

DAILY FIELD REPORT 097

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	October 19, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 5:45 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

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

Foundation Contractor: Urban Foundation/Engineering (Urban)

Langan Field Personnel:

Caitlyn Dempsey (Environmental)

Xianglei Zheng (Geotechnical)

Work Activities Performed:

- Urban excavated an about 40-foot-long by 20-foot-wide area from about 4 feet below grade surface (bgs) to about 8 feet bgs in the northern part of waste characterization grids WC02_5-10 and WC03_5-10 to prepare for lagging installation. Excavated soil/fill was temporarily stockpiled in the central part of the site (grid WC03) prior to being loaded into trucks for off-site disposal.
- Urban graded two about 100-foot-long by 50-foot-wide areas of soil/fill in the northern part of waste characterization grid WC02 and the western part of waste characterization grid WC03 to prepare for equipment mobilization.
- Excavated and graded soil/fill consisted of non-native soil; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a petroleum or chemical release were not observed.
- Urban continued advancing one casing for one caisson using an Urban Custom Build Drill Rig in the northeastern part of the site.
- Urban installed two rock sockets for two caissons using a Bauer BG28H Drill Rig in the center of the site.

Material Tracking:

- The following soil/fill was exported from the site:
 - 6 loads of soil/fill from waste characterization grid WC02_0-5, WC02_5-10, WC03_COMP_5-10 WC04_0-5, WC05_0-5 to the Clean Earth of Carteret LLC facility in Carteret, NJ.
- No material was imported to the site.

Materials Export Summary								
Facility Name	Bayshore Soil Management, LLC		Clean Earth of Carteret, LLC		PPark NJ		Faztec Solutions	
Location	Keasbey, NJ		Carteret, NJ		Prospect Park, NJ		Staten Island, NY	
Type of Waste	Non-hazardous Soil		Non-hazardous Soil		Non-hazardous Soil		C&D	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
		0	-	6	120	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)
	120	3,300	40	800	0	-	14	280

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

Samples Collected:

- No samples were collected.

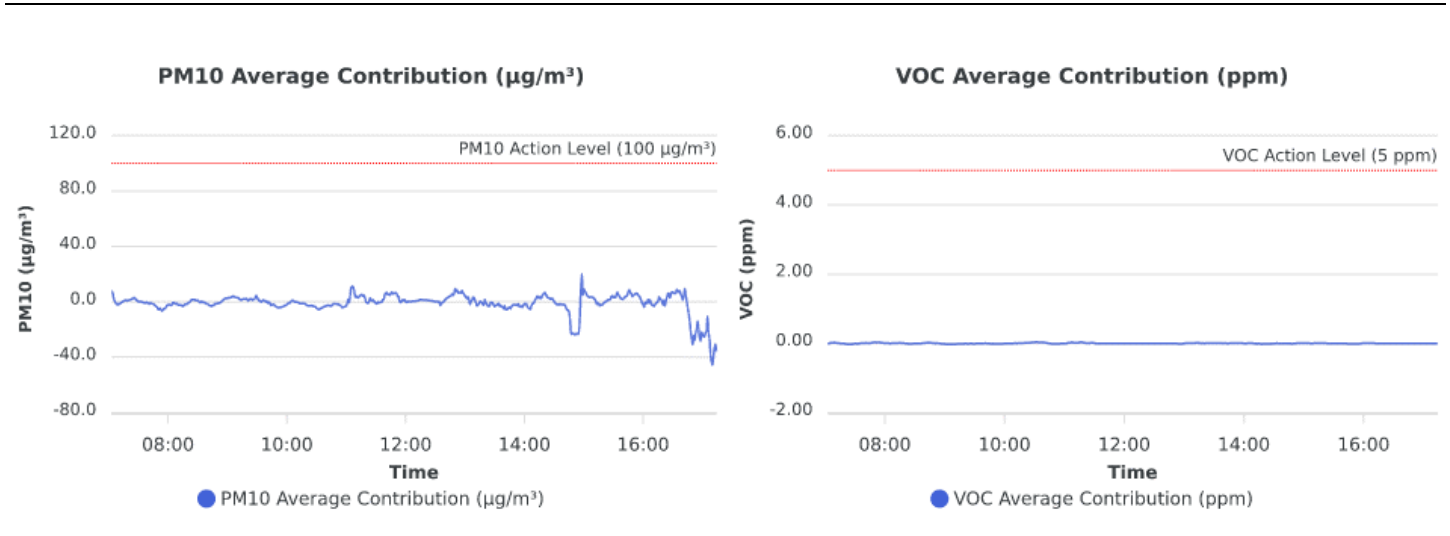
Air Monitoring:

The 15-minute average site contributions for particulates and volatile organic compounds (VOCs) are calculated by subtracting the upwind readings from the downwind readings. A true action level exceedance is realized when this net result exceeds 100 µg/m³ 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/m³ or 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	0.7	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-45.5	VOC Average Site Contribution (Minimum)	-0.03
PM10 Average Site Contribution (Maximum)	20.1	VOC Average Site Contribution (Maximum)	0.04

µg/m³: micrograms per cubic meter.

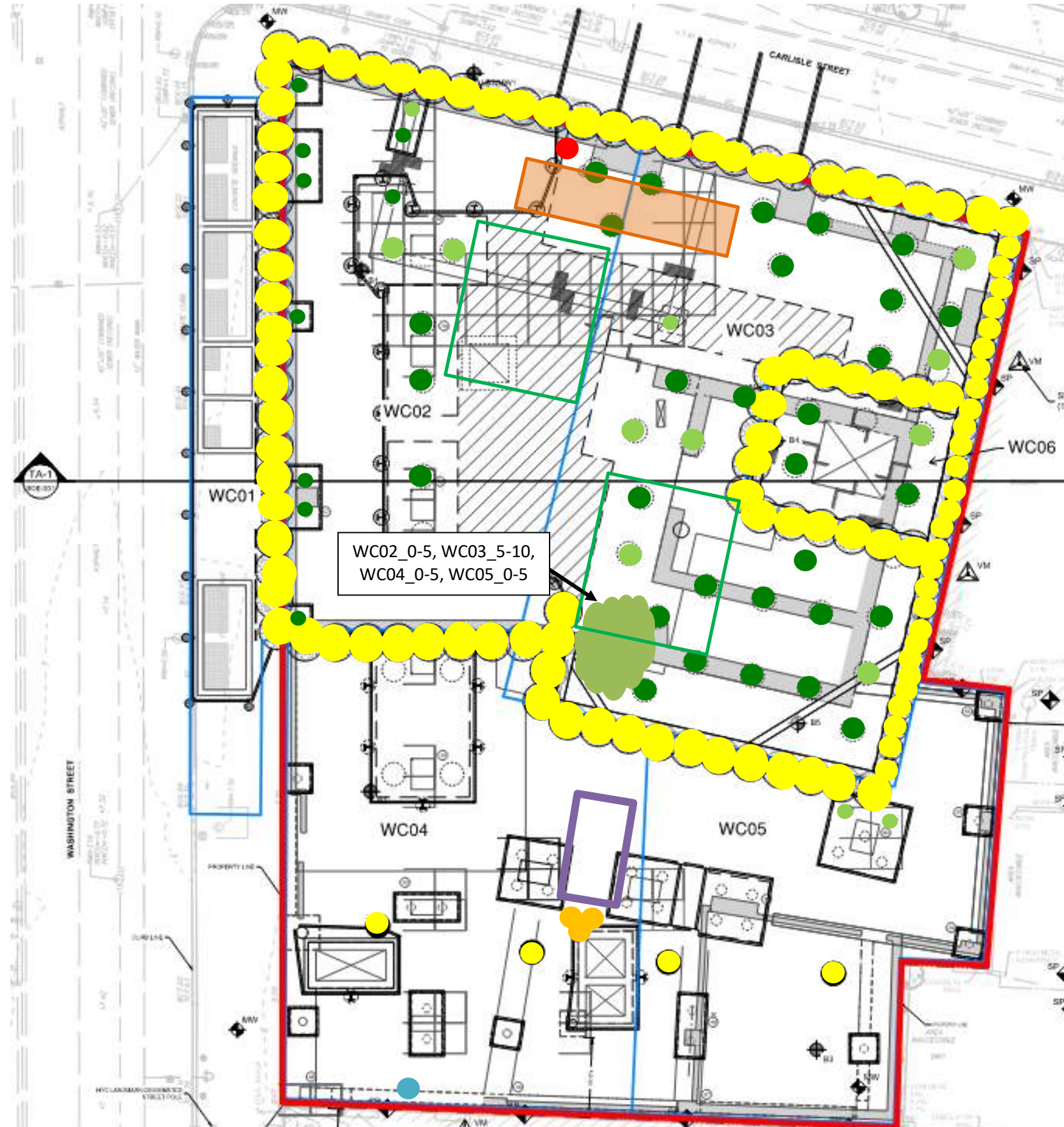
ppm: parts per million.



Planned Activities:

- Urban will continue installing caisson casings throughout the site.
- Urban will apply grout to caissons.
- Urban will export soil/fill to the Clean Earth of Carteret facility.

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 excavating soil/fill in WC03 (facing east).



Photo 2: View of Urban loading a truck with soil/fill for off-site disposal (facing north).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	10/19/2023 06:00
		To:	10/19/2023 18:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

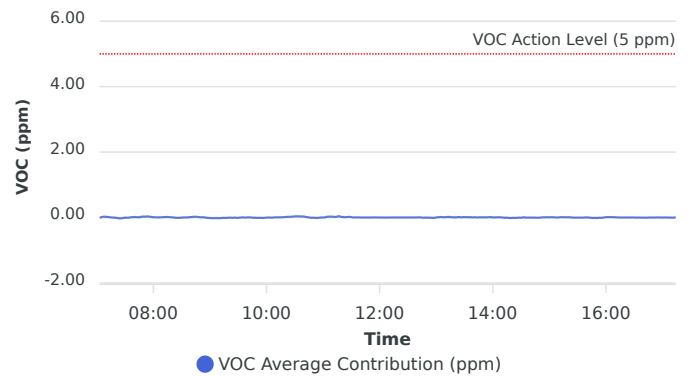
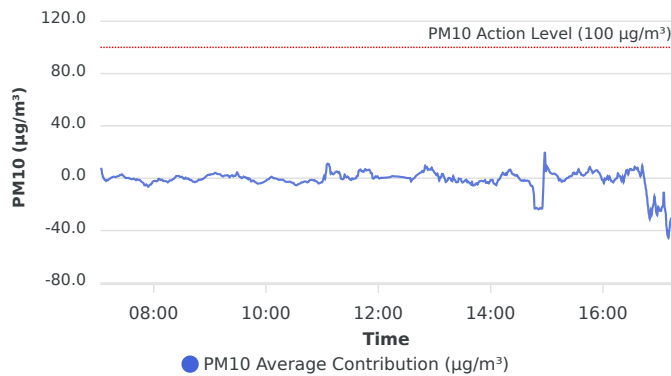
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
10/19/2023	0.2-3.7	NW

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 10/19/2023	-45.5	17:10	-0.03	07:24
Max Contribution (15 min avg.) - 10/19/2023	20.1	14:58	0.04	11:17

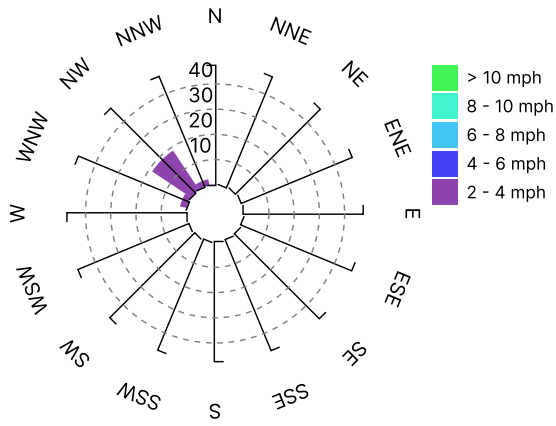


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

VOC Average Contribution (ppm)



Contribution wind rose (mph)



Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 07:03:00	0.7	8.3	7.7	0.00	0.00	0.00	1.1	SSE
10/19/2023 07:04:00	0.9	8.0	7.2	0.00	0.00	0.00	1.1	SSE
10/19/2023 07:05:00	2.8	5.6	2.8	0.00	0.01	0.01	1.0	ESE
10/19/2023 07:06:00	3.8	4.5	0.7	0.00	0.02	0.02	0.9	SE
10/19/2023 07:07:00	4.3	3.7	-0.7	0.00	0.03	0.02	0.9	SE
10/19/2023 07:08:00	4.6	3.1	-1.5	0.01	0.03	0.02	1.0	SE
10/19/2023 07:09:00	4.8	2.6	-2.1	0.01	0.03	0.03	1.0	SE
10/19/2023 07:10:00	4.2	3.0	-1.2	0.01	0.03	0.02	0.9	SSW
10/19/2023 07:11:00	4.4	2.8	-1.6	0.02	0.04	0.02	0.8	NW
10/19/2023 07:12:00	3.9	3.0	-0.9	0.02	0.03	0.01	0.8	SSE
10/19/2023 07:13:00	3.6	3.3	-0.3	0.02	0.03	0.01	0.8	WSW
10/19/2023 07:14:00	3.3	3.4	0.2	0.03	0.03	0.01	0.7	W
10/19/2023 07:15:00	3.0	3.6	0.6	0.03	0.03	0.00	0.7	WNW
10/19/2023 07:16:00	2.8	3.8	0.9	0.03	0.03	0.00	0.7	SE
10/19/2023 07:17:00	2.6	3.9	1.3	0.03	0.03	0.00	0.7	S
10/19/2023 07:18:00	2.6	3.7	1.1	0.03	0.03	0.00	0.7	SSE
10/19/2023 07:19:00	2.7	3.6	0.8	0.04	0.03	-0.01	0.6	SE
10/19/2023 07:20:00	2.8	3.9	1.1	0.04	0.03	-0.01	0.6	SSE
10/19/2023 07:21:00	2.8	4.2	1.4	0.04	0.03	-0.01	0.6	WNW
10/19/2023 07:22:00	3.1	4.6	1.5	0.05	0.03	-0.02	0.6	WNW
10/19/2023 07:23:00	3.2	5.1	1.9	0.05	0.03	-0.02	0.5	NW
10/19/2023 07:24:00	3.1	5.6	2.5	0.05	0.02	-0.03	0.5	SW
10/19/2023 07:25:00	3.5	6.0	2.5	0.05	0.03	-0.02	0.5	NNW
10/19/2023 07:26:00	3.6	6.6	3.0	0.06	0.03	-0.03	0.6	SSE
10/19/2023 07:27:00	4.2	6.4	2.2	0.05	0.03	-0.02	0.6	NNW
10/19/2023 07:28:00	4.6	6.1	1.5	0.05	0.03	-0.02	0.6	N
10/19/2023 07:29:00	5.0	5.8	0.8	0.05	0.04	-0.01	0.6	NW
10/19/2023 07:30:00	5.4	5.5	0.2	0.04	0.04	0.00	0.6	NNW
10/19/2023 07:31:00	5.4	5.6	0.2	0.05	0.04	-0.01	0.6	SSE
10/19/2023 07:32:00	5.4	5.6	0.2	0.05	0.04	-0.01	0.6	SW
10/19/2023 07:33:00	5.3	5.6	0.3	0.05	0.04	-0.01	0.6	SSE
10/19/2023 07:34:00	5.5	5.3	-0.2	0.05	0.04	0.00	0.6	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 07:35:00	5.4	5.0	-0.4	0.05	0.05	0.00	0.6	NNW
10/19/2023 07:36:00	5.3	4.6	-0.7	0.05	0.05	0.01	0.6	NW
10/19/2023 07:37:00	4.9	4.2	-0.8	0.04	0.06	0.01	0.7	NW
10/19/2023 07:38:00	4.5	4.1	-0.3	0.05	0.06	0.01	0.7	SSE
10/19/2023 07:39:00	4.3	3.9	-0.4	0.05	0.06	0.01	0.7	SSE
10/19/2023 07:40:00	4.2	3.2	-1.0	0.05	0.06	0.01	0.7	NNE
10/19/2023 07:41:00	4.2	2.6	-1.5	0.04	0.06	0.02	0.7	SE
10/19/2023 07:42:00	3.6	2.9	-0.7	0.05	0.06	0.01	0.8	SE
10/19/2023 07:43:00	3.8	2.8	-1.0	0.05	0.06	0.01	0.8	SE
10/19/2023 07:44:00	4.2	2.8	-1.4	0.05	0.06	0.01	0.8	NNE
10/19/2023 07:45:00	4.2	2.9	-1.3	0.05	0.06	0.01	0.9	NNE
10/19/2023 07:46:00	4.7	2.7	-2.0	0.05	0.07	0.01	0.9	N
10/19/2023 07:47:00	5.1	2.4	-2.7	0.05	0.07	0.02	0.9	N
10/19/2023 07:48:00	5.6	2.4	-3.2	0.05	0.07	0.03	0.9	ESE
10/19/2023 07:49:00	6.3	2.6	-3.7	0.05	0.07	0.03	1.0	SE
10/19/2023 07:50:00	8.2	2.8	-5.4	0.05	0.08	0.03	1.0	E
10/19/2023 07:51:00	8.4	2.9	-5.5	0.05	0.08	0.03	1.0	E
10/19/2023 07:52:00	8.1	3.4	-4.7	0.05	0.07	0.02	1.0	WNW
10/19/2023 07:53:00	8.7	3.1	-5.6	0.05	0.08	0.03	1.1	SE
10/19/2023 07:54:00	9.3	2.7	-6.5	0.05	0.08	0.04	1.1	E
10/19/2023 07:55:00	8.9	3.3	-5.6	0.05	0.08	0.03	1.1	WNW
10/19/2023 07:56:00	8.5	3.7	-4.8	0.05	0.07	0.02	1.1	WNW
10/19/2023 07:57:00	8.6	3.8	-4.8	0.05	0.07	0.02	1.1	WNW
10/19/2023 07:58:00	7.9	4.2	-3.7	0.05	0.07	0.02	1.1	NW
10/19/2023 07:59:00	7.2	4.6	-2.6	0.05	0.07	0.01	1.0	WNW
10/19/2023 08:00:00	6.8	4.8	-2.0	0.06	0.06	0.01	1.0	WNW
10/19/2023 08:01:00	6.7	4.7	-2.0	0.05	0.06	0.01	1.0	NW
10/19/2023 08:02:00	6.7	4.6	-2.0	0.05	0.06	0.01	1.0	NNW
10/19/2023 08:03:00	6.7	4.3	-2.4	0.05	0.06	0.01	1.0	N
10/19/2023 08:04:00	6.0	3.9	-2.0	0.05	0.06	0.00	1.0	N
10/19/2023 08:05:00	4.2	3.7	-0.5	0.05	0.05	0.00	1.0	N
10/19/2023 08:06:00	4.1	3.6	-0.5	0.05	0.05	0.00	1.0	ENE
10/19/2023 08:07:00	4.4	3.0	-1.4	0.05	0.05	0.01	0.9	NNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 08:08:00	4.3	3.0	-1.3	0.05	0.05	0.01	0.9	NNW
10/19/2023 08:09:00	4.1	3.0	-1.1	0.05	0.05	0.01	0.9	N
10/19/2023 08:10:00	4.6	2.4	-2.1	0.04	0.05	0.01	0.9	NW
10/19/2023 08:11:00	4.5	2.5	-2.1	0.04	0.05	0.01	0.8	NW
10/19/2023 08:12:00	4.6	2.5	-2.1	0.04	0.05	0.01	0.9	WNW
10/19/2023 08:13:00	4.7	2.5	-2.3	0.04	0.05	0.01	0.9	WNW
10/19/2023 08:14:00	5.0	2.5	-2.6	0.04	0.05	0.01	0.8	NW
10/19/2023 08:15:00	5.5	2.3	-3.2	0.04	0.06	0.02	0.8	NW
10/19/2023 08:16:00	5.1	2.6	-2.5	0.04	0.05	0.01	0.8	WNW
10/19/2023 08:17:00	4.8	3.1	-1.7	0.04	0.05	0.01	0.8	NW
10/19/2023 08:18:00	4.8	3.1	-1.6	0.04	0.05	0.01	0.8	NE
10/19/2023 08:19:00	4.8	3.2	-1.7	0.04	0.05	0.01	0.8	NNW
10/19/2023 08:20:00	4.5	3.6	-0.9	0.04	0.05	0.00	0.8	NW
10/19/2023 08:21:00	4.5	3.9	-0.6	0.04	0.05	0.00	0.8	NW
10/19/2023 08:22:00	4.3	4.3	0.0	0.04	0.04	0.00	0.9	NW
10/19/2023 08:23:00	3.9	4.7	0.8	0.05	0.04	-0.01	0.8	NW
10/19/2023 08:24:00	3.5	5.2	1.7	0.05	0.04	-0.01	0.9	WNW
10/19/2023 08:25:00	3.4	5.2	1.7	0.05	0.04	-0.01	0.9	NW
10/19/2023 08:26:00	3.5	5.2	1.7	0.05	0.04	-0.01	0.9	NW
10/19/2023 08:27:00	3.5	5.2	1.6	0.05	0.04	-0.01	0.9	NW
10/19/2023 08:28:00	3.8	4.8	1.0	0.04	0.04	-0.01	0.9	NNW
10/19/2023 08:29:00	3.9	4.8	1.0	0.04	0.04	-0.01	0.9	NW
10/19/2023 08:30:00	3.9	5.0	1.1	0.04	0.04	-0.01	0.9	NNW
10/19/2023 08:31:00	4.3	4.8	0.5	0.04	0.04	0.00	0.9	NW
10/19/2023 08:32:00	4.8	4.4	-0.4	0.04	0.04	0.00	0.9	NNW
10/19/2023 08:33:00	4.9	4.5	-0.4	0.04	0.04	0.00	0.9	NNW
10/19/2023 08:34:00	4.5	5.0	0.5	0.04	0.03	0.00	0.9	NW
10/19/2023 08:35:00	5.0	4.7	-0.3	0.03	0.04	0.00	0.9	NW
10/19/2023 08:36:00	5.1	4.6	-0.5	0.03	0.03	0.00	0.9	NNW
10/19/2023 08:37:00	4.9	4.7	-0.2	0.03	0.03	0.00	0.9	WSW
10/19/2023 08:38:00	5.3	4.4	-1.0	0.03	0.04	0.01	0.8	NNW
10/19/2023 08:39:00	5.8	4.3	-1.5	0.02	0.04	0.01	0.8	NNE
10/19/2023 08:40:00	5.9	4.5	-1.3	0.02	0.04	0.01	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
10/19/2023 08:41:00	6.4	4.3	-2.0	0.02	0.04	0.02	0.8	NNE
10/19/2023 08:42:00	6.8	4.1	-2.7	0.02	0.04	0.02	0.7	NNW
10/19/2023 08:43:00	6.8	4.2	-2.6	0.02	0.04	0.02	0.7	NW
10/19/2023 08:44:00	7.0	4.0	-3.0	0.01	0.04	0.03	0.7	N
10/19/2023 08:45:00	6.7	4.1	-2.5	0.02	0.04	0.02	0.7	WNW
10/19/2023 08:46:00	6.8	4.2	-2.5	0.02	0.04	0.02	0.7	NW
10/19/2023 08:47:00	6.5	4.7	-1.8	0.02	0.04	0.02	0.7	NW
10/19/2023 08:48:00	6.1	5.1	-1.0	0.02	0.03	0.01	0.7	WNW
10/19/2023 08:49:00	6.4	5.1	-1.3	0.02	0.03	0.01	0.7	WNW
10/19/2023 08:50:00	6.8	5.5	-1.2	0.03	0.03	0.01	0.7	W
10/19/2023 08:51:00	6.7	6.0	-0.7	0.03	0.03	0.00	0.8	WNW
10/19/2023 08:52:00	7.1	6.3	-0.8	0.02	0.03	0.01	0.8	NW
10/19/2023 08:53:00	7.2	6.8	-0.4	0.02	0.03	0.01	0.8	N
10/19/2023 08:54:00	6.8	7.0	0.2	0.03	0.03	0.00	0.8	NW
10/19/2023 08:55:00	6.5	7.3	0.8	0.03	0.03	0.00	0.8	WNW
10/19/2023 08:56:00	6.2	7.7	1.5	0.03	0.02	-0.01	0.8	NW
10/19/2023 08:57:00	5.9	8.1	2.2	0.03	0.02	-0.01	0.8	NW
10/19/2023 08:58:00	6.0	8.5	2.5	0.03	0.02	-0.01	0.9	WNW
10/19/2023 08:59:00	6.0	8.8	2.8	0.03	0.02	-0.01	0.8	ENE
10/19/2023 09:00:00	6.3	8.8	2.5	0.03	0.02	-0.01	0.8	WNW
10/19/2023 09:01:00	6.0	9.0	3.0	0.03	0.01	-0.02	0.8	NW
10/19/2023 09:02:00	5.9	9.0	3.1	0.03	0.01	-0.02	0.8	WNW
10/19/2023 09:03:00	5.9	9.0	3.1	0.03	0.01	-0.02	0.8	WNW
10/19/2023 09:04:00	5.6	9.0	3.3	0.03	0.01	-0.02	0.8	NW
10/19/2023 09:05:00	5.0	8.9	4.0	0.03	0.01	-0.02	0.9	NW
10/19/2023 09:06:00	4.8	8.9	4.1	0.03	0.01	-0.02	0.8	NW
10/19/2023 09:07:00	4.7	8.2	3.5	0.03	0.01	-0.02	0.8	NNW
10/19/2023 09:08:00	4.6	8.0	3.4	0.03	0.01	-0.02	0.8	NW
10/19/2023 09:09:00	4.8	7.9	3.1	0.03	0.01	-0.02	0.9	NW
10/19/2023 09:10:00	4.8	7.9	3.1	0.03	0.01	-0.02	0.9	WNW
10/19/2023 09:11:00	4.9	7.8	3.0	0.03	0.01	-0.02	0.8	S
10/19/2023 09:12:00	5.3	7.4	2.1	0.03	0.01	-0.02	0.8	NNW
10/19/2023 09:13:00	5.3	7.0	1.7	0.02	0.01	-0.01	0.7	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 09:14:00	5.2	6.5	1.3	0.02	0.01	-0.01	0.8	ENE
10/19/2023 09:15:00	4.8	6.6	1.8	0.02	0.01	-0.01	0.8	SSE
10/19/2023 09:16:00	4.7	6.8	2.1	0.02	0.01	-0.01	0.7	SSE
10/19/2023 09:17:00	4.7	6.9	2.2	0.02	0.01	-0.01	0.7	S
10/19/2023 09:18:00	4.7	6.9	2.2	0.02	0.01	-0.01	0.6	WNW
10/19/2023 09:19:00	4.7	7.0	2.3	0.02	0.01	-0.01	0.6	WNW
10/19/2023 09:20:00	5.1	6.7	1.6	0.02	0.01	-0.01	0.6	NW
10/19/2023 09:21:00	5.6	6.3	0.7	0.02	0.01	0.00	0.6	ESE
10/19/2023 09:22:00	5.2	6.9	1.6	0.02	0.01	-0.01	0.6	NW
10/19/2023 09:23:00	4.9	7.0	2.1	0.02	0.01	-0.01	0.5	NW
10/19/2023 09:24:00	4.8	7.0	2.2	0.02	0.01	-0.01	0.5	NW
10/19/2023 09:25:00	5.5	6.8	1.4	0.02	0.01	-0.01	0.6	NW
10/19/2023 09:26:00	5.5	7.3	1.8	0.02	0.01	-0.01	0.6	NW
10/19/2023 09:27:00	5.5	7.3	1.8	0.02	0.01	-0.01	0.6	NW
10/19/2023 09:28:00	5.2	7.9	2.7	0.02	0.01	-0.01	0.6	SSE
10/19/2023 09:29:00	5.0	9.6	4.5	0.03	0.01	-0.01	0.6	SSE
10/19/2023 09:30:00	6.0	9.3	3.3	0.02	0.01	-0.01	0.6	SE
10/19/2023 09:31:00	7.2	8.8	1.6	0.02	0.02	-0.01	0.6	NNE
10/19/2023 09:32:00	7.8	8.7	0.9	0.02	0.02	0.00	0.6	NNE
10/19/2023 09:33:00	8.0	8.9	0.8	0.02	0.02	0.00	0.6	WNW
10/19/2023 09:34:00	8.7	8.7	0.1	0.02	0.03	0.00	0.6	NNW
10/19/2023 09:35:00	8.7	9.2	0.5	0.02	0.03	0.00	0.7	NW
10/19/2023 09:36:00	8.4	9.7	1.3	0.03	0.03	0.00	0.7	WNW
10/19/2023 09:37:00	8.8	9.7	0.9	0.03	0.03	0.00	0.7	WNW
10/19/2023 09:38:00	9.1	9.9	0.8	0.03	0.03	0.00	0.7	NW
10/19/2023 09:39:00	9.7	9.8	0.1	0.03	0.03	0.00	0.7	NW
10/19/2023 09:40:00	9.6	9.8	0.2	0.03	0.03	0.00	0.7	NNW
10/19/2023 09:41:00	10.0	9.1	-0.9	0.03	0.03	0.01	0.7	NNW
10/19/2023 09:42:00	9.8	9.6	-0.1	0.03	0.03	0.00	0.7	NW
10/19/2023 09:43:00	10.2	9.5	-0.7	0.03	0.03	0.00	0.7	NW
10/19/2023 09:44:00	10.9	8.4	-2.5	0.03	0.03	0.00	0.7	NW
10/19/2023 09:45:00	11.0	8.8	-2.1	0.03	0.03	-0.01	0.7	NW
10/19/2023 09:46:00	11.0	9.3	-1.7	0.04	0.03	-0.01	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
10/19/2023 09:47:00	11.4	9.4	-1.9	0.04	0.03	-0.01	0.8	NW
10/19/2023 09:48:00	12.2	9.4	-2.9	0.04	0.03	-0.01	0.8	NW
10/19/2023 09:49:00	12.7	9.5	-3.2	0.04	0.03	-0.01	0.8	WNW
10/19/2023 09:50:00	13.1	9.5	-3.7	0.04	0.03	-0.01	0.8	SW
10/19/2023 09:51:00	13.5	9.4	-4.1	0.04	0.03	-0.01	0.8	NW
10/19/2023 09:52:00	13.3	9.2	-4.1	0.04	0.03	-0.01	0.8	W
10/19/2023 09:53:00	13.1	9.2	-3.9	0.04	0.04	-0.01	0.8	NW
10/19/2023 09:54:00	13.0	9.1	-3.9	0.05	0.04	-0.01	0.8	NNW
10/19/2023 09:55:00	12.9	9.3	-3.7	0.05	0.04	-0.01	0.8	NW
10/19/2023 09:56:00	12.9	9.6	-3.3	0.05	0.04	-0.01	0.8	NW
10/19/2023 09:57:00	13.1	9.9	-3.2	0.05	0.04	-0.01	0.8	NW
10/19/2023 09:58:00	13.1	10.4	-2.7	0.05	0.04	-0.01	0.8	NW
10/19/2023 09:59:00	12.8	10.5	-2.3	0.05	0.04	-0.01	0.8	NW
10/19/2023 10:00:00	12.2	10.3	-1.9	0.05	0.04	-0.01	0.8	NW
10/19/2023 10:01:00	11.3	10.2	-1.1	0.05	0.04	0.00	0.7	NW
10/19/2023 10:02:00	10.8	9.9	-0.9	0.05	0.04	0.00	0.7	NE
10/19/2023 10:03:00	10.2	9.5	-0.7	0.04	0.04	0.00	0.7	N
10/19/2023 10:04:00	9.3	9.5	0.2	0.04	0.04	-0.01	0.7	SSW
10/19/2023 10:05:00	8.8	9.5	0.8	0.04	0.04	0.00	0.7	WNW
10/19/2023 10:06:00	8.4	9.6	1.1	0.05	0.04	-0.01	0.7	NW
10/19/2023 10:07:00	8.8	9.4	0.7	0.04	0.04	0.00	0.7	NNW
10/19/2023 10:08:00	9.2	9.1	-0.1	0.04	0.05	0.00	0.7	NW
10/19/2023 10:09:00	9.1	9.1	0.0	0.04	0.05	0.00	0.7	NNW
10/19/2023 10:10:00	9.1	8.9	-0.1	0.04	0.05	0.00	0.7	N
10/19/2023 10:11:00	9.1	8.8	-0.3	0.04	0.05	0.01	0.7	ENE
10/19/2023 10:12:00	8.8	8.3	-0.5	0.05	0.05	0.00	0.7	S
10/19/2023 10:13:00	8.7	7.5	-1.1	0.04	0.05	0.00	0.7	NNE
10/19/2023 10:14:00	8.5	7.3	-1.2	0.04	0.05	0.01	0.7	NNW
10/19/2023 10:15:00	8.2	7.3	-1.0	0.04	0.05	0.01	0.7	SE
10/19/2023 10:16:00	8.4	7.2	-1.2	0.04	0.05	0.01	0.7	W
10/19/2023 10:17:00	8.4	7.3	-1.1	0.04	0.05	0.01	0.7	ENE
10/19/2023 10:18:00	8.3	7.2	-1.1	0.04	0.05	0.01	0.7	E
10/19/2023 10:19:00	8.6	6.8	-1.7	0.04	0.05	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
10/19/2023 10:20:00	8.8	6.5	-2.2	0.04	0.05	0.01	0.8	ENE
10/19/2023 10:21:00	8.9	6.3	-2.7	0.03	0.05	0.02	0.8	SE
10/19/2023 10:22:00	9.0	6.2	-2.8	0.03	0.05	0.02	0.8	NE
10/19/2023 10:23:00	8.9	6.1	-2.8	0.03	0.05	0.02	0.8	ESE
10/19/2023 10:24:00	8.8	6.0	-2.7	0.02	0.04	0.02	0.8	E
10/19/2023 10:25:00	8.7	6.1	-2.6	0.02	0.04	0.02	0.8	SE
10/19/2023 10:26:00	8.7	6.0	-2.7	0.02	0.04	0.02	0.8	NE
10/19/2023 10:27:00	8.9	5.7	-3.3	0.01	0.04	0.03	0.9	NE
10/19/2023 10:28:00	8.9	5.5	-3.4	0.01	0.04	0.03	0.9	N
10/19/2023 10:29:00	8.8	5.3	-3.5	0.01	0.04	0.03	0.9	ESE
10/19/2023 10:30:00	9.3	4.9	-4.4	0.01	0.04	0.03	0.9	ESE
10/19/2023 10:31:00	9.6	4.5	-5.1	0.00	0.04	0.04	0.9	ENE
10/19/2023 10:32:00	9.7	4.3	-5.4	0.00	0.04	0.04	0.9	ESE
10/19/2023 10:33:00	9.7	4.3	-5.4	0.00	0.04	0.04	0.9	E
10/19/2023 10:34:00	9.3	4.7	-4.6	0.01	0.04	0.03	0.9	SE
10/19/2023 10:35:00	9.2	4.7	-4.5	0.01	0.04	0.03	0.9	NNE
10/19/2023 10:36:00	9.1	5.0	-4.1	0.01	0.04	0.03	0.9	E
10/19/2023 10:37:00	9.0	5.4	-3.6	0.01	0.04	0.03	0.9	NNW
10/19/2023 10:38:00	9.0	5.9	-3.1	0.01	0.04	0.03	0.9	ESE
10/19/2023 10:39:00	9.1	5.8	-3.2	0.01	0.04	0.03	0.9	NNW
10/19/2023 10:40:00	8.9	6.1	-2.9	0.01	0.04	0.03	0.8	WSW
10/19/2023 10:41:00	8.8	6.4	-2.5	0.02	0.04	0.02	0.8	WSW
10/19/2023 10:42:00	9.2	6.7	-2.5	0.02	0.04	0.02	0.7	NW
10/19/2023 10:43:00	9.6	7.0	-2.6	0.03	0.04	0.01	0.7	S
10/19/2023 10:44:00	10.5	7.3	-3.2	0.03	0.04	0.01	0.7	SE
10/19/2023 10:45:00	10.6	7.7	-2.9	0.03	0.03	0.00	0.7	SSE
10/19/2023 10:46:00	10.1	8.1	-2.0	0.03	0.03	0.00	0.7	SE
10/19/2023 10:47:00	9.8	8.4	-1.4	0.04	0.03	-0.01	0.7	WNW
10/19/2023 10:48:00	9.8	8.6	-1.3	0.04	0.03	-0.01	0.6	SE
10/19/2023 10:49:00	9.9	8.5	-1.4	0.04	0.03	-0.01	0.7	SSE
10/19/2023 10:50:00	9.8	8.4	-1.4	0.04	0.03	-0.01	0.7	NNW
10/19/2023 10:51:00	9.6	7.9	-1.8	0.04	0.03	-0.01	0.6	N
10/19/2023 10:52:00	9.1	7.6	-1.5	0.04	0.02	-0.01	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
10/19/2023 10:53:00	9.0	6.8	-2.2	0.03	0.02	-0.01	0.6	NNE
10/19/2023 10:54:00	9.0	6.6	-2.4	0.03	0.02	-0.01	0.6	NNW
10/19/2023 10:55:00	9.2	6.1	-3.1	0.03	0.02	-0.01	0.7	E
10/19/2023 10:56:00	9.6	5.6	-4.0	0.03	0.02	-0.01	0.7	N
10/19/2023 10:57:00				0.02	0.02	0.00	0.7	NE
10/19/2023 10:58:00				0.02	0.02	0.00	0.7	ESE
10/19/2023 10:59:00				0.02	0.02	0.00	0.7	SE
10/19/2023 11:00:00	11.6	8.5	-3.1	0.01	0.02	0.00	0.8	SSE
10/19/2023 11:01:00	10.3	9.2	-1.1	0.01	0.02	0.00	0.8	SSE
10/19/2023 11:02:00	9.8	11.6	1.8	0.01	0.01	0.00	0.9	SSE
10/19/2023 11:03:00	12.7	12.2	-0.5	0.01	0.03	0.01	0.8	WSW
10/19/2023 11:04:00	13.1	17.5	4.4	0.01	0.03	0.02	0.8	WSW
10/19/2023 11:05:00	12.9	23.4	10.5	0.01	0.04	0.02	0.8	WNW
10/19/2023 11:06:00	13.3	24.4	11.1	0.01	0.04	0.02	0.8	W
10/19/2023 11:07:00	13.4	24.2	10.8	0.02	0.04	0.03	0.8	S
10/19/2023 11:08:00	14.4	23.1	8.7	0.02	0.05	0.03	0.8	NW
10/19/2023 11:09:00	18.3	21.8	3.5	0.02	0.05	0.03	0.8	WNW
10/19/2023 11:10:00	17.8	22.0	4.3	0.02	0.05	0.03	0.8	N
10/19/2023 11:11:00	17.8	21.1	3.3	0.02	0.05	0.02	0.8	SE
10/19/2023 11:12:00	17.5	20.5	3.0	0.03	0.04	0.02	0.8	SSE
10/19/2023 11:13:00	17.0	20.8	3.8	0.03	0.04	0.02	0.8	WSW
10/19/2023 11:14:00	16.9	21.6	4.6	0.03	0.05	0.02	0.7	W
10/19/2023 11:15:00	17.5	22.6	5.1	0.03	0.06	0.03	0.7	SSE
10/19/2023 11:16:00	18.1	23.2	5.1	0.03	0.06	0.04	0.7	WSW
10/19/2023 11:17:00	18.9	23.1	4.2	0.03	0.07	0.04	0.7	NW
10/19/2023 11:18:00	18.7	23.4	4.7	0.03	0.06	0.03	0.7	S
10/19/2023 11:19:00	18.8	21.7	2.9	0.03	0.05	0.02	0.7	WNW
10/19/2023 11:20:00	19.3	19.0	-0.3	0.03	0.04	0.02	0.7	NW
10/19/2023 11:21:00	18.9	18.3	-0.7	0.03	0.04	0.01	0.7	NNW
10/19/2023 11:22:00	18.6	17.8	-0.8	0.03	0.04	0.01	0.7	NNE
10/19/2023 11:23:00	17.9	17.6	-0.3	0.03	0.04	0.01	0.7	N
10/19/2023 11:24:00	15.1	17.8	2.7	0.03	0.04	0.01	0.7	WNW
10/19/2023 11:25:00	15.7	17.0	1.3	0.03	0.04	0.01	0.7	SW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 11:26:00	16.2	16.9	0.7	0.03	0.04	0.01	0.7	SE
10/19/2023 11:27:00	15.9	17.2	1.3	0.03	0.04	0.02	0.7	NNW
10/19/2023 11:28:00	15.7	16.4	0.7	0.03	0.04	0.02	0.7	NW
10/19/2023 11:29:00	15.6	15.0	-0.6	0.03	0.04	0.02	0.8	WSW
10/19/2023 11:30:00	15.3	14.2	-1.0	0.02	0.03	0.01	0.7	S
10/19/2023 11:31:00	15.2	13.8	-1.4	0.02	0.03	0.00	0.7	NW
10/19/2023 11:32:00	14.6	14.5	-0.1	0.02	0.02	0.00	0.7	NE
10/19/2023 11:33:00	14.7	14.0	-0.7	0.02	0.02	0.00	0.7	W
10/19/2023 11:34:00	14.3	13.9	-0.4	0.02	0.02	0.00	0.7	NW
10/19/2023 11:35:00	14.2	14.1	-0.1	0.02	0.02	0.00	0.7	SE
10/19/2023 11:36:00	14.9	14.8	-0.1	0.01	0.02	0.00	0.8	SSE
10/19/2023 11:37:00	16.0	17.6	1.6	0.01	0.01	0.00	0.8	NW
10/19/2023 11:38:00	16.6	18.3	1.7	0.01	0.01	0.00	0.8	S
10/19/2023 11:39:00	17.2	22.7	5.5	0.01	0.01	0.00	0.8	NW
10/19/2023 11:40:00	17.0	23.4	6.4	0.01	0.01	0.00	0.9	ESE
10/19/2023 11:41:00	16.7	23.4	6.7	0.01	0.01	0.00	0.9	SE
10/19/2023 11:42:00	17.6	22.9	5.3	0.01	0.00	0.00	0.9	SSW
10/19/2023 11:43:00	17.9	23.3	5.5	0.01	0.00	0.00	0.9	NNW
10/19/2023 11:44:00	18.6	23.4	4.8	0.00	0.00	0.00	0.9	SSW
10/19/2023 11:45:00	18.3	24.2	5.9	0.00	0.00	0.00	0.9	NE
10/19/2023 11:46:00	17.7	24.7	7.0	0.00	0.00	0.00	0.9	SE
10/19/2023 11:47:00	17.9	23.8	5.9	0.00	0.00	0.00	1.0	SSE
10/19/2023 11:48:00	17.7	23.9	6.2	0.00	0.00	0.00	1.0	WNW
10/19/2023 11:49:00	17.6	23.9	6.3	0.00	0.00	0.00	1.0	SE
10/19/2023 11:50:00	17.1	23.7	6.5	0.00	0.00	0.00	0.9	SSE
10/19/2023 11:51:00	16.3	22.2	5.9	0.00	0.00	0.00	0.9	SE
10/19/2023 11:52:00	15.1	18.9	3.8	0.00	0.00	0.00	0.9	NNE
10/19/2023 11:53:00	14.1	17.9	3.8	0.00	0.00	0.00	0.9	SSE
10/19/2023 11:54:00	13.1	13.0	-0.1	0.00	0.00	0.00	0.9	NW
10/19/2023 11:55:00	12.2	11.9	-0.3	0.00	0.00	0.00	0.8	WNW
10/19/2023 11:56:00	11.2	11.7	0.5	0.00	0.00	0.00	0.8	NW
10/19/2023 11:57:00	10.1	11.5	1.4	0.00	0.00	0.00	0.8	SSE
10/19/2023 11:58:00	9.7	10.6	0.9	0.00	0.00	0.00	0.7	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 11:59:00	8.6	10.1	1.5	0.00	0.00	0.00	0.7	SW
10/19/2023 12:00:00	8.4	8.8	0.4	0.00	0.00	0.00	0.7	SE
10/19/2023 12:01:00	8.1	7.8	-0.3	0.00	0.00	0.00	0.7	SE
10/19/2023 12:02:00	7.3	7.4	0.1	0.00	0.00	0.00	0.7	W
10/19/2023 12:03:00	6.5	6.9	0.4	0.00	0.00	0.00	0.7	WSW
10/19/2023 12:04:00	5.9	6.2	0.3	0.00	0.00	0.00	0.7	SSW
10/19/2023 12:05:00	5.5	5.9	0.3	0.00	0.00	0.00	0.7	S
10/19/2023 12:06:00	5.2	5.6	0.3	0.00	0.00	0.00	0.7	S
10/19/2023 12:07:00	5.0	5.4	0.4	0.00	0.00	0.00	0.7	SSW
10/19/2023 12:08:00	4.8	5.3	0.5	0.00	0.00	0.00	0.7	W
10/19/2023 12:09:00	4.7	5.2	0.5	0.00	0.00	0.00	0.7	WSW
10/19/2023 12:10:00	4.6	5.2	0.6	0.00	0.00	0.00	0.8	WNW
10/19/2023 12:11:00	4.5	5.2	0.7	0.00	0.00	0.00	0.8	SSE
10/19/2023 12:12:00	4.4	5.2	0.8	0.00	0.00	0.00	0.8	WNW
10/19/2023 12:13:00	4.3	5.3	1.0	0.00	0.00	0.00	0.8	WNW
10/19/2023 12:14:00	4.0	5.3	1.4	0.00	0.00	0.00	0.8	WNW
10/19/2023 12:15:00	3.8	5.4	1.7	0.00	0.00	0.00	0.8	SSW
10/19/2023 12:16:00	3.9	5.3	1.5	0.00	0.00	0.00	0.8	ESE
10/19/2023 12:17:00	3.9	5.4	1.4	0.00	0.00	0.00	0.8	WNW
10/19/2023 12:18:00	4.0	5.4	1.4	0.00	0.00	0.00	0.8	NW
10/19/2023 12:19:00	4.0	5.5	1.4	0.00	0.00	0.00	0.8	SSE
10/19/2023 12:20:00	4.2	5.5	1.3	0.00	0.00	0.00	0.8	WNW
10/19/2023 12:21:00	4.2	5.5	1.3	0.00	0.00	0.00	0.8	NNW
10/19/2023 12:22:00	4.3	5.6	1.2	0.00	0.00	0.00	0.7	NNE
10/19/2023 12:23:00	4.5	5.5	1.1	0.00	0.00	0.00	0.7	SSW
10/19/2023 12:24:00	4.5	5.5	1.0	0.00	0.00	0.00	0.7	SSE
10/19/2023 12:25:00	4.6	5.5	0.9	0.00	0.00	0.00	0.7	WNW
10/19/2023 12:26:00	4.6	5.4	0.8	0.00	0.00	0.00	0.7	SE
10/19/2023 12:27:00	4.5	5.3	0.8	0.00	0.00	0.00	0.7	SSE
10/19/2023 12:28:00	4.6	5.2	0.6	0.00	0.00	0.00	0.7	SE
10/19/2023 12:29:00	4.7	5.1	0.4	0.00	0.00	0.00	0.7	WNW
10/19/2023 12:30:00	4.9	5.0	0.2	0.00	0.00	0.00	0.7	SSE
10/19/2023 12:31:00	5.0	5.2	0.2	0.00	0.00	0.00	0.7	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
10/19/2023 12:32:00	5.2	5.3	0.2	0.00	0.00	0.00	0.7	S
10/19/2023 12:33:00	5.3	5.4	0.1	0.00	0.00	0.00	0.7	WNW
10/19/2023 12:34:00	5.6	5.8	0.1	0.00	0.00	0.00	0.8	E
10/19/2023 12:35:00	8.4	5.8	-2.5	0.00	0.00	0.00	0.7	SE
10/19/2023 12:36:00	8.5	7.4	-1.1	0.00	0.00	0.00	0.7	N
10/19/2023 12:37:00	8.7	8.1	-0.6	0.00	0.00	0.00	0.7	SE
10/19/2023 12:38:00	9.0	8.9	-0.1	0.00	0.00	0.00	0.7	N
10/19/2023 12:39:00	9.4	10.0	0.6	0.00	0.00	0.00	0.7	NE
10/19/2023 12:40:00	9.7	11.3	1.6	0.00	0.00	0.00	0.7	ESE
10/19/2023 12:41:00	10.2	12.5	2.3	0.00	0.00	0.00	0.7	NNW
10/19/2023 12:42:00	10.7	13.6	2.8	0.00	0.00	0.00	0.7	NE
10/19/2023 12:43:00	11.1	14.4	3.3	0.00	0.00	0.00	0.7	NNW
10/19/2023 12:44:00	11.3	15.2	3.9	0.01	0.00	0.00	0.7	NNW
10/19/2023 12:45:00	11.8	16.0	4.1	0.01	0.00	-0.01	0.7	ENE
10/19/2023 12:46:00	12.1	16.7	4.6	0.01	0.00	-0.01	0.7	ESE
10/19/2023 12:47:00	12.3	17.9	5.6	0.01	0.00	-0.01	0.7	E
10/19/2023 12:48:00	13.3	18.0	4.7	0.01	0.00	-0.01	0.7	SE
10/19/2023 12:49:00	13.5	19.4	5.9	0.01	0.00	-0.01	0.6	ESE
10/19/2023 12:50:00	11.5	20.9	9.5	0.01	0.00	-0.01	0.7	ESE
10/19/2023 12:51:00	12.6	20.5	7.8	0.01	0.00	-0.01	0.8	SSE
10/19/2023 12:52:00	13.0	21.5	8.5	0.01	0.00	-0.01	0.8	NW
10/19/2023 12:53:00	14.4	20.9	6.4	0.01	0.01	-0.01	0.8	NW
10/19/2023 12:54:00	15.2	22.1	6.9	0.01	0.00	-0.01	0.8	E
10/19/2023 12:55:00	18.0	24.6	6.6	0.01	0.00	-0.01	0.8	NNW
10/19/2023 12:56:00	19.1	25.6	6.6	0.01	0.00	-0.01	0.7	N
10/19/2023 12:57:00	19.3	27.5	8.1	0.01	0.00	-0.01	0.7	NE
10/19/2023 12:58:00	20.9	27.2	6.3	0.01	0.00	-0.01	0.9	WNW
10/19/2023 12:59:00	22.3	27.8	5.5	0.01	0.00	-0.01	0.9	NW
10/19/2023 13:00:00	24.3	28.5	4.1	0.01	0.01	0.00	1.0	NW
10/19/2023 13:01:00	25.5	29.1	3.5	0.01	0.01	0.00	1.1	WNW
10/19/2023 13:02:00	26.6	28.9	2.3	0.01	0.02	0.01	1.3	WNW
10/19/2023 13:03:00	26.1	29.8	3.6	0.02	0.02	0.01	1.4	NNW
10/19/2023 13:04:00	27.4	28.9	1.5	0.02	0.03	0.01	1.5	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
10/19/2023 13:05:00	29.7	27.9	-1.8	0.02	0.03	0.01	1.6	WNW
10/19/2023 13:06:00	29.3	29.9	0.6	0.02	0.03	0.01	1.7	NW
10/19/2023 13:07:00	29.7	30.4	0.7	0.02	0.03	0.01	1.7	NW
10/19/2023 13:08:00	29.0	32.3	3.3	0.02	0.03	0.01	1.8	NW
10/19/2023 13:09:00	28.6	31.8	3.2	0.02	0.03	0.01	1.9	NW
10/19/2023 13:10:00	27.6	29.0	1.4	0.02	0.03	0.01	2.0	NW
10/19/2023 13:11:00	27.9	27.6	-0.4	0.02	0.04	0.01	2.2	WNW
10/19/2023 13:12:00	28.2	25.4	-2.9	0.02	0.04	0.01	2.4	NW
10/19/2023 13:13:00	27.7	25.3	-2.4	0.02	0.04	0.02	2.4	WNW
10/19/2023 13:14:00	26.8	25.4	-1.4	0.03	0.04	0.01	2.4	NNW
10/19/2023 13:15:00	25.4	25.6	0.2	0.03	0.04	0.02	2.3	NW
10/19/2023 13:16:00	25.1	25.4	0.3	0.03	0.03	0.01	2.2	NNW
10/19/2023 13:17:00	25.4	25.0	-0.4	0.02	0.03	0.00	2.2	NW
10/19/2023 13:18:00	26.5	24.7	-1.9	0.02	0.03	0.01	2.1	NW
10/19/2023 13:19:00	26.6	24.3	-2.2	0.02	0.03	0.01	2.1	WNW
10/19/2023 13:20:00	24.1	25.8	1.7	0.02	0.02	0.00	2.1	NW
10/19/2023 13:21:00	24.5	23.7	-0.8	0.02	0.03	0.01	2.1	NW
10/19/2023 13:22:00	24.1	22.7	-1.4	0.03	0.03	0.00	2.1	NW
10/19/2023 13:23:00	24.2	21.2	-3.0	0.02	0.04	0.01	2.1	NW
10/19/2023 13:24:00	24.0	20.9	-3.1	0.02	0.04	0.01	2.2	NW
10/19/2023 13:25:00	23.8	20.8	-2.9	0.02	0.03	0.01	2.2	NW
10/19/2023 13:26:00	22.7	22.5	-0.2	0.03	0.03	0.01	2.2	NW
10/19/2023 13:27:00	23.1	22.7	-0.5	0.03	0.03	0.01	2.0	WNW
10/19/2023 13:28:00	23.5	22.9	-0.6	0.03	0.03	0.01	2.0	WNW
10/19/2023 13:29:00	24.6	22.1	-2.4	0.02	0.04	0.01	2.1	NW
10/19/2023 13:30:00	24.6	21.3	-3.3	0.02	0.03	0.01	2.1	WNW
10/19/2023 13:31:00	23.6	21.0	-2.7	0.02	0.03	0.01	2.1	NNW
10/19/2023 13:32:00	22.9	20.6	-2.3	0.02	0.03	0.01	2.0	WSW
10/19/2023 13:33:00	21.9	20.5	-1.5	0.02	0.03	0.01	2.0	SSE
10/19/2023 13:34:00	21.3	20.2	-1.1	0.02	0.03	0.01	2.0	NW
10/19/2023 13:35:00	21.7	18.7	-3.1	0.01	0.03	0.01	2.0	NW
10/19/2023 13:36:00	21.5	19.0	-2.5	0.01	0.02	0.00	2.0	WNW
10/19/2023 13:37:00	22.3	18.9	-3.4	0.01	0.02	0.01	1.9	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 13:38:00	22.8	19.1	-3.8	0.01	0.01	0.00	1.9	NW
10/19/2023 13:39:00	23.5	18.6	-4.8	0.01	0.01	0.01	1.7	WNW
10/19/2023 13:40:00	21.9	19.2	-2.8	0.01	0.01	0.00	1.7	NW
10/19/2023 13:41:00	22.4	16.8	-5.6	0.01	0.01	0.01	1.6	NW
10/19/2023 13:42:00	22.1	16.6	-5.5	0.01	0.01	0.01	1.6	WSW
10/19/2023 13:43:00	21.8	16.5	-5.2	0.01	0.01	0.00	1.6	NW
10/19/2023 13:44:00	21.4	17.3	-4.1	0.01	0.01	0.00	1.5	NW
10/19/2023 13:45:00	21.3	17.4	-3.9	0.01	0.01	0.00	1.5	WNW
10/19/2023 13:46:00	21.9	17.0	-4.9	0.01	0.01	0.01	1.5	NW
10/19/2023 13:47:00	21.4	18.1	-3.3	0.01	0.01	0.01	1.5	NW
10/19/2023 13:48:00	21.0	18.6	-2.3	0.01	0.01	0.01	1.5	NW
10/19/2023 13:49:00	21.1	18.9	-2.1	0.01	0.01	0.01	1.5	NW
10/19/2023 13:50:00	21.1	19.2	-1.9	0.01	0.01	0.01	1.4	SSE
10/19/2023 13:51:00	21.2	19.1	-2.1	0.01	0.01	0.00	1.3	ESE
10/19/2023 13:52:00	21.3	18.9	-2.4	0.01	0.01	0.01	1.3	WSW
10/19/2023 13:53:00	20.9	19.0	-1.9	0.01	0.01	0.01	1.2	NW
10/19/2023 13:54:00	20.8	19.4	-1.4	0.01	0.01	0.00	1.3	NW
10/19/2023 13:55:00	22.6	19.0	-3.6	0.01	0.02	0.01	1.3	NW
10/19/2023 13:56:00	23.3	19.9	-3.4	0.01	0.01	0.01	1.4	NW
10/19/2023 13:57:00	24.1	21.1	-3.0	0.01	0.01	0.01	1.5	NNW
10/19/2023 13:58:00	25.7	21.8	-3.9	0.01	0.02	0.01	1.6	NW
10/19/2023 13:59:00	25.9	23.3	-2.6	0.02	0.02	0.01	1.6	N
10/19/2023 14:00:00	26.6	25.4	-1.3	0.02	0.02	0.00	1.6	NW
10/19/2023 14:01:00	27.9	26.4	-1.5	0.02	0.02	0.00	1.7	NW
10/19/2023 14:02:00	28.8	27.5	-1.2	0.02	0.02	0.00	1.8	NW
10/19/2023 14:03:00	31.4	27.8	-3.6	0.02	0.02	0.00	1.8	NW
10/19/2023 14:04:00	32.7	28.4	-4.3	0.02	0.03	0.01	2.0	NW
10/19/2023 14:05:00	33.7	28.9	-4.8	0.02	0.03	0.01	2.0	NW
10/19/2023 14:06:00	35.0	29.7	-5.3	0.02	0.03	0.01	2.1	NNW
10/19/2023 14:07:00	34.9	31.7	-3.2	0.02	0.03	0.01	2.3	NW
10/19/2023 14:08:00	34.8	33.6	-1.2	0.03	0.03	0.01	2.4	NNW
10/19/2023 14:09:00	35.0	33.8	-1.2	0.03	0.03	0.00	2.3	NNW
10/19/2023 14:10:00	34.2	34.1	-0.1	0.03	0.03	0.00	2.2	NNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 14:11:00	33.6	35.3	1.7	0.03	0.03	0.00	2.2	NW
10/19/2023 14:12:00	33.0	35.7	2.7	0.03	0.03	-0.01	2.3	NW
10/19/2023 14:13:00	32.3	36.5	4.2	0.03	0.02	-0.01	2.2	NNW
10/19/2023 14:14:00	32.3	35.2	3.0	0.03	0.02	-0.01	2.2	WNW
10/19/2023 14:15:00	31.5	34.1	2.6	0.02	0.02	-0.01	2.1	NW
10/19/2023 14:16:00	30.3	34.0	3.7	0.03	0.01	-0.01	2.1	NW
10/19/2023 14:17:00	30.2	32.7	2.5	0.03	0.01	-0.01	2.0	NW
10/19/2023 14:18:00	28.1	32.5	4.5	0.03	0.01	-0.02	2.1	NW
10/19/2023 14:19:00	27.1	32.5	5.5	0.03	0.01	-0.02	2.0	NW
10/19/2023 14:20:00	26.2	32.8	6.5	0.03	0.01	-0.01	2.0	NW
10/19/2023 14:21:00	25.5	32.0	6.5	0.03	0.02	-0.01	2.0	WNW
10/19/2023 14:22:00	25.6	30.7	5.1	0.03	0.01	-0.01	2.1	NW
10/19/2023 14:23:00	26.2	29.6	3.4	0.03	0.01	-0.01	2.0	NW
10/19/2023 14:24:00	25.8	28.7	2.9	0.03	0.02	-0.01	2.0	NW
10/19/2023 14:25:00	25.7	28.6	2.9	0.03	0.02	-0.01	2.0	NNW
10/19/2023 14:26:00	25.5	27.6	2.1	0.03	0.01	-0.01	2.0	NW
10/19/2023 14:27:00	25.3	27.2	2.0	0.02	0.01	-0.01	1.9	NW
10/19/2023 14:28:00	24.5	27.0	2.5	0.02	0.01	-0.01	2.0	NW
10/19/2023 14:29:00	25.3	26.8	1.5	0.02	0.01	-0.01	2.0	NW
10/19/2023 14:30:00	25.7	26.0	0.3	0.02	0.01	-0.01	2.0	NNW
10/19/2023 14:31:00	26.0	25.4	-0.6	0.01	0.01	0.00	2.1	WNW
10/19/2023 14:32:00	26.3	24.9	-1.5	0.01	0.01	0.00	2.1	NW
10/19/2023 14:33:00	26.4	24.4	-2.0	0.01	0.01	0.01	2.0	NW
10/19/2023 14:34:00	25.8	24.1	-1.7	0.01	0.01	0.00	2.0	NW
10/19/2023 14:35:00	25.8	23.8	-2.1	0.01	0.01	-0.01	2.0	NNW
10/19/2023 14:36:00	25.3	23.9	-1.4	0.01	0.01	0.00	1.9	NW
10/19/2023 14:37:00	25.8	24.0	-1.8	0.01	0.01	0.00	1.9	NW
10/19/2023 14:38:00	25.9	23.9	-2.0	0.01	0.01	0.00	2.0	NW
10/19/2023 14:39:00	25.9	24.1	-1.8	0.01	0.01	-0.01	1.9	NW
10/19/2023 14:40:00	26.2	24.1	-2.0	0.01	0.01	0.00	1.9	NNW
10/19/2023 14:41:00	26.3	24.1	-2.2	0.01	0.01	0.00	1.9	NW
10/19/2023 14:42:00	27.2	23.1	-4.1	0.01	0.01	-0.01	1.8	NNW
10/19/2023 14:43:00	27.9	22.2	-5.8	0.01	0.01	0.00	1.8	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
10/19/2023 14:44:00	27.9	22.1	-5.8	0.01	0.01	0.00	1.8	NW
10/19/2023 14:45:00	29.3	22.6	-6.7	0.01	0.01	-0.01	1.9	NW
10/19/2023 14:46:00	34.2	22.9	-11.3	0.01	0.01	-0.01	1.9	NW
10/19/2023 14:47:00	47.6	24.5	-23.1	0.01	0.01	-0.01	2.0	WNW
10/19/2023 14:48:00	50.2	27.0	-23.3	0.01	0.01	-0.01	2.1	NNW
10/19/2023 14:49:00	51.3	28.6	-22.7	0.01	0.01	-0.01	2.1	NW
10/19/2023 14:50:00	51.8	28.8	-23.0	0.01	0.01	0.00	2.1	NW
10/19/2023 14:51:00	52.1	28.4	-23.7	0.01	0.01	0.00	2.2	NW
10/19/2023 14:52:00	51.6	28.3	-23.3	0.01	0.01	0.00	2.2	NW
10/19/2023 14:53:00	51.5	28.8	-22.7	0.01	0.01	0.00	2.2	WNW
10/19/2023 14:54:00	52.5	29.3	-23.2	0.01	0.01	0.00	2.3	NW
10/19/2023 14:55:00	52.6	29.4	-23.2	0.01	0.01	0.00	2.5	NW
10/19/2023 14:56:00				0.01	0.01	0.01	2.6	NW
10/19/2023 14:57:00				0.00	0.01	0.01	2.7	NW
10/19/2023 14:58:00	15.3	35.4	20.1	0.00	0.01	0.01	2.7	NNW
10/19/2023 14:59:00	20.7	25.5	4.8	0.00	0.01	0.01	2.7	NW
10/19/2023 15:00:00	19.2	28.5	9.3	0.00	0.01	0.01	2.7	NW
10/19/2023 15:01:00	18.1	26.1	8.0	0.00	0.01	0.01	2.7	NW
10/19/2023 15:02:00	16.5	23.1	6.6	0.00	0.01	0.01	2.8	NW
10/19/2023 15:03:00	15.5	20.5	5.0	0.00	0.01	0.01	2.7	NW
10/19/2023 15:04:00	14.8	18.8	4.0	0.00	0.01	0.01	2.7	NW
10/19/2023 15:05:00	14.3	17.9	3.6	0.00	0.01	0.01	2.8	NNW
10/19/2023 15:06:00	14.8	18.1	3.3	0.00	0.01	0.00	2.8	NW
10/19/2023 15:07:00	15.4	18.8	3.4	0.00	0.00	0.00	2.8	NNW
10/19/2023 15:08:00	15.7	19.2	3.5	0.00	0.00	0.00	2.8	NNW
10/19/2023 15:09:00	16.0	19.3	3.3	0.00	0.00	0.00	2.7	WNW
10/19/2023 15:10:00	16.3	18.9	2.6	0.00	0.01	0.00	2.6	NW
10/19/2023 15:11:00	16.5	18.4	1.9	0.00	0.01	0.01	2.5	NW
10/19/2023 15:12:00	17.1	18.0	0.9	0.00	0.01	0.01	2.5	NW
10/19/2023 15:13:00	18.3	16.5	-1.8	0.00	0.01	0.01	2.6	NW
10/19/2023 15:14:00	18.1	17.4	-0.7	0.01	0.01	0.01	2.6	NW
10/19/2023 15:15:00	18.6	17.0	-1.6	0.01	0.01	0.01	2.6	NW
10/19/2023 15:16:00	19.4	16.6	-2.8	0.01	0.01	0.01	2.6	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
10/19/2023 15:17:00	19.9	18.1	-1.8	0.01	0.01	0.01	2.5	NW
10/19/2023 15:18:00	21.6	19.4	-2.1	0.01	0.01	0.01	2.5	NW
10/19/2023 15:19:00	22.9	20.9	-2.0	0.01	0.01	0.01	2.5	NW
10/19/2023 15:20:00	23.0	22.0	-0.9	0.01	0.01	0.01	2.4	NW
10/19/2023 15:21:00	22.4	22.2	-0.2	0.01	0.01	0.01	2.4	NW
10/19/2023 15:22:00	21.8	22.0	0.2	0.01	0.01	0.01	2.4	NW
10/19/2023 15:23:00	21.6	22.0	0.4	0.01	0.01	0.00	2.4	NNW
10/19/2023 15:24:00	21.1	22.3	1.3	0.01	0.01	0.00	2.4	NNW
10/19/2023 15:25:00	21.0	22.6	1.5	0.01	0.01	0.00	2.3	NW
10/19/2023 15:26:00	21.2	22.7	1.5	0.01	0.01	0.00	2.2	NW
10/19/2023 15:27:00	20.6	22.7	2.0	0.01	0.01	-0.01	2.2	NW
10/19/2023 15:28:00	19.3	23.4	4.0	0.01	0.01	-0.01	2.2	NW
10/19/2023 15:29:00	18.7	23.1	4.4	0.01	0.01	-0.01	2.1	NNW
10/19/2023 15:30:00	19.1	22.3	3.2	0.01	0.01	0.00	2.1	WNW
10/19/2023 15:31:00	18.9	22.4	3.6	0.01	0.01	-0.01	2.0	NW
10/19/2023 15:32:00	18.8	21.9	3.1	0.01	0.01	0.00	2.0	NW
10/19/2023 15:33:00	17.5	22.7	5.2	0.01	0.01	0.00	2.0	NW
10/19/2023 15:34:00	16.4	23.3	6.9	0.01	0.01	-0.01	1.9	NW
10/19/2023 15:35:00	17.6	22.3	4.7	0.01	0.01	0.00	2.0	NW
10/19/2023 15:36:00	17.9	22.1	4.2	0.01	0.01	-0.01	2.0	NNW
10/19/2023 15:37:00	18.9	21.4	2.6	0.01	0.01	0.00	2.0	NW
10/19/2023 15:38:00	18.7	21.1	2.4	0.01	0.01	0.00	2.0	NW
10/19/2023 15:39:00	18.8	20.7	1.9	0.01	0.01	0.00	2.0	NW
10/19/2023 15:40:00	18.9	21.2	2.3	0.01	0.01	0.00	2.1	NW
10/19/2023 15:41:00	19.4	22.2	2.8	0.01	0.00	0.00	2.1	NW
10/19/2023 15:42:00	19.5	23.6	4.1	0.01	0.00	0.00	2.1	NW
10/19/2023 15:43:00	19.8	24.0	4.2	0.01	0.00	-0.01	2.0	NNW
10/19/2023 15:44:00	20.1	24.9	4.8	0.01	0.00	-0.01	2.1	NW
10/19/2023 15:45:00	19.2	26.6	7.3	0.02	0.00	-0.01	2.1	NNW
10/19/2023 15:46:00	19.1	27.7	8.6	0.02	0.00	-0.02	2.2	NW
10/19/2023 15:47:00	20.3	27.1	6.8	0.02	0.01	-0.01	2.1	NW
10/19/2023 15:48:00	20.1	25.9	5.8	0.02	0.01	-0.01	2.1	NW
10/19/2023 15:49:00	20.4	24.3	3.9	0.02	0.01	-0.01	2.1	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 15:50:00	19.9	24.4	4.6	0.02	0.00	-0.01	2.0	NW
10/19/2023 15:51:00	19.5	24.8	5.3	0.02	0.00	-0.01	2.0	NW
10/19/2023 15:52:00	19.2	24.9	5.7	0.02	0.01	-0.01	1.9	NW
10/19/2023 15:53:00	20.1	26.2	6.1	0.02	0.01	-0.01	1.9	WNW
10/19/2023 15:54:00	20.9	26.9	6.0	0.02	0.01	-0.01	1.9	NW
10/19/2023 15:55:00	21.5	26.1	4.6	0.02	0.01	-0.01	2.0	NW
10/19/2023 15:56:00	21.5	25.8	4.3	0.02	0.01	-0.01	2.1	NW
10/19/2023 15:57:00	21.8	24.6	2.8	0.02	0.01	-0.01	2.0	NW
10/19/2023 15:58:00	22.4	23.6	1.1	0.01	0.01	0.00	2.0	WSW
10/19/2023 15:59:00	23.0	21.8	-1.3	0.01	0.01	0.01	1.9	WNW
10/19/2023 16:00:00	22.8	21.1	-1.7	0.01	0.01	0.01	1.8	NW
10/19/2023 16:01:00	23.4	19.6	-3.8	0.00	0.01	0.01	1.8	W
10/19/2023 16:02:00	21.7	21.5	-0.2	0.00	0.01	0.01	1.7	NW
10/19/2023 16:03:00	26.6	25.4	-1.2	0.00	0.01	0.01	1.7	NNW
10/19/2023 16:04:00	29.9	29.4	-0.5	0.00	0.01	0.01	1.6	NW
10/19/2023 16:05:00	29.4	31.1	1.6	0.00	0.01	0.01	1.6	NW
10/19/2023 16:06:00	31.2	30.3	-0.9	0.00	0.01	0.01	1.7	NW
10/19/2023 16:07:00	30.9	32.2	1.3	0.00	0.01	0.01	1.7	NW
10/19/2023 16:08:00	31.8	30.8	-1.0	0.00	0.01	0.01	1.7	NW
10/19/2023 16:09:00	32.5	30.1	-2.4	0.00	0.01	0.01	1.8	NW
10/19/2023 16:10:00	32.9	30.4	-2.5	0.00	0.01	0.01	1.8	NW
10/19/2023 16:11:00	33.1	29.9	-3.2	0.00	0.01	0.01	1.8	NW
10/19/2023 16:12:00	32.0	30.3	-1.7	0.00	0.00	0.00	1.7	NW
10/19/2023 16:13:00	31.5	30.4	-1.1	0.00	0.00	0.00	1.8	NW
10/19/2023 16:14:00	31.4	31.2	-0.2	0.00	0.00	0.00	1.9	NW
10/19/2023 16:15:00	31.8	31.9	0.1	0.00	0.00	0.00	1.9	NNW
10/19/2023 16:16:00	30.6	34.3	3.7	0.00	0.00	0.00	1.9	NNW
10/19/2023 16:17:00	31.3	33.3	2.1	0.00	0.00	0.00	2.0	NW
10/19/2023 16:18:00	27.1	28.8	1.7	0.00	0.00	0.00	2.1	WNW
10/19/2023 16:19:00	24.3	24.7	0.4	0.00	0.00	0.00	2.2	NW
10/19/2023 16:20:00	24.9	22.7	-2.2	0.00	0.00	0.00	2.3	NW
10/19/2023 16:21:00	23.3	24.7	1.3	0.00	0.00	0.00	2.3	NNW
10/19/2023 16:22:00	26.1	23.2	-2.9	0.00	0.00	0.00	2.3	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 16:23:00	24.4	25.2	0.8	0.00	0.00	0.00	2.3	NW
10/19/2023 16:24:00	23.5	26.7	3.2	0.00	0.00	0.00	2.3	NW
10/19/2023 16:25:00	23.2	29.3	6.1	0.00	0.00	0.00	2.3	NW
10/19/2023 16:26:00	23.5	29.8	6.3	0.00	0.00	0.00	2.3	WNW
10/19/2023 16:27:00	26.6	29.5	2.8	0.00	0.00	0.00	2.4	NW
10/19/2023 16:28:00	26.2	31.7	5.5	0.00	0.00	0.00	2.4	NW
10/19/2023 16:29:00	25.5	32.6	7.1	0.00	0.00	0.00	2.4	NW
10/19/2023 16:30:00	25.3	32.4	7.1	0.00	0.00	0.00	2.4	NW
10/19/2023 16:31:00	25.4	31.6	6.2	0.01	0.00	0.00	2.4	NNW
10/19/2023 16:32:00	24.9	31.2	6.3	0.01	0.00	-0.01	2.3	NNW
10/19/2023 16:33:00	25.1	31.3	6.2	0.01	0.00	0.00	2.4	WNW
10/19/2023 16:34:00	24.0	32.9	8.8	0.01	0.00	0.00	2.4	NW
10/19/2023 16:35:00	25.2	33.1	7.9	0.01	0.00	0.00	2.3	WNW
10/19/2023 16:36:00	26.3	33.3	7.0	0.01	0.00	0.00	2.2	NW
10/19/2023 16:37:00	25.0	32.9	7.9	0.01	0.00	0.00	2.2	NW
10/19/2023 16:38:00	26.0	31.3	5.3	0.01	0.00	-0.01	2.2	NW
10/19/2023 16:39:00	26.4	30.6	4.2	0.01	0.00	-0.01	2.1	NW
10/19/2023 16:40:00	26.3	27.7	1.4	0.01	0.00	-0.01	2.0	NW
10/19/2023 16:41:00	24.8	28.5	3.7	0.01	0.00	-0.01	2.0	NNW
10/19/2023 16:42:00	21.8	31.3	9.5	0.01	0.00	-0.01	2.0	NW
10/19/2023 16:43:00	23.9	28.9	5.0	0.01	0.00	-0.01	2.0	WNW
10/19/2023 16:44:00	26.9	27.3	0.4	0.01	0.00	-0.01	1.9	WNW
10/19/2023 16:45:00	30.2	26.0	-4.2	0.01	0.00	0.00	1.9	NW
10/19/2023 16:46:00	33.4	24.8	-8.6	0.00	0.00	0.00	2.0	NW
10/19/2023 16:47:00	37.9	24.0	-13.9	0.00	0.00	0.00	2.1	WNW
10/19/2023 16:48:00	44.9	23.8	-21.1	0.00	0.00	0.00	2.1	NW
10/19/2023 16:49:00	49.4	22.5	-27.0	0.00	0.00	0.00	2.1	NW
10/19/2023 16:50:00	53.7	22.8	-30.9	0.00	0.00	0.00	2.2	NW
10/19/2023 16:51:00	53.1	28.9	-24.2	0.00	0.00	0.00	2.3	NW
10/19/2023 16:52:00	57.6	29.6	-28.0	0.00	0.00	0.00	2.3	NW
10/19/2023 16:53:00	57.1	34.6	-22.4	0.00	0.00	0.00	2.4	NW
10/19/2023 16:54:00	56.7	36.6	-20.1	0.00	0.00	0.00	2.5	NW
10/19/2023 16:55:00	55.5	41.6	-13.9	0.00	0.00	0.00	2.4	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/19/2023 16:56:00	59.2	40.4	-18.9	0.00	0.00	0.00	2.4	NW
10/19/2023 16:57:00	64.0	37.6	-26.4	0.00	0.00	0.00	2.4	NW
10/19/2023 16:58:00	66.5	38.3	-28.3	0.01	0.00	0.00	2.3	WNW
10/19/2023 16:59:00	63.8	42.0	-21.8	0.01	0.00	0.00	2.3	NW
10/19/2023 17:00:00	65.1	41.8	-23.4	0.01	0.00	0.00	2.3	WNW
10/19/2023 17:01:00	66.5	41.4	-25.0	0.01	0.00	0.00	2.3	WNW
10/19/2023 17:02:00	67.0	41.9	-25.0	0.01	0.01	0.00	2.1	NW
10/19/2023 17:03:00	64.0	41.9	-22.1	0.01	0.01	0.00	2.1	WNW
10/19/2023 17:04:00	63.1	41.6	-21.5	0.01	0.01	0.00	1.9	W
10/19/2023 17:05:00	56.8	46.4	-10.4	0.01	0.01	0.00	1.8	NW
10/19/2023 17:06:00	61.0	38.1	-22.9	0.01	0.01	0.00	1.8	NW
10/19/2023 17:07:00	63.2	37.0	-26.2	0.01	0.01	0.00	1.7	NW
10/19/2023 17:08:00	69.1	31.5	-37.6	0.01	0.01	0.00	1.8	NW
10/19/2023 17:09:00	73.3	29.7	-43.6	0.01	0.01	-0.01	1.8	NW
10/19/2023 17:10:00	74.2	28.7	-45.5	0.01	0.00	-0.01	1.9	NW
10/19/2023 17:11:00	71.5	32.3	-39.2	0.01	0.00	0.00	2.0	NW
10/19/2023 17:12:00	67.8	35.1	-32.8	0.01	0.00	0.00	2.0	NNW
10/19/2023 17:13:00	65.5	34.9	-30.6	0.01	0.00	0.00	2.1	NW
10/19/2023 17:14:00	66.7	31.0	-35.6	0.01	0.00	0.00	2.2	NW