

DAILY FIELD REPORT 088

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 9, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 3:30 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 graded an about 100-foot-long by 100-foot-wide area of soil/fill in the central part of the site (waste characterization grids WC02, WC03, and WC04) to prepare for equipment mobilization.
- 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 reinforcement and placed grout for the completion of four caissons.
- Urban continued installing one casing for one caisson and re-advanced one casing for one caisson using an Urban Custom Build Drill Rig in the eastern and western 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)
	0	-	0	-	0	-	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	104	2,080	29	580	0	-	14	280

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

Samples Collected:

- No samples were collected.

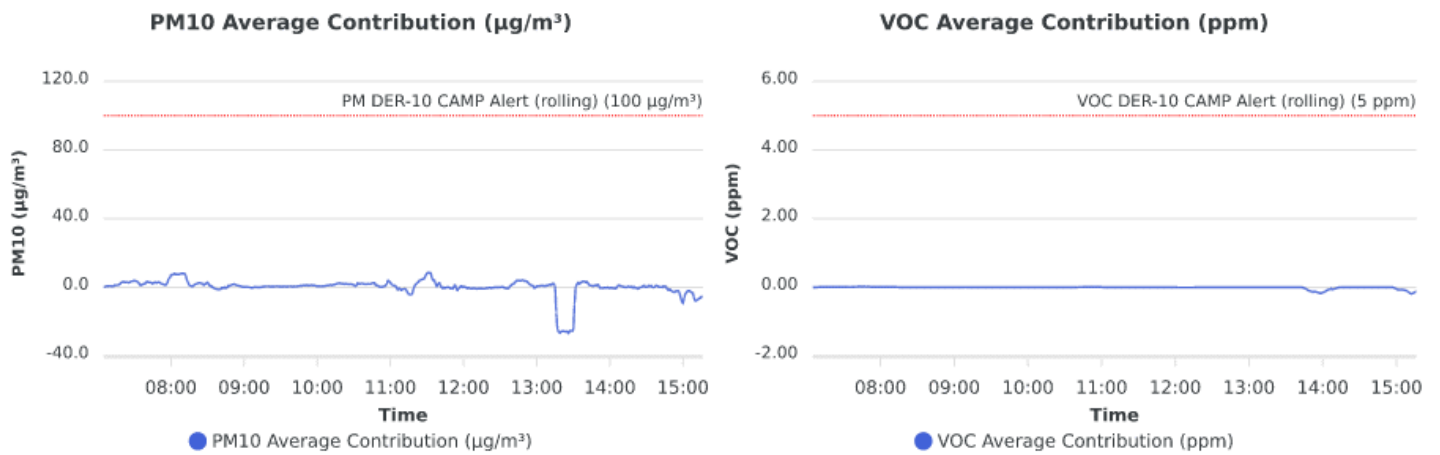
Air Monitoring:

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

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)		Organic Vapor Monitoring (ppm)	
Daily Background	2.3	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-26.9	VOC Average Site Contribution (Minimum)	-0.19
PM10 Average Site Contribution (Maximum)	8.6	VOC Average Site Contribution (Maximum)	0.02

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

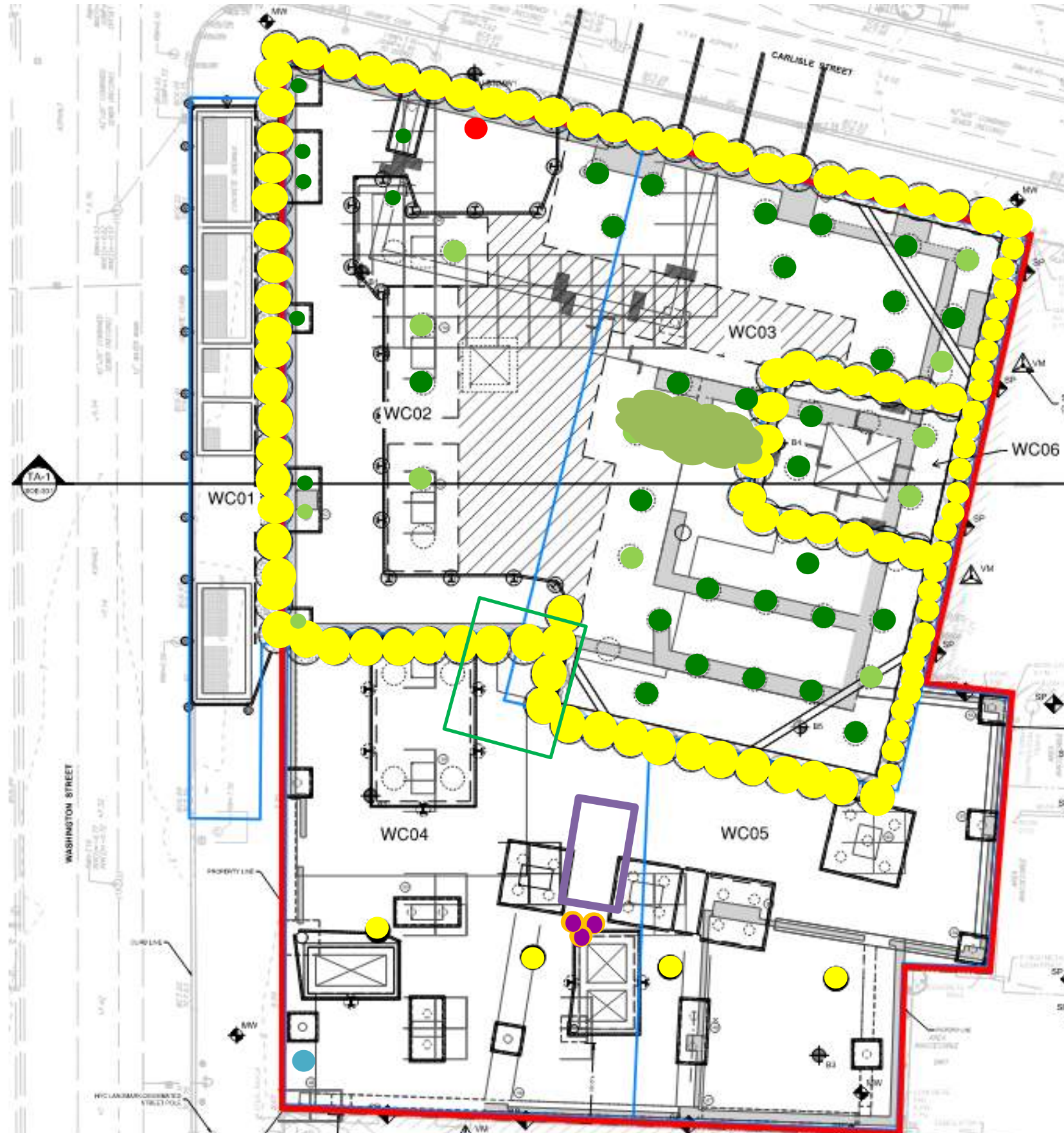
ppm: parts per million.



Planned Activities:

- Urban will continue installing caisson casings throughout the site.
- Urban will apply grout to caissons.

SITE PLAN



- Site Boundary**
- Waste Characterization Grid Boundary**
- CAMP station 1**
- CAMP station 2**
- Stockpile – Soil (no impacts)**
- Stockpile – C&D**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- Completed Soil-Mix Column**
- Completed Caisson Casing**
- Completed Caisson**
- Installed Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- Completed Soil-Mix Core**
- Approximate Location of the Former UST**

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

Photo Log

Photo 1: View of Urban grading soil/fill in WC02 (facing northwest).



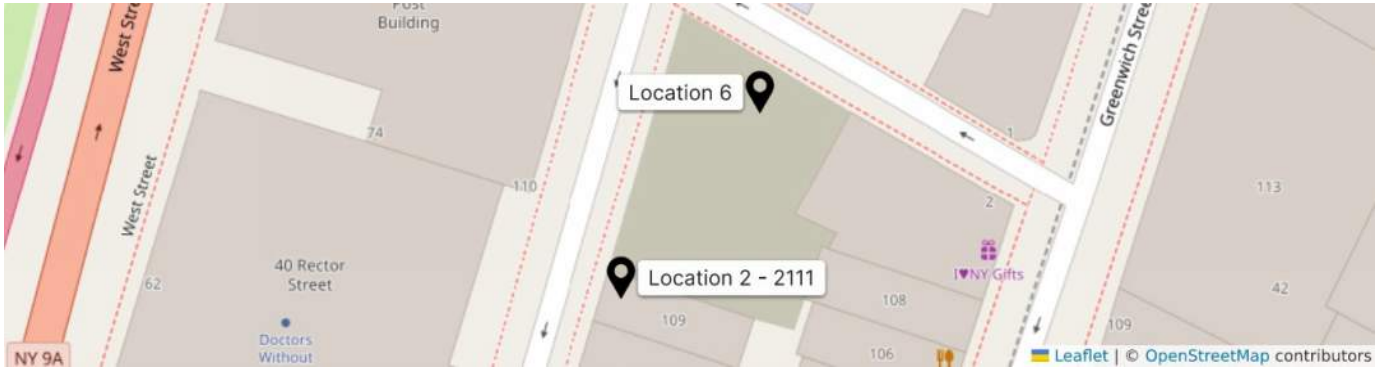
Photo 2: View of the southern area of the site (facing southeast).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	10/9/2023 00:00
		To:	10/9/2023 22:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

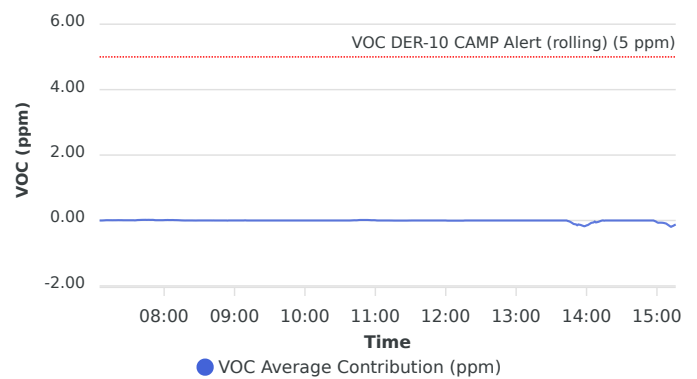
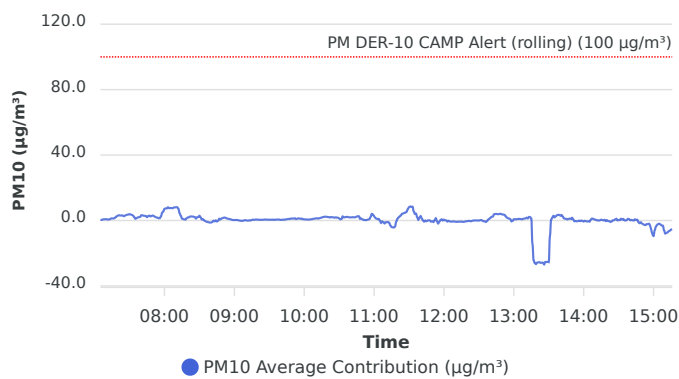
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
10/9/2023	0.3-2.8	NNE

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 10/9/2023	-26.9	13:26	-0.19	15:12
Max Contribution (15 min avg.) - 10/9/2023	8.6	11:31	0.02	07:44

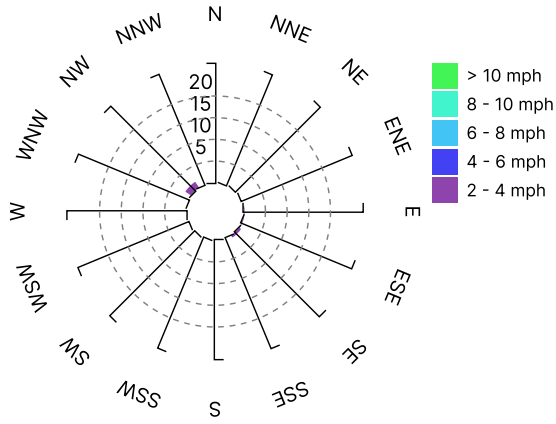


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
10/9/2023 07:05:00	2.3	2.7	0.3	0.00	0.00	0.00	1.4	NNW
10/9/2023 07:06:00	2.2	2.6	0.4	0.00	0.00	0.00	1.2	NNE
10/9/2023 07:07:00	2.2	2.8	0.6	0.00	0.00	0.00	1.2	NNW
10/9/2023 07:08:00	2.1	2.9	0.8	0.00	0.00	0.00	1.1	NNE
10/9/2023 07:09:00	2.2	2.9	0.8	0.00	0.00	0.00	1.1	NNW
10/9/2023 07:10:00	2.1	2.9	0.8	0.00	0.01	0.01	1.1	N
10/9/2023 07:11:00	2.1	2.8	0.7	0.00	0.01	0.01	1.2	E
10/9/2023 07:12:00	2.1	2.7	0.6	0.00	0.01	0.01	1.2	ENE
10/9/2023 07:13:00	2.1	2.8	0.7	0.00	0.01	0.01	1.2	NNE
10/9/2023 07:14:00	2.0	3.2	1.2	0.00	0.01	0.01	1.2	NE
10/9/2023 07:15:00	2.0	3.3	1.3	0.00	0.01	0.01	1.2	NE
10/9/2023 07:16:00	2.1	3.3	1.3	0.00	0.01	0.01	1.2	NW
10/9/2023 07:17:00	2.1	3.5	1.4	0.00	0.01	0.01	1.2	NW
10/9/2023 07:18:00	2.1	4.1	2.0	0.00	0.01	0.01	1.2	ENE
10/9/2023 07:19:00	2.1	4.7	2.5	0.00	0.01	0.01	1.2	SE
10/9/2023 07:20:00	2.1	5.1	3.0	0.00	0.01	0.01	1.2	N
10/9/2023 07:21:00	2.1	5.3	3.2	0.00	0.01	0.01	1.2	NE
10/9/2023 07:22:00	2.1	5.2	3.0	0.00	0.01	0.01	1.2	NW
10/9/2023 07:23:00	2.3	5.3	3.0	0.00	0.01	0.01	1.2	NW
10/9/2023 07:24:00	2.4	5.5	3.1	0.00	0.01	0.01	1.2	NW
10/9/2023 07:25:00	2.8	5.5	2.6	0.00	0.01	0.01	1.2	SSE
10/9/2023 07:26:00	2.9	5.8	2.9	0.00	0.01	0.01	1.2	ESE
10/9/2023 07:27:00	2.9	6.2	3.3	0.00	0.01	0.01	1.2	SE
10/9/2023 07:28:00	2.9	6.5	3.5	0.00	0.01	0.01	1.2	NW
10/9/2023 07:29:00	3.1	6.7	3.6	0.00	0.01	0.01	1.2	NW
10/9/2023 07:30:00	3.1	7.0	3.9	0.00	0.01	0.01	1.2	N
10/9/2023 07:31:00	3.4	7.0	3.6	0.00	0.01	0.01	1.2	SE
10/9/2023 07:32:00	3.4	6.8	3.5	0.00	0.01	0.01	1.2	ESE
10/9/2023 07:33:00	3.5	6.5	3.0	0.00	0.01	0.01	1.1	E
10/9/2023 07:34:00	4.5	6.6	2.0	0.00	0.01	0.01	1.1	ENE
10/9/2023 07:35:00	5.1	6.2	1.1	0.01	0.01	0.00	1.2	NW
10/9/2023 07:36:00	5.1	6.5	1.4	0.01	0.01	0.01	1.2	NW

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/9/2023 07:37:00	5.1	7.0	1.9	0.00	0.02	0.01	1.2	SE
10/9/2023 07:38:00	4.9	6.9	2.0	0.00	0.02	0.01	1.2	NNW
10/9/2023 07:39:00	5.0	7.1	2.1	0.00	0.02	0.01	1.1	NNW
10/9/2023 07:40:00	4.6	7.8	3.2	0.00	0.02	0.02	1.1	N
10/9/2023 07:41:00	4.5	7.7	3.2	0.00	0.02	0.02	1.1	SE
10/9/2023 07:42:00	4.6	7.5	2.9	0.00	0.02	0.02	1.2	ENE
10/9/2023 07:43:00	4.5	7.4	2.8	0.00	0.02	0.02	1.1	SE
10/9/2023 07:44:00	4.4	7.1	2.7	0.00	0.02	0.02	1.2	ESE
10/9/2023 07:45:00	4.6	6.6	2.1	0.01	0.02	0.02	1.1	WSW
10/9/2023 07:46:00	4.3	7.0	2.7	0.00	0.02	0.02	1.2	E
10/9/2023 07:47:00	4.3	7.2	3.0	0.00	0.02	0.02	1.2	N
10/9/2023 07:48:00	4.4	6.9	2.5	0.01	0.02	0.02	1.2	SE
10/9/2023 07:49:00	3.5	6.3	2.8	0.01	0.02	0.02	1.2	SE
10/9/2023 07:50:00	3.2	6.3	3.0	0.00	0.02	0.02	1.2	WNW
10/9/2023 07:51:00	3.3	6.0	2.7	0.00	0.02	0.02	1.2	ESE
10/9/2023 07:52:00	3.6	5.8	2.2	0.01	0.02	0.01	1.2	SSE
10/9/2023 07:53:00	3.9	5.8	1.9	0.01	0.01	0.01	1.2	ESE
10/9/2023 07:54:00	3.9	5.6	1.7	0.01	0.01	0.01	1.2	SE
10/9/2023 07:55:00	3.9	5.3	1.4	0.01	0.01	0.01	1.2	SE
10/9/2023 07:56:00	4.0	5.4	1.4	0.01	0.01	0.01	1.2	N
10/9/2023 07:57:00	3.9	6.5	2.6	0.01	0.01	0.01	1.3	ESE
10/9/2023 07:58:00	4.0	8.8	4.8	0.01	0.01	0.01	1.3	ESE
10/9/2023 07:59:00	4.0	9.5	5.5	0.01	0.01	0.01	1.3	NNE
10/9/2023 08:00:00	3.8	10.9	7.2	0.00	0.01	0.01	1.3	NNW
10/9/2023 08:01:00	3.8	11.2	7.4	0.00	0.02	0.01	1.3	NNW
10/9/2023 08:02:00	3.8	11.2	7.4	0.00	0.02	0.01	1.3	SE
10/9/2023 08:03:00	3.5	11.6	8.1	0.00	0.02	0.01	1.3	NW
10/9/2023 08:04:00	3.9	11.4	7.5	0.00	0.02	0.01	1.3	NW
10/9/2023 08:05:00	3.8	11.4	7.6	0.00	0.02	0.01	1.3	SE
10/9/2023 08:06:00	3.7	11.3	7.6	0.00	0.01	0.01	1.3	SE
10/9/2023 08:07:00	3.6	11.1	7.5	0.00	0.01	0.01	1.4	SE
10/9/2023 08:08:00	3.3	11.2	7.9	0.00	0.01	0.01	1.4	N
10/9/2023 08:09:00	3.1	11.2	8.0	0.00	0.01	0.01	1.4	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
10/9/2023 08:10:00	3.0	11.1	8.1	0.00	0.01	0.01	1.4	SE
10/9/2023 08:11:00	3.0	11.1	8.1	0.00	0.01	0.01	1.4	NNE
10/9/2023 08:12:00	3.0	10.1	7.1	0.00	0.01	0.01	1.4	NE
10/9/2023 08:13:00	3.2	7.6	4.4	0.00	0.01	0.01	1.4	SE
10/9/2023 08:14:00	3.6	6.5	2.9	0.00	0.01	0.01	1.4	SE
10/9/2023 08:15:00	3.9	5.1	1.2	0.00	0.01	0.00	1.4	SSE
10/9/2023 08:16:00	3.9	4.8	0.9	0.00	0.01	0.00	1.4	SE
10/9/2023 08:17:00	3.9	4.5	0.7	0.00	0.00	0.00	1.4	SE
10/9/2023 08:18:00	3.8	4.4	0.6	0.00	0.00	0.00	1.5	ESE
10/9/2023 08:19:00	3.4	4.8	1.3	0.00	0.00	0.00	1.5	E
10/9/2023 08:20:00	3.1	5.0	1.9	0.00	0.00	0.00	1.4	E
10/9/2023 08:21:00	3.2	5.1	1.9	0.00	0.00	0.00	1.4	SE
10/9/2023 08:22:00	3.0	5.5	2.4	0.00	0.00	0.00	1.4	NNW
10/9/2023 08:23:00	3.0	5.5	2.5	0.00	0.00	0.00	1.4	NNE
10/9/2023 08:24:00	3.0	5.5	2.4	0.00	0.00	0.00	1.4	ESE
10/9/2023 08:25:00	3.4	5.7	2.3	0.00	0.00	0.00	1.3	W
10/9/2023 08:26:00	3.8	5.9	2.1	0.00	0.00	0.00	1.3	NNW
10/9/2023 08:27:00	4.4	5.6	1.2	0.00	0.00	0.00	1.3	NW
10/9/2023 08:28:00	4.1	6.1	2.0	0.00	0.00	0.00	1.3	NNW
10/9/2023 08:29:00	4.0	6.1	2.1	0.00	0.00	0.00	1.4	S
10/9/2023 08:30:00	3.7	6.6	2.9	0.00	0.00	0.00	1.4	NNW
10/9/2023 08:31:00	4.3	6.3	2.0	0.00	0.00	0.00	1.5	SE
10/9/2023 08:32:00	5.4	6.1	0.7	0.00	0.00	0.00	1.5	SE
10/9/2023 08:33:00	5.4	6.3	0.8	0.00	0.00	0.00	1.5	ESE
10/9/2023 08:34:00	5.9	5.9	0.1	0.00	0.00	0.00	1.4	S
10/9/2023 08:35:00	6.0	5.7	-0.3	0.00	0.00	0.00	1.4	NW
10/9/2023 08:36:00	6.2	5.4	-0.7	0.00	0.00	0.00	1.5	SE
10/9/2023 08:37:00	6.1	5.2	-0.9	0.00	0.00	0.00	1.4	NNW
10/9/2023 08:38:00	6.0	4.9	-1.1	0.00	0.00	0.00	1.4	SE
10/9/2023 08:39:00	6.1	4.8	-1.3	0.00	0.00	0.00	1.5	N
10/9/2023 08:40:00	5.7	4.4	-1.3	0.00	0.00	0.00	1.6	ESE
10/9/2023 08:41:00	5.2	4.3	-1.0	0.00	0.00	0.00	1.6	SE
10/9/2023 08:42:00	4.6	4.5	-0.1	0.00	0.00	0.00	1.6	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
10/9/2023 08:43:00	4.6	4.1	-0.5	0.00	0.00	0.00	1.6	ESE
10/9/2023 08:44:00	4.3	4.4	0.1	0.00	0.00	0.00	1.6	ESE
10/9/2023 08:45:00	4.5	3.9	-0.6	0.00	0.00	0.00	1.6	SE
10/9/2023 08:46:00	4.1	3.9	-0.2	0.00	0.00	0.00	1.5	SE
10/9/2023 08:47:00	3.0	4.0	1.0	0.00	0.00	0.00	1.5	ESE
10/9/2023 08:48:00	3.1	3.7	0.7	0.00	0.00	0.00	1.6	E
10/9/2023 08:49:00	2.6	3.9	1.2	0.00	0.00	0.00	1.6	ESE
10/9/2023 08:50:00	2.5	4.0	1.5	0.00	0.00	0.00	1.6	SE
10/9/2023 08:51:00	2.3	4.1	1.7	0.00	0.00	0.00	1.5	SE
10/9/2023 08:52:00	2.3	4.1	1.8	0.00	0.00	0.00	1.6	ESE
10/9/2023 08:53:00	2.5	4.0	1.4	0.00	0.00	0.00	1.6	SSE
10/9/2023 08:54:00	2.8	4.0	1.1	0.00	0.00	0.00	1.7	SE
10/9/2023 08:55:00	2.9	3.9	1.0	0.00	0.00	0.00	1.6	ESE
10/9/2023 08:56:00	2.9	3.7	0.8	0.00	0.01	0.00	1.7	N
10/9/2023 08:57:00	2.9	3.6	0.7	0.00	0.01	0.00	1.7	SE
10/9/2023 08:58:00	3.0	3.4	0.4	0.00	0.01	0.00	1.6	SW
10/9/2023 08:59:00	3.1	3.3	0.3	0.00	0.01	0.00	1.6	NE
10/9/2023 09:00:00	3.0	3.3	0.3	0.00	0.01	0.00	1.5	SSE
10/9/2023 09:01:00	3.0	3.3	0.3	0.00	0.01	0.00	1.6	SSE
10/9/2023 09:02:00	3.0	3.4	0.3	0.00	0.01	0.00	1.5	ESE
10/9/2023 09:03:00	3.2	3.3	0.1	0.00	0.01	0.00	1.4	WSW
10/9/2023 09:04:00	3.2	3.3	0.1	0.00	0.01	0.00	1.4	ENE
10/9/2023 09:05:00	3.3	3.2	-0.1	0.00	0.01	0.00	1.5	SE
10/9/2023 09:06:00	3.3	3.1	-0.2	0.00	0.01	0.00	1.5	ESE
10/9/2023 09:07:00	3.3	3.0	-0.3	0.00	0.01	0.00	1.4	NE
10/9/2023 09:08:00	3.1	3.0	0.0	0.00	0.01	0.00	1.4	E
10/9/2023 09:09:00	2.9	3.1	0.2	0.00	0.01	0.01	1.3	SE
10/9/2023 09:10:00	3.0	3.1	0.1	0.00	0.00	0.00	1.3	NNE
10/9/2023 09:11:00	3.0	3.0	0.0	0.00	0.00	0.00	1.3	NNW
10/9/2023 09:12:00	3.0	2.9	-0.1	0.00	0.00	0.00	1.3	E
10/9/2023 09:13:00	2.8	3.0	0.1	0.00	0.00	0.00	1.3	ESE
10/9/2023 09:14:00	2.8	2.8	0.0	0.00	0.00	0.00	1.3	NNW
10/9/2023 09:15:00	2.6	2.9	0.3	0.00	0.00	0.00	1.3	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
10/9/2023 09:16:00	2.4	3.0	0.5	0.00	0.00	0.00	1.3	SE
10/9/2023 09:17:00	2.5	2.9	0.4	0.00	0.00	0.00	1.3	ENE
10/9/2023 09:18:00	2.3	2.9	0.6	0.00	0.00	0.00	1.3	ESE
10/9/2023 09:19:00	2.3	2.8	0.6	0.00	0.00	0.00	1.3	NW
10/9/2023 09:20:00	2.3	2.9	0.6	0.00	0.00	0.00	1.2	E
10/9/2023 09:21:00	2.4	2.9	0.4	0.00	0.00	0.00	1.2	SE
10/9/2023 09:22:00	2.5	2.9	0.4	0.00	0.00	0.00	1.2	ENE
10/9/2023 09:23:00	2.5	2.9	0.4	0.00	0.00	0.00	1.2	SSW
10/9/2023 09:24:00	2.5	2.9	0.4	0.00	0.00	0.00	1.2	NW
10/9/2023 09:25:00	2.5	3.0	0.5	0.00	0.00	0.00	1.2	NNW
10/9/2023 09:26:00	2.5	3.1	0.6	0.00	0.00	0.00	1.1	NNE
10/9/2023 09:27:00	2.6	3.2	0.6	0.00	0.00	0.00	1.1	NNW
10/9/2023 09:28:00	2.7	3.2	0.5	0.00	0.00	0.00	1.1	WNW
10/9/2023 09:29:00	2.7	3.2	0.5	0.00	0.00	0.00	1.0	ESE
10/9/2023 09:30:00	2.7	3.2	0.5	0.00	0.00	0.00	1.1	NNE
10/9/2023 09:31:00	2.7	3.2	0.5	0.00	0.00	0.00	1.1	SE
10/9/2023 09:32:00	2.8	3.3	0.4	0.00	0.00	0.00	1.1	SE
10/9/2023 09:33:00	2.9	3.4	0.6	0.00	0.00	0.00	1.1	NW
10/9/2023 09:34:00	3.0	3.4	0.3	0.00	0.00	0.00	1.1	SSW
10/9/2023 09:35:00	3.0	3.5	0.5	0.00	0.00	0.00	1.1	ESE
10/9/2023 09:36:00	3.0	3.5	0.5	0.00	0.00	0.00	1.1	SSE
10/9/2023 09:37:00	3.0	3.6	0.6	0.00	0.00	0.00	1.1	NNW
10/9/2023 09:38:00	3.1	3.7	0.6	0.00	0.00	0.00	1.2	NW
10/9/2023 09:39:00	3.1	3.6	0.5	0.00	0.00	0.00	1.2	WNW
10/9/2023 09:40:00	3.1	3.5	0.4	0.00	0.00	0.00	1.2	SE
10/9/2023 09:41:00	3.1	3.5	0.4	0.00	0.00	0.00	1.2	N
10/9/2023 09:42:00	3.0	3.6	0.6	0.00	0.00	0.00	1.2	NNE
10/9/2023 09:43:00	3.1	3.6	0.4	0.00	0.00	0.00	1.2	NW
10/9/2023 09:44:00	3.1	3.8	0.7	0.00	0.00	0.00	1.2	ESE
10/9/2023 09:45:00	3.1	3.9	0.8	0.00	0.00	0.00	1.2	NNW
10/9/2023 09:46:00	3.1	4.0	0.8	0.00	0.00	0.00	1.2	N
10/9/2023 09:47:00	3.1	4.0	1.0	0.00	0.00	0.00	1.2	NE
10/9/2023 09:48:00	3.0	4.0	1.0	0.00	0.00	0.00	1.2	SE

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/9/2023 09:49:00	2.8	4.0	1.2	0.00	0.00	0.00	1.2	NE
10/9/2023 09:50:00	2.8	4.0	1.2	0.00	0.00	0.00	1.2	SE
10/9/2023 09:51:00	2.7	3.9	1.2	0.00	0.00	0.00	1.2	SE
10/9/2023 09:52:00	2.7	4.0	1.4	0.00	0.00	0.00	1.2	NNE
10/9/2023 09:53:00	3.0	3.9	0.9	0.00	0.00	0.00	1.1	WNW
10/9/2023 09:54:00	3.0	4.1	1.1	0.00	0.00	0.00	1.1	NE
10/9/2023 09:55:00	2.9	4.3	1.3	0.00	0.00	0.00	1.1	ESE
10/9/2023 09:56:00	3.0	4.2	1.2	0.00	0.00	0.00	1.2	ESE
10/9/2023 09:57:00	3.0	4.0	1.0	0.00	0.00	0.00	1.2	ENE
10/9/2023 09:58:00	2.9	4.0	1.1	0.00	0.00	0.00	1.2	SE
10/9/2023 09:59:00	2.9	3.7	0.8	0.00	0.00	0.00	1.2	SE
10/9/2023 10:00:00	2.9	3.6	0.7	0.00	0.00	0.00	1.2	ENE
10/9/2023 10:01:00	2.9	3.5	0.7	0.00	0.00	0.00	1.3	SE
10/9/2023 10:02:00	2.8	3.4	0.6	0.00	0.00	0.00	1.2	NW
10/9/2023 10:03:00	2.8	3.4	0.6	0.00	0.00	0.00	1.2	E
10/9/2023 10:04:00	2.8	3.5	0.6	0.00	0.00	0.00	1.2	N
10/9/2023 10:05:00	2.8	3.4	0.6	0.00	0.00	0.00	1.2	ESE
10/9/2023 10:06:00	2.8	3.6	0.8	0.00	0.00	0.00	1.2	ESE
10/9/2023 10:07:00	2.8	3.7	0.8	0.00	0.00	0.00	1.2	SE
10/9/2023 10:08:00	2.7	3.7	1.0	0.00	0.00	0.00	1.2	SSE
10/9/2023 10:09:00	2.6	3.8	1.2	0.00	0.00	0.00	1.3	ENE
10/9/2023 10:10:00	2.6	3.8	1.2	0.00	0.00	0.00	1.3	ESE
10/9/2023 10:11:00	2.7	4.1	1.4	0.00	0.00	0.00	1.2	ESE
10/9/2023 10:12:00	2.9	4.0	1.2	0.00	0.00	0.00	1.2	SE
10/9/2023 10:13:00	2.8	4.2	1.4	0.00	0.00	0.00	1.2	E
10/9/2023 10:14:00	2.8	4.4	1.6	0.00	0.00	0.00	1.2	ESE
10/9/2023 10:15:00	2.8	4.5	1.8	0.00	0.00	0.00	1.2	ENE
10/9/2023 10:16:00	2.8	4.9	2.1	0.00	0.00	0.00	1.1	NE
10/9/2023 10:17:00	3.0	5.2	2.2	0.00	0.00	0.00	1.1	NW
10/9/2023 10:18:00	3.2	5.5	2.3	0.00	0.00	0.00	1.1	ESE
10/9/2023 10:19:00	3.4	5.6	2.3	0.00	0.00	0.00	1.1	NNW
10/9/2023 10:20:00	3.5	5.7	2.1	0.00	0.00	0.00	1.1	E
10/9/2023 10:21:00	3.6	5.7	2.1	0.00	0.00	0.00	1.1	N

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/9/2023 10:22:00	3.5	5.4	1.8	0.00	0.00	0.00	1.0	ESE
10/9/2023 10:23:00	3.3	5.4	2.1	0.00	0.00	0.00	1.1	E
10/9/2023 10:24:00	3.2	5.2	2.0	0.00	0.00	0.00	1.0	SE
10/9/2023 10:25:00	3.2	5.2	1.9	0.00	0.00	0.00	1.1	ESE
10/9/2023 10:26:00	3.2	4.9	1.7	0.00	0.00	0.00	1.1	NE
10/9/2023 10:27:00	3.1	5.0	1.9	0.00	0.00	0.00	1.0	E
10/9/2023 10:28:00	3.2	4.9	1.8	0.00	0.00	0.00	1.0	N
10/9/2023 10:29:00	3.3	5.0	1.7	0.00	0.00	0.00	1.0	ESE
10/9/2023 10:30:00	3.7	4.9	1.2	0.00	0.00	0.00	1.0	WNW
10/9/2023 10:31:00	3.9	4.6	0.7	0.00	0.00	0.00	1.0	NW
10/9/2023 10:32:00	3.9	4.8	0.9	0.00	0.00	0.00	1.0	NW
10/9/2023 10:33:00	3.9	6.3	2.5	0.00	0.00	0.00	1.0	WNW
10/9/2023 10:34:00	4.5	6.4	1.9	0.00	0.00	0.00	1.0	NNE
10/9/2023 10:35:00	4.6	6.6	2.0	0.00	0.00	0.00	1.1	NNW
10/9/2023 10:36:00	4.6	6.7	2.2	0.00	0.00	0.00	1.1	ESE
10/9/2023 10:37:00	4.6	6.8	2.2	0.00	0.00	0.00	1.1	ESE
10/9/2023 10:38:00	4.7	6.7	2.0	0.00	0.00	0.00	1.1	WSW
10/9/2023 10:39:00	5.0	6.8	1.9	0.00	0.00	0.00	1.0	N
10/9/2023 10:40:00	5.0	6.9	1.9	0.00	0.00	0.00	1.0	E
10/9/2023 10:41:00	5.0	7.0	2.0	0.00	0.01	0.01	1.0	NW
10/9/2023 10:42:00	5.0	7.0	2.0	0.00	0.01	0.01	1.1	ESE
10/9/2023 10:43:00	5.0	6.9	1.9	0.00	0.01	0.01	1.0	SSW
10/9/2023 10:44:00	4.8	6.8	2.0	0.00	0.01	0.01	1.0	SE
10/9/2023 10:45:00	4.6	7.0	2.4	0.00	0.01	0.01	1.0	E
10/9/2023 10:46:00	4.5	7.1	2.6	0.00	0.01	0.01	1.0	SE
10/9/2023 10:47:00	4.5	7.0	2.6	0.00	0.02	0.01	1.0	N
10/9/2023 10:48:00	4.4	5.4	1.0	0.00	0.02	0.01	1.0	N
10/9/2023 10:49:00	4.1	5.3	1.2	0.00	0.02	0.01	1.0	NW
10/9/2023 10:50:00	4.4	5.1	0.7	0.00	0.02	0.01	1.0	NW
10/9/2023 10:51:00	4.6	5.0	0.3	0.00	0.02	0.01	0.9	NW
10/9/2023 10:52:00	4.7	5.0	0.3	0.00	0.02	0.01	0.9	NNW
10/9/2023 10:53:00	4.8	5.0	0.2	0.00	0.02	0.01	1.0	SE
10/9/2023 10:54:00	4.7	5.1	0.4	0.00	0.01	0.01	1.0	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
10/9/2023 10:55:00	4.6	5.2	0.6	0.00	0.01	0.01	0.9	ESE
10/9/2023 10:56:00	4.6	5.5	0.9	0.00	0.01	0.01	0.9	ENE
10/9/2023 10:57:00	4.7	6.8	2.2	0.00	0.01	0.01	0.9	NNW
10/9/2023 10:58:00	4.8	8.9	4.0	0.00	0.01	0.01	0.9	NW
10/9/2023 10:59:00				0.00	0.01	0.01	0.9	E
10/9/2023 11:00:00				0.00	0.01	0.01	0.9	N
10/9/2023 11:01:00				0.00	0.00	0.00	0.9	ESE
10/9/2023 11:02:00	8.7	9.9	1.2	0.00	0.00	0.00	1.0	NE
10/9/2023 11:03:00	7.2	8.1	0.8	0.00	0.00	0.00	1.0	NW
10/9/2023 11:04:00	6.2	7.1	0.9	0.00	0.00	0.00	0.9	NW
10/9/2023 11:05:00	6.6	6.5	-0.1	0.00	0.00	0.00	0.9	NW
10/9/2023 11:06:00	8.1	6.6	-1.5	0.00	0.00	0.00	1.0	NW
10/9/2023 11:07:00	7.9	7.4	-0.6	0.00	0.00	0.00	1.0	NW
10/9/2023 11:08:00	8.3	7.2	-1.0	0.00	0.00	0.00	0.9	ESE
10/9/2023 11:09:00	8.8	6.9	-1.8	0.00	0.00	0.00	0.9	SE
10/9/2023 11:10:00	8.2	7.1	-1.1	0.00	0.00	0.00	0.9	NNW
10/9/2023 11:11:00	7.8	6.7	-1.1	0.00	0.00	0.00	0.9	SSE
10/9/2023 11:12:00	7.5	6.6	-0.9	0.00	0.00	0.00	0.9	NW
10/9/2023 11:13:00	7.9	6.5	-1.5	0.00	0.00	0.00	0.9	NW
10/9/2023 11:14:00	9.4	6.4	-3.1	0.00	0.00	0.00	0.9	NW
10/9/2023 11:15:00	10.4	6.4	-4.0	0.00	0.00	0.00	0.9	WNW
10/9/2023 11:16:00	10.6	6.3	-4.2	0.00	0.00	0.00	0.9	WNW
10/9/2023 11:17:00	10.6	6.3	-4.3	0.00	0.00	0.00	0.9	NW
10/9/2023 11:18:00	10.9	7.2	-3.7	0.00	0.00	0.00	0.8	SE
10/9/2023 11:19:00	10.9	10.2	-0.7	0.00	0.00	0.00	0.8	SE
10/9/2023 11:20:00	10.7	11.7	1.0	0.00	0.00	0.00	0.8	NNW
10/9/2023 11:21:00	10.4	12.2	1.8	0.00	0.00	0.00	0.8	NW
10/9/2023 11:22:00	10.6	13.1	2.5	0.00	0.00	0.00	0.8	NNE
10/9/2023 11:23:00	10.1	13.2	3.1	0.00	0.00	0.00	0.8	E
10/9/2023 11:24:00	9.4	13.6	4.1	0.00	0.00	0.00	0.8	E
10/9/2023 11:25:00	9.4	13.7	4.3	0.00	0.00	0.00	0.8	ENE
10/9/2023 11:26:00	9.3	13.9	4.7	0.00	0.00	0.00	0.8	NNW
10/9/2023 11:27:00	9.2	14.0	4.8	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
10/9/2023 11:28:00	8.5	13.9	5.4	0.00	0.00	0.00	0.8	NW
10/9/2023 11:29:00	6.9	13.9	7.0	0.00	0.00	0.00	0.8	NNW
10/9/2023 11:30:00	5.6	13.7	8.1	0.00	0.00	0.00	0.8	WNW
10/9/2023 11:31:00	5.0	13.6	8.6	0.00	0.00	0.00	0.8	NNW
10/9/2023 11:32:00	4.9	13.2	8.3	0.00	0.00	0.00	0.8	ENE
10/9/2023 11:33:00	4.7	13.1	8.4	0.00	0.00	0.00	0.8	NE
10/9/2023 11:34:00	4.9	10.4	5.6	0.00	0.00	0.00	0.7	SE
10/9/2023 11:35:00	5.0	9.0	4.1	0.00	0.00	0.00	0.7	SE
10/9/2023 11:36:00	4.7	8.9	4.2	0.00	0.00	0.00	0.7	NNW
10/9/2023 11:37:00	5.6	7.6	2.0	0.00	0.00	0.00	0.7	WNW
10/9/2023 11:38:00	7.1	7.5	0.4	0.00	0.00	0.00	0.7	NW
10/9/2023 11:39:00	7.1	9.0	1.9	0.00	0.00	0.00	0.7	NW
10/9/2023 11:40:00	7.3	9.9	2.7	0.00	0.00	0.00	0.7	ENE
10/9/2023 11:41:00	8.5	9.7	1.2	0.00	0.00	0.00	0.6	SE
10/9/2023 11:42:00	9.7	9.7	0.0	0.00	0.00	0.00	0.6	WNW
10/9/2023 11:43:00	10.4	9.7	-0.7	0.00	0.00	0.00	0.6	NW
10/9/2023 11:44:00	10.5	10.4	0.0	0.00	0.00	0.00	0.6	N
10/9/2023 11:45:00	10.9	10.4	-0.5	0.00	0.00	0.00	0.6	WNW
10/9/2023 11:46:00	10.9	10.8	-0.1	0.00	0.00	0.00	0.6	NW
10/9/2023 11:47:00	10.8	10.9	0.1	0.00	0.00	0.00	0.6	N
10/9/2023 11:48:00	10.8	10.7	0.0	0.00	0.00	0.00	0.7	NW
10/9/2023 11:49:00	11.0	10.3	-0.7	0.00	0.00	0.00	0.7	WNW
10/9/2023 11:50:00	10.9	10.4	-0.5	0.00	0.00	0.00	0.7	NNW
10/9/2023 11:51:00	10.7	9.7	-0.9	0.00	0.00	0.00	0.7	NW
10/9/2023 11:52:00	9.2	9.5	0.3	0.00	0.00	0.00	0.8	NW
10/9/2023 11:53:00	7.8	9.2	1.4	0.00	0.00	0.00	0.8	E
10/9/2023 11:54:00	7.7	7.2	-0.5	0.00	0.00	0.00	0.8	SSE
10/9/2023 11:55:00	7.5	5.7	-1.8	0.00	0.00	0.00	0.8	ESE
10/9/2023 11:56:00	6.3	5.5	-0.8	0.00	0.00	0.00	0.9	NNW
10/9/2023 11:57:00	5.0	5.2	0.2	0.00	0.00	0.00	0.9	NW
10/9/2023 11:58:00	4.2	5.0	0.7	0.00	0.00	0.00	1.0	NNW
10/9/2023 11:59:00	4.0	4.0	0.0	0.00	0.00	0.00	1.0	WNW
10/9/2023 12:00:00	3.4	3.9	0.5	0.00	0.00	0.00	1.0	NW

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/9/2023 12:01:00	3.3	3.4	0.1	0.00	0.00	0.00	1.0	NE
10/9/2023 12:02:00	3.0	3.0	0.0	0.01	0.00	-0.01	1.1	N
10/9/2023 12:03:00	2.7	2.1	-0.6	0.01	0.00	-0.01	1.1	ESE
10/9/2023 12:04:00	2.1	1.9	-0.2	0.01	0.00	-0.01	1.0	NNW
10/9/2023 12:05:00	2.0	1.5	-0.6	0.01	0.00	-0.01	1.0	E
10/9/2023 12:06:00	2.1	1.4	-0.7	0.01	0.00	-0.01	1.0	ENE
10/9/2023 12:07:00	2.0	1.4	-0.7	0.01	0.00	-0.01	1.0	E
10/9/2023 12:08:00	1.9	1.4	-0.5	0.01	0.00	-0.01	1.0	WNW
10/9/2023 12:09:00	1.9	1.2	-0.7	0.01	0.00	-0.01	1.0	NW
10/9/2023 12:10:00	1.9	1.2	-0.7	0.01	0.00	-0.01	0.9	ESE
10/9/2023 12:11:00	2.0	1.1	-0.9	0.01	0.00	-0.01	0.9	ESE
10/9/2023 12:12:00	1.9	1.2	-0.7	0.01	0.00	-0.01	0.8	NW
10/9/2023 12:13:00	1.9	1.2	-0.7	0.01	0.00	-0.01	0.8	NNW
10/9/2023 12:14:00	2.0	1.3	-0.7	0.01	0.00	-0.01	0.8	S
10/9/2023 12:15:00	2.0	1.3	-0.7	0.01	0.00	-0.01	0.8	NW
10/9/2023 12:16:00	2.1	1.3	-0.8	0.00	0.00	0.00	0.8	NNW
10/9/2023 12:17:00	2.2	1.4	-0.9	0.00	0.00	0.00	0.8	N
10/9/2023 12:18:00	2.2	1.5	-0.7	0.00	0.00	0.00	0.8	W
10/9/2023 12:19:00	2.1	1.6	-0.5	0.00	0.00	0.00	0.8	SSE
10/9/2023 12:20:00	2.1	1.6	-0.5	0.00	0.00	0.00	0.8	SE
10/9/2023 12:21:00	2.0	1.7	-0.3	0.00	0.00	0.00	0.8	SSW
10/9/2023 12:22:00	2.0	1.8	-0.3	0.00	0.00	0.00	0.8	NNE
10/9/2023 12:23:00	2.2	1.7	-0.5	0.00	0.00	0.00	0.8	NW
10/9/2023 12:24:00	2.1	1.8	-0.3	0.00	0.00	0.00	0.8	WNW
10/9/2023 12:25:00	2.0	1.9	-0.1	0.00	0.00	0.00	0.9	SSE
10/9/2023 12:26:00	1.9	1.9	0.0	0.00	0.00	0.00	0.8	NNW
10/9/2023 12:27:00	1.9	1.9	0.0	0.00	0.00	0.00	0.9	WNW
10/9/2023 12:28:00	1.9	1.9	0.0	0.00	0.00	0.00	0.9	NW
10/9/2023 12:29:00	1.8	1.8	0.0	0.00	0.00	0.00	0.9	NW
10/9/2023 12:30:00	1.9	1.8	-0.1	0.00	0.00	0.00	0.9	WNW
10/9/2023 12:31:00	1.7	1.9	0.1	0.00	0.00	0.00	0.9	NW
10/9/2023 12:32:00	1.6	1.9	0.3	0.00	0.00	0.00	0.9	NW
10/9/2023 12:33:00	1.9	1.9	-0.1	0.00	0.00	0.00	0.9	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
10/9/2023 12:34:00	2.3	1.8	-0.5	0.00	0.00	0.00	0.9	SSE
10/9/2023 12:35:00	2.4	1.9	-0.5	0.00	0.00	0.00	0.9	SW
10/9/2023 12:36:00	2.8	1.9	-0.9	0.00	0.00	0.00	1.0	NW
10/9/2023 12:37:00	2.8	2.4	-0.4	0.00	0.00	0.00	1.0	NE
10/9/2023 12:38:00	2.8	3.3	0.6	0.00	0.00	0.00	1.0	SE
10/9/2023 12:39:00	2.9	4.0	1.1	0.00	0.00	0.00	1.0	ESE
10/9/2023 12:40:00	3.0	4.7	1.7	0.00	0.00	0.00	1.0	ENE
10/9/2023 12:41:00	3.3	5.5	2.3	0.00	0.00	0.00	1.0	ESE
10/9/2023 12:42:00	3.6	6.0	2.4	0.00	0.00	0.00	1.0	ESE
10/9/2023 12:43:00	3.7	7.5	3.8	0.00	0.00	0.00	0.9	NE
10/9/2023 12:44:00	3.9	8.0	4.0	0.00	0.00	0.00	0.9	SE
10/9/2023 12:45:00	4.1	8.1	4.0	0.00	0.00	0.00	0.9	N
10/9/2023 12:46:00	4.2	8.1	3.9	0.00	0.00	0.00	0.9	E
10/9/2023 12:47:00	4.5	8.3	3.9	0.00	0.00	0.00	0.9	NW
10/9/2023 12:48:00	4.7	8.7	4.1	0.00	0.00	0.00	0.8	NW
10/9/2023 12:49:00	4.7	8.7	4.0	0.00	0.00	0.00	0.8	N
10/9/2023 12:50:00	5.0	8.6	3.6	0.00	0.00	0.00	0.9	NNE
10/9/2023 12:51:00	4.9	8.5	3.6	0.00	0.00	0.00	0.9	SE
10/9/2023 12:52:00	4.8	8.2	3.4	0.00	0.00	0.00	0.9	SE
10/9/2023 12:53:00	4.8	7.4	2.6	0.00	0.00	0.00	0.8	ESE
10/9/2023 12:54:00	4.8	6.7	1.8	0.00	0.00	0.00	0.8	ESE
10/9/2023 12:55:00	4.7	6.1	1.4	0.00	0.00	0.00	0.8	W
10/9/2023 12:56:00	4.3	5.5	1.2	0.00	0.00	0.00	0.9	SE
10/9/2023 12:57:00	4.2	5.0	0.8	0.00	0.00	0.00	0.9	ESE
10/9/2023 12:58:00	4.0	3.5	-0.5	0.00	0.00	0.00	1.0	SE
10/9/2023 12:59:00	3.9	3.6	-0.2	0.00	0.00	0.00	0.9	WNW
10/9/2023 13:00:00	3.7	4.5	0.8	0.00	0.00	0.00	1.0	WNW
10/9/2023 13:01:00	3.7	4.4	0.8	0.00	0.00	0.00	1.0	ENE
10/9/2023 13:02:00	3.5	4.2	0.7	0.00	0.00	0.00	1.0	E
10/9/2023 13:03:00	3.0	3.9	0.8	0.00	0.00	0.00	1.0	WNW
10/9/2023 13:04:00	3.0	4.0	1.0	0.00	0.00	0.00	1.0	N
10/9/2023 13:05:00	3.1	4.1	0.9	0.00	0.00	0.00	0.9	NW
10/9/2023 13:06:00	3.2	4.1	0.9	0.00	0.00	0.00	1.0	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
10/9/2023 13:07:00	3.4	4.1	0.7	0.00	0.00	0.00	1.0	NW
10/9/2023 13:08:00	3.5	4.5	1.0	0.00	0.00	0.00	1.0	NW
10/9/2023 13:09:00	3.5	4.7	1.2	0.00	0.00	0.00	1.0	E
10/9/2023 13:10:00	3.6	4.9	1.2	0.00	0.00	0.00	1.1	N
10/9/2023 13:11:00	3.7	5.4	1.7	0.00	0.00	0.00	1.1	SE
10/9/2023 13:12:00	4.2	5.4	1.3	0.00	0.00	0.00	1.1	SE
10/9/2023 13:13:00	4.2	6.3	2.2	0.00	0.00	0.00	1.0	NW
10/9/2023 13:14:00	4.3	6.4	2.1	0.00	0.00	0.00	1.1	NW
10/9/2023 13:15:00	4.4	5.6	1.2	0.00	0.00	0.00	1.1	NNE
10/9/2023 13:16:00	20.7	6.2	-14.5	0.00	0.00	0.00	1.1	ESE
10/9/2023 13:17:00	33.3	8.8	-24.5	0.00	0.00	0.00	1.2	SE
10/9/2023 13:18:00	34.8	8.8	-26.0	0.00	0.00	0.00	1.1	NW
10/9/2023 13:19:00	35.5	8.9	-26.6	0.00	0.00	0.00	1.2	WNW
10/9/2023 13:20:00	35.0	9.3	-25.8	0.00	0.00	0.00	1.2	N
10/9/2023 13:21:00	35.0	9.4	-25.6	0.00	0.00	0.00	1.1	SW
10/9/2023 13:22:00	35.1	9.6	-25.5	0.00	0.00	0.00	1.1	WNW
10/9/2023 13:23:00	35.3	9.4	-25.9	0.00	0.00	0.00	1.1	NW
10/9/2023 13:24:00	35.3	9.6	-25.8	0.00	0.00	0.00	1.1	NW
10/9/2023 13:25:00	35.4	9.6	-25.8	0.00	0.00	0.00	1.1	NW
10/9/2023 13:26:00	35.8	8.9	-26.9	0.00	0.00	0.00	1.0	NW
10/9/2023 13:27:00	35.4	10.0	-25.4	0.00	0.00	0.00	1.0	N
10/9/2023 13:28:00	35.3	9.9	-25.4	0.00	0.00	0.00	1.1	NW
10/9/2023 13:29:00	35.4	10.1	-25.3	0.00	0.00	0.00	1.0	NNW
10/9/2023 13:30:00	35.5	10.1	-25.5	0.00	0.00	0.00	1.0	WNW
10/9/2023 13:31:00	19.3	9.8	-9.5	0.00	0.00	0.00	1.0	NW
10/9/2023 13:32:00	7.0	7.5	0.4	0.00	0.00	0.00	1.0	NW
10/9/2023 13:33:00	6.0	7.7	1.7	0.00	0.00	0.00	1.0	NW
10/9/2023 13:34:00	5.2	8.0	2.8	0.00	0.00	0.00	1.0	NNW
10/9/2023 13:35:00	5.8	7.7	1.9	0.00	0.00	0.00	1.1	WNW
10/9/2023 13:36:00	5.8	8.4	2.6	0.00	0.00	0.00	1.1	NNW
10/9/2023 13:37:00	5.8	9.0	3.2	0.00	0.00	0.00	1.1	NNW
10/9/2023 13:38:00	6.1	9.5	3.5	0.00	0.00	0.00	1.1	SW
10/9/2023 13:39:00	6.3	9.7	3.4	0.00	0.00	0.00	1.1	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
10/9/2023 13:40:00	6.6	9.5	3.0	0.00	0.00	0.00	1.1	SSW
10/9/2023 13:41:00	6.3	9.7	3.3	0.00	0.00	0.00	1.1	NW
10/9/2023 13:42:00	6.6	9.1	2.5	0.00	0.00	0.00	1.1	E
10/9/2023 13:43:00	7.3	8.6	1.3	0.00	0.00	0.00	1.1	SSE
10/9/2023 13:44:00	7.3	8.4	1.1	0.01	0.00	-0.01	1.1	ESE
10/9/2023 13:45:00	7.2	8.2	1.0	0.03	0.00	-0.03	1.1	NNW
10/9/2023 13:46:00	7.4	8.1	0.7	0.04	0.00	-0.04	1.1	N
10/9/2023 13:47:00	7.3	8.3	0.9	0.06	0.00	-0.06	1.1	NW
10/9/2023 13:48:00	7.3	8.4	1.2	0.08	0.00	-0.08	1.1	NNW
10/9/2023 13:49:00	7.6	8.5	0.9	0.11	0.00	-0.11	1.1	SE
10/9/2023 13:50:00	7.2	8.8	1.6	0.11	0.00	-0.11	1.0	NNW
10/9/2023 13:51:00	7.6	8.3	0.7	0.12	0.00	-0.12	1.1	NNW
10/9/2023 13:52:00	8.1	7.7	-0.5	0.14	0.00	-0.14	1.1	NNW
10/9/2023 13:53:00	8.0	7.6	-0.3	0.14	0.03	-0.12	1.2	NW
10/9/2023 13:54:00	8.1	7.6	-0.5	0.15	0.03	-0.13	1.2	NNW
10/9/2023 13:55:00	8.3	7.8	-0.4	0.16	0.03	-0.14	1.1	NW
10/9/2023 13:56:00	8.6	8.5	-0.1	0.17	0.03	-0.15	1.1	NNW
10/9/2023 13:57:00	8.8	8.4	-0.4	0.19	0.03	-0.16	1.2	NNW
10/9/2023 13:58:00	8.4	8.3	-0.1	0.20	0.03	-0.18	1.2	NW
10/9/2023 13:59:00	8.7	8.4	-0.3	0.19	0.03	-0.17	1.2	NNW
10/9/2023 14:00:00	9.3	8.7	-0.6	0.18	0.03	-0.15	1.2	NW
10/9/2023 14:01:00	9.3	9.1	-0.2	0.17	0.03	-0.14	1.2	NW
10/9/2023 14:02:00	9.5	9.0	-0.5	0.15	0.03	-0.12	1.1	NW
10/9/2023 14:03:00	9.5	8.8	-0.6	0.13	0.03	-0.10	1.1	NNW
10/9/2023 14:04:00	9.2	8.7	-0.5	0.11	0.03	-0.07	1.1	W
10/9/2023 14:05:00	9.4	8.7	-0.7	0.10	0.03	-0.07	1.1	NNW
10/9/2023 14:06:00	9.0	9.4	0.4	0.09	0.03	-0.06	1.1	NNW
10/9/2023 14:07:00	8.5	9.6	1.1	0.07	0.03	-0.03	1.0	NNW
10/9/2023 14:08:00	8.3	9.4	1.1	0.07	0.01	-0.06	1.0	NW
10/9/2023 14:09:00	8.5	9.2	0.7	0.06	0.01	-0.05	1.0	SE
10/9/2023 14:10:00	8.4	8.9	0.5	0.05	0.01	-0.04	1.0	NW
10/9/2023 14:11:00	8.3	8.5	0.2	0.04	0.01	-0.03	1.0	NNW
10/9/2023 14:12:00	8.2	8.4	0.1	0.03	0.01	-0.01	1.1	NW

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/9/2023 14:13:00	8.5	8.4	-0.1	0.01	0.01	0.00	1.0	NW
10/9/2023 14:14:00	8.0	8.2	0.1	0.01	0.01	0.00	1.0	NW
10/9/2023 14:15:00	7.5	8.0	0.5	0.01	0.00	-0.01	1.1	N
10/9/2023 14:16:00	7.3	7.6	0.3	0.00	0.00	0.00	1.1	NNW
10/9/2023 14:17:00	7.4	7.4	0.1	0.00	0.00	0.00	1.1	SE
10/9/2023 14:18:00	7.1	7.5	0.4	0.00	0.00	0.00	1.1	ESE
10/9/2023 14:19:00	7.7	7.3	-0.3	0.00	0.00	0.00	1.2	NW
10/9/2023 14:20:00	7.4	7.6	0.1	0.00	0.00	0.00	1.2	NW
10/9/2023 14:21:00	7.4	7.0	-0.3	0.00	0.00	0.00	1.2	NW
10/9/2023 14:22:00	7.4	6.9	-0.5	0.00	0.00	0.00	1.2	NNE
10/9/2023 14:23:00	7.5	6.6	-0.9	0.00	0.00	0.00	1.2	S
10/9/2023 14:24:00	7.1	6.5	-0.6	0.00	0.00	0.00	1.2	N
10/9/2023 14:25:00	6.7	6.8	0.1	0.00	0.00	0.00	1.2	NW
10/9/2023 14:26:00	6.6	6.7	0.1	0.00	0.00	0.00	1.2	NW
10/9/2023 14:27:00	6.5	7.1	0.6	0.00	0.00	0.00	1.2	NW
10/9/2023 14:28:00	6.1	7.2	1.1	0.00	0.00	0.00	1.2	NW
10/9/2023 14:29:00	6.9	7.0	0.1	0.00	0.00	0.00	1.3	NW
10/9/2023 14:30:00	6.9	7.2	0.3	0.00	0.00	0.00	1.3	NW
10/9/2023 14:31:00	7.0	7.3	0.3	0.00	0.00	0.00	1.3	NW
10/9/2023 14:32:00	6.7	7.8	1.0	0.00	0.00	0.00	1.3	NW
10/9/2023 14:33:00	7.1	7.6	0.5	0.00	0.00	0.00	1.4	NW
10/9/2023 14:34:00	6.7	7.6	0.9	0.00	0.00	0.00	1.5	NW
10/9/2023 14:35:00	7.0	7.2	0.1	0.00	0.00	0.00	1.5	NW
10/9/2023 14:36:00	7.1	7.1	0.0	0.00	0.00	0.00	1.5	NW
10/9/2023 14:37:00	7.1	7.4	0.3	0.00	0.00	0.00	1.5	NW
10/9/2023 14:38:00	6.8	7.8	1.0	0.00	0.00	0.00	1.5	W
10/9/2023 14:39:00	6.9	7.8	0.8	0.00	0.00	0.00	1.6	ENE
10/9/2023 14:40:00	7.2	7.3	0.2	0.00	0.00	0.00	1.6	NW
10/9/2023 14:41:00	7.0	7.3	0.3	0.00	0.00	0.00	1.6	WNW
10/9/2023 14:42:00	6.8	6.9	0.1	0.00	0.00	0.00	1.6	NW
10/9/2023 14:43:00	6.8	6.8	0.0	0.00	0.00	0.00	1.6	NW
10/9/2023 14:44:00	6.1	6.8	0.7	0.00	0.00	0.00	1.6	NW
10/9/2023 14:45:00	6.2	6.5	0.3	0.00	0.00	0.00	1.6	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
10/9/2023 14:46:00	6.0	6.5	0.5	0.00	0.00	0.00	1.6	NW
10/9/2023 14:47:00	7.0	6.0	-1.0	0.00	0.00	0.00	1.6	NE
10/9/2023 14:48:00	7.4	5.8	-1.7	0.00	0.00	0.00	1.5	NW
10/9/2023 14:49:00	7.1	6.0	-1.1	0.00	0.00	0.00	1.3	WNW
10/9/2023 14:50:00	7.5	5.7	-1.8	0.00	0.00	0.00	1.3	NW
10/9/2023 14:51:00	7.7	5.4	-2.3	0.00	0.00	0.00	1.2	E
10/9/2023 14:52:00	7.6	5.0	-2.6	0.00	0.00	0.00	1.3	NW
10/9/2023 14:53:00	7.6	4.8	-2.9	0.00	0.00	0.00	1.3	NNW
10/9/2023 14:54:00	7.4	5.2	-2.3	0.00	0.00	0.00	1.4	NW
10/9/2023 14:55:00	7.5	5.2	-2.2	0.00	0.00	0.00	1.4	NNW
10/9/2023 14:56:00	7.4	5.4	-2.0	0.00	0.00	0.00	1.4	NW
10/9/2023 14:57:00				0.00	0.00	0.00	1.3	NW
10/9/2023 14:58:00				0.01	0.00	-0.01	1.2	ENE
10/9/2023 14:59:00				0.03	0.00	-0.03	1.2	NNW
10/9/2023 15:00:00	13.6	4.1	-9.5	0.05	0.00	-0.05	1.2	E
10/9/2023 15:01:00	9.6	3.7	-5.9	0.07	0.00	-0.07	1.1	ENE
10/9/2023 15:02:00	7.3	3.5	-3.7	0.07	0.00	-0.07	1.2	SE
10/9/2023 15:03:00	6.0	3.3	-2.7	0.07	0.00	-0.07	1.2	E
10/9/2023 15:04:00	5.3	3.2	-2.1	0.07	0.00	-0.07	1.2	ENE
10/9/2023 15:05:00	5.0	3.0	-2.0	0.07	0.00	-0.07	1.3	NNE
10/9/2023 15:06:00	5.5	3.0	-2.5	0.08	0.00	-0.08	1.3	NNW
10/9/2023 15:07:00	6.1	3.0	-3.0	0.09	0.00	-0.09	1.3	N
10/9/2023 15:08:00	6.1	2.9	-3.2	0.10	0.00	-0.10	1.3	NW
10/9/2023 15:09:00	9.0	3.0	-6.0	0.13	0.00	-0.12	1.2	NNW
10/9/2023 15:10:00	10.9	2.9	-8.0	0.15	0.00	-0.15	1.2	NW
10/9/2023 15:11:00	10.5	2.9	-7.7	0.17	0.00	-0.17	1.2	NNW
10/9/2023 15:12:00	10.1	2.8	-7.3	0.19	0.00	-0.19	1.2	NW
10/9/2023 15:13:00	9.5	2.9	-6.6	0.18	0.00	-0.18	1.2	NW
10/9/2023 15:14:00	9.1	2.9	-6.2	0.16	0.00	-0.16	1.2	N
10/9/2023 15:15:00	8.4	2.8	-5.6	0.14	0.00	-0.14	1.2	NNW
10/9/2023 15:16:00	8.1	2.7	-5.4	0.13	0.00	-0.12	1.2	NW