

DAILY FIELD REPORT 014

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

Prepared By: LANGAN

BCP Project No:	C231153	Date:	June 23, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	7:00 am to 4:00 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

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

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

Foundation Contractor: Urban Foundation/Engineering (Urban)

Tank Removal: Brookside Environmental, Inc. (Brookside)

Work Activities Performed:

- Urban excavated an about 20-foot-long by 15-foot-wide area to about 10-feet below grade surface (bgs) in the western part of waste characterization grids WC04_0-5 and WC04_5-10 and the eastern part of waste characterization grids WC05_0-5 and WC05_5-10. The excavation was completed to observe the subsurface conditions beneath the former 3,000-gallon closed-in-place underground storage tank (UST). Excavated soil/fill was temporarily stockpiled adjacent to the excavation prior to being replaced into the excavation area on top of polyethylene sheeting as a demarcation barrier.
- Urban graded an about 10-foot-long by 10-foot-wide area in the southern part of waste characterization grid WC02 and WC03.
- All 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 installed five, about 38-inch-diameter, soil-mix columns using a Bauer BG 28H drilling rig in the northwestern part of the site.

Material Tracking:

- The following material was exported from the site:
 - One load of soil/fill from waste characterization grids WC04_0-5 and WC04_5-10 to the Bayshore Soil Management facility located in Keasbey, NJ.
 - One load of concrete and demolition (C&D) debris was exported to the Faztec Solutions facility in Staten Island, NY.
- No material was imported to the site.

Materials Export Summary

Facility Name	<i>Bayshore Soil Management, LLC</i>		<i>Clean Earth of Carteret, LLC</i>		<i>PPark NJ</i>		<i>Faztec Solutions</i>	
Location	<i>Keasbey, NJ</i>		<i>Carteret, NJ</i>		<i>Prospect Park, NJ</i>		<i>Staten Island, NY</i>	
Type of Waste	<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>C&D</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
		1	20	0	-	0	-	1
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)
		19	380	17	340	-	-	14

Samples Collected:

- No samples were collected.

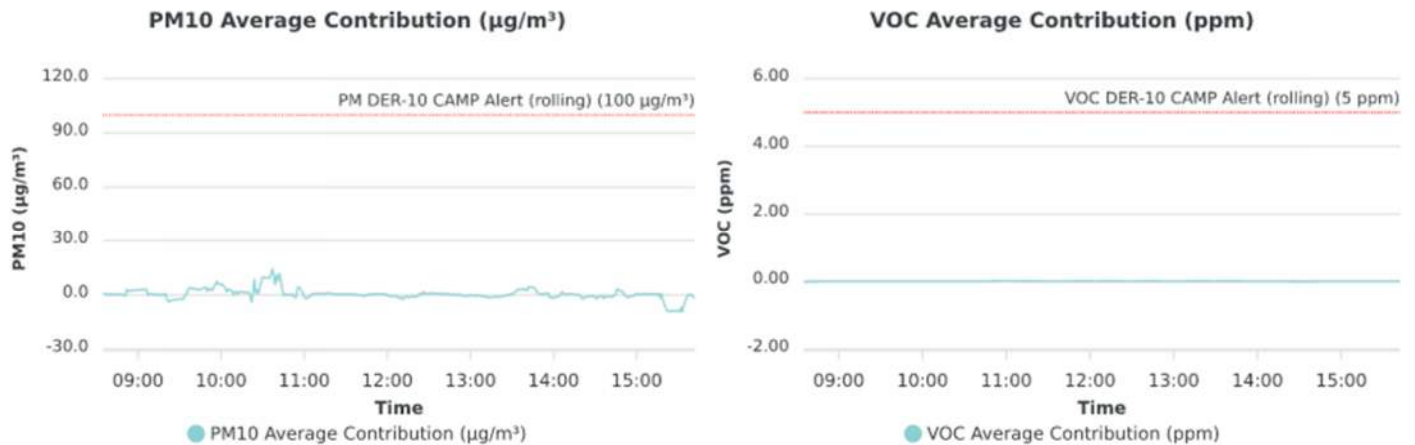
Air Monitoring:

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 $\mu\text{g}/\text{m}^3$ and 5 ppm, respectively, on this day. Data gaps were encountered at 10:53 AM, from 10:59 to 11:00 AM, from 14:50 to 14:52, and at 14:57. These data gaps were attributed to errors encountered with the weather station equipment and relocation of the CAMP station.

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)		Organic Vapor Monitoring (ppm)	
Daily Background	6.5	Daily Background	0.03
PM10 Average Site Contribution (Minimum)	-9.4	VOC Average Site Contribution (Minimum)	-0.03
PM10 Average Site Contribution (Maximum)	14.6	VOC Average Site Contribution (Maximum)	0.01

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

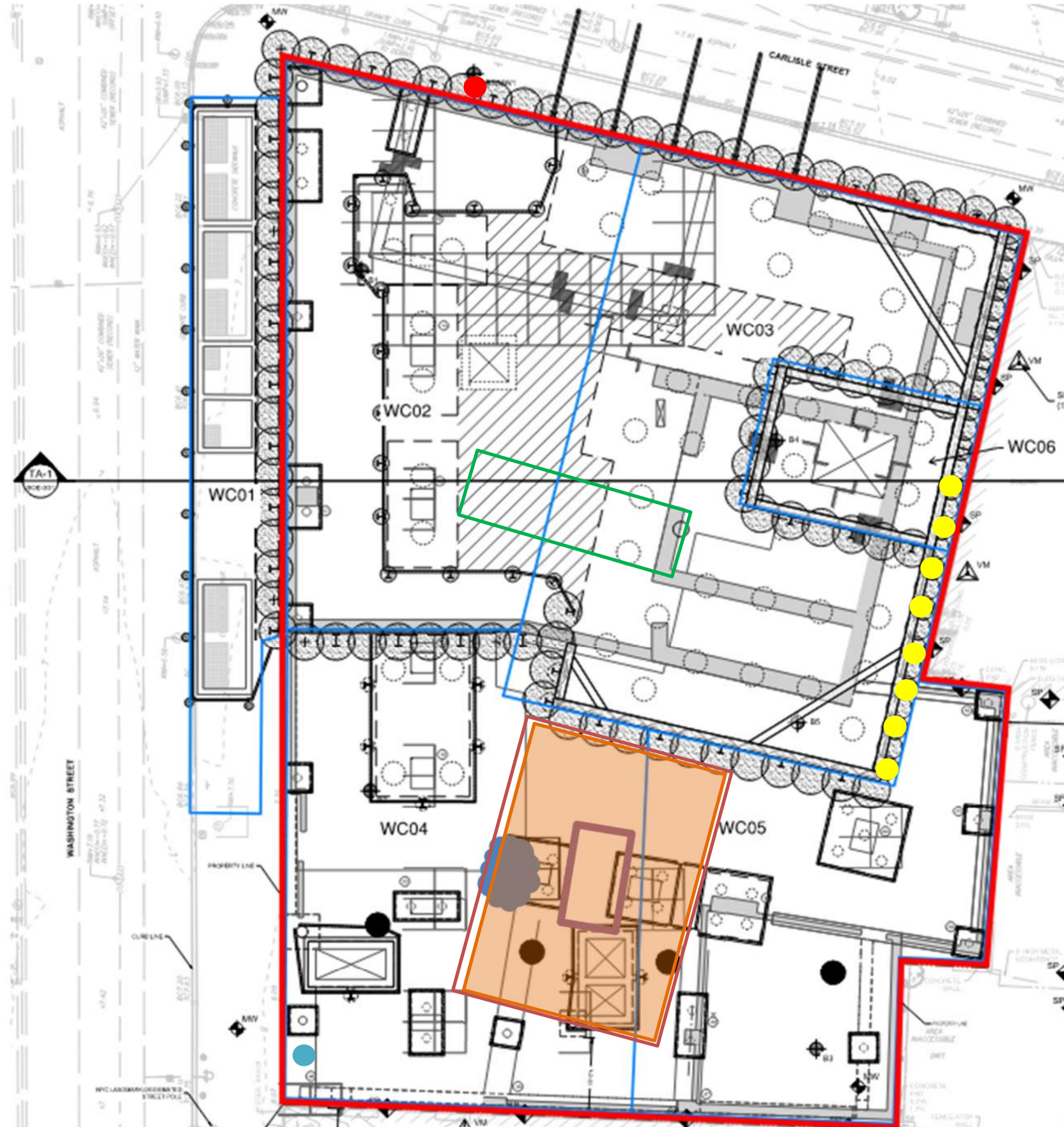
ppm: parts per million.














Planned Activities:

- Urban will continue installing soil-mix columns throughout the site.
- Urban will excavate in the vicinity of the 3,000-gallon UST and waste characterization grids WC04 and WC05.

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 replacing soil/fill into the excavated area in grids WC04 and WC05 with polyethylene sheeting utilized as a demarcation barrier (facing northeast).



Photo 2: Urban excavating soil below the former 3,000-gallon UST (facing east).



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



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 north).



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).



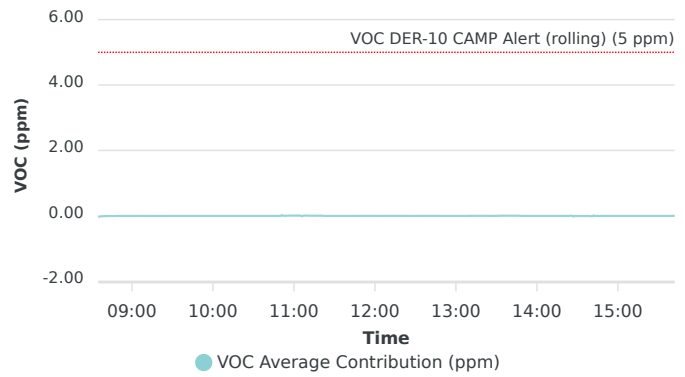
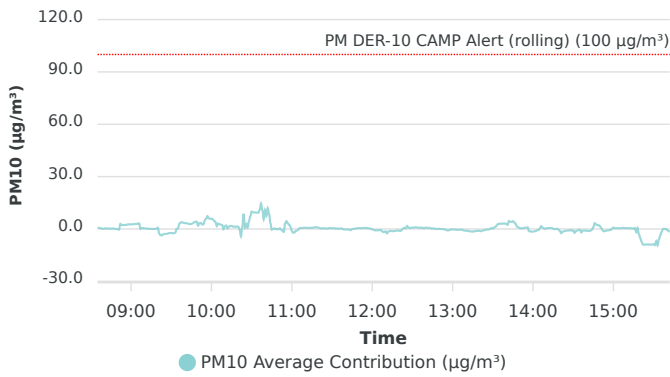
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	6/23/2023 00:00
		To:	6/23/2023 23:59
		PM10 Action Level:	100 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm		

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
6/23/2023	-	-	-	0.3-2.7	NNW

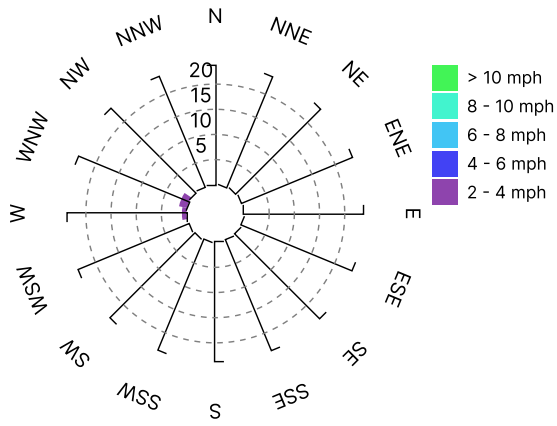


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
6/23/2023 08:35:00	6.5	7.2	0.7	0.03	0.00	-0.03	0.7	SE
6/23/2023 08:36:00	6.6	7.2	0.7	0.03	0.00	-0.03	0.6	ESE
6/23/2023 08:37:00	6.6	7.0	0.4	0.02	0.00	-0.02	0.6	WNW
6/23/2023 08:38:00	6.5	6.7	0.3	0.02	0.00	-0.01	0.7	N
6/23/2023 08:39:00	6.5	6.5	0.1	0.01	0.00	-0.01	0.7	NW
6/23/2023 08:40:00	6.4	6.5	0.2	0.01	0.00	-0.01	0.7	ESE
6/23/2023 08:41:00	6.2	6.7	0.4	0.01	0.00	-0.01	0.8	WNW
6/23/2023 08:42:00	6.3	6.5	0.2	0.01	0.00	-0.01	0.8	WNW
6/23/2023 08:43:00	6.2	6.5	0.3	0.01	0.00	-0.01	0.8	WNW
6/23/2023 08:44:00	6.2	6.4	0.1	0.01	0.00	-0.01	0.8	E
6/23/2023 08:45:00	6.2	6.4	0.2	0.01	0.00	-0.01	0.8	ESE
6/23/2023 08:46:00	6.2	6.5	0.3	0.01	0.00	0.00	0.9	WSW
6/23/2023 08:47:00	6.3	6.5	0.2	0.01	0.00	-0.01	0.8	NW
6/23/2023 08:48:00	6.3	6.4	0.1	0.01	0.00	0.00	0.8	ESE
6/23/2023 08:49:00	6.3	6.3	0.0	0.00	0.00	0.00	0.8	E
6/23/2023 08:50:00	6.4	6.3	-0.1	0.00	0.00	0.00	0.9	E
6/23/2023 08:51:00	6.6	6.2	-0.4	0.00	0.00	0.00	0.9	ESE
6/23/2023 08:52:00	6.6	9.5	2.9	0.00	0.00	0.00	0.9	S
6/23/2023 08:53:00	7.2	9.5	2.3	0.00	0.00	0.00	0.9	ENE
6/23/2023 08:54:00	7.3	9.6	2.2	0.00	0.00	0.00	0.9	WNW
6/23/2023 08:55:00	7.3	9.6	2.3	0.00	0.00	0.00	0.9	SSW
6/23/2023 08:56:00	7.3	9.6	2.3	0.00	0.00	0.00	0.8	SSE
6/23/2023 08:57:00	7.2	9.8	2.5	0.00	0.00	0.00	0.8	W
6/23/2023 08:58:00	7.3	9.9	2.6	0.00	0.00	0.00	0.8	SE
6/23/2023 08:59:00	7.2	10.0	2.8	0.00	0.00	0.00	0.8	SE
6/23/2023 09:00:00	7.3	9.9	2.6	0.00	0.00	0.00	0.8	NW
6/23/2023 09:01:00	7.3	9.9	2.6	0.00	0.00	0.00	0.8	ESE
6/23/2023 09:02:00	7.2	10.0	2.8	0.00	0.00	0.00	0.8	ESE
6/23/2023 09:03:00	7.3	10.1	2.9	0.00	0.00	0.00	0.8	NNE
6/23/2023 09:04:00	7.4	10.2	2.9	0.00	0.00	0.00	0.8	WNW
6/23/2023 09:05:00	7.3	10.4	3.1	0.00	0.00	0.00	0.8	ESE
6/23/2023 09:06:00	7.1	10.4	3.2	0.00	0.00	0.00	0.9	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
6/23/2023 09:07:00	7.1	7.1	0.0	0.00	0.00	0.00	0.9	ESE
6/23/2023 09:08:00	6.6	7.1	0.5	0.00	0.00	0.00	0.8	ENE
6/23/2023 09:09:00	6.7	7.1	0.5	0.00	0.00	0.00	0.8	NW
6/23/2023 09:10:00	6.7	7.1	0.4	0.00	0.00	0.00	0.9	ESE
6/23/2023 09:11:00	6.8	7.0	0.2	0.00	0.00	0.00	0.9	E
6/23/2023 09:12:00	6.8	7.0	0.2	0.00	0.00	0.00	0.9	W
6/23/2023 09:13:00	6.8	7.0	0.2	0.00	0.00	0.00	0.9	SE
6/23/2023 09:14:00	6.8	6.8	0.0	0.00	0.00	0.00	0.9	ESE
6/23/2023 09:15:00	6.7	6.8	0.1	0.00	0.00	0.00	0.9	ESE
6/23/2023 09:16:00	6.6	6.6	0.0	0.00	0.00	0.00	0.9	WNW
6/23/2023 09:17:00	6.5	6.5	0.0	0.00	0.00	0.00	1.1	W
6/23/2023 09:18:00	6.4	6.4	0.1	0.00	0.00	0.00	1.1	W
6/23/2023 09:19:00	6.2	6.3	0.2	0.00	0.00	0.00	1.1	W
6/23/2023 09:20:00	6.1	6.8	0.7	0.00	0.00	0.00	1.0	W
6/23/2023 09:21:00	9.3	6.7	-2.6	0.00	0.00	0.00	1.0	E
6/23/2023 09:22:00	10.7	7.2	-3.5	0.00	0.00	0.00	1.1	WNW
6/23/2023 09:23:00	11.2	7.6	-3.6	0.00	0.00	0.00	1.2	W
6/23/2023 09:24:00	11.1	8.0	-3.0	0.00	0.00	0.00	1.2	W
6/23/2023 09:25:00	11.1	8.3	-2.9	0.00	0.00	0.00	1.2	S
6/23/2023 09:26:00	11.1	8.3	-2.8	0.00	0.00	0.00	1.2	SSE
6/23/2023 09:27:00	11.3	8.5	-2.8	0.00	0.00	0.00	1.2	WSW
6/23/2023 09:28:00	11.5	9.0	-2.5	0.00	0.00	0.00	1.2	W
6/23/2023 09:29:00	11.4	9.1	-2.3	0.00	0.00	0.00	1.2	W
6/23/2023 09:30:00	11.6	9.3	-2.3	0.00	0.00	0.00	1.2	NW
6/23/2023 09:31:00	11.7	9.3	-2.4	0.00	0.00	0.00	1.1	NE
6/23/2023 09:32:00	11.7	9.3	-2.4	0.00	0.00	0.00	1.0	ESE
6/23/2023 09:33:00	11.8	9.7	-2.1	0.00	0.00	0.00	0.9	E
6/23/2023 09:34:00	11.9	11.9	0.1	0.00	0.00	0.00	0.9	ESE
6/23/2023 09:35:00	12.1	12.4	0.3	0.00	0.00	0.00	0.9	ESE
6/23/2023 09:36:00	9.6	12.5	2.9	0.00	0.00	0.00	0.9	ESE
6/23/2023 09:37:00	8.3	12.0	3.7	0.00	0.00	0.00	0.9	SE
6/23/2023 09:38:00	7.5	11.4	3.9	0.00	0.00	0.00	0.8	NW
6/23/2023 09:39:00	7.4	10.9	3.5	0.00	0.00	0.00	0.8	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
6/23/2023 09:40:00	7.2	10.6	3.4	0.00	0.00	0.00	0.8	WNW
6/23/2023 09:41:00	7.0	10.3	3.3	0.00	0.00	0.00	0.8	NW
6/23/2023 09:42:00	6.8	10.0	3.3	0.00	0.00	0.00	0.9	WNW
6/23/2023 09:43:00	6.6	9.5	2.9	0.00	0.00	0.00	0.9	WNW
6/23/2023 09:44:00	6.5	9.4	2.9	0.00	0.00	0.00	0.9	WNW
6/23/2023 09:45:00	6.4	9.3	2.9	0.00	0.00	0.00	0.9	W
6/23/2023 09:46:00	6.4	9.6	3.2	0.00	0.00	0.00	0.9	WNW
6/23/2023 09:47:00	6.5	10.3	3.8	0.00	0.00	0.00	1.0	E
6/23/2023 09:48:00	8.4	12.6	4.2	0.00	0.00	0.00	0.9	NW
6/23/2023 09:49:00	9.8	13.9	4.2	0.00	0.00	0.00	0.9	WNW
6/23/2023 09:50:00	11.7	13.6	1.9	0.00	0.00	0.00	0.9	WNW
6/23/2023 09:51:00	10.9	14.3	3.3	0.00	0.00	0.00	1.0	WNW
6/23/2023 09:52:00	11.5	15.1	3.5	0.00	0.00	0.00	1.0	WNW
6/23/2023 09:53:00	13.6	16.2	2.5	0.00	0.00	0.00	1.0	SSW
6/23/2023 09:54:00	15.6	18.3	2.7	0.00	0.00	0.00	1.0	ENE
6/23/2023 09:55:00	16.9	21.8	4.9	0.00	0.00	0.00	1.0	ESE
6/23/2023 09:56:00	17.7	23.7	6.0	0.00	0.00	0.00	1.0	ESE
6/23/2023 09:57:00	18.4	25.7	7.3	0.00	0.00	0.00	1.1	ESE
6/23/2023 09:58:00	19.9	26.0	6.1	0.00	0.00	0.00	1.1	ESE
6/23/2023 09:59:00	20.4	26.2	5.8	0.00	0.00	0.00	1.1	ESE
6/23/2023 10:00:00	20.5	26.4	5.9	0.00	0.00	0.00	1.1	E
6/23/2023 10:01:00	20.7	26.1	5.5	0.00	0.00	0.00	1.1	SE
6/23/2023 10:02:00	20.6	25.3	4.7	0.00	0.00	0.00	1.1	SSE
6/23/2023 10:03:00	18.8	22.8	4.0	0.00	0.00	0.00	1.1	WNW
6/23/2023 10:04:00	17.8	19.4	1.6	0.00	0.00	0.00	1.1	NNE
6/23/2023 10:05:00	16.2	19.3	3.1	0.00	0.00	0.00	1.1	ESE
6/23/2023 10:06:00	16.2	18.9	2.7	0.00	0.00	0.00	1.1	ESE
6/23/2023 10:07:00	15.6	18.2	2.5	0.00	0.00	0.00	1.0	SSW
6/23/2023 10:08:00	15.2	17.4	2.2	0.00	0.00	0.00	1.0	WNW
6/23/2023 10:09:00	17.5	17.3	-0.2	0.00	0.00	0.00	1.0	ENE
6/23/2023 10:10:00	17.4	18.9	1.5	0.00	0.00	0.00	1.0	N
6/23/2023 10:11:00	17.2	19.2	2.0	0.00	0.00	0.00	1.0	WNW
6/23/2023 10:12:00	17.6	17.9	0.3	0.00	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
6/23/2023 10:13:00	17.0	18.3	1.3	0.00	0.00	0.00	1.0	NW
6/23/2023 10:14:00	17.0	18.7	1.7	0.00	0.00	0.00	1.0	SW
6/23/2023 10:15:00	17.6	19.3	1.8	0.00	0.00	0.00	1.0	ESE
6/23/2023 10:16:00	18.3	19.6	1.3	0.00	0.00	0.00	1.0	W
6/23/2023 10:17:00	18.4	19.8	1.4	0.00	0.00	0.00	1.0	NNE
6/23/2023 10:18:00	18.6	19.8	1.2	0.00	0.00	0.00	1.0	WNW
6/23/2023 10:19:00	18.4	19.8	1.4	0.00	0.00	0.00	1.1	WNW
6/23/2023 10:20:00	18.0	19.4	1.3	0.00	0.00	0.00	1.1	W
6/23/2023 10:21:00	20.0	19.5	-0.5	0.00	0.00	0.00	1.1	SE
6/23/2023 10:22:00	25.3	21.1	-4.2	0.00	0.00	0.00	1.1	SSW
6/23/2023 10:23:00	26.2	27.3	1.0	0.00	0.00	0.00	1.1	E
6/23/2023 10:24:00	22.8	31.5	8.7	0.00	0.00	0.00	1.1	WNW
6/23/2023 10:25:00	27.6	28.3	0.7	0.00	0.00	0.00	1.1	SSW
6/23/2023 10:26:00	29.2	32.0	2.8	0.00	0.00	0.00	1.0	NW
6/23/2023 10:27:00	31.4	32.2	0.8	0.00	0.00	0.00	1.0	WSW
6/23/2023 10:28:00	31.8	36.1	4.4	0.00	0.00	0.00	0.9	ESE
6/23/2023 10:29:00	32.5	39.9	7.3	0.00	0.00	0.00	0.9	ESE
6/23/2023 10:30:00	32.7	42.6	9.9	0.00	0.00	0.00	0.9	WNW
6/23/2023 10:31:00	33.7	43.3	9.5	0.00	0.00	0.00	1.0	WNW
6/23/2023 10:32:00	34.3	43.7	9.4	0.00	0.00	0.00	0.9	NNW
6/23/2023 10:33:00	34.6	44.1	9.5	0.00	0.00	0.00	0.8	WNW
6/23/2023 10:34:00	35.0	44.3	9.3	0.00	0.00	0.00	0.8	SE
6/23/2023 10:35:00	35.3	44.5	9.3	0.00	0.00	0.00	0.8	W
6/23/2023 10:36:00	33.2	44.1	10.9	0.00	0.00	0.00	0.8	NNW
6/23/2023 10:37:00	28.0	42.6	14.6	0.00	0.00	0.00	0.8	ESE
6/23/2023 10:38:00	25.6	36.4	10.8	0.00	0.00	0.00	0.8	E
6/23/2023 10:39:00	24.9	30.5	5.6	0.00	0.00	0.00	0.8	E
6/23/2023 10:40:00	19.2	30.1	10.9	0.00	0.00	0.00	0.9	E
6/23/2023 10:41:00	18.0	25.5	7.5	0.00	0.00	0.00	0.9	E
6/23/2023 10:42:00	16.2	28.2	12.0	0.00	0.00	0.00	0.9	ESE
6/23/2023 10:43:00	18.0	26.7	8.7	0.00	0.00	0.00	0.9	ESE
6/23/2023 10:44:00	20.0	23.3	3.3	0.00	0.00	0.00	1.0	ESE
6/23/2023 10:45:00	21.3	20.9	-0.4	0.00	0.00	0.00	1.0	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/23/2023 10:46:00	21.7	21.7	0.0	0.00	0.00	0.00	1.0	ESE
6/23/2023 10:47:00	22.7	23.0	0.3	0.00	0.00	0.00	1.0	ESE
6/23/2023 10:48:00	23.4	23.5	0.0	0.00	0.00	0.00	1.0	W
6/23/2023 10:49:00	24.0	23.8	-0.1	0.00	0.00	0.00	1.0	ESE
6/23/2023 10:50:00	24.3	24.1	-0.2	0.00	0.00	0.00	0.9	ENE
6/23/2023 10:51:00	24.4	24.8	0.4	0.00	0.03	0.03	0.9	ESE
6/23/2023 10:52:00	25.4	25.0	-0.4	0.02	0.03	0.01	0.9	SE
6/23/2023 10:53:00				0.02	0.03	0.01	0.9	SW
6/23/2023 10:54:00	8.3	6.7	-1.6	0.02	0.03	0.01	0.9	SSW
6/23/2023 10:55:00	7.4	10.7	3.3	0.02	0.03	0.01	0.9	NNE
6/23/2023 10:56:00	7.0	11.4	4.4	0.02	0.03	0.01	0.9	NNE
6/23/2023 10:57:00	6.8	10.1	3.3	0.02	0.03	0.01	0.9	E
6/23/2023 10:58:00	6.6	8.9	2.3	0.02	0.03	0.01	0.8	E
6/23/2023 10:59:00				0.02	0.03	0.01	0.8	ESE
6/23/2023 11:00:00				0.02	0.03	0.01	0.8	ENE
6/23/2023 11:01:00	7.4	5.2	-2.2	0.02	0.03	0.01	0.9	WNW
6/23/2023 11:02:00	6.8	4.9	-1.9	0.02	0.03	0.01	0.9	ESE
6/23/2023 11:03:00	7.0	6.0	-1.1	0.02	0.03	0.01	0.9	ESE
6/23/2023 11:04:00	7.1	6.3	-0.8	0.02	0.03	0.01	0.9	W
6/23/2023 11:05:00	7.2	7.0	-0.2	0.02	0.03	0.01	0.9	W
6/23/2023 11:06:00	8.3	8.8	0.6	0.02	0.01	-0.01	0.9	ENE
6/23/2023 11:07:00	9.3	9.9	0.6	0.01	0.01	0.01	0.8	WNW
6/23/2023 11:08:00	10.0	10.6	0.6	0.00	0.02	0.01	0.8	ESE
6/23/2023 11:09:00	9.9	10.6	0.7	0.00	0.02	0.01	0.8	ESE
6/23/2023 11:10:00	9.7	10.4	0.7	0.00	0.01	0.01	0.8	NE
6/23/2023 11:11:00	9.4	10.1	0.7	0.00	0.01	0.01	0.8	NW
6/23/2023 11:12:00	9.2	9.8	0.6	0.00	0.01	0.01	0.8	E
6/23/2023 11:13:00	8.9	9.6	0.7	0.00	0.01	0.01	0.8	ESE
6/23/2023 11:14:00	8.6	9.3	0.6	0.00	0.01	0.01	0.9	WNW
6/23/2023 11:15:00	8.3	9.0	0.7	0.00	0.01	0.01	1.0	W
6/23/2023 11:16:00	8.1	8.9	0.8	0.00	0.01	0.01	0.8	ENE
6/23/2023 11:17:00	8.0	8.9	0.9	0.00	0.01	0.01	0.8	ESE
6/23/2023 11:18:00	7.8	8.8	1.0	0.00	0.01	0.01	0.9	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
6/23/2023 11:19:00	7.8	8.6	0.8	0.00	0.01	0.01	0.9	E
6/23/2023 11:20:00	7.6	8.4	0.8	0.00	0.01	0.01	0.9	WNW
6/23/2023 11:21:00	7.2	7.6	0.4	0.00	0.01	0.01	0.9	NW
6/23/2023 11:22:00	6.6	6.9	0.3	0.00	0.00	0.00	1.0	WNW
6/23/2023 11:23:00	5.9	6.2	0.4	0.00	0.00	0.00	1.0	SSW
6/23/2023 11:24:00	5.6	6.0	0.5	0.00	0.00	0.00	1.0	ESE
6/23/2023 11:25:00	5.6	5.8	0.3	0.00	0.00	0.00	1.0	ESE
6/23/2023 11:26:00	5.4	5.7	0.3	0.00	0.00	0.00	1.0	ESE
6/23/2023 11:27:00	5.3	5.5	0.3	0.00	0.00	0.00	1.0	WNW
6/23/2023 11:28:00	5.2	5.7	0.5	0.00	0.00	0.00	1.0	SW
6/23/2023 11:29:00	5.5	6.0	0.5	0.00	0.00	0.00	0.8	NW
6/23/2023 11:30:00	5.7	6.1	0.3	0.00	0.00	0.00	0.8	W
6/23/2023 11:31:00	5.7	6.2	0.5	0.00	0.00	0.00	0.8	W
6/23/2023 11:32:00	5.8	6.2	0.4	0.00	0.00	0.00	0.8	WNW
6/23/2023 11:33:00	5.9	6.1	0.2	0.00	0.00	0.00	0.8	N
6/23/2023 11:34:00	5.9	6.2	0.3	0.00	0.00	0.00	0.8	E
6/23/2023 11:35:00	6.0	6.1	0.1	0.00	0.00	0.00	0.8	E
6/23/2023 11:36:00	5.9	6.1	0.2	0.00	0.00	0.00	0.8	E
6/23/2023 11:37:00	5.9	6.2	0.4	0.00	0.00	0.00	0.8	W
6/23/2023 11:38:00	6.2	6.2	0.0	0.00	0.00	0.00	0.8	ESE
6/23/2023 11:39:00	6.4	6.0	-0.3	0.00	0.00	0.00	0.8	NW
6/23/2023 11:40:00	6.3	6.0	-0.3	0.00	0.00	0.00	0.8	WNW
6/23/2023 11:41:00	6.3	6.1	-0.3	0.00	0.00	0.00	0.8	N
6/23/2023 11:42:00	6.4	6.2	-0.2	0.00	0.00	0.00	0.8	N
6/23/2023 11:43:00	6.4	5.9	-0.5	0.00	0.00	0.00	0.8	ESE
6/23/2023 11:44:00	6.3	5.6	-0.7	0.00	0.00	0.00	0.9	E
6/23/2023 11:45:00	6.3	6.2	-0.1	0.00	0.00	0.00	0.9	ESE
6/23/2023 11:46:00	6.5	6.5	0.0	0.00	0.00	0.00	0.9	NW
6/23/2023 11:47:00	6.6	6.8	0.2	0.00	0.00	0.00	0.8	NW
6/23/2023 11:48:00	6.6	6.9	0.3	0.00	0.00	0.00	0.8	E
6/23/2023 11:49:00	6.5	6.9	0.4	0.00	0.00	0.00	0.8	SW
6/23/2023 11:50:00	6.4	6.9	0.5	0.00	0.00	0.00	1.0	WNW
6/23/2023 11:51:00	6.3	6.8	0.5	0.00	0.00	0.00	1.0	WNW

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/23/2023 11:52:00	6.1	6.5	0.4	0.00	0.00	0.00	1.0	WNW
6/23/2023 11:53:00	5.9	6.4	0.5	0.00	0.00	0.00	1.1	WNW
6/23/2023 11:54:00	5.7	6.3	0.6	0.00	0.00	0.00	1.0	NNW
6/23/2023 11:55:00	5.6	6.1	0.5	0.00	0.00	0.00	1.0	NE
6/23/2023 11:56:00	5.5	6.1	0.6	0.00	0.00	0.00	1.0	ESE
6/23/2023 11:57:00	5.5	6.0	0.4	0.00	0.00	0.00	1.0	NNE
6/23/2023 11:58:00	5.7	5.8	0.2	0.00	0.00	0.00	1.0	E
6/23/2023 11:59:00	5.6	5.8	0.2	0.00	0.00	0.00	1.0	NNW
6/23/2023 12:00:00	5.6	5.4	-0.2	0.00	0.00	0.00	1.1	W
6/23/2023 12:01:00	5.5	5.0	-0.5	0.00	0.00	0.00	1.1	NW
6/23/2023 12:02:00	5.5	4.7	-0.8	0.00	0.00	0.00	1.1	E
6/23/2023 12:03:00	5.5	4.7	-0.8	0.00	0.00	0.00	1.1	ESE
6/23/2023 12:04:00	5.7	5.0	-0.7	0.00	0.00	0.00	1.1	ESE
6/23/2023 12:05:00	6.6	5.8	-0.8	0.00	0.00	0.00	1.0	ESE
6/23/2023 12:06:00	6.8	6.3	-0.5	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:07:00	7.5	6.5	-1.0	0.00	0.00	0.00	0.9	N
6/23/2023 12:08:00	8.6	6.9	-1.7	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:09:00	9.5	7.8	-1.6	0.00	0.00	0.00	0.9	NNE
6/23/2023 12:10:00	10.3	9.0	-1.3	0.00	0.00	0.00	0.9	W
6/23/2023 12:11:00	11.8	9.3	-2.5	0.00	0.00	0.00	0.9	ENE
6/23/2023 12:12:00	12.3	10.8	-1.5	0.00	0.00	0.00	0.9	SE
6/23/2023 12:13:00	13.1	12.0	-1.2	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:14:00	13.9	12.8	-1.1	0.00	0.00	0.00	0.9	NW
6/23/2023 12:15:00	14.2	12.9	-1.2	0.00	0.00	0.00	0.9	WNW
6/23/2023 12:16:00	14.4	13.1	-1.3	0.00	0.00	0.00	0.9	E
6/23/2023 12:17:00	14.5	13.4	-1.1	0.00	0.00	0.00	0.9	SE
6/23/2023 12:18:00	14.5	13.5	-1.0	0.00	0.00	0.00	0.8	WNW
6/23/2023 12:19:00	14.3	13.4	-0.9	0.00	0.00	0.00	0.8	SE
6/23/2023 12:20:00	13.8	12.8	-0.9	0.00	0.00	0.00	0.8	NW
6/23/2023 12:21:00	13.6	12.5	-1.2	0.00	0.00	0.00	0.8	NNE
6/23/2023 12:22:00	13.1	12.6	-0.5	0.00	0.00	0.00	0.8	ESE
6/23/2023 12:23:00	12.4	12.7	0.3	0.00	0.00	0.00	0.8	SE
6/23/2023 12:24:00	12.0	12.6	0.7	0.00	0.00	0.00	0.8	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
6/23/2023 12:25:00	11.7	12.0	0.3	0.00	0.00	0.00	0.8	WSW
6/23/2023 12:26:00	10.6	12.3	1.7	0.00	0.00	0.00	0.8	N
6/23/2023 12:27:00	10.5	11.3	0.8	0.00	0.00	0.00	0.8	SE
6/23/2023 12:28:00	9.8	10.3	0.5	0.00	0.00	0.00	0.8	ENE
6/23/2023 12:29:00	8.9	9.7	0.7	0.00	0.00	0.00	0.8	NNW
6/23/2023 12:30:00	8.7	9.4	0.7	0.00	0.00	0.00	0.8	WNW
6/23/2023 12:31:00	8.3	9.1	0.8	0.00	0.00	0.00	0.8	ESE
6/23/2023 12:32:00	8.0	8.9	0.9	0.00	0.00	0.00	0.8	SSE
6/23/2023 12:33:00	7.8	8.8	0.9	0.00	0.00	0.00	0.8	ESE
6/23/2023 12:34:00	7.7	8.5	0.7	0.00	0.00	0.00	0.8	E
6/23/2023 12:35:00	7.6	8.3	0.7	0.00	0.00	0.00	0.8	NW
6/23/2023 12:36:00	7.4	8.2	0.8	0.00	0.00	0.00	0.9	WNW
6/23/2023 12:37:00	7.5	8.0	0.6	0.00	0.00	0.00	0.9	E
6/23/2023 12:38:00	7.0	7.7	0.7	0.00	0.00	0.00	1.0	ESE
6/23/2023 12:39:00	6.6	7.0	0.4	0.00	0.00	0.00	1.0	WNW
6/23/2023 12:40:00	5.9	6.7	0.8	0.00	0.00	0.00	0.9	S
6/23/2023 12:41:00	5.7	6.2	0.6	0.00	0.00	0.00	0.9	WSW
6/23/2023 12:42:00	5.1	5.8	0.7	0.00	0.00	0.00	0.9	WSW
6/23/2023 12:43:00	5.0	5.6	0.6	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:44:00	5.2	5.5	0.3	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:45:00	5.3	5.6	0.3	0.00	0.00	0.00	0.9	NNE
6/23/2023 12:46:00	5.3	5.7	0.4	0.00	0.00	0.00	0.9	N
6/23/2023 12:47:00	5.5	5.6	0.1	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:48:00	5.7	5.6	-0.1	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:49:00	5.8	5.8	0.0	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:50:00	5.8	6.0	0.1	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:51:00	5.9	5.8	-0.1	0.00	0.00	0.00	0.9	WNW
6/23/2023 12:52:00	5.8	5.7	0.0	0.00	0.00	0.00	0.9	E
6/23/2023 12:53:00	5.7	5.6	-0.1	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:54:00	5.7	5.5	-0.2	0.00	0.00	0.00	0.9	E
6/23/2023 12:55:00	5.8	5.2	-0.6	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:56:00	5.8	5.0	-0.8	0.00	0.00	0.00	0.9	ESE
6/23/2023 12:57:00	5.7	4.9	-0.8	0.00	0.00	0.00	0.9	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
6/23/2023 12:58:00	5.5	5.0	-0.5	0.00	0.00	0.00	0.9	W
6/23/2023 12:59:00	5.2	4.9	-0.3	0.00	0.00	0.00	0.8	ENE
6/23/2023 13:00:00	5.0	4.8	-0.3	0.00	0.00	0.00	0.8	NW
6/23/2023 13:01:00	5.1	4.8	-0.3	0.00	0.00	0.00	0.9	W
6/23/2023 13:02:00	5.0	4.7	-0.3	0.00	0.00	0.00	0.9	NW
6/23/2023 13:03:00	5.0	4.5	-0.4	0.00	0.00	0.00	0.9	WNW
6/23/2023 13:04:00	4.9	4.4	-0.5	0.00	0.00	0.00	0.9	WNW
6/23/2023 13:05:00	4.8	4.3	-0.5	0.00	0.00	0.00	1.0	WNW
6/23/2023 13:06:00	4.7	4.4	-0.3	0.00	0.00	0.00	0.9	W
6/23/2023 13:07:00	4.8	4.4	-0.4	0.00	0.00	0.00	0.9	ENE
6/23/2023 13:08:00	5.2	4.4	-0.8	0.00	0.00	0.00	0.9	ENE
6/23/2023 13:09:00	5.5	4.5	-1.0	0.00	0.00	0.00	0.9	NNW
6/23/2023 13:10:00	5.6	4.6	-1.0	0.00	0.00	0.00	0.9	E
6/23/2023 13:11:00	5.7	4.7	-1.0	0.00	0.00	0.00	0.9	NNW
6/23/2023 13:12:00	6.0	4.8	-1.2	0.00	0.00	0.00	0.9	NW
6/23/2023 13:13:00	6.2	4.8	-1.4	0.00	0.00	0.00	0.9	ENE
6/23/2023 13:14:00	6.2	4.8	-1.4	0.00	0.00	0.00	0.9	E
6/23/2023 13:15:00	6.3	4.8	-1.5	0.00	0.00	0.00	0.9	NNW
6/23/2023 13:16:00	6.3	4.9	-1.4	0.00	0.00	0.00	0.8	ESE
6/23/2023 13:17:00	6.3	5.1	-1.2	0.00	0.00	0.00	0.8	WNW
6/23/2023 13:18:00	6.3	5.2	-1.0	0.00	0.00	0.00	0.8	WNW
6/23/2023 13:19:00	6.3	5.2	-1.1	0.00	0.00	0.00	0.8	NNW
6/23/2023 13:20:00	6.4	5.3	-1.0	0.00	0.00	0.00	0.7	WNW
6/23/2023 13:21:00	6.5	5.3	-1.3	0.00	0.00	0.00	0.7	WNW
6/23/2023 13:22:00	6.3	5.4	-0.9	0.00	0.00	0.00	0.7	W
6/23/2023 13:23:00	6.4	5.6	-0.8	0.00	0.00	0.00	0.7	E
6/23/2023 13:24:00	6.8	6.2	-0.7	0.00	0.00	0.00	0.7	W
6/23/2023 13:25:00	7.1	6.7	-0.4	0.00	0.00	0.00	0.8	ENE
6/23/2023 13:26:00	7.1	6.9	-0.3	0.00	0.00	0.00	0.8	WSW
6/23/2023 13:27:00	7.2	7.0	-0.3	0.00	0.00	0.00	0.8	NW
6/23/2023 13:28:00	7.2	7.2	0.0	0.00	0.00	0.00	0.8	WNW
6/23/2023 13:29:00	7.1	7.6	0.5	0.00	0.00	0.00	0.9	WNW
6/23/2023 13:30:00	7.4	7.7	0.3	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
6/23/2023 13:31:00	7.7	8.5	0.8	0.00	0.00	0.00	0.9	SW
6/23/2023 13:32:00	8.2	9.4	1.3	0.00	0.00	0.00	0.9	SE
6/23/2023 13:33:00	8.2	10.3	2.1	0.00	0.01	0.01	0.9	SSE
6/23/2023 13:34:00	8.1	11.1	2.9	0.00	0.01	0.01	0.9	W
6/23/2023 13:35:00	8.2	11.1	2.9	0.00	0.01	0.01	0.9	WNW
6/23/2023 13:36:00	8.2	11.3	3.1	0.00	0.01	0.01	1.0	WNW
6/23/2023 13:37:00	8.5	11.4	3.0	0.00	0.01	0.01	1.0	WNW
6/23/2023 13:38:00	8.3	11.5	3.2	0.00	0.01	0.01	1.0	SSW
6/23/2023 13:39:00	7.9	11.0	3.1	0.00	0.01	0.01	1.0	NNW
6/23/2023 13:40:00	7.7	10.6	2.9	0.00	0.01	0.01	1.0	WNW
6/23/2023 13:41:00	8.2	10.5	2.3	0.00	0.01	0.01	0.9	E
6/23/2023 13:42:00	8.0	12.6	4.5	0.00	0.01	0.01	1.0	SE
6/23/2023 13:43:00	8.6	12.8	4.1	0.00	0.01	0.01	0.9	E
6/23/2023 13:44:00	9.0	13.1	4.1	0.00	0.01	0.01	0.8	E
6/23/2023 13:45:00	9.0	13.5	4.5	0.00	0.01	0.01	0.8	WNW
6/23/2023 13:46:00	9.0	12.8	3.8	0.00	0.01	0.01	0.7	NNW
6/23/2023 13:47:00	9.0	11.9	3.0	0.00	0.00	0.00	0.8	ESE
6/23/2023 13:48:00	9.8	11.2	1.4	0.00	0.00	0.00	0.8	SE
6/23/2023 13:49:00	10.0	10.9	0.9	0.00	0.00	0.00	0.8	E
6/23/2023 13:50:00	10.4	11.0	0.6	0.00	0.00	0.00	0.7	WNW
6/23/2023 13:51:00	10.8	11.0	0.3	0.00	0.00	0.00	0.7	W
6/23/2023 13:52:00	10.7	11.1	0.5	0.00	0.00	0.00	0.7	WNW
6/23/2023 13:53:00	10.8	11.2	0.4	0.00	0.00	0.00	0.7	W
6/23/2023 13:54:00	10.7	11.5	0.8	0.00	0.00	0.00	0.7	W
6/23/2023 13:55:00	10.7	11.4	0.7	0.00	0.00	0.00	0.6	NW
6/23/2023 13:56:00	10.3	11.3	1.0	0.00	0.00	0.00	0.7	E
6/23/2023 13:57:00	10.7	9.4	-1.3	0.00	0.00	0.00	0.6	ESE
6/23/2023 13:58:00	10.6	9.3	-1.3	0.00	0.00	0.00	0.6	ESE
6/23/2023 13:59:00	10.4	8.8	-1.6	0.00	0.00	0.00	0.6	W
6/23/2023 14:00:00	10.1	8.6	-1.6	0.00	0.00	0.00	0.6	ESE
6/23/2023 14:01:00	9.8	8.5	-1.3	0.00	0.00	0.00	0.6	W
6/23/2023 14:02:00	9.5	8.2	-1.3	0.00	0.00	0.00	0.6	NW
6/23/2023 14:03:00	8.8	8.1	-0.7	0.00	0.00	0.00	0.6	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
6/23/2023 14:04:00	8.9	8.3	-0.6	0.00	0.00	0.00	0.6	SE
6/23/2023 14:05:00	8.7	8.9	0.2	0.00	0.00	0.00	0.7	E
6/23/2023 14:06:00	8.8	10.4	1.6	0.00	0.00	0.00	0.7	E
6/23/2023 14:07:00	10.2	11.1	0.9	0.00	0.00	0.00	0.7	E
6/23/2023 14:08:00	10.6	11.0	0.4	0.00	0.00	0.00	0.7	E
6/23/2023 14:09:00	10.6	10.7	0.1	0.00	0.00	0.00	0.7	E
6/23/2023 14:10:00	10.4	10.8	0.4	0.00	0.00	0.00	0.7	W
6/23/2023 14:11:00	10.3	10.8	0.5	0.00	0.00	0.00	0.7	WNW
6/23/2023 14:12:00	9.9	10.5	0.6	0.00	0.00	0.00	0.7	ESE
6/23/2023 14:13:00	9.8	10.4	0.6	0.00	0.00	0.00	0.7	SSE
6/23/2023 14:14:00	9.8	10.4	0.6	0.00	0.00	0.00	0.8	ESE
6/23/2023 14:15:00	10.1	10.2	0.1	0.00	0.00	0.00	0.8	ENE
6/23/2023 14:16:00	10.2	10.0	-0.1	0.00	0.00	0.00	0.8	N
6/23/2023 14:17:00	10.0	10.0	0.0	0.00	0.00	0.00	0.8	NE
6/23/2023 14:18:00	9.9	10.1	0.1	0.00	0.00	0.00	0.8	WNW
6/23/2023 14:19:00	9.8	9.4	-0.4	0.00	0.00	0.00	0.8	E
6/23/2023 14:20:00	9.7	8.6	-1.1	0.00	0.00	0.00	0.7	WNW
6/23/2023 14:21:00	9.2	6.9	-2.4	0.00	0.00	0.00	0.7	N
6/23/2023 14:22:00	7.8	6.2	-1.6	0.00	0.00	0.00	0.7	ESE
6/23/2023 14:23:00	7.4	6.1	-1.3	0.01	0.00	-0.01	0.7	NNW
6/23/2023 14:24:00	7.3	6.3	-1.0	0.01	0.01	0.00	0.7	W
6/23/2023 14:25:00	7.4	6.4	-1.0	0.01	0.01	0.01	0.8	WNW
6/23/2023 14:26:00	7.5	6.6	-0.9	0.01	0.01	0.01	0.8	WNW
6/23/2023 14:27:00	7.7	6.8	-0.8	0.03	0.01	-0.02	0.9	W
6/23/2023 14:28:00	7.3	6.8	-0.6	0.03	0.03	0.00	0.9	NW
6/23/2023 14:29:00	7.6	6.7	-1.0	0.04	0.03	-0.01	0.8	WNW
6/23/2023 14:30:00	7.7	6.8	-0.9	0.04	0.03	-0.01	0.8	ESE
6/23/2023 14:31:00	9.3	7.1	-2.2	0.04	0.03	-0.01	0.9	ESE
6/23/2023 14:32:00	9.4	8.2	-1.2	0.04	0.03	-0.01	0.9	E
6/23/2023 14:33:00	9.5	8.6	-0.9	0.04	0.03	-0.01	0.9	ENE
6/23/2023 14:34:00	9.5	8.9	-0.6	0.04	0.03	-0.01	0.9	NW
6/23/2023 14:35:00	9.4	9.0	-0.5	0.04	0.03	-0.01	1.0	W
6/23/2023 14:36:00	10.9	9.0	-2.0	0.04	0.03	-0.01	1.0	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/23/2023 14:37:00	10.9	9.9	-1.0	0.04	0.03	-0.01	1.0	ESE
6/23/2023 14:38:00	10.8	9.9	-0.9	0.03	0.03	0.00	1.0	WNW
6/23/2023 14:39:00	10.7	9.8	-0.9	0.03	0.02	-0.01	1.1	WNW
6/23/2023 14:40:00	10.6	9.6	-1.0	0.03	0.02	-0.01	1.1	WNW
6/23/2023 14:41:00	10.6	9.5	-1.1	0.03	0.02	-0.01	1.0	WNW
6/23/2023 14:42:00	10.4	9.3	-1.1	0.00	0.02	0.01	1.0	NNE
6/23/2023 14:43:00	10.2	9.3	-0.9	0.00	0.00	0.00	0.9	ESE
6/23/2023 14:44:00	9.8	9.4	-0.4	0.00	0.00	0.00	0.9	SW
6/23/2023 14:45:00	9.5	10.5	1.0	0.00	0.00	0.00	1.0	WNW
6/23/2023 14:46:00	8.1	11.4	3.3	0.00	0.00	0.00	1.0	SW
6/23/2023 14:47:00	8.3	11.0	2.7	0.00	0.00	0.00	1.0	ESE
6/23/2023 14:48:00	8.4	10.6	2.2	0.00	0.00	0.00	1.0	ESE
6/23/2023 14:49:00	8.3	10.4	2.1	0.00	0.00	0.00	1.0	W
6/23/2023 14:50:00				0.00	0.00	0.00	0.9	SW
6/23/2023 14:51:00				0.00	0.00	0.00	0.9	E
6/23/2023 14:52:00				0.00	0.00	0.00	0.8	WNW
6/23/2023 14:53:00	6.8	5.5	-1.4	0.00	0.00	0.00	0.9	E
6/23/2023 14:54:00	6.6	5.5	-1.1	0.00	0.00	0.00	0.8	E
6/23/2023 14:55:00	6.3	5.4	-0.9	0.00	0.00	0.00	0.7	ENE
6/23/2023 14:56:00	6.2	5.4	-0.8	0.00	0.00	0.00	0.7	E
6/23/2023 14:57:00				0.00	0.00	0.00	0.7	NW
6/23/2023 14:58:00	6.1	5.5	-0.5	0.00	0.00	0.00	0.7	NNW
6/23/2023 14:59:00	5.8	5.9	0.2	0.00	0.00	0.00	0.7	SW
6/23/2023 15:00:00	5.6	6.4	0.8	0.00	0.00	0.00	0.6	ESE
6/23/2023 15:01:00	5.8	6.1	0.3	0.00	0.00	0.00	0.6	E
6/23/2023 15:02:00	5.6	6.1	0.4	0.00	0.00	0.00	0.6	SE
6/23/2023 15:03:00	5.5	6.0	0.5	0.00	0.00	0.00	0.6	WNW
6/23/2023 15:04:00	5.5	5.9	0.4	0.00	0.00	0.00	0.6	NW
6/23/2023 15:05:00	5.5	5.9	0.4	0.00	0.00	0.00	0.6	SE
6/23/2023 15:06:00	5.5	6.0	0.5	0.00	0.00	0.00	0.6	ESE
6/23/2023 15:07:00	5.6	6.2	0.6	0.00	0.00	0.00	0.6	WNW
6/23/2023 15:08:00	5.6	6.2	0.6	0.00	0.00	0.00	0.7	WNW
6/23/2023 15:09:00	5.7	6.1	0.4	0.00	0.00	0.00	0.6	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
6/23/2023 15:10:00	5.7	6.2	0.5	0.00	0.00	0.00	0.7	SW
6/23/2023 15:11:00	5.7	6.1	0.4	0.00	0.00	0.00	0.7	WNW
6/23/2023 15:12:00	5.7	6.1	0.4	0.00	0.00	0.00	0.7	W
6/23/2023 15:13:00	5.7	6.1	0.4	0.00	0.00	0.00	0.7	NW
6/23/2023 15:14:00	5.8	6.1	0.3	0.00	0.00	0.00	0.7	ESE
6/23/2023 15:15:00	5.9	6.1	0.1	0.00	0.00	0.00	0.7	W
6/23/2023 15:16:00	6.0	6.6	0.6	0.00	0.00	0.00	0.7	E
6/23/2023 15:17:00	8.5	6.7	-1.8	0.00	0.00	0.00	0.8	ESE
6/23/2023 15:18:00	8.6	9.2	0.6	0.00	0.00	0.00	0.8	ESE
6/23/2023 15:19:00	12.2	9.3	-2.9	0.00	0.00	0.00	0.8	ESE
6/23/2023 15:20:00	14.5	9.4	-5.1	0.00	0.00	0.00	0.8	WSW
6/23/2023 15:21:00	16.6	9.4	-7.2	0.00	0.00	0.00	0.8	WNW
6/23/2023 15:22:00	18.2	9.2	-8.9	0.00	0.00	0.00	0.9	W
6/23/2023 15:23:00	18.3	9.3	-9.0	0.00	0.00	0.00	1.0	WNW
6/23/2023 15:24:00	18.3	9.4	-8.9	0.00	0.00	0.00	1.1	WNW
6/23/2023 15:25:00	18.4	9.5	-8.9	0.00	0.00	0.00	1.2	WNW
6/23/2023 15:26:00	18.5	9.6	-8.9	0.00	0.00	0.00	1.2	WNW
6/23/2023 15:27:00	18.6	9.6	-9.0	0.00	0.00	0.00	1.2	WNW
6/23/2023 15:28:00	18.6	9.7	-8.9	0.00	0.00	0.00	1.2	WSW
6/23/2023 15:29:00	18.7	9.8	-8.9	0.00	0.00	0.00	1.2	NW
6/23/2023 15:30:00	18.7	9.9	-8.8	0.00	0.00	0.00	1.2	WNW
6/23/2023 15:31:00	18.7	9.4	-9.3	0.00	0.00	0.00	1.2	NNW
6/23/2023 15:32:00	16.3	9.4	-6.9	0.00	0.00	0.00	1.2	WSW
6/23/2023 15:33:00	16.4	7.0	-9.4	0.00	0.00	0.00	1.2	N
6/23/2023 15:34:00	13.0	7.1	-5.8	0.00	0.00	0.00	1.2	N
6/23/2023 15:35:00	10.8	7.2	-3.6	0.00	0.00	0.00	1.2	NW
6/23/2023 15:36:00	8.9	7.2	-1.6	0.00	0.00	0.00	1.2	NNE
6/23/2023 15:37:00	7.4	7.4	0.0	0.00	0.00	0.00	1.1	SE
6/23/2023 15:38:00	7.4	7.4	0.1	0.00	0.00	0.00	1.1	SE
6/23/2023 15:39:00	7.4	7.5	0.0	0.00	0.00	0.00	1.0	E
6/23/2023 15:40:00	7.5	7.0	-0.6	0.00	0.00	0.00	0.9	E
6/23/2023 15:41:00	7.6	6.5	-1.1	0.00	0.00	0.00	0.9	NE
6/23/2023 15:42:00	7.6	6.0	-1.6	0.00	0.00	0.00	0.9	E