

DAILY FIELD REPORT 080

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	September 28, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	7:00 am to 5:30 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 excavated an about 15-foot-long by 20-foot-wide area to about 7 feet below grade surface (bgs) in the southern part of waste characterization grids WC03_0-5 and WC03_5-10 to prepare for equipment mobilization. Excavated soil/fill was graded adjacent to the excavation area.
- Urban graded an about 100-foot-long by 100-foot-wide area of soil/fill in the central part of waste characterization grids WC02 and 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 drilled two rock sockets for two caissons using a Bauer BG33H Drill Rig and a Bauer BG28H Drill Rig in the central part of the site.
- Urban re-advanced one casing for one caisson using an Urban Custom Build Drill Rig in the northern part of the site.
- Urban installed reinforcement and placed grout in two caissons for completion in the central and northern parts of the site.
- During routine maintenance of a drill rig, Urban released less than 5 gallons of exhaust fluid onto the underlying concrete-paved sidewalk in the western part of the site. Spill-kits, absorbent booms and a hay bale, were applied immediately to the area and the release was stopped and contained. No odors or elevated PID readings were observed on the underlying concrete pavement following the cleanup.

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)
	96	1,920	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.

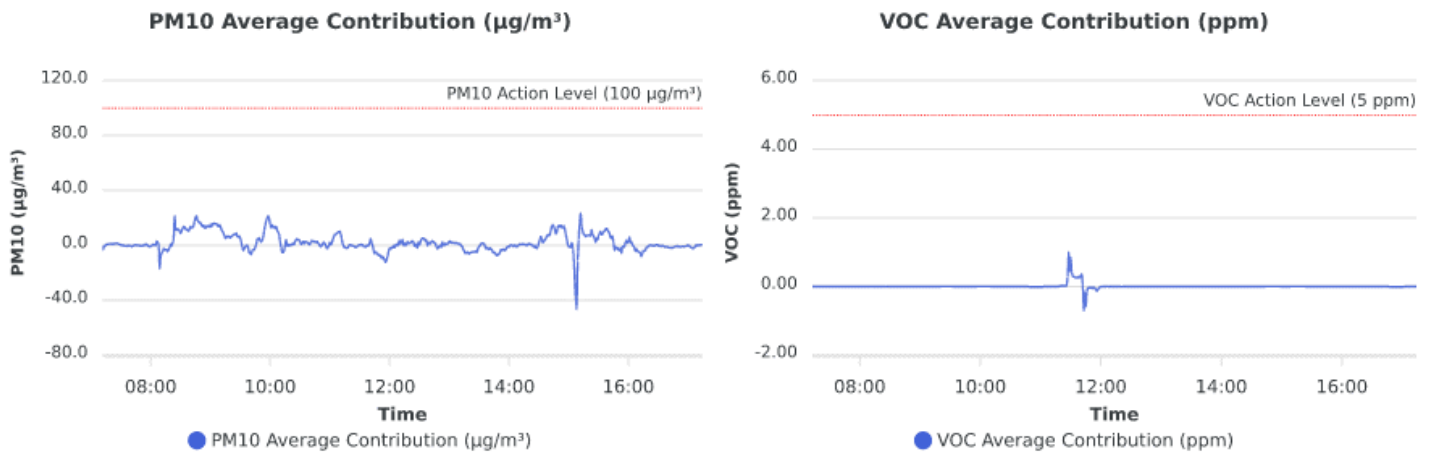
Air Monitoring:

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	16.5	Daily Background	0.00
0PM10 Average Site Contribution (Minimum)	-46.8	VOC Average Site Contribution (Minimum)	-0.70
PM10 Average Site Contribution (Maximum)	23.3	VOC Average Site Contribution (Maximum)	1.00

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

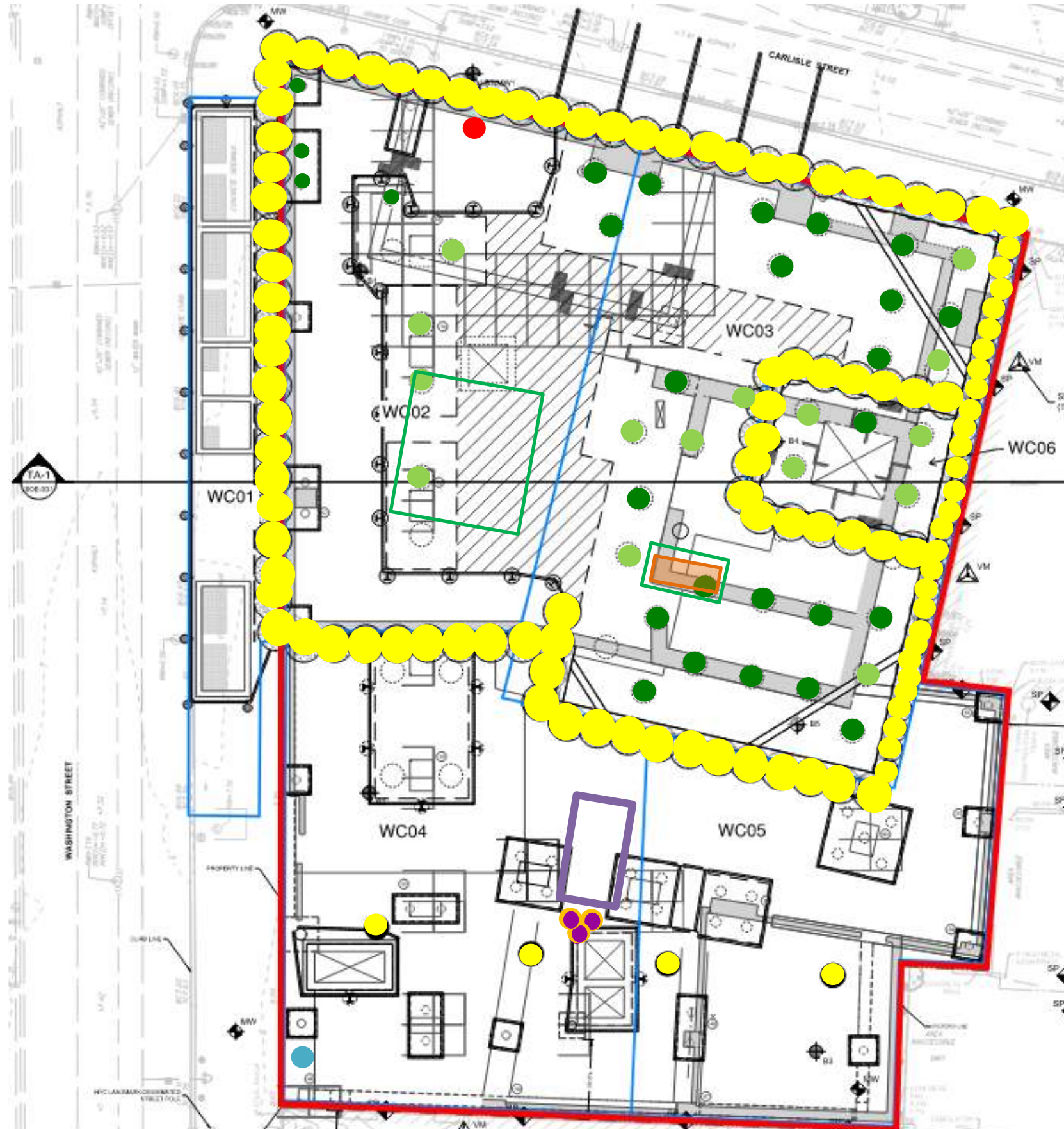
ppm: parts per million.



Planned Activities:

- Urban will continue installing caisson casings throughout the site.
- Urban will apply grout to caissons.
- Urban will export soil/fill from WC03_0-5 and WC03_5-10.

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 excavation of soil/fill in the southern part of WC03 (facing northeast).



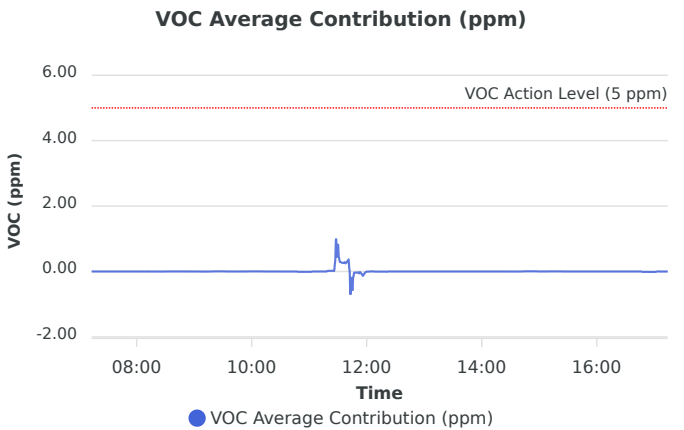
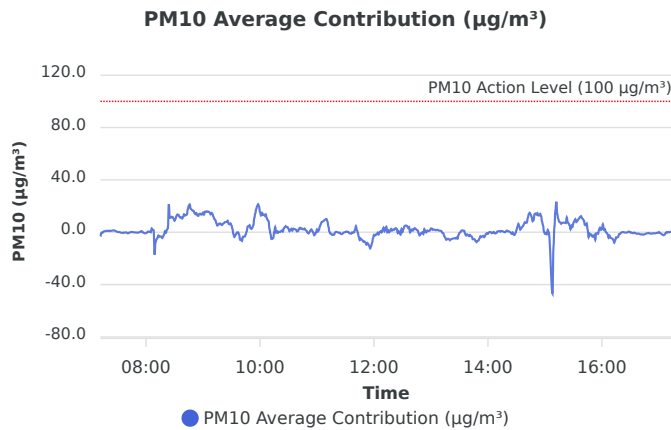
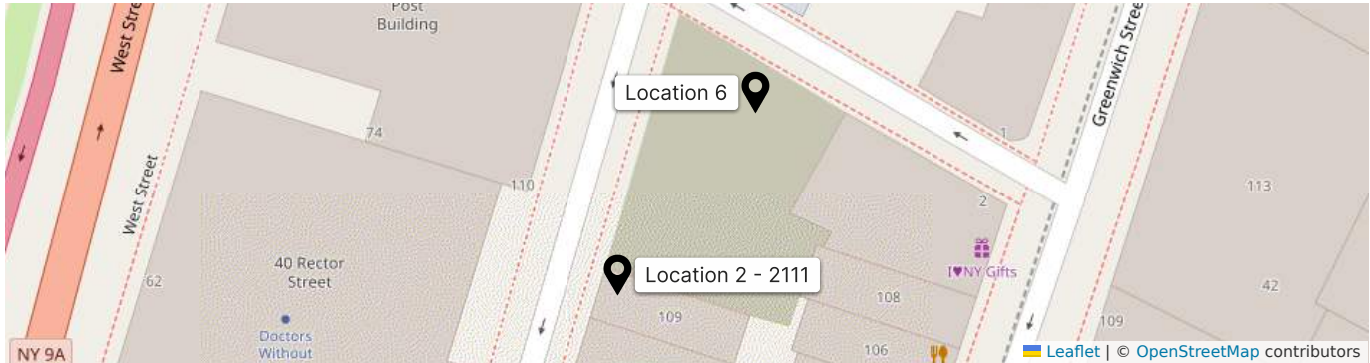
Photo 2: Urban grading soil/fill in WC02 (facing northeast).



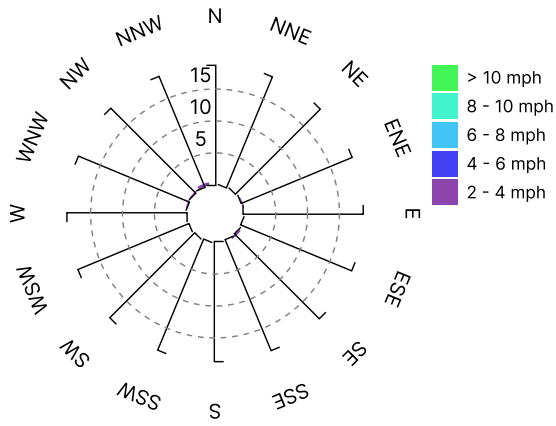
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	9/28/2023 00:00
		To:	9/28/2023 23:59
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
9/28/2023	0.4-2.7	N

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/28/2023	-46.8	15:08	-0.70	11:43
Max Contribution (15 min avg.) - 9/28/2023	23.3	15:12	1.00	11:28



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
9/28/2023 07:12:00	16.5	13.2	-3.3				1.1	E
9/28/2023 07:13:00	14.8	14.4	-0.4	0.00	0.00	0.00	1.3	NW
9/28/2023 07:14:00	14.4	13.9	-0.5	0.00	0.00	0.00	1.2	NNE
9/28/2023 07:15:00	13.8	14.2	0.3	0.00	0.00	0.00	1.1	SSE
9/28/2023 07:16:00	13.3	14.1	0.8	0.00	0.00	0.00	1.0	SSE
9/28/2023 07:17:00	13.0	13.8	0.8	0.00	0.00	0.00	1.0	NW
9/28/2023 07:18:00	12.7	13.7	1.1	0.00	0.00	0.00	1.0	SSW
9/28/2023 07:19:00	12.7	13.7	1.1	0.00	0.00	0.00	1.0	NW
9/28/2023 07:20:00	12.7	13.6	1.0	0.00	0.00	0.00	1.0	SW
9/28/2023 07:21:00	12.4	13.7	1.2	0.00	0.00	0.00	1.0	S
9/28/2023 07:22:00	12.4	13.3	0.9	0.00	0.00	0.00	1.0	NNW
9/28/2023 07:23:00	12.2	13.3	1.1	0.00	0.00	0.00	1.0	SSE
9/28/2023 07:24:00	12.0	13.2	1.2	0.00	0.00	0.00	1.0	WSW
9/28/2023 07:25:00	11.9	13.2	1.3	0.00	0.00	0.00	1.0	W
9/28/2023 07:26:00	11.7	13.2	1.5	0.00	0.00	0.00	1.0	WNW
9/28/2023 07:27:00	11.7	12.9	1.3	0.00	0.00	0.00	1.0	E
9/28/2023 07:28:00	11.7	12.6	0.8	0.00	0.00	0.00	1.0	N
9/28/2023 07:29:00	11.8	12.4	0.6	0.00	0.00	0.00	1.0	SE
9/28/2023 07:30:00	11.8	12.0	0.2	0.00	0.00	0.00	1.0	NW
9/28/2023 07:31:00	11.7	11.8	0.1	0.00	0.00	0.00	1.0	SW
9/28/2023 07:32:00	11.5	11.7	0.1	0.00	0.00	0.00	1.0	NW
9/28/2023 07:33:00	11.6	11.4	-0.2	0.00	0.00	0.00	1.0	NW
9/28/2023 07:34:00	11.5	11.1	-0.4	0.00	0.00	0.00	1.0	NNE
9/28/2023 07:35:00	11.3	10.9	-0.4	0.00	0.00	0.00	1.1	NW
9/28/2023 07:36:00	11.2	10.7	-0.6	0.00	0.00	0.00	1.1	NW
9/28/2023 07:37:00	11.0	10.8	-0.2	0.00	0.00	0.00	1.0	SW
9/28/2023 07:38:00	11.0	10.7	-0.2	0.00	0.00	0.00	1.0	SW
9/28/2023 07:39:00	10.9	10.8	-0.1	0.00	0.00	0.00	1.0	SE
9/28/2023 07:40:00	11.1	10.5	-0.5	0.00	0.00	0.00	1.0	SE
9/28/2023 07:41:00	11.2	10.3	-0.9	0.00	0.00	0.00	1.0	SE
9/28/2023 07:42:00	10.8	10.5	-0.3	0.00	0.00	0.00	1.0	SSW
9/28/2023 07:43:00	10.7	10.4	-0.3	0.00	0.00	0.00	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
9/28/2023 07:44:00	10.3	10.5	0.1	0.00	0.00	0.00	1.0	NW
9/28/2023 07:45:00	10.2	10.4	0.3	0.00	0.00	0.00	1.1	NNW
9/28/2023 07:46:00	10.2	10.3	0.1	0.00	0.00	0.00	1.2	NW
9/28/2023 07:47:00	10.3	10.2	-0.1	0.00	0.00	0.00	1.2	SE
9/28/2023 07:48:00	10.2	10.1	-0.1	0.00	0.00	0.00	1.2	NNW
9/28/2023 07:49:00	10.3	10.1	-0.3	0.00	0.00	0.00	1.2	N
9/28/2023 07:50:00	10.3	10.1	-0.2	0.00	0.00	0.00	1.2	NW
9/28/2023 07:51:00	10.3	9.9	-0.4	0.00	0.00	0.00	1.2	N
9/28/2023 07:52:00	10.2	10.0	-0.3	0.00	0.00	0.00	1.2	SW
9/28/2023 07:53:00	10.2	10.2	0.0	0.00	0.00	0.00	1.2	SSW
9/28/2023 07:54:00	10.2	10.4	0.2	0.00	0.00	0.00	1.2	SE
9/28/2023 07:55:00	9.9	10.8	0.9	0.00	0.00	0.00	1.3	SSE
9/28/2023 07:56:00	10.2	10.8	0.6	0.00	0.00	0.00	1.2	ENE
9/28/2023 07:57:00	10.9	10.6	-0.3	0.00	0.00	0.00	1.3	ENE
9/28/2023 07:58:00	11.1	10.5	-0.6	0.00	0.00	0.00	1.3	NW
9/28/2023 07:59:00	11.2	10.3	-0.8	0.00	0.00	0.00	1.4	NNW
9/28/2023 08:00:00	11.1	10.4	-0.7	0.00	0.00	0.00	1.4	NW
9/28/2023 08:01:00	11.0	10.7	-0.3	0.00	0.00	0.00	1.3	S
9/28/2023 08:02:00	10.9	11.5	0.6	0.00	0.00	0.00	1.4	SSW
9/28/2023 08:03:00	11.1	11.5	0.4	0.00	0.00	0.00	1.4	E
9/28/2023 08:04:00	11.1	11.5	0.4	0.00	0.00	0.00	1.3	E
9/28/2023 08:05:00	11.5	11.4	-0.1	0.00	0.00	0.00	1.3	ESE
9/28/2023 08:06:00	11.8	14.7	2.9	0.00	0.00	0.00	1.3	NNW
9/28/2023 08:07:00	12.9	14.7	1.8	0.00	0.00	0.00	1.4	SSW
9/28/2023 08:08:00	13.0	14.6	1.6	0.00	0.00	0.00	1.4	W
9/28/2023 08:09:00	31.4	14.3	-17.1	0.00	0.00	0.00	1.4	S
9/28/2023 08:10:00	32.1	24.3	-7.8	0.00	0.00	0.00	1.4	ENE
9/28/2023 08:11:00	32.6	27.2	-5.4	0.00	0.01	0.00	1.4	NNW
9/28/2023 08:12:00	32.3	27.8	-4.4	0.01	0.01	0.00	1.3	SE
9/28/2023 08:13:00	32.1	29.6	-2.5	0.01	0.01	0.00	1.3	NNE
9/28/2023 08:14:00	33.6	30.1	-3.5	0.01	0.01	0.00	1.3	SSE
9/28/2023 08:15:00	34.2	31.0	-3.2	0.01	0.01	0.00	1.3	N
9/28/2023 08:16:00	35.7	32.4	-3.3	0.01	0.01	0.00	1.2	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/28/2023 08:17:00	36.9	32.4	-4.5	0.01	0.01	0.00	1.2	NW
9/28/2023 08:18:00	36.9	33.6	-3.3	0.01	0.01	0.00	1.3	N
9/28/2023 08:19:00	36.8	35.1	-1.7	0.01	0.01	0.00	1.3	NW
9/28/2023 08:20:00	36.5	37.3	0.8	0.01	0.01	0.00	1.3	NNW
9/28/2023 08:21:00	36.2	36.0	-0.3	0.01	0.01	0.00	1.2	NNW
9/28/2023 08:22:00	35.4	37.3	1.9	0.01	0.01	0.00	1.3	ESE
9/28/2023 08:23:00	35.4	38.5	3.1	0.01	0.01	0.00	1.3	NW
9/28/2023 08:24:00	17.7	39.1	21.4	0.01	0.01	0.00	1.3	NNW
9/28/2023 08:25:00	18.5	29.7	11.2	0.01	0.01	0.00	1.3	NNW
9/28/2023 08:26:00	17.8	28.8	11.0	0.01	0.00	-0.01	1.4	NE
9/28/2023 08:27:00	17.6	29.4	11.8	0.00	0.00	0.00	1.4	NW
9/28/2023 08:28:00	17.6	29.2	11.6	0.00	0.00	0.00	1.4	NNE
9/28/2023 08:29:00	18.5	28.9	10.4	0.00	0.00	0.00	1.4	NW
9/28/2023 08:30:00	19.5	28.3	8.7	0.00	0.00	0.00	1.4	NW
9/28/2023 08:31:00	18.4	28.7	10.3	0.00	0.00	0.00	1.4	N
9/28/2023 08:32:00	17.5	29.8	12.3	0.00	0.00	0.00	1.4	NNE
9/28/2023 08:33:00	17.5	31.1	13.5	0.00	0.00	0.00	1.4	NNW
9/28/2023 08:34:00	17.8	31.2	13.4	0.00	0.00	0.00	1.4	NW
9/28/2023 08:35:00	17.9	30.0	12.1	0.00	0.00	0.00	1.4	SE
9/28/2023 08:36:00	17.9	29.1	11.2	0.00	0.00	0.00	1.4	NE
9/28/2023 08:37:00	17.8	29.2	11.4	0.00	0.00	0.00	1.4	NNW
9/28/2023 08:38:00	18.0	28.4	10.4	0.00	0.00	0.00	1.3	E
9/28/2023 08:39:00	17.5	29.1	11.6	0.00	0.00	0.00	1.3	NNE
9/28/2023 08:40:00	16.1	29.8	13.8	0.00	0.00	0.00	1.3	N
9/28/2023 08:41:00	15.9	28.7	12.8	0.00	0.00	0.00	1.3	NW
9/28/2023 08:42:00	15.8	28.9	13.0	0.00	0.00	0.00	1.3	NNW
9/28/2023 08:43:00	15.6	29.2	13.5	0.00	0.00	0.00	1.3	NNE
9/28/2023 08:44:00	13.3	30.9	17.6	0.00	0.00	0.00	1.3	E
9/28/2023 08:45:00	11.8	32.0	20.2	0.00	0.00	0.00	1.3	N
9/28/2023 08:46:00	11.5	32.8	21.3	0.00	0.00	0.00	1.3	NW
9/28/2023 08:47:00	13.0	30.9	17.9	0.00	0.00	0.00	1.3	NW
9/28/2023 08:48:00	12.8	30.0	17.3	0.00	0.00	0.00	1.2	N
9/28/2023 08:49:00	12.9	29.4	16.5	0.00	0.00	0.00	1.2	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
9/28/2023 08:50:00	13.5	29.9	16.4	0.00	0.00	0.00	1.2	E
9/28/2023 08:51:00	14.6	29.3	14.7	0.00	0.00	0.00	1.2	W
9/28/2023 08:52:00	14.8	28.5	13.8	0.00	0.00	0.00	1.2	ESE
9/28/2023 08:53:00	14.7	29.4	14.7	0.00	0.00	0.00	1.2	NNW
9/28/2023 08:54:00	15.4	28.2	12.8	0.00	0.00	0.00	1.2	S
9/28/2023 08:55:00	15.7	28.1	12.4	0.00	0.00	0.00	1.2	NNW
9/28/2023 08:56:00	15.8	29.7	13.9	0.00	0.00	0.00	1.2	NNW
9/28/2023 08:57:00	16.0	30.2	14.2	0.00	0.00	0.00	1.1	NE
9/28/2023 08:58:00	16.0	29.4	13.4	0.00	0.00	0.00	1.1	NNW
9/28/2023 08:59:00	16.0	29.5	13.5	0.00	0.00	0.00	1.2	N
9/28/2023 09:00:00	16.0	31.1	15.0	0.00	0.00	0.00	1.2	NNW
9/28/2023 09:01:00	16.0	29.5	13.5	0.00	0.00	0.00	1.2	NNW
9/28/2023 09:02:00	14.3	30.0	15.7	0.00	0.00	0.00	1.2	NNW
9/28/2023 09:03:00	14.3	29.8	15.5	0.00	0.00	0.00	1.3	NNW
9/28/2023 09:04:00	14.0	30.0	16.0	0.00	0.00	0.00	1.3	NW
9/28/2023 09:05:00	14.7	30.3	15.6	0.00	0.00	0.00	1.3	SE
9/28/2023 09:06:00	14.8	30.6	15.7	0.00	0.00	0.00	1.3	W
9/28/2023 09:07:00	15.0	30.0	14.9	0.00	0.00	0.00	1.3	NW
9/28/2023 09:08:00	15.2	28.8	13.6	0.00	0.00	0.00	1.4	WSW
9/28/2023 09:09:00	14.7	29.5	14.8	0.00	0.00	0.00	1.4	NNE
9/28/2023 09:10:00	14.7	28.7	14.0	0.00	0.00	0.00	1.4	ENE
9/28/2023 09:11:00	14.9	26.6	11.7	0.00	0.00	0.00	1.4	NE
9/28/2023 09:12:00	14.9	25.0	10.1	0.00	0.00	0.00	1.4	N
9/28/2023 09:13:00	15.0	24.1	9.1	0.00	0.00	0.00	1.4	ESE
9/28/2023 09:14:00	15.4	22.5	7.1	0.00	0.00	0.00	1.4	SSE
9/28/2023 09:15:00	15.8	20.9	5.1	0.00	0.00	0.00	1.4	N
9/28/2023 09:16:00	15.9	21.5	5.6	0.00	0.00	0.00	1.3	NW
9/28/2023 09:17:00	16.0	22.5	6.5	0.00	0.00	0.00	1.3	N
9/28/2023 09:18:00	16.0	22.7	6.7	0.00	0.00	0.00	1.3	E
9/28/2023 09:19:00	16.1	22.0	5.8	0.00	0.00	0.00	1.2	SE
9/28/2023 09:20:00	15.0	20.5	5.5	0.00	0.00	0.00	1.2	NW
9/28/2023 09:21:00	13.7	20.1	6.4	0.00	0.00	0.00	1.3	NW
9/28/2023 09:22:00	13.4	20.4	7.0	0.00	0.00	0.00	1.3	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
9/28/2023 09:23:00	13.4	21.1	7.7	0.00	0.00	0.00	1.2	ENE
9/28/2023 09:24:00	13.3	21.1	7.8	0.00	0.00	0.00	1.2	NW
9/28/2023 09:25:00	13.1	21.0	8.0	0.00	0.00	0.00	1.2	N
9/28/2023 09:26:00	12.8	21.6	8.8	0.00	0.00	0.00	1.2	E
9/28/2023 09:27:00	15.6	22.0	6.4	0.00	0.00	0.00	1.2	S
9/28/2023 09:28:00	16.3	22.3	6.0	0.00	0.00	0.00	1.2	NW
9/28/2023 09:29:00	15.9	22.6	6.7	0.00	0.00	0.00	1.2	N
9/28/2023 09:30:00	16.4	21.6	5.2	0.00	0.00	0.00	1.1	S
9/28/2023 09:31:00	17.8	20.2	2.4	0.00	0.00	0.00	1.1	NW
9/28/2023 09:32:00	20.2	18.8	-1.4	0.00	0.00	0.00	1.1	SSE
9/28/2023 09:33:00	21.5	17.8	-3.6	0.00	0.00	0.00	1.1	WNW
9/28/2023 09:34:00	21.4	19.0	-2.4	0.00	0.00	0.00	1.1	NNW
9/28/2023 09:35:00	21.3	20.2	-1.1	0.00	0.00	0.00	1.2	NNW
9/28/2023 09:36:00	21.4	21.3	-0.1	0.00	0.00	0.00	1.1	NW
9/28/2023 09:37:00	22.0	21.8	-0.1	0.00	0.00	0.00	1.2	NW
9/28/2023 09:38:00	23.4	21.5	-1.9	0.00	0.00	0.00	1.1	W
9/28/2023 09:39:00	26.4	20.9	-5.6	0.00	0.00	0.00	1.1	NW
9/28/2023 09:40:00	26.5	21.2	-5.3	0.00	0.00	0.00	1.1	E
9/28/2023 09:41:00	27.4	20.8	-6.7	0.00	0.00	0.00	1.1	WNW
9/28/2023 09:42:00	24.9	21.4	-3.5	0.00	0.00	0.00	1.2	E
9/28/2023 09:43:00	24.9	21.6	-3.4	0.00	0.00	0.00	1.1	SE
9/28/2023 09:44:00	25.3	21.9	-3.3	0.00	0.00	0.00	1.1	NNW
9/28/2023 09:45:00	24.4	22.9	-1.5	0.00	0.00	0.00	1.1	NNW
9/28/2023 09:46:00	22.9	23.6	0.7	0.00	0.00	0.00	1.2	NNW
9/28/2023 09:47:00	20.4	24.8	4.4	0.00	0.00	0.00	1.2	NNW
9/28/2023 09:48:00	19.8	24.4	4.6	0.00	0.00	0.00	1.2	WNW
9/28/2023 09:49:00	19.7	25.1	5.4	0.00	0.00	0.00	1.2	ESE
9/28/2023 09:50:00	21.0	24.1	3.1	0.00	0.00	0.00	1.2	SE
9/28/2023 09:51:00	21.1	23.6	2.5	0.00	0.00	0.00	1.2	N
9/28/2023 09:52:00	20.4	24.1	3.6	0.00	0.00	0.00	1.2	NNW
9/28/2023 09:53:00	19.1	24.5	5.4	0.00	0.00	0.00	1.2	NNE
9/28/2023 09:54:00	16.5	27.4	10.9	0.00	0.00	0.00	1.2	NNW
9/28/2023 09:55:00	16.9	31.2	14.3	0.00	0.00	0.00	1.2	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
9/28/2023 09:56:00	17.0	34.7	17.7	0.00	0.00	0.00	1.2	ESE
9/28/2023 09:57:00	17.4	37.3	20.0	0.00	0.00	0.00	1.3	N
9/28/2023 09:58:00	17.0	38.4	21.4	0.00	0.00	0.00	1.3	E
9/28/2023 09:59:00	18.0	37.6	19.7	0.00	0.00	0.00	1.4	NW
9/28/2023 10:00:00	21.3	36.6	15.4	0.00	0.00	0.00	1.4	SSW
9/28/2023 10:01:00	23.3	36.1	12.8	0.00	0.00	0.00	1.3	NW
9/28/2023 10:02:00	24.1	38.9	14.9	0.00	0.00	0.00	1.4	NNW
9/28/2023 10:03:00	25.9	39.1	13.2	0.00	0.00	0.00	1.4	NW
9/28/2023 10:04:00	26.3	39.7	13.4	0.00	0.00	0.00	1.4	SE
9/28/2023 10:05:00	27.3	39.9	12.6	0.00	0.00	0.00	1.4	WNW
9/28/2023 10:06:00	27.4	41.0	13.7	0.00	0.00	0.00	1.4	NW
9/28/2023 10:07:00	28.7	39.6	10.9	0.00	0.00	0.00	1.4	S
9/28/2023 10:08:00	29.2	38.6	9.4	0.00	0.00	0.00	1.4	S
9/28/2023 10:09:00	28.7	37.2	8.5	0.00	0.00	0.00	1.4	NNE
9/28/2023 10:10:00	30.1	32.6	2.6	0.00	0.00	0.00	1.4	SSW
9/28/2023 10:11:00	30.4	29.1	-1.3	0.00	0.00	0.00	1.4	SSE
9/28/2023 10:12:00	31.0	25.9	-5.2	0.00	0.00	0.00	1.3	W
9/28/2023 10:13:00	30.7	25.6	-5.1	0.00	0.00	0.00	1.3	SE
9/28/2023 10:14:00	30.1	25.8	-4.2	0.00	0.00	0.00	1.3	SE
9/28/2023 10:15:00	27.0	27.5	0.5	0.00	0.00	0.00	1.4	NNW
9/28/2023 10:16:00	24.9	28.9	3.9	0.00	0.00	0.00	1.4	NNE
9/28/2023 10:17:00	25.1	24.8	-0.3	0.00	0.00	0.00	1.3	WNW
9/28/2023 10:18:00	24.2	25.1	0.8	0.00	0.00	0.00	1.3	WNW
9/28/2023 10:19:00	24.5	24.0	-0.4	0.00	0.00	0.00	1.3	SE
9/28/2023 10:20:00	23.6	24.0	0.3	0.00	0.00	0.00	1.3	WNW
9/28/2023 10:21:00	23.8	23.9	0.1	0.00	0.00	0.00	1.3	ESE
9/28/2023 10:22:00	24.1	24.8	0.7	0.00	0.00	0.00	1.3	SSW
9/28/2023 10:23:00	23.8	25.1	1.3	0.00	0.00	0.00	1.4	SSW
9/28/2023 10:24:00	23.8	24.3	0.5	0.00	0.00	0.00	1.4	NE
9/28/2023 10:25:00	22.2	25.0	2.8	0.00	0.00	0.00	1.4	NNW
9/28/2023 10:26:00	21.1	24.9	3.8	0.00	0.00	0.00	1.4	N
9/28/2023 10:27:00	20.0	24.7	4.6	0.00	0.00	0.00	1.4	NNE
9/28/2023 10:28:00	20.1	24.1	4.0	0.00	0.00	0.00	1.4	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
9/28/2023 10:29:00	19.9	23.8	3.9	0.00	0.00	0.00	1.4	NW
9/28/2023 10:30:00	19.8	22.5	2.6	0.00	0.00	0.00	1.4	NE
9/28/2023 10:31:00	20.2	21.0	0.8	0.00	0.00	0.00	1.4	SSE
9/28/2023 10:32:00	19.7	21.3	1.6	0.00	0.00	0.00	1.4	SSE
9/28/2023 10:33:00	18.7	21.4	2.7	0.00	0.00	0.00	1.4	SW
9/28/2023 10:34:00	18.9	20.1	1.2	0.00	0.00	0.00	1.4	NW
9/28/2023 10:35:00	17.6	20.4	2.7	0.00	0.00	0.00	1.3	NNW
9/28/2023 10:36:00	17.3	19.8	2.5	0.00	0.00	0.00	1.3	NW
9/28/2023 10:37:00	16.7	19.0	2.3	0.00	0.00	0.00	1.3	NW
9/28/2023 10:38:00	17.1	18.9	1.8	0.00	0.00	0.00	1.3	SSE
9/28/2023 10:39:00	18.1	18.7	0.6	0.00	0.00	0.00	1.3	SE
9/28/2023 10:40:00	18.3	19.1	0.8	0.00	0.00	0.00	1.3	ENE
9/28/2023 10:41:00	18.3	20.7	2.4	0.00	0.00	0.00	1.3	E
9/28/2023 10:42:00	18.7	22.1	3.4	0.00	0.00	0.00	1.3	ESE
9/28/2023 10:43:00	19.0	21.8	2.7	0.00	0.00	0.00	1.3	NE
9/28/2023 10:44:00	19.1	22.0	2.9	0.00	0.00	0.00	1.3	NNW
9/28/2023 10:45:00	19.4	21.6	2.3	0.00	0.00	0.00	1.2	E
9/28/2023 10:46:00	19.5	21.7	2.2	0.00	0.00	0.00	1.2	SSE
9/28/2023 10:47:00	19.2	22.0	2.8	0.00	0.00	0.00	1.3	SSE
9/28/2023 10:48:00	20.1	21.8	1.6	0.01	0.00	-0.01	1.3	SE
9/28/2023 10:49:00	20.5	21.6	1.1	0.01	0.00	-0.01	1.3	SE
9/28/2023 10:50:00	21.6	21.3	-0.4	0.01	0.00	-0.01	1.3	SE
9/28/2023 10:51:00	21.7	20.8	-0.9	0.01	0.00	-0.01	1.3	ESE
9/28/2023 10:52:00	20.9	20.9	0.0	0.01	0.00	-0.01	1.3	S
9/28/2023 10:53:00	20.0	21.3	1.3	0.01	0.00	-0.01	1.3	E
9/28/2023 10:54:00	19.3	21.4	2.2	0.01	0.00	-0.01	1.2	NW
9/28/2023 10:55:00	19.0	20.1	1.1	0.01	0.00	-0.01	1.2	SE
9/28/2023 10:56:00	19.2	19.0	-0.2	0.01	0.00	-0.01	1.2	N
9/28/2023 10:57:00	20.3	18.0	-2.3	0.01	0.00	-0.01	1.2	E
9/28/2023 10:58:00	20.0	18.4	-1.6	0.01	0.00	-0.01	1.2	ESE
9/28/2023 10:59:00	19.5	19.4	-0.1	0.01	0.00	-0.01	1.3	SE
9/28/2023 11:00:00	19.2	21.4	2.2	0.01	0.00	-0.01	1.3	N
9/28/2023 11:01:00	21.1	21.6	0.5	0.01	0.00	-0.01	1.3	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
9/28/2023 11:02:00	21.6	23.3	1.6	0.01	0.00	-0.01	1.3	NW
9/28/2023 11:03:00	20.4	24.8	4.4	0.00	0.00	0.00	1.4	N
9/28/2023 11:04:00	19.5	25.7	6.2	0.00	0.00	0.00	1.3	ENE
9/28/2023 11:05:00	18.4	26.3	7.9	0.00	0.00	0.00	1.3	NNE
9/28/2023 11:06:00				0.00	0.00	0.00	1.3	NW
9/28/2023 11:07:00				0.00	0.00	0.00	1.2	NW
9/28/2023 11:08:00				0.00	0.00	0.00	1.2	SE
9/28/2023 11:09:00				0.00	0.00	0.00	1.2	N
9/28/2023 11:10:00	11.1	21.2	10.1	0.00	0.00	0.00	1.3	NW
9/28/2023 11:11:00	11.0	19.3	8.3	0.00	0.00	0.00	1.2	NNW
9/28/2023 11:12:00	12.2	16.6	4.5	0.00	0.00	0.00	1.2	NNE
9/28/2023 11:13:00	15.9	16.4	0.5	0.00	0.00	0.00	1.2	SE
9/28/2023 11:14:00	17.3	16.2	-1.1	0.00	0.00	0.00	1.1	N
9/28/2023 11:15:00	17.7	16.6	-1.1	0.00	0.00	0.00	1.1	NNW
9/28/2023 11:16:00	18.3	16.2	-2.1	0.00	0.00	0.00	1.1	ENE
9/28/2023 11:17:00	18.4	16.5	-1.9	0.00	0.00	0.00	1.1	ESE
9/28/2023 11:18:00	18.3	16.4	-1.9	0.00	0.00	0.00	1.0	W
9/28/2023 11:19:00	17.8	17.6	-0.2	0.00	0.01	0.01	1.0	NW
9/28/2023 11:20:00	17.8	18.1	0.3	0.00	0.02	0.02	1.1	NW
9/28/2023 11:21:00	17.8	18.0	0.2	0.00	0.02	0.02	1.1	WNW
9/28/2023 11:22:00	17.8	17.6	-0.2	0.00	0.02	0.02	1.0	NNW
9/28/2023 11:23:00	18.0	17.6	-0.5	0.00	0.02	0.02	1.0	E
9/28/2023 11:24:00	17.9	17.5	-0.3	0.00	0.02	0.02	1.1	WNW
9/28/2023 11:25:00	18.2	17.0	-1.2	0.00	0.02	0.02	1.1	NW
9/28/2023 11:26:00	18.3	16.9	-1.4	0.00	0.02	0.02	1.1	SE
9/28/2023 11:27:00	18.1	17.0	-1.1	0.00	0.28	0.28	1.1	W
9/28/2023 11:28:00	17.0	16.7	-0.3	0.00	1.00	1.00	1.1	W
9/28/2023 11:29:00	16.4	16.4	0.0	0.57	1.00	0.43	1.1	NNW
9/28/2023 11:30:00	15.7	15.9	0.2	0.57	1.41	0.84	1.1	WSW
9/28/2023 11:31:00	15.1	15.6	0.6	1.00	1.41	0.41	1.1	ESE
9/28/2023 11:32:00	14.8	15.1	0.2	1.12	1.41	0.29	1.2	SE
9/28/2023 11:33:00	14.5	14.8	0.2	1.13	1.41	0.29	1.2	SE
9/28/2023 11:34:00	14.5	13.7	-0.8	1.13	1.40	0.27	1.2	N

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/28/2023 11:35:00	13.9	12.9	-1.0	1.13	1.39	0.27	1.1	W
9/28/2023 11:36:00	13.6	12.4	-1.1	1.14	1.39	0.26	1.1	NNW
9/28/2023 11:37:00	13.0	12.9	-0.1	1.14	1.42	0.28	1.1	SE
9/28/2023 11:38:00	12.8	12.4	-0.4	1.16	1.42	0.25	1.1	N
9/28/2023 11:39:00	12.4	12.2	-0.1	1.16	1.44	0.28	1.2	NW
9/28/2023 11:40:00	11.9	13.9	2.0	1.16	1.48	0.32	1.1	SSW
9/28/2023 11:41:00	11.7	16.4	4.7	1.16	1.52	0.36	1.2	SW
9/28/2023 11:42:00	14.5	16.2	1.7	1.20	1.26	0.06	1.2	N
9/28/2023 11:43:00	16.5	16.1	-0.4	1.25	0.54	-0.70	1.2	ESE
9/28/2023 11:44:00	19.7	16.1	-3.6	0.71	0.54	-0.17	1.2	ENE
9/28/2023 11:45:00	22.0	16.0	-6.0	0.72	0.13	-0.59	1.2	N
9/28/2023 11:46:00	21.9	17.1	-4.8	0.29	0.13	-0.16	1.2	W
9/28/2023 11:47:00	22.7	17.1	-5.6	0.17	0.13	-0.04	1.2	NW
9/28/2023 11:48:00	23.4	17.1	-6.3	0.17	0.13	-0.03	1.2	NNW
9/28/2023 11:49:00	24.4	17.0	-7.3	0.17	0.13	-0.03	1.2	N
9/28/2023 11:50:00	24.5	17.5	-7.0	0.17	0.13	-0.04	1.2	SSE
9/28/2023 11:51:00	25.7	17.8	-7.9	0.16	0.13	-0.03	1.2	NW
9/28/2023 11:52:00	26.7	17.2	-9.5	0.16	0.11	-0.05	1.3	ENE
9/28/2023 11:53:00	26.1	17.9	-8.2	0.13	0.11	-0.02	1.2	SE
9/28/2023 11:54:00	26.8	17.6	-9.2	0.14	0.09	-0.05	1.3	NNE
9/28/2023 11:55:00	26.8	16.3	-10.5	0.14	0.05	-0.09	1.3	SE
9/28/2023 11:56:00	26.7	14.3	-12.4	0.14	0.01	-0.13	1.3	S
9/28/2023 11:57:00	24.9	14.3	-10.6	0.10	0.01	-0.09	1.4	SE
9/28/2023 11:58:00	22.9	14.7	-8.2	0.05	0.01	-0.05	1.4	WNW
9/28/2023 11:59:00	19.6	15.0	-4.6	0.02	0.01	-0.01	1.4	WSW
9/28/2023 12:00:00	17.3	15.3	-2.0	0.01	0.01	0.00	1.4	W
9/28/2023 12:01:00	17.3	14.8	-2.4	0.01	0.01	-0.01	1.3	SSE
9/28/2023 12:02:00	16.5	14.8	-1.7	0.01	0.01	0.00	1.3	ESE
9/28/2023 12:03:00	16.5	14.7	-1.7	0.01	0.01	0.00	1.3	ESE
9/28/2023 12:04:00	15.7	15.4	-0.3	0.01	0.01	0.00	1.3	SSE
9/28/2023 12:05:00	16.6	14.9	-1.7	0.01	0.01	0.00	1.3	NW
9/28/2023 12:06:00	15.3	15.4	0.2	0.01	0.01	0.01	1.3	WNW
9/28/2023 12:07:00	14.7	15.4	0.7	0.01	0.01	0.00	1.2	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
9/28/2023 12:08:00	14.9	14.7	-0.2	0.01	0.01	-0.01	1.3	NW
9/28/2023 12:09:00	14.2	15.9	1.7	0.01	0.01	0.00	1.2	SE
9/28/2023 12:10:00	14.3	17.8	3.5	0.01	0.01	0.00	1.1	SSW
9/28/2023 12:11:00	16.1	16.9	0.8	0.01	0.01	0.00	1.1	N
9/28/2023 12:12:00	15.1	18.0	2.9	0.01	0.01	0.00	1.1	WSW
9/28/2023 12:13:00	15.0	19.2	4.2	0.01	0.01	0.00	1.1	SE
9/28/2023 12:14:00	18.9	19.0	0.0	0.01	0.01	0.00	1.1	NE
9/28/2023 12:15:00	19.0	20.5	1.6	0.01	0.01	0.00	1.0	SSW
9/28/2023 12:16:00	20.0	19.9	-0.1	0.01	0.01	0.00	1.0	NNW
9/28/2023 12:17:00	19.6	20.6	1.0	0.01	0.01	0.00	1.1	WNW
9/28/2023 12:18:00	18.7	21.3	2.6	0.01	0.01	0.00	1.1	SSW
9/28/2023 12:19:00	19.2	20.5	1.3	0.01	0.01	0.00	1.1	SE
9/28/2023 12:20:00	18.6	20.6	1.9	0.01	0.01	0.00	1.1	NNW
9/28/2023 12:21:00	18.6	20.4	1.8	0.01	0.00	-0.01	1.2	SSE
9/28/2023 12:22:00	18.3	20.9	2.7	0.00	0.00	0.00	1.2	WSW
9/28/2023 12:23:00	18.1	21.2	3.0	0.00	0.00	0.00	1.2	WNW
9/28/2023 12:24:00	18.2	20.7	2.5	0.00	0.00	0.00	1.2	SE
9/28/2023 12:25:00	18.8	18.2	-0.6	0.00	0.00	0.00	1.2	N
9/28/2023 12:26:00	17.4	18.3	0.9	0.00	0.00	0.00	1.2	E
9/28/2023 12:27:00	17.8	17.2	-0.7	0.00	0.00	0.00	1.2	NNW
9/28/2023 12:28:00	17.8	15.9	-1.8	0.00	0.00	0.00	1.2	NW
9/28/2023 12:29:00	13.7	16.1	2.4	0.00	0.00	0.00	1.2	NW
9/28/2023 12:30:00	14.1	14.3	0.2	0.00	0.00	0.00	1.2	N
9/28/2023 12:31:00	13.1	15.5	2.4	0.00	0.00	0.00	1.2	SE
9/28/2023 12:32:00	13.1	17.6	4.4	0.00	0.00	0.00	1.1	SE
9/28/2023 12:33:00	13.2	18.2	5.1	0.00	0.00	0.00	1.1	SE
9/28/2023 12:34:00	13.3	18.4	5.1	0.00	0.00	0.00	1.1	ESE
9/28/2023 12:35:00	13.8	18.4	4.6	0.00	0.00	0.00	1.1	ESE
9/28/2023 12:36:00	14.6	17.8	3.2	0.00	0.00	0.00	1.1	SE
9/28/2023 12:37:00	14.6	18.5	3.9	0.00	0.00	0.00	1.1	SSE
9/28/2023 12:38:00	18.3	18.2	-0.1	0.00	0.00	0.00	1.1	ENE
9/28/2023 12:39:00	18.4	19.6	1.1	0.00	0.00	0.00	1.0	W
9/28/2023 12:40:00	17.9	20.0	2.1	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
9/28/2023 12:41:00	18.8	20.0	1.3	0.00	0.00	0.00	1.0	ENE
9/28/2023 12:42:00	18.4	21.1	2.6	0.00	0.00	0.00	1.0	WSW
9/28/2023 12:43:00	18.5	21.6	3.1	0.00	0.00	0.00	1.0	WNW
9/28/2023 12:44:00	18.8	21.4	2.5	0.00	0.00	0.00	0.9	E
9/28/2023 12:45:00	19.6	21.4	1.8	0.00	0.00	0.00	1.0	SE
9/28/2023 12:46:00	19.7	21.1	1.5	0.00	0.00	0.00	1.0	SE
9/28/2023 12:47:00	19.7	18.9	-0.8	0.00	0.00	0.00	1.0	WSW
9/28/2023 12:48:00	20.0	17.6	-2.5	0.00	0.00	0.00	1.0	NNW
9/28/2023 12:49:00	19.2	17.6	-1.6	0.00	0.00	0.00	1.0	SSE
9/28/2023 12:50:00	18.4	17.9	-0.5	0.00	0.00	0.00	1.0	SE
9/28/2023 12:51:00	18.1	18.0	-0.1	0.00	0.00	0.00	1.0	ESE
9/28/2023 12:52:00	18.3	16.9	-1.4	0.00	0.00	0.00	1.0	NNE
9/28/2023 12:53:00	14.7	17.0	2.4	0.00	0.00	0.00	1.0	ENE
9/28/2023 12:54:00	14.8	15.3	0.5	0.00	0.00	0.00	1.0	ESE
9/28/2023 12:55:00	15.2	15.0	-0.2	0.00	0.00	0.00	1.0	NW
9/28/2023 12:56:00	14.0	15.3	1.3	0.00	0.00	0.00	1.1	NW
9/28/2023 12:57:00	14.0	15.1	1.1	0.00	0.00	0.00	1.1	SSE
9/28/2023 12:58:00	14.1	15.0	0.9	0.00	0.00	0.00	1.1	SSW
9/28/2023 12:59:00	14.0	15.4	1.4	0.00	0.00	0.00	1.0	WNW
9/28/2023 13:00:00	12.9	15.8	2.9	0.00	0.00	0.00	1.0	WNW
9/28/2023 13:01:00	12.9	15.7	2.8	0.00	0.00	0.00	1.0	WNW
9/28/2023 13:02:00	13.6	15.4	1.8	0.00	0.00	0.00	1.0	N
9/28/2023 13:03:00	13.5	15.5	2.0	0.00	0.00	0.00	1.0	NNE
9/28/2023 13:04:00	13.5	15.5	2.0	0.00	0.00	0.00	1.1	ENE
9/28/2023 13:05:00	13.7	15.2	1.5	0.00	0.00	0.00	1.0	N
9/28/2023 13:06:00	13.5	15.3	1.8	0.00	0.00	0.00	1.0	ENE
9/28/2023 13:07:00	13.5	15.3	1.8	0.00	0.00	0.00	1.0	NW
9/28/2023 13:08:00	13.7	15.1	1.4	0.00	0.00	0.00	1.0	N
9/28/2023 13:09:00	13.8	15.0	1.2	0.00	0.00	0.00	1.0	NNW
9/28/2023 13:10:00	13.9	15.1	1.1	0.00	0.00	0.00	1.1	NNW
9/28/2023 13:11:00	14.0	14.8	0.8	0.00	0.00	0.00	1.0	NNW
9/28/2023 13:12:00	14.6	14.1	-0.5	0.00	0.00	0.00	1.0	SE
9/28/2023 13:13:00	15.3	14.6	-0.7	0.00	0.00	0.00	1.1	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
9/28/2023 13:14:00	18.2	15.2	-3.0	0.00	0.00	0.00	1.1	WNW
9/28/2023 13:15:00	19.6	15.4	-4.1	0.00	0.00	0.00	1.1	WNW
9/28/2023 13:16:00	20.5	14.8	-5.8	0.00	0.00	0.00	1.1	ESE
9/28/2023 13:17:00	20.3	14.9	-5.5	0.00	0.00	0.00	1.1	ENE
9/28/2023 13:18:00	20.2	15.2	-5.0	0.00	0.00	0.00	1.1	SSE
9/28/2023 13:19:00	20.6	15.1	-5.4	0.00	0.00	0.00	1.1	NNE
9/28/2023 13:20:00	21.3	15.1	-6.1	0.00	0.00	0.00	1.1	ESE
9/28/2023 13:21:00	21.0	15.7	-5.3	0.00	0.00	0.00	1.1	NW
9/28/2023 13:22:00	20.9	15.8	-5.1	0.00	0.00	0.00	1.1	NW
9/28/2023 13:23:00	20.7	15.9	-4.9	0.00	0.00	0.00	1.1	NW
9/28/2023 13:24:00	20.6	15.9	-4.7	0.00	0.00	0.00	1.1	NW
9/28/2023 13:25:00	20.3	15.8	-4.5	0.00	0.00	0.00	1.1	NNW
9/28/2023 13:26:00	20.6	15.8	-4.8	0.00	0.00	0.00	1.1	NW
9/28/2023 13:27:00	20.1	16.0	-4.1	0.00	0.00	0.00	1.1	WSW
9/28/2023 13:28:00	19.6	14.7	-5.0	0.00	0.00	0.00	1.1	SE
9/28/2023 13:29:00	16.7	14.6	-2.0	0.00	0.00	0.00	1.1	WSW
9/28/2023 13:30:00	15.3	14.7	-0.6	0.00	0.00	0.00	1.1	WNW
9/28/2023 13:31:00	14.8	14.8	0.0	0.00	0.00	0.00	1.1	SE
9/28/2023 13:32:00	14.5	15.6	1.2	0.00	0.00	0.00	1.1	NW
9/28/2023 13:33:00	14.5	16.0	1.5	0.00	0.00	0.00	1.1	NW
9/28/2023 13:34:00	14.8	16.0	1.2	0.00	0.00	0.00	1.1	SE
9/28/2023 13:35:00	15.1	16.2	1.1	0.00	0.00	0.00	1.1	ESE
9/28/2023 13:36:00	17.1	15.7	-1.4	0.00	0.00	0.00	1.1	ESE
9/28/2023 13:37:00	18.4	15.9	-2.5	0.00	0.00	0.00	1.1	ENE
9/28/2023 13:38:00	18.4	16.8	-1.6	0.00	0.00	0.00	1.1	SE
9/28/2023 13:39:00	19.1	16.8	-2.3	0.00	0.00	0.00	1.1	N
9/28/2023 13:40:00	19.9	16.9	-2.9	0.00	0.00	0.00	1.1	ESE
9/28/2023 13:41:00	19.6	17.6	-2.0	0.00	0.00	0.00	1.1	SSE
9/28/2023 13:42:00	20.4	17.5	-2.9	0.00	0.00	0.00	1.1	NW
9/28/2023 13:43:00	20.9	17.6	-3.4	0.00	0.00	0.00	1.1	ENE
9/28/2023 13:44:00	22.1	16.7	-5.3	0.00	0.00	0.00	1.1	ESE
9/28/2023 13:45:00	22.2	17.0	-5.2	0.00	0.00	0.00	1.1	SSE
9/28/2023 13:46:00	22.4	17.0	-5.5	0.00	0.00	0.00	1.1	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
9/28/2023 13:47:00	23.0	16.2	-6.8	0.00	0.00	0.00	1.2	SE
9/28/2023 13:48:00	23.6	16.0	-7.6	0.00	0.00	0.00	1.2	NNW
9/28/2023 13:49:00	23.0	16.5	-6.6	0.00	0.00	0.00	1.2	SE
9/28/2023 13:50:00	22.9	16.5	-6.4	0.00	0.00	0.00	1.2	SE
9/28/2023 13:51:00	21.3	16.4	-4.9	0.00	0.00	0.00	1.3	SE
9/28/2023 13:52:00	20.0	16.9	-3.1	0.00	0.00	0.00	1.3	SE
9/28/2023 13:53:00	20.0	16.3	-3.7	0.00	0.00	0.00	1.3	SSW
9/28/2023 13:54:00	19.4	16.3	-3.1	0.00	0.00	0.00	1.3	N
9/28/2023 13:55:00	19.0	16.2	-2.8	0.00	0.00	0.00	1.3	NE
9/28/2023 13:56:00	19.4	15.6	-3.8	0.00	0.00	0.00	1.3	ESE
9/28/2023 13:57:00	18.6	16.0	-2.6	0.00	0.00	0.00	1.3	SSW
9/28/2023 13:58:00	17.8	16.5	-1.3	0.00	0.00	0.00	1.3	WNW
9/28/2023 13:59:00	17.1	16.4	-0.7	0.00	0.00	0.00	1.3	SE
9/28/2023 14:00:00	17.0	15.8	-1.2	0.00	0.00	0.00	1.2	WSW
9/28/2023 14:01:00	16.4	16.2	-0.1	0.00	0.00	0.00	1.2	SSE
9/28/2023 14:02:00	16.0	16.1	0.2	0.00	0.00	0.00	1.2	ESE
9/28/2023 14:03:00	15.5	15.6	0.1	0.00	0.00	0.00	1.3	ENE
9/28/2023 14:04:00	15.8	15.0	-0.8	0.00	0.00	0.00	1.3	SE
9/28/2023 14:05:00	15.3	14.9	-0.4	0.00	0.00	0.00	1.2	NE
9/28/2023 14:06:00	15.1	15.3	0.2	0.00	0.00	0.00	1.2	SE
9/28/2023 14:07:00	15.4	14.6	-0.8	0.00	0.00	0.00	1.2	NNE
9/28/2023 14:08:00	15.3	14.4	-1.0	0.00	0.00	0.00	1.2	WNW
9/28/2023 14:09:00	15.1	14.6	-0.5	0.00	0.00	0.00	1.2	WNW
9/28/2023 14:10:00	14.7	15.4	0.6	0.00	0.00	0.00	1.3	SW
9/28/2023 14:11:00	14.6	15.3	0.8	0.00	0.00	0.00	1.3	SE
9/28/2023 14:12:00	14.5	15.3	0.8	0.00	0.00	0.00	1.3	WNW
9/28/2023 14:13:00	14.5	14.9	0.4	0.00	0.00	0.00	1.2	NW
9/28/2023 14:14:00	14.2	15.1	1.0	0.00	0.00	0.00	1.2	SSE
9/28/2023 14:15:00	14.1	14.9	0.8	0.00	0.00	0.00	1.2	S
9/28/2023 14:16:00	14.1	14.7	0.6	0.00	0.00	0.00	1.2	WNW
9/28/2023 14:17:00	14.5	14.7	0.2	0.00	0.00	0.00	1.3	SE
9/28/2023 14:18:00	14.7	14.7	0.0	0.00	0.00	0.00	1.2	ESE
9/28/2023 14:19:00	14.3	15.0	0.7	0.00	0.00	0.00	1.2	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
9/28/2023 14:20:00	13.8	15.1	1.3	0.00	0.00	0.00	1.2	WSW
9/28/2023 14:21:00	14.0	14.6	0.7	0.00	0.00	0.00	1.1	NNW
9/28/2023 14:22:00	13.9	14.6	0.7	0.00	0.00	0.00	1.2	NNW
9/28/2023 14:23:00	14.3	14.5	0.3	0.00	0.00	0.00	1.1	ESE
9/28/2023 14:24:00	14.8	14.4	-0.4	0.00	0.00	0.00	1.1	N
9/28/2023 14:25:00	15.6	14.3	-1.3	0.00	0.00	0.00	1.1	SSE
9/28/2023 14:26:00	15.8	15.6	-0.1	0.00	0.00	0.00	1.0	NW
9/28/2023 14:27:00	17.6	15.8	-1.9	0.00	0.00	0.00	1.0	SSE
9/28/2023 14:28:00	18.2	16.1	-2.1	0.00	0.00	0.00	1.0	WNW
9/28/2023 14:29:00	18.6	17.9	-0.7	0.00	0.00	0.00	1.1	NNW
9/28/2023 14:30:00	19.2	20.8	1.6	0.00	0.00	0.00	1.1	ESE
9/28/2023 14:31:00	19.9	24.0	4.1	0.00	0.00	0.00	1.0	NNW
9/28/2023 14:32:00	20.0	26.4	6.4	0.00	0.00	0.00	1.0	NE
9/28/2023 14:33:00	22.6	27.1	4.5	0.00	0.00	0.00	1.1	WNW
9/28/2023 14:34:00	25.0	26.9	1.9	0.00	0.00	0.00	1.1	WNW
9/28/2023 14:35:00	25.5	28.5	3.0	0.00	0.00	0.00	1.1	E
9/28/2023 14:36:00	25.4	29.4	3.9	0.00	0.00	0.00	1.1	N
9/28/2023 14:37:00	25.3	30.2	4.9	0.00	0.00	0.00	1.1	NNW
9/28/2023 14:38:00	25.0	31.4	6.4	0.00	0.00	0.00	1.2	ENE
9/28/2023 14:39:00	25.1	32.8	7.7	0.00	0.00	0.00	1.1	NNW
9/28/2023 14:40:00	25.4	32.5	7.1	0.00	0.00	0.00	1.1	SE
9/28/2023 14:41:00	25.5	32.9	7.4	0.00	0.00	0.00	1.2	ENE
9/28/2023 14:42:00	24.0	35.1	11.1	0.00	0.00	0.00	1.2	NNW
9/28/2023 14:43:00	23.8	37.6	13.8	0.00	0.00	0.00	1.2	NE
9/28/2023 14:44:00	23.7	38.6	14.9	0.00	0.00	0.00	1.2	NNW
9/28/2023 14:45:00	23.6	37.0	13.4	0.00	0.01	0.01	1.3	NW
9/28/2023 14:46:00	22.9	34.6	11.6	0.00	0.01	0.01	1.3	NNW
9/28/2023 14:47:00	23.8	32.2	8.4	0.00	0.01	0.01	1.3	WNW
9/28/2023 14:48:00	22.6	31.6	9.1	0.00	0.01	0.01	1.2	WNW
9/28/2023 14:49:00	20.2	34.0	13.8	0.00	0.01	0.01	1.2	N
9/28/2023 14:50:00	20.1	34.3	14.2	0.00	0.01	0.01	1.2	NNE
9/28/2023 14:51:00	21.6	35.1	13.5	0.00	0.01	0.01	1.2	NNW
9/28/2023 14:52:00	22.6	37.2	14.6	0.00	0.01	0.01	1.2	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
9/28/2023 14:53:00	24.2	37.0	12.8	0.00	0.01	0.01	1.1	W
9/28/2023 14:54:00	24.2	37.0	12.8	0.00	0.01	0.01	1.1	N
9/28/2023 14:55:00	23.5	37.5	14.1	0.00	0.01	0.01	1.1	NNW
9/28/2023 14:56:00	24.0	36.4	12.4	0.00	0.01	0.01	1.1	W
9/28/2023 14:57:00	26.0	33.9	7.9	0.00	0.01	0.01	1.0	NW
9/28/2023 14:58:00	28.3	33.5	5.2	0.00	0.00	0.00	1.0	N
9/28/2023 14:59:00	31.2	31.5	0.4	0.00	0.00	0.00	1.0	WNW
9/28/2023 15:00:00	31.4	30.2	-1.1	0.00	0.00	0.00	0.9	WNW
9/28/2023 15:01:00	31.5	31.0	-0.5	0.00	0.00	0.00	0.9	N
9/28/2023 15:02:00	33.4	31.8	-1.6	0.00	0.00	0.00	0.9	S
9/28/2023 15:03:00	32.3	34.1	1.8	0.00	0.00	0.00	0.9	E
9/28/2023 15:04:00	32.6	32.5	-0.1	0.00	0.00	0.00	0.8	N
9/28/2023 15:05:00				0.00	0.00	0.00	0.8	SE
9/28/2023 15:06:00				0.00	0.00	0.00	0.8	NW
9/28/2023 15:07:00				0.00	0.00	0.00	0.8	S
9/28/2023 15:08:00	66.8	20.0	-46.8	0.00	0.00	0.00	0.8	SSE
9/28/2023 15:09:00	45.0	33.9	-11.1	0.00	0.00	0.00	0.8	SE
9/28/2023 15:10:00	37.1	41.5	4.3	0.00	0.00	0.00	0.8	N
9/28/2023 15:11:00	31.5	48.0	16.5	0.00	0.00	0.00	0.9	N
9/28/2023 15:12:00	29.2	52.5	23.3	0.00	0.00	0.00	0.9	NNE
9/28/2023 15:13:00	34.5	48.3	13.8	0.00	0.00	0.00	0.9	SE
9/28/2023 15:14:00	35.2	45.5	10.3	0.00	0.00	0.00	0.9	SSW
9/28/2023 15:15:00	34.8	42.8	8.0	0.00	0.00	0.00	0.9	NW
9/28/2023 15:16:00	34.1	41.7	7.6	0.00	0.00	0.00	0.9	ENE
9/28/2023 15:17:00	33.6	40.1	6.5	0.00	0.00	0.00	0.9	WNW
9/28/2023 15:18:00	32.1	39.3	7.2	0.00	0.00	0.00	0.9	E
9/28/2023 15:19:00	30.8	38.0	7.2	0.00	0.00	0.00	0.9	E
9/28/2023 15:20:00	29.5	36.8	7.3	0.00	0.00	0.00	1.0	E
9/28/2023 15:21:00	28.4	35.6	7.1	0.00	0.00	0.00	1.0	ENE
9/28/2023 15:22:00	27.4	34.4	7.0	0.00	0.00	0.00	1.0	NE
9/28/2023 15:23:00	23.9	35.2	11.3	0.00	0.00	0.00	1.0	ESE
9/28/2023 15:24:00	25.5	33.1	7.6	0.00	0.00	0.00	1.0	NW
9/28/2023 15:25:00	24.9	31.6	6.7	0.00	0.00	0.00	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
9/28/2023 15:26:00	24.7	29.9	5.2	0.00	0.00	0.00	0.9	E
9/28/2023 15:27:00	24.2	26.4	2.3	0.00	0.00	0.00	0.9	ENE
9/28/2023 15:28:00	20.9	26.1	5.1	0.00	0.00	0.00	0.9	ENE
9/28/2023 15:29:00	21.0	25.1	4.1	0.00	0.00	0.00	0.8	WNW
9/28/2023 15:30:00	19.9	27.1	7.1	0.00	0.00	0.00	0.9	NE
9/28/2023 15:31:00	18.9	27.5	8.6	0.00	0.00	0.00	0.9	NW
9/28/2023 15:32:00	17.9	27.9	10.0	0.00	0.00	0.00	0.8	NNW
9/28/2023 15:33:00	19.3	27.1	7.8	0.00	0.00	0.00	0.9	SSE
9/28/2023 15:34:00	19.6	27.9	8.3	0.00	0.00	0.00	0.9	N
9/28/2023 15:35:00	19.6	29.4	9.8	0.00	0.00	0.00	0.9	NW
9/28/2023 15:36:00	19.8	30.3	10.6	0.00	0.00	0.00	0.8	NNW
9/28/2023 15:37:00	19.8	31.5	11.7	0.00	0.00	0.00	0.8	ESE
9/28/2023 15:38:00	20.1	32.4	12.3	0.00	0.00	0.00	0.9	ENE
9/28/2023 15:39:00	21.5	32.3	10.8	0.00	0.00	0.00	0.9	NW
9/28/2023 15:40:00	21.7	31.7	10.0	0.00	0.00	0.00	0.9	ESE
9/28/2023 15:41:00	22.1	30.9	8.9	0.00	0.00	0.00	0.9	ENE
9/28/2023 15:42:00	25.4	31.0	5.6	0.00	0.00	0.00	0.9	WSW
9/28/2023 15:43:00	26.0	31.4	5.3	0.00	0.00	0.00	0.9	E
9/28/2023 15:44:00	24.9	31.6	6.7	0.00	0.00	0.00	0.9	ENE
9/28/2023 15:45:00	27.2	29.0	1.8	0.00	0.00	0.00	0.9	WNW
9/28/2023 15:46:00	31.0	27.2	-3.8	0.00	0.00	0.00	0.9	NW
9/28/2023 15:47:00	30.9	29.9	-1.1	0.00	0.00	0.00	0.9	NW
9/28/2023 15:48:00	31.9	29.7	-2.2	0.00	0.00	0.00	0.9	SW
9/28/2023 15:49:00	31.9	30.1	-1.8	0.00	0.00	0.00	0.8	E
9/28/2023 15:50:00	31.9	28.5	-3.4	0.00	0.00	0.00	0.8	N
9/28/2023 15:51:00	31.7	28.1	-3.5	0.00	0.00	0.00	0.8	ENE
9/28/2023 15:52:00	31.5	29.4	-2.1	0.00	0.00	0.00	0.8	NNE
9/28/2023 15:53:00	33.1	27.3	-5.8	0.00	0.00	0.00	0.8	NW
9/28/2023 15:54:00	29.7	28.9	-0.8	0.00	0.00	0.00	0.8	NW
9/28/2023 15:55:00	30.6	29.7	-0.9	0.00	0.00	0.00	0.8	NW
9/28/2023 15:56:00	30.9	29.8	-1.2	0.00	0.00	0.00	0.8	WNW
9/28/2023 15:57:00	28.3	30.4	2.1	0.00	0.00	0.00	0.8	NNW
9/28/2023 15:58:00	28.0	31.5	3.5	0.00	0.00	0.00	0.8	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/28/2023 15:59:00	29.6	31.4	1.8	0.00	0.00	0.00	0.8	NW
9/28/2023 16:00:00	28.8	31.2	2.4	0.00	0.00	0.00	0.8	SW
9/28/2023 16:01:00	25.5	31.4	5.9	0.00	0.00	0.00	0.8	NW
9/28/2023 16:02:00	25.5	27.5	2.0	0.00	0.00	0.00	0.8	ESE
9/28/2023 16:03:00	24.9	27.4	2.5	0.00	0.00	0.00	0.8	SSW
9/28/2023 16:04:00	25.5	25.8	0.3	0.00	0.00	0.00	0.8	SSE
9/28/2023 16:05:00	25.8	25.2	-0.5	0.00	0.00	0.00	0.9	NNE
9/28/2023 16:06:00	25.7	24.2	-1.5	0.00	0.00	0.00	0.9	WNW
9/28/2023 16:07:00	25.6	21.4	-4.3	0.00	0.00	0.00	0.9	SE
9/28/2023 16:08:00	23.7	21.2	-2.5	0.00	0.00	0.00	1.0	SE
9/28/2023 16:09:00	23.5	19.3	-4.2	0.00	0.00	0.00	1.0	NNE
9/28/2023 16:10:00	22.4	17.8	-4.6	0.00	0.00	0.00	1.0	NW
9/28/2023 16:11:00	21.6	16.7	-4.9	0.00	0.00	0.00	1.0	NW
9/28/2023 16:12:00	21.4	15.4	-5.9	0.00	0.00	0.00	1.0	ESE
9/28/2023 16:13:00	21.3	13.3	-8.0	0.00	0.00	0.00	1.0	ESE
9/28/2023 16:14:00	19.0	13.0	-6.1	0.00	0.00	0.00	1.0	NNW
9/28/2023 16:15:00	17.1	13.2	-3.9	0.00	0.00	0.00	1.0	W
9/28/2023 16:16:00	16.9	12.9	-4.0	0.00	0.00	0.00	1.0	E
9/28/2023 16:17:00	16.6	12.9	-3.7	0.00	0.00	0.00	1.0	SSE
9/28/2023 16:18:00	14.3	12.9	-1.5	0.00	0.00	0.00	1.0	WNW
9/28/2023 16:19:00	13.7	12.3	-1.4	0.00	0.00	0.00	1.0	SE
9/28/2023 16:20:00	13.1	12.7	-0.5	0.00	0.00	0.00	1.0	NW
9/28/2023 16:21:00	13.0	12.9	-0.1	0.00	0.00	0.00	1.0	NW
9/28/2023 16:22:00	13.0	13.1	0.2	0.00	0.00	0.00	1.0	NW
9/28/2023 16:23:00	13.1	13.1	0.0	0.00	0.00	0.00	0.9	NNW
9/28/2023 16:24:00	13.3	13.1	-0.2	0.00	0.00	0.00	0.9	ESE
9/28/2023 16:25:00	13.3	13.1	-0.2	0.00	0.00	0.00	0.9	S
9/28/2023 16:26:00	13.3	13.0	-0.3	0.00	0.00	0.00	0.9	WNW
9/28/2023 16:27:00	13.0	13.0	0.0	0.00	0.00	0.00	0.9	N
9/28/2023 16:28:00	12.6	13.1	0.5	0.00	0.00	0.00	0.9	NW
9/28/2023 16:29:00	12.6	13.0	0.4	0.00	0.00	0.00	0.9	NNW
9/28/2023 16:30:00	13.0	12.7	-0.3	0.00	0.00	0.00	0.9	SE
9/28/2023 16:31:00	12.8	12.6	-0.2	0.00	0.00	0.00	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
9/28/2023 16:32:00	12.9	12.3	-0.6	0.00	0.00	0.00	1.0	ESE
9/28/2023 16:33:00	12.9	12.2	-0.7	0.00	0.00	0.00	1.0	WNW
9/28/2023 16:34:00	12.5	12.2	-0.3	0.00	0.00	0.00	1.1	NNW
9/28/2023 16:35:00	12.4	11.9	-0.5	0.00	0.00	0.00	1.1	SSE
9/28/2023 16:36:00	12.5	11.5	-1.0	0.00	0.00	0.00	1.1	NW
9/28/2023 16:37:00	12.5	11.3	-1.3	0.00	0.00	0.00	1.1	WNW
9/28/2023 16:38:00	12.3	11.2	-1.0	0.00	0.00	0.00	1.1	E
9/28/2023 16:39:00	12.3	11.2	-1.1	0.00	0.00	0.00	1.0	N
9/28/2023 16:40:00	12.5	10.9	-1.5	0.00	0.00	0.00	1.0	SE
9/28/2023 16:41:00	12.6	10.8	-1.8	0.00	0.00	0.00	1.0	E
9/28/2023 16:42:00	12.4	10.8	-1.5	0.00	0.00	0.00	1.0	ESE
9/28/2023 16:43:00	12.5	10.7	-1.9	0.00	0.00	0.00	1.0	E
9/28/2023 16:44:00	12.5	10.7	-1.8	0.00	0.00	0.00	1.0	ESE
9/28/2023 16:45:00	12.2	10.8	-1.5	0.00	0.00	0.00	1.0	ESE
9/28/2023 16:46:00	12.1	10.9	-1.2	0.00	0.00	0.00	1.0	SE
9/28/2023 16:47:00	12.0	11.1	-0.9	0.01	0.00	-0.01	0.9	NW
9/28/2023 16:48:00	12.0	11.2	-0.8	0.01	0.00	-0.01	0.9	WNW
9/28/2023 16:49:00	11.9	11.4	-0.5	0.02	0.00	-0.01	0.9	WNW
9/28/2023 16:50:00	12.1	11.2	-0.9	0.02	0.01	-0.01	0.9	NNE
9/28/2023 16:51:00	12.1	11.2	-0.9	0.02	0.01	-0.01	0.9	ESE
9/28/2023 16:52:00	12.3	11.1	-1.1	0.02	0.01	-0.01	0.9	NE
9/28/2023 16:53:00	12.2	11.2	-1.0	0.02	0.01	-0.01	0.9	ENE
9/28/2023 16:54:00	11.9	11.2	-0.7	0.02	0.01	-0.01	0.9	NNW
9/28/2023 16:55:00	11.9	11.1	-0.8	0.02	0.01	-0.01	0.9	NNW
9/28/2023 16:56:00	11.9	11.0	-0.9	0.02	0.01	-0.01	1.0	ESE
9/28/2023 16:57:00	11.8	11.1	-0.7	0.02	0.01	-0.01	0.9	SSE
9/28/2023 16:58:00	11.7	11.2	-0.4	0.02	0.01	-0.01	0.9	WNW
9/28/2023 16:59:00	11.7	11.2	-0.5	0.02	0.01	-0.01	1.0	NW
9/28/2023 17:00:00	11.6	11.7	0.1	0.02	0.01	-0.01	1.0	SSE
9/28/2023 17:01:00	12.1	11.6	-0.5	0.02	0.01	-0.01	1.0	SE
9/28/2023 17:02:00	12.5	11.5	-1.0	0.02	0.01	-0.01	1.0	SE
9/28/2023 17:03:00	12.8	11.3	-1.5	0.01	0.01	0.00	1.0	ESE
9/28/2023 17:04:00	13.2	11.2	-2.1	0.01	0.01	0.00	1.0	ESE

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
9/28/2023 17:05:00	13.4	11.2	-2.3	0.00	0.00	0.00	1.0	NW
9/28/2023 17:06:00	13.4	11.5	-1.9	0.00	0.00	0.00	1.0	WNW
9/28/2023 17:07:00	13.3	12.6	-0.7	0.00	0.00	0.00	1.1	NW
9/28/2023 17:08:00	13.2	13.2	0.1	0.00	0.00	0.00	1.1	SSE
9/28/2023 17:09:00	13.4	13.2	-0.2	0.00	0.00	0.00	1.1	NNE
9/28/2023 17:10:00	13.3	13.4	0.2	0.00	0.00	0.00	1.1	NW
9/28/2023 17:11:00	13.5	13.4	-0.1	0.00	0.00	0.00	1.2	ESE
9/28/2023 17:12:00	13.5	13.6	0.2	0.00	0.00	0.00	1.1	NW
9/28/2023 17:13:00	13.5	13.9	0.4	0.00	0.00	0.00	1.1	WNW
9/28/2023 17:14:00	13.6	13.9	0.3	0.00	0.00	0.00	1.1	N