ESE
6/26/2023 13:01:00	20.8	14.4	-6.3	0.00	0.00	0.00	0.9	ESE
6/26/2023 13:02:00	12.7	13.2	0.5	0.00	0.00	0.00	1.0	ESE
6/26/2023 13:03:00	12.4	12.3	-0.1	0.00	0.00	0.00	0.9	ENE
6/26/2023 13:04:00	12.0	11.8	-0.3	0.00	0.00	0.00	0.9	SE
6/26/2023 13:05:00	11.7	11.1	-0.6	0.00	0.00	0.00	0.9	ENE
6/26/2023 13:06:00	11.7	10.7	-0.9	0.00	0.00	0.00	0.9	ENE
6/26/2023 13:07:00	11.6	10.6	-1.0	0.00	0.00	0.00	0.9	E
6/26/2023 13:08:00	11.4	10.5	-0.9	0.00	0.00	0.00	0.9	ESE
6/26/2023 13:09:00	11.3	10.4	-0.9	0.00	0.00	0.00	0.9	ESE
6/26/2023 13:10:00	11.1	10.4	-0.7	0.00	0.00	0.00	0.9	SE
6/26/2023 13:11:00	11.0	10.3	-0.6	0.00	0.00	0.00	0.9	ESE
6/26/2023 13:12:00	10.9	10.9	0.0	0.00	0.00	0.00	0.9	E
6/26/2023 13:13:00	10.6	14.1	3.5	0.00	0.00	0.00	0.9	ESE
6/26/2023 13:14:00	10.6	14.4	3.8	0.00	0.00	0.00	0.9	E
6/26/2023 13:15:00	10.7	14.5	3.9	0.00	0.00	0.00	0.9	NW
6/26/2023 13:16:00	10.7	14.6	3.8	0.00	0.00	0.00	0.9	WNW
6/26/2023 13:17:00	10.6	15.0	4.3	0.00	0.00	0.00	0.9	WNW
6/26/2023 13:18:00	10.7	15.4	4.7	0.00	0.00	0.00	1.0	NW
6/26/2023 13:19:00	11.0	15.5	4.5	0.00	0.00	0.00	1.1	W
6/26/2023 13:20:00	11.0	16.1	5.1	0.00	0.00	0.00	1.2	NW
6/26/2023 13:21:00	10.9	16.1	5.2	0.00	0.00	0.00	1.4	NW
6/26/2023 13:22:00	11.0	16.4	5.3	0.00	0.00	0.00	1.5	WNW
6/26/2023 13:23:00	11.5	17.0	5.5	0.00	0.00	0.00	1.6	NW
6/26/2023 13:24:00	12.0	17.2	5.2	0.00	0.00	0.00	1.7	SW
6/26/2023 13:25:00	12.7	17.3	4.6	0.00	0.00	0.00	1.7	W
6/26/2023 13:26:00	14.0	17.5	3.6	0.00	0.00	0.00	1.8	W
6/26/2023 13:27:00	14.6	17.0	2.4	0.00	0.00	0.00	1.8	SW
6/26/2023 13:28:00	15.4	15.0	-0.4	0.00	0.00	0.00	1.8	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
6/26/2023 13:29:00	16.3	14.8	-1.6	0.00	0.00	0.00	1.8	NE
6/26/2023 13:30:00	16.4	14.7	-1.7	0.00	0.00	0.00	1.8	SE
6/26/2023 13:31:00	15.9	14.8	-1.1	0.00	0.00	0.00	1.8	NNW
6/26/2023 13:32:00	15.9	14.8	-1.1	0.00	0.00	0.00	1.8	SE
6/26/2023 13:33:00	16.2	15.3	-0.9	0.00	0.00	0.00	1.7	NNE
6/26/2023 13:34:00	16.1	15.8	-0.3	0.00	0.00	0.00	1.6	ENE
6/26/2023 13:35:00	16.2	15.6	-0.6	0.00	0.00	0.00	1.5	E
6/26/2023 13:36:00	16.5	15.7	-0.7	0.00	0.00	0.00	1.4	SE
6/26/2023 13:37:00	16.8	15.3	-1.5	0.00	0.00	0.00	1.2	WNW
6/26/2023 13:38:00	16.6	14.9	-1.7	0.00	0.00	0.00	1.2	WNW
6/26/2023 13:39:00	16.3	15.1	-1.2	0.00	0.00	0.00	1.0	SSE
6/26/2023 13:40:00	16.0	15.0	-1.0	0.00	0.00	0.00	1.0	NNW
6/26/2023 13:41:00	14.9	14.6	-0.3	0.00	0.00	0.00	0.9	NW
6/26/2023 13:42:00	14.3	14.9	0.6	0.00	0.00	0.00	0.9	WNW
6/26/2023 13:43:00	13.5	14.1	0.6	0.00	0.00	0.00	0.9	ESE
6/26/2023 13:44:00	12.7	14.0	1.4	0.00	0.00	0.00	0.9	ESE
6/26/2023 13:45:00	12.6	13.9	1.3	0.00	0.00	0.00	0.9	ENE
6/26/2023 13:46:00	12.5	13.8	1.3	0.00	0.00	0.00	0.9	E
6/26/2023 13:47:00	12.7	13.4	0.7	0.00	0.00	0.00	0.9	E
6/26/2023 13:48:00	12.2	12.7	0.5	0.00	0.00	0.00	0.9	SE
6/26/2023 13:49:00	11.9	12.2	0.3	0.00	0.00	0.00	0.8	SSE
6/26/2023 13:50:00	11.9	11.9	0.0	0.00	0.00	0.00	0.8	WNW
6/26/2023 13:51:00	11.8	11.5	-0.2	0.00	0.00	0.00	0.8	E
6/26/2023 13:52:00	11.4	11.4	0.0	0.00	0.00	0.00	0.8	E
6/26/2023 13:53:00	11.2	11.2	0.0	0.00	0.00	0.00	0.8	ESE
6/26/2023 13:54:00	11.2	11.0	-0.2	0.00	0.00	0.00	0.8	ESE
6/26/2023 13:55:00	10.9	11.2	0.3	0.00	0.00	0.00	0.8	ESE
6/26/2023 13:56:00	10.9	11.3	0.4	0.00	0.00	0.00	0.8	ENE
6/26/2023 13:57:00	10.9	11.0	0.1	0.00	0.00	0.00	0.8	WNW
6/26/2023 13:58:00	11.0	10.6	-0.5	0.00	0.00	0.00	0.8	WNW
6/26/2023 13:59:00	11.2	10.4	-0.8	0.00	0.00	0.00	0.8	NNW
6/26/2023 14:00:00	11.3	10.5	-0.8	0.00	0.00	0.00	0.8	ESE
6/26/2023 14:01:00	12.3	15.4	3.0	0.00	0.00	0.00	0.8	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/26/2023 14:02:00	21.7	17.8	-3.9	0.00	0.00	0.00	0.8	NE
6/26/2023 14:03:00	22.6	67.9	45.3	0.00	0.00	0.00	0.8	SSW
6/26/2023 14:04:00	22.8	77.2	54.4	0.00	0.00	0.00	0.8	ESE
6/26/2023 14:05:00	23.5	79.3	55.9	0.00	0.01	0.00	0.8	S
6/26/2023 14:06:00	24.7	80.6	55.9	0.00	0.01	0.01	0.8	W
6/26/2023 14:07:00	24.8	81.8	57.0	0.00	0.01	0.01	0.8	WNW
6/26/2023 14:08:00	24.7	85.4	60.7	0.00	0.01	0.01	0.8	W
6/26/2023 14:09:00	24.6	86.7	62.1	0.00	0.01	0.01	0.9	SE
6/26/2023 14:10:00	24.9	86.6	61.7	0.00	0.01	0.01	0.8	WNW
6/26/2023 14:11:00	24.8	86.6	61.8	0.00	0.01	0.01	0.8	NNW
6/26/2023 14:12:00	25.0	86.5	61.5	0.00	0.01	0.01	0.8	NE
6/26/2023 14:13:00	25.1	86.6	61.5	0.00	0.01	0.01	0.8	ESE
6/26/2023 14:14:00	24.8	86.8	62.0	0.00	0.01	0.01	0.8	WNW
6/26/2023 14:15:00	24.6	86.8	62.2	0.00	0.01	0.01	0.8	S
6/26/2023 14:16:00	23.7	81.9	58.2	0.00	0.01	0.01	0.8	NE
6/26/2023 14:17:00	14.4	79.4	65.1	0.00	0.01	0.01	0.8	NE
6/26/2023 14:18:00	13.6	29.2	15.6	0.00	0.01	0.01	0.8	NW
6/26/2023 14:19:00	13.5	19.6	6.1	0.00	0.01	0.00	0.8	NNW
6/26/2023 14:20:00	12.7	17.5	4.8	0.00	0.00	0.00	0.8	ENE
6/26/2023 14:21:00	11.5	16.4	4.9	0.00	0.00	0.00	0.8	SW
6/26/2023 14:22:00	11.7	15.4	3.7	0.00	0.00	0.00	0.8	ESE
6/26/2023 14:23:00	11.9	11.9	0.0	0.01	0.00	0.00	0.8	E
6/26/2023 14:24:00	11.9	10.6	-1.4	0.01	0.00	0.00	0.7	NE
6/26/2023 14:25:00	11.8	10.5	-1.3	0.01	0.00	0.00	0.7	ESE
6/26/2023 14:26:00	11.7	11.2	-0.5	0.01	0.00	0.00	0.7	ESE
6/26/2023 14:27:00	11.9	11.2	-0.7	0.01	0.00	0.00	0.7	WNW
6/26/2023 14:28:00	11.6	11.3	-0.3	0.00	0.00	0.00	0.7	WNW
6/26/2023 14:29:00	11.8	11.0	-0.8	0.00	0.00	0.00	0.7	WNW
6/26/2023 14:30:00	11.9	10.8	-1.1	0.00	0.00	-0.01	0.9	WNW
6/26/2023 14:31:00	11.6	10.9	-0.7	0.00	0.00	0.00	0.9	WSW
6/26/2023 14:32:00	11.5	10.9	-0.6	0.00	0.00	0.00	0.9	WNW
6/26/2023 14:33:00	11.5	10.9	-0.6	0.00	0.00	0.00	0.9	N
6/26/2023 14:34:00	11.4	11.0	-0.4	0.00	0.00	0.00	0.9	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
6/26/2023 14:35:00	11.5	11.0	-0.5	0.00	0.00	0.00	0.9	NNE
6/26/2023 14:36:00	11.4	10.8	-0.5	0.00	0.00	0.00	0.9	W
6/26/2023 14:37:00	11.1	10.8	-0.3	0.00	0.00	0.00	0.9	ENE
6/26/2023 14:38:00	10.9	10.8	-0.1	0.00	0.00	0.00	0.9	NW
6/26/2023 14:39:00	10.9	10.8	-0.1	0.00	0.00	0.00	0.9	ENE
6/26/2023 14:40:00	11.2	11.0	-0.2	0.00	0.00	0.00	0.9	NW
6/26/2023 14:41:00	11.4	10.6	-0.8	0.00	0.00	0.00	0.9	WNW
6/26/2023 14:42:00	11.4	10.8	-0.6	0.00	0.00	0.00	0.9	WNW
6/26/2023 14:43:00	11.8	11.0	-0.8	0.00	0.00	0.00	0.9	N
6/26/2023 14:44:00	11.9	11.5	-0.4	0.00	0.00	0.00	0.9	WSW
6/26/2023 14:45:00	12.2	11.7	-0.5	0.00	0.00	0.00	0.7	ESE
6/26/2023 14:46:00	12.5	11.9	-0.7	0.00	0.00	0.00	0.6	NNW
6/26/2023 14:47:00	12.5	12.3	-0.3	0.00	0.00	0.00	0.6	SE
6/26/2023 14:48:00	12.5	12.7	0.2	0.00	0.00	0.00	0.6	SE
6/26/2023 14:49:00	12.9	12.7	-0.2	0.00	0.00	0.00	0.6	E
6/26/2023 14:50:00	12.9	13.1	0.2	0.00	0.00	0.00	0.7	ESE
6/26/2023 14:51:00	13.1	12.4	-0.8	0.00	0.00	0.00	0.7	ESE
6/26/2023 14:52:00	13.1	11.7	-1.4	0.00	0.00	0.00	0.7	ESE
6/26/2023 14:53:00				0.00	0.00	0.00	0.7	NW
6/26/2023 14:54:00				0.00	0.00	0.00	0.7	E
6/26/2023 14:55:00				0.00	0.00	0.00	0.7	E
6/26/2023 14:56:00	10.8	13.1	2.2	0.00	0.00	0.00	0.8	NE
6/26/2023 14:57:00	10.7	13.2	2.5	0.00	0.00	0.00	0.8	ESE
6/26/2023 14:58:00	10.9	13.1	2.2	0.00	0.00	0.00	0.8	NNE
6/26/2023 14:59:00	11.1	13.2	2.1	0.00	0.00	0.00	0.8	WSW
6/26/2023 15:00:00	11.1	12.8	1.6	0.00	0.00	0.00	0.8	ESE
6/26/2023 15:01:00	11.1	12.4	1.3	0.00	0.00	0.00	0.8	SE
6/26/2023 15:02:00	11.1	12.3	1.3	0.00	0.00	0.00	0.9	ESE
6/26/2023 15:03:00	12.6	12.5	-0.1	0.00	0.00	0.00	0.9	NW
6/26/2023 15:04:00	12.6	41.7	29.1	0.00	0.00	0.00	1.0	W
6/26/2023 15:05:00	13.2	51.8	38.6	0.00	0.00	0.00	1.0	WNW
6/26/2023 15:06:00	16.1	51.8	35.6	0.00	0.00	0.00	1.0	ESE
6/26/2023 15:07:00	17.5	49.6	32.0	0.00	0.00	0.00	1.1	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
6/26/2023 15:08:00	17.1	47.2	30.1	0.00	0.00	0.00	1.1	WNW
6/26/2023 15:09:00	16.7	44.7	28.0	0.00	0.00	0.00	1.1	NE
6/26/2023 15:10:00	16.3	42.6	26.3	0.00	0.00	0.00	1.1	ESE
6/26/2023 15:11:00	16.4	42.4	26.0	0.00	0.00	0.00	1.1	SE
6/26/2023 15:12:00	16.4	42.4	26.0	0.00	0.00	0.00	1.0	NE
6/26/2023 15:13:00	16.5	42.4	25.9	0.00	0.00	0.00	1.0	N
6/26/2023 15:14:00	16.5	42.3	25.8	0.00	0.00	0.00	1.0	NNW
6/26/2023 15:15:00	16.5	42.3	25.8	0.00	0.00	0.00	1.0	WNW
6/26/2023 15:16:00	16.5	42.4	25.9	0.00	0.00	0.00	1.0	E
6/26/2023 15:17:00	16.6	42.4	25.8	0.00	0.00	0.00	1.0	ESE
6/26/2023 15:18:00	15.8	42.3	26.5	0.00	0.00	0.00	1.0	WNW
6/26/2023 15:19:00	15.9	24.7	8.8	0.00	0.00	0.00	0.9	W
6/26/2023 15:20:00	15.5	16.1	0.6	0.00	0.00	0.00	0.9	WSW
6/26/2023 15:21:00	13.3	13.5	0.1	0.00	0.00	0.00	0.9	ENE
6/26/2023 15:22:00	12.0	12.7	0.7	0.00	0.00	0.00	0.8	SSE
6/26/2023 15:23:00	12.0	12.3	0.3	0.00	0.00	0.00	0.8	WSW
6/26/2023 15:24:00	12.2	12.3	0.1	0.00	0.00	0.00	0.8	WSW
6/26/2023 15:25:00	12.3	12.3	0.1	0.00	0.00	0.00	0.8	NNW
6/26/2023 15:26:00	12.3	12.4	0.1	0.00	0.00	0.00	0.8	WNW
6/26/2023 15:27:00	12.3	12.3	-0.1	0.00	0.00	0.00	0.9	WNW
6/26/2023 15:28:00	12.3	12.3	0.0	0.00	0.00	0.00	0.9	WNW
6/26/2023 15:29:00	12.4	12.3	-0.1	0.00	0.00	0.00	1.0	NW
6/26/2023 15:30:00	12.5	12.4	0.0	0.00	0.00	0.00	1.0	WSW
6/26/2023 15:31:00	12.5	12.4	-0.1	0.00	0.00	0.00	1.0	NW
6/26/2023 15:32:00	12.5	12.5	0.0	0.00	0.00	0.00	1.0	SE
6/26/2023 15:33:00	12.6	12.5	-0.1	0.00	0.00	0.00	0.9	E
6/26/2023 15:34:00	12.6	12.5	-0.1	0.00	0.00	0.00	1.0	WSW
6/26/2023 15:35:00	12.5	12.4	-0.1	0.00	0.00	0.00	1.0	SW
6/26/2023 15:36:00	12.5	12.4	-0.1	0.00	0.00	0.00	1.0	SE
6/26/2023 15:37:00	12.5	12.3	-0.1	0.00	0.00	0.00	1.0	E
6/26/2023 15:38:00	12.5	12.3	-0.2	0.00	0.00	0.00	1.0	NNE
6/26/2023 15:39:00	12.4	12.3	-0.1	0.00	0.00	0.00	1.0	ESE
6/26/2023 15:40:00	12.4	12.3	-0.2	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
6/26/2023 15:41:00	12.5	12.4	-0.1	0.00	0.00	0.00	1.0	SE
6/26/2023 15:42:00	12.5	12.5	-0.1	0.00	0.00	0.00	1.0	SSE
6/26/2023 15:43:00	12.6	12.5	0.0	0.00	0.00	0.00	0.9	NNE
6/26/2023 15:44:00	12.6	12.5	0.0	0.00	0.00	0.00	0.9	ESE
6/26/2023 15:45:00	12.6	12.5	-0.1	0.00	0.00	0.00	0.9	WSW
6/26/2023 15:46:00	12.6	12.6	0.0	0.00	0.00	0.00	0.9	WNW
6/26/2023 15:47:00	12.7	12.6	-0.1	0.00	0.00	0.00	0.9	NNW
6/26/2023 15:48:00	12.6	12.6	0.0	0.00	0.00	0.00	1.0	E
6/26/2023 15:49:00	12.7	12.6	-0.1	0.00	0.00	0.00	0.9	WNW
6/26/2023 15:50:00	12.8	12.7	-0.1	0.00	0.00	0.00	1.0	SSE
6/26/2023 15:51:00	12.8	12.7	-0.1	0.00	0.00	0.00	0.9	ESE
6/26/2023 15:52:00	12.9	12.7	-0.2	0.00	0.00	0.00	0.9	NNW
6/26/2023 15:53:00	12.9	12.6	-0.2	0.00	0.00	0.00	1.0	WNW
6/26/2023 15:54:00	12.8	12.6	-0.2	0.00	0.00	0.00	1.0	NNW
6/26/2023 15:55:00	12.8	12.7	-0.1	0.00	0.00	0.00	1.0	NNE
6/26/2023 15:56:00	12.8	12.6	-0.2	0.00	0.00	0.00	1.1	NW
6/26/2023 15:57:00	12.7	12.6	-0.2	0.00	0.00	0.00	1.1	WNW
6/26/2023 15:58:00	12.7	12.5	-0.2	0.00	0.00	0.00	1.1	WNW
6/26/2023 15:59:00	12.6	12.5	-0.1	0.00	0.00	0.00	1.2	WNW
6/26/2023 16:00:00	12.5	12.4	-0.1	0.00	0.00	0.00	1.2	NW
6/26/2023 16:01:00	12.5	12.3	-0.2	0.00	0.00	0.00	1.2	SW
6/26/2023 16:02:00	12.4	12.2	-0.1	0.00	0.00	0.00	1.2	E
6/26/2023 16:03:00	12.3	12.2	-0.1	0.00	0.00	0.00	1.2	W
6/26/2023 16:04:00	12.2	12.2	0.0	0.00	0.00	0.00	1.1	NW
6/26/2023 16:05:00	12.2	12.1	-0.1	0.00	0.00	0.00	1.1	NNW
6/26/2023 16:06:00	12.1	12.2	0.1	0.00	0.00	0.00	1.1	NW
6/26/2023 16:07:00	12.0	12.1	0.2	0.00	0.00	0.00	1.2	W
6/26/2023 16:08:00	11.9	12.1	0.2	0.00	0.00	0.00	1.1	W
6/26/2023 16:09:00	11.9	12.1	0.2	0.00	0.00	0.00	1.1	WNW
6/26/2023 16:10:00	11.8	12.0	0.2	0.00	0.00	0.00	1.1	SSE
6/26/2023 16:11:00	11.8	12.0	0.2	0.00	0.00	0.00	1.1	ESE
6/26/2023 16:12:00	11.8	11.9	0.2	0.00	0.00	0.00	1.0	W
6/26/2023 16:13:00	11.8	11.9	0.1	0.00	0.00	0.00	1.0	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/26/2023 16:14:00	11.8	11.9	0.1	0.00	0.00	0.00	1.0	S
6/26/2023 16:15:00	11.7	11.9	0.2	0.00	0.00	0.00	1.0	SE
6/26/2023 16:16:00	11.7	11.9	0.2	0.00	0.00	0.00	1.0	WNW
6/26/2023 16:17:00	11.7	12.0	0.3	0.00	0.00	0.00	1.0	WSW
6/26/2023 16:18:00	11.7	12.0	0.3	0.00	0.00	0.00	1.0	SE
6/26/2023 16:19:00	11.7	12.1	0.3	0.00	0.00	0.00	1.0	W
6/26/2023 16:20:00	11.8	12.0	0.3	0.00	0.00	0.00	1.1	NE
6/26/2023 16:21:00	11.8	11.2	-0.6	0.00	0.00	0.00	1.1	NW
6/26/2023 16:22:00	12.0	10.4	-1.5	0.00	0.00	0.00	1.1	NW