

DAILY FIELD REPORT 061

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	August 30, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 5:00 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Caitlyn Dempsey (Environmental) Xianglei Zheng (Geotechnical)
Construction Manager: Consigli Construction Co., Inc. (Consigli)	
Foundation Contractor: Urban Foundation/Engineering (Urban)	

Work Activities Performed:

- Urban graded an about 100-foot-long by 50-foot-wide area of soil/fill in waste characterization grids WC03, WC04 and WC05 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 continued drilling a rock socket for one caisson using a Bauer BG 28H drilling rig in the central part of the site.
- Urban installed reinforcement for one caisson in the northern part 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)
	75	1,500	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.

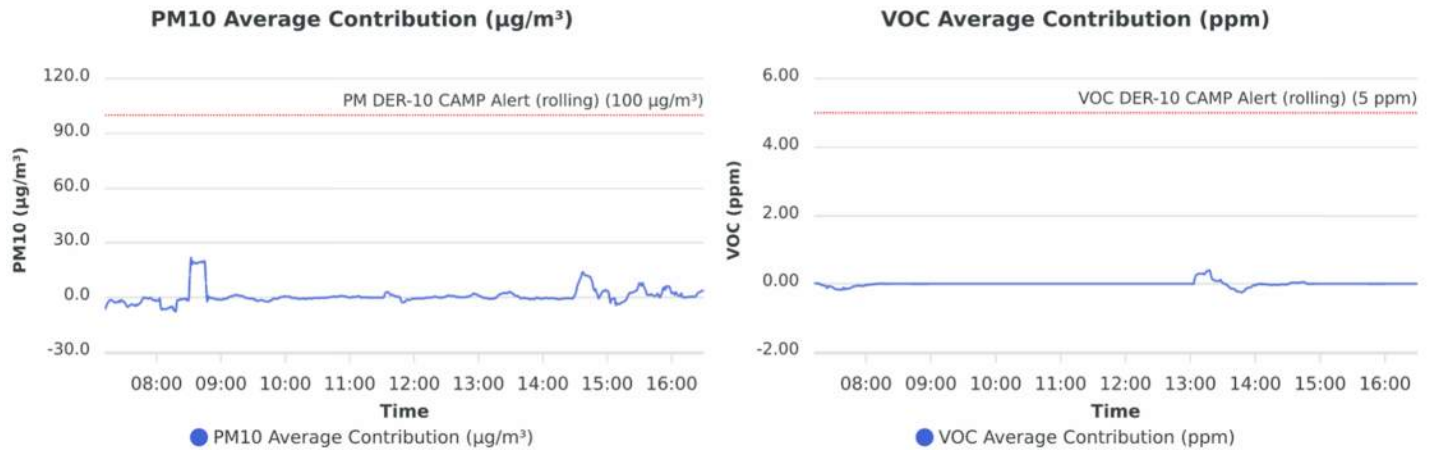
Air Monitoring:

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 $\mu\text{g}/\text{m}^3$ and 5 ppm, respectively, on this day.

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)		Organic Vapor Monitoring (ppm)	
Daily Background	15.0	Daily Background	0.02
PM10 Average Site Contribution (Minimum)	-7.8	VOC Average Site Contribution (Minimum)	-0.26
PM10 Average Site Contribution (Maximum)	21.9	VOC Average Site Contribution (Maximum)	0.39

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

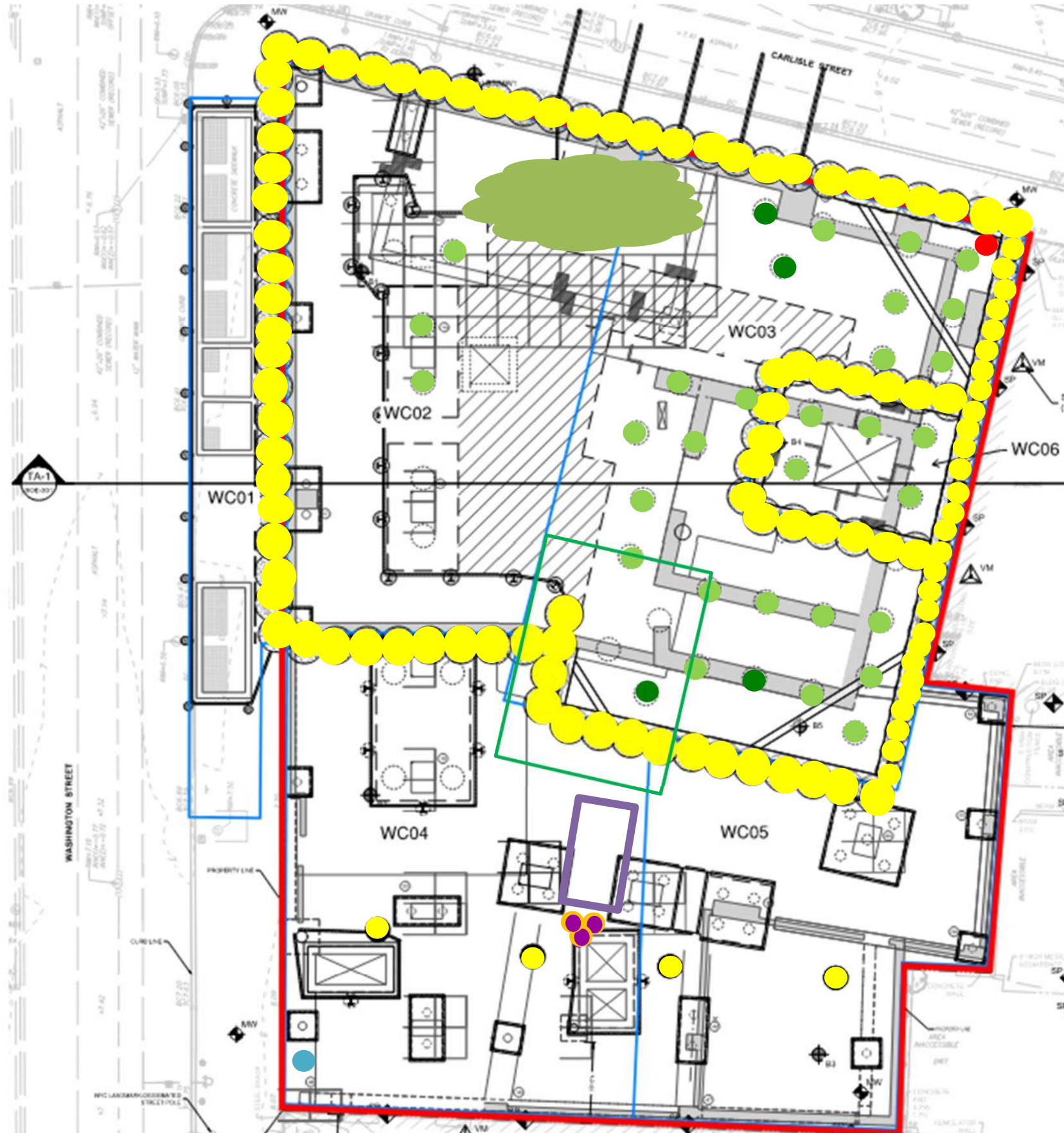
ppm: parts per million.



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 Urban grading in the southern part of the site (facing east).



Photo 2: View of the southern part of the site (facing south).



Photo 3: View of CAMP Station 2 in the southwestern part of the site (facing east).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	8/30/2023 00:00
		To:	8/30/2023 22:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

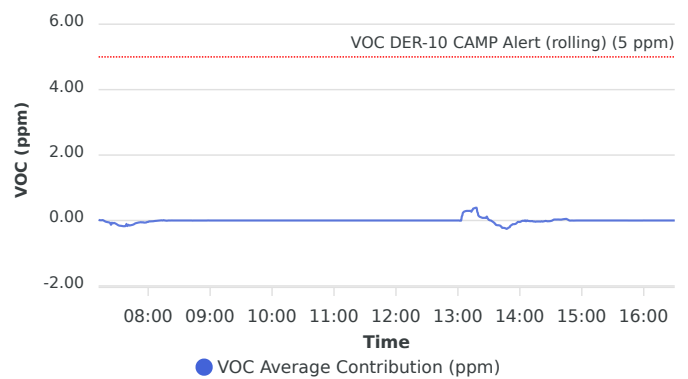
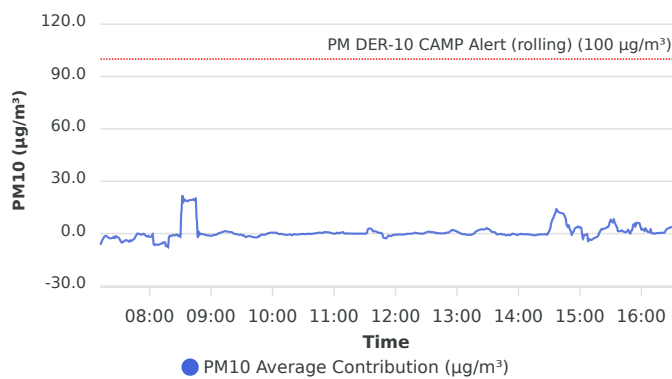
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
8/30/2023	0.2-4.7	SSE

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/30/2023	-7.8	08:18	-0.26	13:47
Max Contribution (15 min avg.) - 8/30/2023	21.9	08:32	0.39	13:17

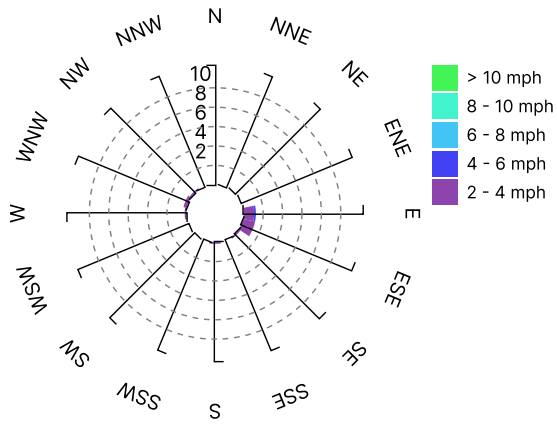


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
8/30/2023 07:12:00	15.0	8.6	-6.4	0.00	0.02	0.02	1.8	E
8/30/2023 07:13:00	13.1	8.2	-4.9	0.00	0.01	0.01	1.3	E
8/30/2023 07:14:00	11.6	8.1	-3.5	0.00	0.01	0.01	1.2	NW
8/30/2023 07:15:00	10.8	8.2	-2.6	0.00	0.01	0.01	1.1	WNW
8/30/2023 07:16:00	10.1	8.5	-1.6	0.01	0.02	0.01	1.0	WSW
8/30/2023 07:17:00	9.8	8.5	-1.3	0.02	0.02	0.00	0.9	WNW
8/30/2023 07:18:00	9.8	8.3	-1.5	0.04	0.02	-0.02	0.9	NW
8/30/2023 07:19:00	10.1	8.2	-1.9	0.05	0.01	-0.04	0.9	WSW
8/30/2023 07:20:00	10.5	8.1	-2.4	0.06	0.01	-0.05	0.9	WNW
8/30/2023 07:21:00	10.7	8.0	-2.7	0.06	0.01	-0.05	0.9	WNW
8/30/2023 07:22:00	10.8	8.1	-2.7	0.07	0.01	-0.06	0.9	WNW
8/30/2023 07:23:00	10.8	8.2	-2.6	0.08	0.01	-0.07	1.0	WNW
8/30/2023 07:24:00	10.7	8.2	-2.5	0.14	0.01	-0.13	1.0	NW
8/30/2023 07:25:00	10.4	8.5	-1.8	0.13	0.05	-0.07	1.0	NNW
8/30/2023 07:26:00	10.9	8.3	-2.6	0.14	0.05	-0.09	1.0	WNW
8/30/2023 07:27:00	10.2	8.8	-1.5	0.14	0.06	-0.07	0.9	SE
8/30/2023 07:28:00	10.3	8.5	-1.8	0.15	0.06	-0.09	0.9	WNW
8/30/2023 07:29:00	10.8	8.6	-2.2	0.17	0.06	-0.10	0.9	WNW
8/30/2023 07:30:00	11.0	8.6	-2.4	0.18	0.06	-0.12	0.9	NW
8/30/2023 07:31:00	12.1	8.5	-3.5	0.20	0.06	-0.14	1.0	WNW
8/30/2023 07:32:00	12.9	8.3	-4.6	0.21	0.06	-0.16	1.0	NW
8/30/2023 07:33:00	13.4	8.2	-5.2	0.22	0.06	-0.16	1.0	NW
8/30/2023 07:34:00	13.2	8.3	-4.9	0.22	0.06	-0.16	1.0	NW
8/30/2023 07:35:00	12.9	8.5	-4.3	0.23	0.06	-0.17	1.0	NW
8/30/2023 07:36:00	12.6	8.6	-4.0	0.23	0.06	-0.17	1.0	WNW
8/30/2023 07:37:00	12.5	8.8	-3.7	0.23	0.06	-0.17	1.0	WNW
8/30/2023 07:38:00	12.9	8.9	-4.0	0.23	0.06	-0.17	1.0	WNW
8/30/2023 07:39:00	13.4	9.2	-4.2	0.17	0.06	-0.11	0.9	NNW
8/30/2023 07:40:00	13.7	9.1	-4.6	0.18	0.02	-0.16	0.9	NW
8/30/2023 07:41:00	13.2	9.3	-3.8	0.17	0.04	-0.14	0.9	NW
8/30/2023 07:42:00	13.2	8.9	-4.3	0.19	0.04	-0.15	0.9	N
8/30/2023 07:43:00	13.0	9.1	-3.9	0.19	0.05	-0.15	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
8/30/2023 07:44:00	12.4	9.0	-3.4	0.19	0.05	-0.14	0.9	NW
8/30/2023 07:45:00	12.1	9.1	-3.0	0.18	0.05	-0.13	0.9	NW
8/30/2023 07:46:00	11.0	9.1	-1.9	0.17	0.06	-0.12	0.9	WNW
8/30/2023 07:47:00	10.0	9.2	-0.9	0.16	0.07	-0.10	0.9	WNW
8/30/2023 07:48:00	9.4	9.4	0.0	0.15	0.07	-0.08	0.9	NW
8/30/2023 07:49:00	9.4	9.4	0.0	0.15	0.07	-0.07	0.9	WNW
8/30/2023 07:50:00	9.5	9.2	-0.3	0.14	0.07	-0.07	0.9	WNW
8/30/2023 07:51:00	9.3	8.9	-0.4	0.13	0.07	-0.06	0.9	WNW
8/30/2023 07:52:00	9.0	8.3	-0.7	0.13	0.07	-0.06	0.9	WNW
8/30/2023 07:53:00	8.3	7.8	-0.5	0.12	0.07	-0.05	0.9	WNW
8/30/2023 07:54:00	7.6	7.5	-0.1	0.13	0.07	-0.06	0.9	WNW
8/30/2023 07:55:00	7.8	7.3	-0.5	0.12	0.06	-0.05	0.9	NW
8/30/2023 07:56:00	8.5	7.4	-1.1	0.11	0.05	-0.07	0.9	NW
8/30/2023 07:57:00	9.1	7.5	-1.5	0.10	0.04	-0.06	0.9	NW
8/30/2023 07:58:00	9.4	7.6	-1.7	0.09	0.03	-0.06	0.9	NNW
8/30/2023 07:59:00	9.3	8.0	-1.3	0.07	0.03	-0.05	0.9	E
8/30/2023 08:00:00	9.6	7.7	-1.9	0.07	0.03	-0.04	0.9	WNW
8/30/2023 08:01:00	9.6	7.7	-1.9	0.06	0.03	-0.03	0.9	NNW
8/30/2023 08:02:00	9.7	8.1	-1.6	0.06	0.03	-0.03	0.9	N
8/30/2023 08:03:00	9.8	9.4	-0.4	0.05	0.02	-0.03	0.9	ESE
8/30/2023 08:04:00	15.7	9.5	-6.2	0.05	0.02	-0.03	0.9	NW
8/30/2023 08:05:00	16.2	9.6	-6.6	0.05	0.02	-0.02	0.9	WNW
8/30/2023 08:06:00	16.4	10.3	-6.2	0.04	0.03	-0.02	0.9	E
8/30/2023 08:07:00	17.0	10.7	-6.3	0.04	0.03	-0.01	0.9	SW
8/30/2023 08:08:00	17.5	11.0	-6.5	0.04	0.03	-0.01	0.9	NW
8/30/2023 08:09:00	17.6	11.3	-6.3	0.03	0.03	-0.01	0.9	NNW
8/30/2023 08:10:00	17.3	11.2	-6.1	0.03	0.03	0.00	0.8	NW
8/30/2023 08:11:00	16.9	11.1	-5.8	0.03	0.03	0.00	0.8	WNW
8/30/2023 08:12:00	16.9	11.2	-5.7	0.02	0.03	0.00	0.8	NW
8/30/2023 08:13:00	16.7	11.6	-5.1	0.02	0.03	0.01	0.8	E
8/30/2023 08:14:00	17.0	11.6	-5.3	0.02	0.02	0.00	0.8	SE
8/30/2023 08:15:00	17.0	12.0	-5.0	0.01	0.02	0.01	0.8	NW
8/30/2023 08:16:00	19.3	12.1	-7.2	0.01	0.01	0.00	0.8	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
8/30/2023 08:17:00	19.3	12.4	-6.9	0.01	0.01	0.00	0.8	N
8/30/2023 08:18:00	19.3	11.4	-7.8	0.01	0.00	-0.01	0.8	NNW
8/30/2023 08:19:00	13.6	11.7	-1.8	0.01	0.00	0.00	0.8	N
8/30/2023 08:20:00	13.3	12.0	-1.3	0.00	0.00	0.00	0.8	SE
8/30/2023 08:21:00	13.7	12.2	-1.5	0.00	0.00	0.00	0.8	W
8/30/2023 08:22:00	13.4	12.4	-1.0	0.00	0.00	0.00	0.8	NW
8/30/2023 08:23:00	13.5	12.7	-0.8	0.00	0.00	0.00	0.8	WSW
8/30/2023 08:24:00	13.6	12.4	-1.1	0.00	0.00	0.00	0.8	W
8/30/2023 08:25:00	13.6	12.6	-1.0	0.00	0.00	0.00	0.8	SE
8/30/2023 08:26:00	13.5	12.9	-0.6	0.00	0.00	0.00	0.9	NW
8/30/2023 08:27:00	13.5	12.8	-0.7	0.00	0.00	0.00	0.9	NW
8/30/2023 08:28:00	14.0	12.5	-1.5	0.00	0.00	0.00	0.9	WSW
8/30/2023 08:29:00	14.0	13.1	-0.9	0.00	0.00	0.00	1.0	SE
8/30/2023 08:30:00	14.8	13.0	-1.8	0.00	0.00	0.00	0.9	WNW
8/30/2023 08:31:00	14.3	26.8	12.5	0.00	0.00	0.00	0.9	NW
8/30/2023 08:32:00	18.0	39.9	21.9	0.00	0.00	0.00	1.0	WNW
8/30/2023 08:33:00	22.8	40.9	18.1	0.00	0.00	0.00	0.9	W
8/30/2023 08:34:00	23.1	42.6	19.6	0.00	0.00	0.00	0.9	ESE
8/30/2023 08:35:00	23.5	42.4	18.9	0.00	0.00	0.00	0.9	NW
8/30/2023 08:36:00	23.1	42.0	18.9	0.00	0.00	0.00	0.9	ENE
8/30/2023 08:37:00	22.9	41.5	18.5	0.00	0.00	0.00	0.9	NW
8/30/2023 08:38:00	22.4	41.3	18.9	0.00	0.00	0.00	0.9	N
8/30/2023 08:39:00	22.1	41.3	19.2	0.00	0.00	0.00	0.9	ESE
8/30/2023 08:40:00	21.7	41.0	19.2	0.00	0.00	0.00	0.8	E
8/30/2023 08:41:00	21.3	40.5	19.3	0.00	0.00	0.00	0.8	ESE
8/30/2023 08:42:00	20.8	40.1	19.4	0.00	0.00	0.00	0.8	NNW
8/30/2023 08:43:00	19.9	39.7	19.8	0.00	0.00	0.00	0.7	NW
8/30/2023 08:44:00	19.6	38.6	19.1	0.00	0.00	0.00	0.7	ESE
8/30/2023 08:45:00	18.4	38.4	20.0	0.00	0.00	0.00	0.7	ESE
8/30/2023 08:46:00	16.5	24.3	7.8	0.00	0.00	0.00	0.7	N
8/30/2023 08:47:00	12.8	10.4	-2.4	0.00	0.00	0.00	0.7	NW
8/30/2023 08:48:00	7.9	8.8	0.9	0.00	0.00	0.00	0.7	SSW
8/30/2023 08:49:00	7.1	6.5	-0.5	0.00	0.00	0.00	0.7	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
8/30/2023 08:50:00	6.2	6.1	-0.1	0.00	0.00	0.00	0.7	NW
8/30/2023 08:51:00	6.0	5.8	-0.3	0.00	0.00	0.00	0.7	NW
8/30/2023 08:52:00	5.9	5.6	-0.3	0.00	0.00	0.00	0.7	WSW
8/30/2023 08:53:00	5.8	5.3	-0.5	0.00	0.00	0.00	0.7	NW
8/30/2023 08:54:00	5.8	5.0	-0.7	0.00	0.00	0.00	0.7	ENE
8/30/2023 08:55:00	6.4	5.5	-0.9	0.00	0.00	0.00	0.7	N
8/30/2023 08:56:00	7.2	6.2	-1.1	0.00	0.00	0.00	0.7	WSW
8/30/2023 08:57:00	7.2	6.2	-1.0	0.00	0.00	0.00	0.8	NW
8/30/2023 08:58:00	7.3	6.2	-1.1	0.00	0.00	0.00	0.8	ENE
8/30/2023 08:59:00	7.3	6.1	-1.2	0.00	0.00	0.00	0.8	SSW
8/30/2023 09:00:00	7.3	5.9	-1.4	0.00	0.00	0.00	0.8	WSW
8/30/2023 09:01:00	7.2	6.0	-1.2	0.00	0.00	0.00	0.9	ESE
8/30/2023 09:02:00	6.9	6.0	-0.9	0.00	0.00	0.00	1.0	SE
8/30/2023 09:03:00	6.7	6.0	-0.7	0.00	0.00	0.00	1.0	SE
8/30/2023 09:04:00	6.6	5.8	-0.8	0.00	0.00	0.00	1.0	SE
8/30/2023 09:05:00	6.5	5.8	-0.7	0.00	0.00	0.00	1.0	SSE
8/30/2023 09:06:00	6.3	5.9	-0.4	0.00	0.00	0.00	1.1	ESE
8/30/2023 09:07:00	6.2	6.3	0.1	0.00	0.00	0.00	1.1	ESE
8/30/2023 09:08:00	6.2	6.5	0.3	0.00	0.00	0.00	1.2	ESE
8/30/2023 09:09:00	6.1	6.6	0.5	0.00	0.00	0.00	1.4	E
8/30/2023 09:10:00	5.4	6.1	0.7	0.00	0.00	0.00	1.5	E
8/30/2023 09:11:00	4.6	5.5	0.9	0.00	0.00	0.00	1.5	ENE
8/30/2023 09:12:00	4.5	5.6	1.1	0.00	0.00	0.00	1.6	ESE
8/30/2023 09:13:00	4.2	5.5	1.3	0.00	0.00	0.00	1.6	E
8/30/2023 09:14:00	4.2	5.5	1.3	0.00	0.00	0.00	1.6	SSE
8/30/2023 09:15:00	4.2	5.5	1.3	0.00	0.00	0.00	1.6	S
8/30/2023 09:16:00	4.3	5.4	1.1	0.00	0.00	0.00	1.5	WSW
8/30/2023 09:17:00	4.3	5.3	1.1	0.00	0.00	0.00	1.4	SSW
8/30/2023 09:18:00	4.3	5.3	1.0	0.00	0.00	0.00	1.4	SSW
8/30/2023 09:19:00	4.4	5.2	0.8	0.00	0.00	0.00	1.4	WSW
8/30/2023 09:20:00	4.4	5.3	0.9	0.00	0.00	0.00	1.4	S
8/30/2023 09:21:00	4.5	5.1	0.5	0.00	0.00	0.00	1.4	SSW
8/30/2023 09:22:00	4.6	4.7	0.1	0.00	0.00	0.00	1.3	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
8/30/2023 09:23:00	4.7	4.5	-0.2	0.00	0.00	0.00	1.2	S
8/30/2023 09:24:00	4.7	4.4	-0.3	0.00	0.00	0.00	1.1	SE
8/30/2023 09:25:00	4.6	4.2	-0.4	0.00	0.00	0.00	1.0	SSE
8/30/2023 09:26:00	4.5	4.0	-0.5	0.00	0.00	0.00	1.0	NW
8/30/2023 09:27:00	4.5	3.8	-0.6	0.00	0.00	0.00	0.9	SSW
8/30/2023 09:28:00	4.4	3.8	-0.7	0.00	0.00	0.00	0.8	SW
8/30/2023 09:29:00	4.4	3.8	-0.6	0.00	0.00	0.00	0.8	SW
8/30/2023 09:30:00	4.4	3.8	-0.7	0.00	0.00	0.00	0.7	S
8/30/2023 09:31:00	5.0	3.8	-1.2	0.00	0.00	0.00	0.7	SSE
8/30/2023 09:32:00	5.0	3.9	-1.1	0.00	0.00	0.00	0.7	ESE
8/30/2023 09:33:00	5.7	4.0	-1.7	0.00	0.00	0.00	0.7	ESE
8/30/2023 09:34:00	6.2	4.2	-2.0	0.00	0.00	0.00	0.6	SE
8/30/2023 09:35:00	6.1	4.4	-1.7	0.00	0.00	0.00	0.6	S
8/30/2023 09:36:00	5.9	4.4	-1.5	0.00	0.00	0.00	0.6	SSW
8/30/2023 09:37:00	5.8	4.4	-1.5	0.00	0.00	0.00	0.7	SSW
8/30/2023 09:38:00	5.8	4.3	-1.4	0.00	0.00	0.00	0.8	SW
8/30/2023 09:39:00	6.0	4.3	-1.7	0.00	0.00	0.00	0.8	WSW
8/30/2023 09:40:00	6.3	4.3	-2.0	0.00	0.00	0.00	0.8	W
8/30/2023 09:41:00	6.4	4.4	-2.0	0.00	0.00	0.00	0.9	SSE
8/30/2023 09:42:00	6.5	4.4	-2.1	0.00	0.00	0.00	0.9	WSW
8/30/2023 09:43:00	6.6	4.4	-2.2	0.00	0.00	0.00	0.9	WSW
8/30/2023 09:44:00	6.7	4.4	-2.3	0.00	0.00	0.00	0.9	SW
8/30/2023 09:45:00	6.5	4.4	-2.1	0.00	0.00	0.00	0.9	W
8/30/2023 09:46:00	6.0	4.4	-1.6	0.00	0.00	0.00	0.9	ESE
8/30/2023 09:47:00	6.1	4.3	-1.7	0.00	0.00	0.00	0.9	ESE
8/30/2023 09:48:00	5.3	4.3	-1.0	0.00	0.00	0.00	1.0	E
8/30/2023 09:49:00	4.7	4.1	-0.6	0.00	0.00	0.00	1.1	ESE
8/30/2023 09:50:00	4.5	3.9	-0.6	0.00	0.00	0.00	1.1	SE
8/30/2023 09:51:00	4.5	3.8	-0.7	0.00	0.00	0.00	1.1	S
8/30/2023 09:52:00	4.4	3.7	-0.7	0.00	0.00	0.00	1.0	SW
8/30/2023 09:53:00	4.3	3.7	-0.6	0.00	0.00	0.00	0.9	WNW
8/30/2023 09:54:00	4.0	3.6	-0.4	0.00	0.00	0.00	0.9	W
8/30/2023 09:55:00	3.6	3.7	0.1	0.00	0.00	0.00	0.9	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
8/30/2023 09:56:00	3.5	3.8	0.2	0.00	0.00	0.00	0.9	SW
8/30/2023 09:57:00	3.4	3.8	0.3	0.00	0.00	0.00	0.8	SW
8/30/2023 09:58:00	3.3	3.8	0.5	0.00	0.00	0.00	0.9	SW
8/30/2023 09:59:00	3.1	3.8	0.6	0.00	0.00	0.00	0.9	SW
8/30/2023 10:00:00	3.1	3.7	0.6	0.00	0.00	0.00	0.9	SW
8/30/2023 10:01:00	3.0	3.6	0.5	0.00	0.00	0.00	0.9	SSE
8/30/2023 10:02:00	3.0	3.4	0.5	0.00	0.00	0.00	0.9	SSE
8/30/2023 10:03:00	2.9	3.4	0.5	0.00	0.00	0.00	0.8	SE
8/30/2023 10:04:00	2.9	3.5	0.5	0.00	0.00	0.00	0.7	SE
8/30/2023 10:05:00	3.4	3.4	0.0	0.00	0.00	0.00	0.7	SSW
8/30/2023 10:06:00	3.8	3.5	-0.3	0.00	0.00	0.00	0.7	WSW
8/30/2023 10:07:00	3.8	3.5	-0.3	0.00	0.00	0.00	0.7	W
8/30/2023 10:08:00	3.8	3.6	-0.2	0.00	0.00	0.00	0.7	N
8/30/2023 10:09:00	3.9	3.7	-0.2	0.00	0.00	0.00	0.7	NNE
8/30/2023 10:10:00	3.9	3.5	-0.4	0.00	0.00	0.00	0.7	NW
8/30/2023 10:11:00	4.0	3.4	-0.6	0.00	0.00	0.00	0.6	SW
8/30/2023 10:12:00	4.0	3.3	-0.7	0.00	0.00	0.00	0.6	SSW
8/30/2023 10:13:00	4.0	3.3	-0.7	0.00	0.00	0.00	0.6	SSW
8/30/2023 10:14:00	4.0	3.3	-0.8	0.00	0.00	0.00	0.5	SE
8/30/2023 10:15:00	4.0	3.3	-0.7	0.00	0.00	0.00	0.5	SE
8/30/2023 10:16:00	4.0	3.4	-0.6	0.00	0.00	0.00	0.5	E
8/30/2023 10:17:00	3.9	3.5	-0.5	0.00	0.00	0.00	0.4	E
8/30/2023 10:18:00	4.1	3.4	-0.7	0.00	0.00	0.00	0.5	S
8/30/2023 10:19:00	4.3	3.4	-1.0	0.00	0.00	0.00	0.5	S
8/30/2023 10:20:00	4.1	3.4	-0.7	0.00	0.00	0.00	0.5	S
8/30/2023 10:21:00	3.8	3.4	-0.4	0.00	0.00	0.00	0.5	ESE
8/30/2023 10:22:00	3.9	3.5	-0.4	0.00	0.00	0.00	0.5	SE
8/30/2023 10:23:00	3.9	3.5	-0.5	0.00	0.00	0.00	0.5	E
8/30/2023 10:24:00	4.0	3.4	-0.6	0.00	0.00	0.00	0.5	ENE
8/30/2023 10:25:00	4.0	3.5	-0.6	0.00	0.00	0.00	0.4	E
8/30/2023 10:26:00	4.0	3.6	-0.4	0.00	0.00	0.00	0.5	SSE
8/30/2023 10:27:00	4.1	3.8	-0.3	0.00	0.00	0.00	0.4	S
8/30/2023 10:28:00	4.2	3.9	-0.3	0.00	0.00	0.00	0.5	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
8/30/2023 10:29:00	4.2	4.0	-0.2	0.00	0.00	0.00	0.5	WSW
8/30/2023 10:30:00	4.3	4.0	-0.2	0.00	0.00	0.00	0.5	WSW
8/30/2023 10:31:00	4.3	4.0	-0.3	0.00	0.00	0.00	0.5	SW
8/30/2023 10:32:00	4.3	4.0	-0.3	0.00	0.00	0.00	0.5	SW
8/30/2023 10:33:00	4.2	3.9	-0.3	0.00	0.00	0.00	0.6	SW
8/30/2023 10:34:00	4.0	3.9	-0.1	0.00	0.00	0.00	0.6	S
8/30/2023 10:35:00	4.0	3.8	-0.1	0.00	0.00	0.00	0.6	S
8/30/2023 10:36:00	4.0	3.8	-0.1	0.00	0.00	0.00	0.6	W
8/30/2023 10:37:00	4.0	3.8	-0.2	0.00	0.00	0.00	0.6	S
8/30/2023 10:38:00	3.9	3.8	-0.1	0.00	0.00	0.00	0.7	E
8/30/2023 10:39:00	3.9	3.8	-0.1	0.00	0.00	0.00	0.8	ENE
8/30/2023 10:40:00	3.8	3.8	0.0	0.00	0.00	0.00	0.9	E
8/30/2023 10:41:00	3.7	3.8	0.1	0.00	0.00	0.00	0.9	E
8/30/2023 10:42:00	3.6	3.8	0.2	0.00	0.00	0.00	1.0	ESE
8/30/2023 10:43:00	3.5	3.8	0.3	0.00	0.00	0.00	1.0	ESE
8/30/2023 10:44:00	3.4	3.8	0.4	0.00	0.00	0.00	1.0	SE
8/30/2023 10:45:00	3.4	3.8	0.5	0.00	0.00	0.00	1.0	E
8/30/2023 10:46:00	3.3	3.9	0.6	0.00	0.00	0.00	1.0	ESE
8/30/2023 10:47:00	3.5	3.9	0.5	0.00	0.00	0.00	0.9	SW
8/30/2023 10:48:00	3.6	3.9	0.3	0.00	0.00	0.00	0.9	SSE
8/30/2023 10:49:00	3.6	4.1	0.5	0.00	0.00	0.00	0.9	SE
8/30/2023 10:50:00	3.5	4.2	0.7	0.00	0.00	0.00	1.0	E
8/30/2023 10:51:00	3.5	4.4	0.9	0.00	0.00	0.00	0.9	NE
8/30/2023 10:52:00	3.8	4.5	0.7	0.00	0.00	0.00	0.9	SSE
8/30/2023 10:53:00	3.9	4.7	0.8	0.00	0.00	0.00	0.9	SE
8/30/2023 10:54:00	4.0	4.8	0.8	0.00	0.00	0.00	0.8	N
8/30/2023 10:55:00	4.2	4.8	0.7	0.00	0.00	0.00	0.8	SE
8/30/2023 10:56:00	4.4	4.9	0.5	0.00	0.00	0.00	0.8	NE
8/30/2023 10:57:00	4.6	5.0	0.4	0.00	0.00	0.00	0.7	NE
8/30/2023 10:58:00	4.8	5.0	0.2	0.00	0.00	0.00	0.7	ESE
8/30/2023 10:59:00	4.9	5.0	0.0	0.00	0.00	0.00	0.8	ESE
8/30/2023 11:00:00	5.0	5.0	0.0	0.00	0.00	0.00	0.8	NE
8/30/2023 11:01:00	5.1	5.0	-0.1	0.00	0.00	0.00	0.9	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
8/30/2023 11:02:00	5.0	5.1	0.1	0.00	0.00	0.00	0.9	NNE
8/30/2023 11:03:00	4.8	5.4	0.5	0.00	0.00	0.00	0.9	NE
8/30/2023 11:04:00	5.1	5.3	0.2	0.00	0.00	0.00	0.9	NW
8/30/2023 11:05:00				0.00	0.00	0.00	0.8	SSW
8/30/2023 11:06:00				0.00	0.00	0.00	0.9	WSW
8/30/2023 11:07:00				0.00	0.00	0.00	0.9	E
8/30/2023 11:08:00				0.00	0.00	0.00	0.9	E
8/30/2023 11:09:00	5.2	5.9	0.8	0.00	0.00	0.00	0.9	E
8/30/2023 11:10:00	5.5	5.6	0.1	0.00	0.00	0.00	0.9	WNW
8/30/2023 11:11:00	5.5	5.4	-0.1	0.00	0.00	0.00	0.9	NW
8/30/2023 11:12:00	5.4	5.5	0.0	0.00	0.00	0.00	0.9	WSW
8/30/2023 11:13:00	5.4	5.5	0.2	0.00	0.00	0.00	0.8	WNW
8/30/2023 11:14:00	5.5	5.5	0.0	0.00	0.00	0.00	0.8	ESE
8/30/2023 11:15:00	5.5	5.6	0.0	0.00	0.00	0.00	0.7	ESE
8/30/2023 11:16:00	5.6	5.6	0.1	0.00	0.00	0.00	0.7	ESE
8/30/2023 11:17:00	5.6	5.6	0.0	0.00	0.00	0.00	0.7	ESE
8/30/2023 11:18:00	5.6	5.5	-0.1	0.00	0.00	0.00	0.8	NE
8/30/2023 11:19:00	5.6	5.5	-0.1	0.00	0.00	0.00	0.8	E
8/30/2023 11:20:00	5.6	5.5	-0.1	0.00	0.00	0.00	0.8	E
8/30/2023 11:21:00	5.6	5.6	0.0	0.00	0.00	0.00	0.8	E
8/30/2023 11:22:00	5.6	5.6	0.0	0.00	0.00	0.00	0.8	ESE
8/30/2023 11:23:00	5.6	5.6	0.0	0.00	0.00	0.00	0.9	SE
8/30/2023 11:24:00	5.7	5.7	-0.1	0.00	0.00	0.00	0.9	W
8/30/2023 11:25:00	5.8	5.7	0.0	0.00	0.00	0.00	0.9	W
8/30/2023 11:26:00	5.8	5.8	0.0	0.00	0.00	0.00	1.0	NW
8/30/2023 11:27:00	5.9	5.8	0.0	0.00	0.00	0.00	0.9	SE
8/30/2023 11:28:00	5.9	5.9	-0.1	0.00	0.00	0.00	1.0	ESE
8/30/2023 11:29:00	5.9	5.9	0.0	0.00	0.00	0.00	1.0	N
8/30/2023 11:30:00	5.9	5.9	-0.1	0.00	0.00	0.00	1.0	SSE
8/30/2023 11:31:00	5.9	5.9	-0.1	0.00	0.00	0.00	1.0	WSW
8/30/2023 11:32:00	5.9	6.3	0.3	0.00	0.00	0.00	0.9	SE
8/30/2023 11:33:00	5.9	8.4	2.5	0.00	0.00	0.00	0.9	ENE
8/30/2023 11:34:00	6.0	8.8	2.9	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
8/30/2023 11:35:00	6.0	8.9	2.9	0.00	0.00	0.00	0.9	NE
8/30/2023 11:36:00	6.1	9.0	2.8	0.00	0.00	0.00	0.9	NW
8/30/2023 11:37:00	6.7	9.0	2.3	0.00	0.00	0.00	0.9	NW
8/30/2023 11:38:00	7.8	9.0	1.3	0.00	0.00	0.00	0.9	NNW
8/30/2023 11:39:00	7.7	9.0	1.3	0.00	0.00	0.00	0.8	NNW
8/30/2023 11:40:00	7.7	9.1	1.4	0.00	0.00	0.00	0.7	NW
8/30/2023 11:41:00	7.8	9.1	1.2	0.00	0.00	0.00	0.7	NNW
8/30/2023 11:42:00	8.2	9.1	0.8	0.00	0.00	0.00	0.7	NE
8/30/2023 11:43:00	8.5	9.0	0.6	0.00	0.00	0.00	0.7	N
8/30/2023 11:44:00	8.6	9.1	0.5	0.00	0.00	0.00	0.7	E
8/30/2023 11:45:00	8.7	9.1	0.4	0.00	0.00	0.00	0.8	E
8/30/2023 11:46:00	8.7	9.1	0.3	0.00	0.00	0.00	0.8	NNE
8/30/2023 11:47:00	8.8	8.7	-0.1	0.00	0.00	0.00	0.8	E
8/30/2023 11:48:00	8.8	6.6	-2.2	0.00	0.00	0.00	0.8	N
8/30/2023 11:49:00	8.8	6.2	-2.6	0.00	0.00	0.00	0.8	NE
8/30/2023 11:50:00	8.8	6.1	-2.7	0.00	0.00	0.00	0.8	NE
8/30/2023 11:51:00	8.7	6.0	-2.7	0.00	0.00	0.00	0.8	N
8/30/2023 11:52:00	8.1	6.0	-2.1	0.00	0.00	0.00	0.8	NNW
8/30/2023 11:53:00	7.1	6.0	-1.1	0.00	0.00	0.00	0.8	E
8/30/2023 11:54:00	7.2	5.9	-1.3	0.00	0.00	0.00	0.8	E
8/30/2023 11:55:00	7.2	5.8	-1.4	0.00	0.00	0.00	0.9	ESE
8/30/2023 11:56:00	7.1	5.8	-1.4	0.00	0.00	0.00	1.0	ENE
8/30/2023 11:57:00	6.8	5.7	-1.0	0.00	0.00	0.00	1.1	E
8/30/2023 11:58:00	6.5	5.8	-0.7	0.00	0.00	0.00	1.1	ESE
8/30/2023 11:59:00	6.4	5.8	-0.7	0.00	0.00	0.00	1.2	ESE
8/30/2023 12:00:00	6.5	5.8	-0.7	0.00	0.00	0.00	1.1	ESE
8/30/2023 12:01:00	6.5	5.8	-0.6	0.00	0.00	0.00	1.1	E
8/30/2023 12:02:00	6.5	5.9	-0.6	0.00	0.00	0.00	1.1	ESE
8/30/2023 12:03:00	6.5	6.0	-0.5	0.00	0.00	0.00	1.0	NE
8/30/2023 12:04:00	6.5	6.0	-0.6	0.00	0.00	0.00	1.1	E
8/30/2023 12:05:00	6.5	5.9	-0.6	0.00	0.00	0.00	1.1	SE
8/30/2023 12:06:00	6.5	6.0	-0.5	0.00	0.00	0.00	1.1	ESE
8/30/2023 12:07:00	6.6	6.0	-0.6	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
8/30/2023 12:08:00	6.7	6.1	-0.6	0.00	0.00	0.00	1.1	NNE
8/30/2023 12:09:00	6.7	6.3	-0.4	0.00	0.00	0.00	1.1	NW
8/30/2023 12:10:00	6.6	6.3	-0.3	0.00	0.00	0.00	1.2	NNW
8/30/2023 12:11:00	6.5	6.3	-0.2	0.00	0.00	0.00	1.1	S
8/30/2023 12:12:00	6.5	6.4	-0.1	0.00	0.00	0.00	1.0	SW
8/30/2023 12:13:00	6.5	6.3	-0.2	0.00	0.00	0.00	1.0	E
8/30/2023 12:14:00	6.3	6.2	-0.1	0.00	0.00	0.00	1.0	SSE
8/30/2023 12:15:00	6.2	6.2	0.0	0.00	0.00	0.00	1.0	SW
8/30/2023 12:16:00	6.2	6.1	0.0	0.00	0.00	0.00	1.0	NNE
8/30/2023 12:17:00	6.1	6.2	0.1	0.00	0.00	0.00	0.9	S
8/30/2023 12:18:00	6.0	6.2	0.2	0.00	0.00	0.00	0.9	WSW
8/30/2023 12:19:00	5.9	6.4	0.5	0.00	0.00	0.00	0.8	WSW
8/30/2023 12:20:00	6.0	6.4	0.4	0.00	0.00	0.00	0.8	ENE
8/30/2023 12:21:00	6.0	6.3	0.3	0.00	0.00	0.00	0.8	ENE
8/30/2023 12:22:00	6.0	6.1	0.1	0.00	0.00	0.00	0.8	ESE
8/30/2023 12:23:00	6.0	6.1	0.1	0.00	0.00	0.00	0.9	ESE
8/30/2023 12:24:00	6.0	6.0	0.0	0.00	0.00	0.00	0.9	SSW
8/30/2023 12:25:00	6.0	6.1	0.0	0.00	0.00	0.00	0.9	SSW
8/30/2023 12:26:00	6.2	6.0	-0.2	0.00	0.00	0.00	0.9	ENE
8/30/2023 12:27:00	6.2	6.2	0.0	0.00	0.00	0.00	0.9	SSW
8/30/2023 12:28:00	6.1	6.3	0.2	0.00	0.00	0.00	0.9	S
8/30/2023 12:29:00	6.0	6.4	0.4	0.00	0.00	0.00	0.9	SW
8/30/2023 12:30:00	5.9	6.6	0.7	0.00	0.00	0.00	0.9	SSW
8/30/2023 12:31:00	5.8	6.7	1.0	0.00	0.00	0.00	0.9	SW
8/30/2023 12:32:00	5.7	6.8	1.1	0.00	0.00	0.00	1.0	W
8/30/2023 12:33:00	5.6	6.7	1.0	0.00	0.00	0.00	1.0	SW
8/30/2023 12:34:00	5.6	6.6	0.9	0.00	0.00	0.00	1.0	SW
8/30/2023 12:35:00	5.7	6.5	0.8	0.00	0.00	0.00	1.0	NE
8/30/2023 12:36:00	5.7	6.5	0.8	0.00	0.00	0.00	1.1	ENE
8/30/2023 12:37:00	5.6	6.4	0.8	0.00	0.00	0.00	1.0	NNE
8/30/2023 12:38:00	5.6	6.3	0.7	0.00	0.00	0.00	1.0	NE
8/30/2023 12:39:00	5.6	6.2	0.5	0.00	0.00	0.00	1.0	SE
8/30/2023 12:40:00	5.9	6.0	0.1	0.00	0.00	0.00	1.0	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
8/30/2023 12:41:00	5.7	6.1	0.3	0.00	0.00	0.00	0.9	S
8/30/2023 12:42:00	5.7	6.0	0.2	0.00	0.00	0.00	1.0	SW
8/30/2023 12:43:00	5.8	6.0	0.2	0.00	0.00	0.00	1.0	S
8/30/2023 12:44:00	6.0	6.0	0.1	0.00	0.00	0.00	1.0	WSW
8/30/2023 12:45:00	6.0	6.1	0.1	0.00	0.00	0.00	1.0	SW
8/30/2023 12:46:00	6.0	6.2	0.2	0.00	0.00	0.00	1.1	S
8/30/2023 12:47:00	6.1	6.2	0.1	0.00	0.00	0.00	1.1	SSW
8/30/2023 12:48:00	6.1	6.3	0.2	0.00	0.00	0.00	1.1	SSW
8/30/2023 12:49:00	6.1	6.3	0.2	0.00	0.00	0.00	1.1	SW
8/30/2023 12:50:00	5.8	6.4	0.6	0.00	0.00	0.00	1.1	WNW
8/30/2023 12:51:00	5.7	6.3	0.6	0.00	0.00	0.00	1.1	SSE
8/30/2023 12:52:00	5.6	6.3	0.7	0.00	0.00	0.00	1.1	SE
8/30/2023 12:53:00	5.4	6.5	1.1	0.00	0.00	0.00	1.1	WSW
8/30/2023 12:54:00	5.2	6.7	1.5	0.00	0.00	0.00	1.1	SSW
8/30/2023 12:55:00	4.8	6.8	2.0	0.00	0.00	0.00	1.1	SW
8/30/2023 12:56:00	4.7	6.8	2.1	0.00	0.00	0.00	1.1	SW
8/30/2023 12:57:00	4.8	6.6	1.9	0.00	0.00	0.00	1.1	ENE
8/30/2023 12:58:00	5.0	6.5	1.5	0.00	0.00	0.00	1.2	ESE
8/30/2023 12:59:00	5.0	6.5	1.6	0.00	0.00	0.00	1.2	ESE
8/30/2023 13:00:00	5.2	6.3	1.0	0.00	0.00	0.00	1.2	N
8/30/2023 13:01:00	5.2	6.1	0.9	0.00	0.00	0.00	1.1	NW
8/30/2023 13:02:00	5.3	5.9	0.6	0.01	0.00	-0.01	1.1	ENE
8/30/2023 13:03:00	5.4	5.7	0.3	0.01	0.01	0.00	1.1	ESE
8/30/2023 13:04:00	5.5	5.5	0.0	0.01	0.15	0.14	1.1	NNE
8/30/2023 13:05:00	5.7	5.3	-0.3	0.01	0.25	0.24	1.1	SE
8/30/2023 13:06:00	5.7	5.4	-0.3	0.01	0.28	0.27	1.1	NE
8/30/2023 13:07:00	5.7	5.5	-0.3	0.01	0.29	0.28	1.1	E
8/30/2023 13:08:00	5.8	5.4	-0.4	0.01	0.30	0.29	1.1	SE
8/30/2023 13:09:00	5.9	5.2	-0.7	0.01	0.30	0.29	1.1	E
8/30/2023 13:10:00	6.0	5.3	-0.7	0.01	0.30	0.29	1.1	W
8/30/2023 13:11:00	6.1	5.4	-0.7	0.01	0.30	0.29	1.1	WSW
8/30/2023 13:12:00	6.1	5.4	-0.7	0.01	0.31	0.29	1.1	SE
8/30/2023 13:13:00	6.1	5.4	-0.7	0.04	0.31	0.27	1.0	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
8/30/2023 13:14:00	6.1	5.4	-0.7	0.04	0.36	0.32	1.0	E
8/30/2023 13:15:00	6.1	5.7	-0.4	0.04	0.40	0.37	1.0	NNE
8/30/2023 13:16:00	6.5	6.2	-0.3	0.04	0.41	0.38	1.1	E
8/30/2023 13:17:00	6.7	7.0	0.3	0.03	0.42	0.39	1.1	ESE
8/30/2023 13:18:00	6.8	7.7	0.9	0.03	0.41	0.39	1.1	NE
8/30/2023 13:19:00	6.7	8.2	1.4	0.03	0.27	0.25	1.1	ENE
8/30/2023 13:20:00	6.8	8.3	1.6	0.03	0.17	0.14	1.1	SSW
8/30/2023 13:21:00	6.7	8.7	2.0	0.03	0.14	0.12	1.1	SSW
8/30/2023 13:22:00	6.6	8.8	2.2	0.03	0.13	0.10	1.2	SW
8/30/2023 13:23:00	6.6	8.9	2.3	0.03	0.12	0.09	1.2	SW
8/30/2023 13:24:00	6.7	9.2	2.5	0.04	0.12	0.08	1.2	SW
8/30/2023 13:25:00	6.8	9.3	2.4	0.04	0.12	0.08	1.2	SW
8/30/2023 13:26:00	7.0	9.2	2.3	0.04	0.12	0.08	1.1	WSW
8/30/2023 13:27:00	7.0	9.5	2.5	0.04	0.12	0.08	1.1	NNW
8/30/2023 13:28:00	7.0	9.7	2.7	0.01	0.13	0.12	1.1	WNW
8/30/2023 13:29:00	7.3	10.5	3.2	0.03	0.08	0.06	1.0	N
8/30/2023 13:30:00	7.8	10.5	2.8	0.03	0.05	0.02	1.0	SW
8/30/2023 13:31:00	7.6	10.2	2.5	0.04	0.04	0.01	1.0	SSE
8/30/2023 13:32:00	7.5	9.7	2.1	0.04	0.04	0.00	0.9	S
8/30/2023 13:33:00	7.6	9.1	1.4	0.05	0.03	-0.02	0.9	W
8/30/2023 13:34:00	7.8	8.8	1.0	0.07	0.03	-0.04	0.9	S
8/30/2023 13:35:00	7.8	8.8	1.0	0.10	0.03	-0.07	0.9	SW
8/30/2023 13:36:00	7.8	8.7	0.8	0.13	0.03	-0.10	0.9	S
8/30/2023 13:37:00	8.0	8.7	0.7	0.17	0.03	-0.14	0.9	SSW
8/30/2023 13:38:00	8.6	8.7	0.1	0.18	0.03	-0.14	0.8	SW
8/30/2023 13:39:00	9.1	8.6	-0.5	0.18	0.03	-0.14	0.8	SW
8/30/2023 13:40:00	9.0	8.6	-0.5	0.18	0.03	-0.15	0.8	SSW
8/30/2023 13:41:00	9.0	8.6	-0.3	0.19	0.03	-0.16	0.8	SSW
8/30/2023 13:42:00	9.0	8.7	-0.3	0.22	0.03	-0.19	0.9	SSW
8/30/2023 13:43:00	8.8	8.7	-0.1	0.24	0.02	-0.23	0.9	SW
8/30/2023 13:44:00	8.5	8.0	-0.5	0.24	0.01	-0.23	1.0	WSW
8/30/2023 13:45:00	8.0	7.6	-0.5	0.23	0.01	-0.23	1.0	NE
8/30/2023 13:46:00	8.4	7.8	-0.5	0.24	0.01	-0.24	1.0	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
8/30/2023 13:47:00	8.9	8.0	-0.8	0.26	0.01	-0.26	0.9	SW
8/30/2023 13:48:00	9.2	8.2	-1.0	0.25	0.01	-0.25	1.0	SW
8/30/2023 13:49:00	9.3	8.4	-0.8	0.23	0.01	-0.22	0.9	ENE
8/30/2023 13:50:00	9.2	8.5	-0.7	0.22	0.01	-0.21	0.9	SSE
8/30/2023 13:51:00	9.3	8.4	-0.9	0.19	0.03	-0.16	0.9	SE
8/30/2023 13:52:00	9.4	8.4	-0.9	0.17	0.03	-0.14	0.9	NNW
8/30/2023 13:53:00	8.9	8.4	-0.5	0.15	0.04	-0.12	0.9	ENE
8/30/2023 13:54:00	8.4	8.3	-0.1	0.15	0.04	-0.11	0.9	NW
8/30/2023 13:55:00	8.4	8.2	-0.2	0.14	0.04	-0.11	0.9	WNW
8/30/2023 13:56:00	8.4	8.1	-0.3	0.14	0.04	-0.10	0.8	SW
8/30/2023 13:57:00	8.4	8.0	-0.4	0.11	0.04	-0.07	0.8	W
8/30/2023 13:58:00	8.5	7.8	-0.7	0.09	0.04	-0.04	0.7	E
8/30/2023 13:59:00	8.6	7.8	-0.8	0.08	0.04	-0.04	0.7	SW
8/30/2023 14:00:00	8.4	7.8	-0.5	0.08	0.04	-0.05	0.7	SE
8/30/2023 14:01:00	8.0	7.5	-0.5	0.07	0.04	-0.03	0.8	SSE
8/30/2023 14:02:00	7.6	7.3	-0.3	0.05	0.04	-0.01	0.7	SSE
8/30/2023 14:03:00	7.4	7.3	-0.1	0.04	0.04	-0.01	0.7	W
8/30/2023 14:04:00	7.3	7.0	-0.4	0.04	0.03	-0.01	0.7	NE
8/30/2023 14:05:00	7.3	6.8	-0.5	0.03	0.03	0.00	0.8	SSE
8/30/2023 14:06:00	7.2	6.8	-0.4	0.04	0.02	-0.02	0.8	S
8/30/2023 14:07:00	7.3	6.8	-0.4	0.03	0.03	0.00	0.8	E
8/30/2023 14:08:00	7.3	6.9	-0.4	0.03	0.02	-0.01	0.9	SW
8/30/2023 14:09:00	7.3	7.0	-0.3	0.04	0.02	-0.02	0.9	SSW
8/30/2023 14:10:00	7.4	7.0	-0.4	0.04	0.02	-0.02	0.9	SSE
8/30/2023 14:11:00	7.6	7.0	-0.6	0.04	0.02	-0.02	1.0	S
8/30/2023 14:12:00	7.7	7.0	-0.6	0.04	0.02	-0.02	1.0	E
8/30/2023 14:13:00	7.7	7.0	-0.7	0.04	0.01	-0.03	1.0	SSW
8/30/2023 14:14:00	7.9	7.0	-0.9	0.04	0.01	-0.03	1.0	SSE
8/30/2023 14:15:00	7.9	7.0	-1.0	0.05	0.01	-0.04	1.0	S
8/30/2023 14:16:00	7.9	6.9	-1.0	0.05	0.02	-0.03	1.0	ESE
8/30/2023 14:17:00	7.7	6.8	-0.9	0.05	0.02	-0.03	1.2	ESE
8/30/2023 14:18:00	7.4	6.7	-0.7	0.05	0.02	-0.03	1.4	E
8/30/2023 14:19:00	7.3	6.8	-0.6	0.05	0.02	-0.03	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
8/30/2023 14:20:00	7.3	6.8	-0.5	0.05	0.01	-0.03	1.7	E
8/30/2023 14:21:00	7.3	6.8	-0.5	0.04	0.01	-0.03	1.7	ESE
8/30/2023 14:22:00	7.3	6.8	-0.4	0.04	0.01	-0.03	1.8	ESE
8/30/2023 14:23:00	7.2	6.8	-0.4	0.03	0.01	-0.03	1.7	NW
8/30/2023 14:24:00	7.2	6.7	-0.5	0.03	0.01	-0.02	1.7	SW
8/30/2023 14:25:00	7.2	6.7	-0.5	0.02	0.01	-0.01	1.8	SW
8/30/2023 14:26:00	7.1	6.8	-0.4	0.03	0.01	-0.02	1.8	SW
8/30/2023 14:27:00	7.3	6.8	-0.5	0.03	0.01	-0.03	1.8	SW
8/30/2023 14:28:00	7.5	6.8	-0.6	0.03	0.01	-0.02	1.8	SW
8/30/2023 14:29:00	7.4	7.9	0.5	0.03	0.01	-0.02	1.8	SW
8/30/2023 14:30:00	7.4	8.8	1.4	0.02	0.01	-0.01	1.8	SW
8/30/2023 14:31:00	7.6	10.7	3.1	0.02	0.01	-0.01	1.7	SW
8/30/2023 14:32:00	7.7	13.9	6.2	0.02	0.03	0.01	1.6	W
8/30/2023 14:33:00	7.9	15.8	7.8	0.02	0.05	0.03	1.5	SSW
8/30/2023 14:34:00	8.2	17.2	9.1	0.02	0.05	0.03	1.5	W
8/30/2023 14:35:00	8.3	18.8	10.5	0.03	0.05	0.03	1.2	WSW
8/30/2023 14:36:00	8.4	20.4	12.0	0.03	0.06	0.03	1.2	W
8/30/2023 14:37:00	8.5	22.5	14.0	0.03	0.06	0.03	1.1	SW
8/30/2023 14:38:00	9.6	22.6	13.0	0.03	0.06	0.03	1.2	ESE
8/30/2023 14:39:00	10.4	22.8	12.4	0.03	0.06	0.03	1.2	ESE
8/30/2023 14:40:00	10.8	22.8	12.1	0.03	0.06	0.03	1.1	ESE
8/30/2023 14:41:00	10.9	22.8	11.9	0.02	0.06	0.03	1.2	NNE
8/30/2023 14:42:00	11.0	22.8	11.8	0.02	0.06	0.04	1.3	ESE
8/30/2023 14:43:00	11.2	22.7	11.6	0.01	0.06	0.04	1.3	ESE
8/30/2023 14:44:00	11.1	22.4	11.3	0.01	0.06	0.05	1.3	W
8/30/2023 14:45:00	11.4	21.5	10.0	0.01	0.06	0.05	1.4	ESE
8/30/2023 14:46:00	11.4	20.0	8.7	0.01	0.04	0.04	1.3	SSW
8/30/2023 14:47:00	11.8	16.8	5.0	0.01	0.02	0.02	1.3	ESE
8/30/2023 14:48:00	11.6	15.5	3.9	0.01	0.01	0.00	1.4	S
8/30/2023 14:49:00	11.4	16.1	4.7	0.01	0.00	0.00	1.4	WSW
8/30/2023 14:50:00	11.9	14.6	2.6	0.01	0.00	0.00	1.4	SE
8/30/2023 14:51:00	12.1	13.4	1.4	0.00	0.00	0.00	1.4	ENE
8/30/2023 14:52:00	12.3	11.7	-0.7	0.00	0.00	0.00	1.4	NNE

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
8/30/2023 14:53:00	11.3	11.9	0.6	0.00	0.00	0.00	1.3	S
8/30/2023 14:54:00	10.8	12.2	1.4	0.00	0.00	0.00	1.3	E
8/30/2023 14:55:00	10.7	13.6	2.9	0.00	0.00	0.00	1.4	E
8/30/2023 14:56:00	10.9	14.3	3.4	0.00	0.00	0.00	1.4	SE
8/30/2023 14:57:00	11.1	14.7	3.6	0.00	0.00	0.00	1.3	ESE
8/30/2023 14:58:00	10.8	14.9	4.1	0.00	0.00	0.00	1.4	E
8/30/2023 14:59:00	10.9	14.4	3.5	0.00	0.00	0.00	1.3	E
8/30/2023 15:00:00	10.7	14.5	3.8	0.00	0.00	0.00	1.3	SSW
8/30/2023 15:01:00	10.8	14.2	3.4	0.00	0.00	0.00	1.3	S
8/30/2023 15:02:00				0.00	0.00	0.00	1.3	SSW
8/30/2023 15:03:00	12.2	9.1	-3.1	0.00	0.00	0.00	1.3	SW
8/30/2023 15:04:00	10.4	9.4	-0.9	0.00	0.00	0.00	1.2	S
8/30/2023 15:05:00				0.00	0.00	0.00	1.2	SSW
8/30/2023 15:06:00				0.00	0.00	0.00	1.2	SSE
8/30/2023 15:07:00	7.6	7.3	-0.4	0.00	0.00	0.00	1.3	WSW
8/30/2023 15:08:00	12.1	7.7	-4.3	0.00	0.00	0.00	1.3	SSW
8/30/2023 15:09:00	11.2	8.1	-3.1	0.00	0.00	0.00	1.2	S
8/30/2023 15:10:00	11.5	8.0	-3.4	0.00	0.00	0.00	1.2	SSE
8/30/2023 15:11:00	12.0	8.3	-3.7	0.00	0.00	0.00	1.1	WSW
8/30/2023 15:12:00	11.9	8.5	-3.4	0.00	0.00	0.00	1.1	WSW
8/30/2023 15:13:00	11.5	8.6	-2.9	0.00	0.00	0.00	0.9	ESE
8/30/2023 15:14:00	11.2	8.6	-2.6	0.00	0.00	0.00	0.9	SW
8/30/2023 15:15:00	11.0	8.7	-2.4	0.00	0.00	0.00	0.9	SW
8/30/2023 15:16:00	10.7	8.7	-2.1	0.00	0.00	0.00	0.9	ENE
8/30/2023 15:17:00	10.5	8.8	-1.7	0.00	0.00	0.00	0.8	NE
8/30/2023 15:18:00	10.3	9.4	-0.9	0.00	0.00	0.00	0.8	N
8/30/2023 15:19:00	10.8	11.4	0.6	0.00	0.00	0.00	0.8	NNW
8/30/2023 15:20:00	11.1	12.8	1.8	0.00	0.00	0.00	0.8	SE
8/30/2023 15:21:00	10.9	13.4	2.6	0.00	0.00	0.00	0.8	E
8/30/2023 15:22:00	11.4	13.7	2.4	0.00	0.00	0.00	0.8	ESE
8/30/2023 15:23:00	11.1	13.8	2.7	0.00	0.00	0.00	0.8	E
8/30/2023 15:24:00	10.9	13.7	2.9	0.00	0.00	0.00	0.8	NNE
8/30/2023 15:25:00	10.6	13.7	3.1	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
8/30/2023 15:26:00	10.1	13.6	3.5	0.00	0.00	0.00	0.8	NNE
8/30/2023 15:27:00	9.9	13.5	3.7	0.00	0.00	0.00	0.8	SE
8/30/2023 15:28:00	9.9	14.3	4.3	0.00	0.00	0.00	0.9	W
8/30/2023 15:29:00	10.0	16.4	6.4	0.00	0.00	0.00	0.9	SW
8/30/2023 15:30:00	9.9	17.9	7.9	0.00	0.00	0.00	1.0	SSW
8/30/2023 15:31:00	10.8	17.8	7.0	0.00	0.00	0.00	1.0	E
8/30/2023 15:32:00	11.3	17.7	6.4	0.00	0.00	0.00	1.1	NNE
8/30/2023 15:33:00	11.3	19.4	8.1	0.00	0.00	0.00	1.1	S
8/30/2023 15:34:00	11.5	17.5	6.1	0.00	0.00	0.00	1.2	E
8/30/2023 15:35:00	11.1	15.9	4.8	0.00	0.00	0.00	1.2	E
8/30/2023 15:36:00	11.2	14.9	3.7	0.00	0.00	0.00	1.2	N
8/30/2023 15:37:00	13.2	14.6	1.4	0.00	0.00	0.00	1.2	E
8/30/2023 15:38:00	13.3	14.7	1.4	0.00	0.00	0.00	1.3	ESE
8/30/2023 15:39:00	13.4	14.7	1.3	0.00	0.00	0.00	1.4	E
8/30/2023 15:40:00	13.5	14.9	1.4	0.00	0.00	0.00	1.5	W
8/30/2023 15:41:00	13.5	15.3	1.8	0.00	0.00	0.00	1.6	S
8/30/2023 15:42:00	14.1	15.3	1.3	0.00	0.00	0.00	1.7	SE
8/30/2023 15:43:00	14.0	15.0	1.0	0.00	0.00	0.00	1.7	SW
8/30/2023 15:44:00	13.8	14.5	0.7	0.00	0.00	0.00	1.8	WNW
8/30/2023 15:45:00	13.6	14.4	0.8	0.00	0.00	0.00	1.8	WNW
8/30/2023 15:46:00	12.9	14.3	1.4	0.00	0.00	0.00	1.8	NNW
8/30/2023 15:47:00	12.4	14.6	2.1	0.00	0.00	0.00	1.8	WSW
8/30/2023 15:48:00	12.4	13.2	0.8	0.00	0.00	0.00	1.9	WSW
8/30/2023 15:49:00	13.1	13.1	0.0	0.00	0.00	0.00	1.9	E
8/30/2023 15:50:00	12.9	14.3	1.4	0.00	0.00	0.00	1.8	WSW
8/30/2023 15:51:00	12.8	15.1	2.3	0.00	0.00	0.00	1.8	SW
8/30/2023 15:52:00	10.2	15.4	5.1	0.00	0.00	0.00	1.8	SSE
8/30/2023 15:53:00	9.8	15.3	5.5	0.00	0.00	0.00	1.8	S
8/30/2023 15:54:00	11.2	15.3	4.1	0.00	0.00	0.00	1.7	ESE
8/30/2023 15:55:00	11.2	17.4	6.2	0.00	0.00	0.00	1.6	S
8/30/2023 15:56:00	11.2	17.1	5.8	0.00	0.00	0.00	1.6	NW
8/30/2023 15:57:00	10.8	17.0	6.1	0.00	0.00	0.00	1.6	E
8/30/2023 15:58:00	10.7	16.6	6.0	0.00	0.00	0.00	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
8/30/2023 15:59:00	11.0	15.1	4.0	0.00	0.00	0.00	1.5	ENE
8/30/2023 16:00:00	11.3	13.5	2.2	0.00	0.00	0.00	1.5	ENE
8/30/2023 16:01:00	11.0	13.7	2.7	0.00	0.00	0.00	1.5	W
8/30/2023 16:02:00	11.1	13.4	2.4	0.00	0.00	0.00	1.5	NNW
8/30/2023 16:03:00	11.1	12.6	1.4	0.00	0.00	0.00	1.5	ENE
8/30/2023 16:04:00	9.6	12.6	3.0	0.00	0.00	0.00	1.5	E
8/30/2023 16:05:00	9.6	11.5	1.9	0.00	0.00	0.00	1.5	WNW
8/30/2023 16:06:00	9.7	10.7	1.0	0.00	0.00	0.00	1.5	ENE
8/30/2023 16:07:00	9.7	10.6	0.9	0.00	0.00	0.00	1.5	SSW
8/30/2023 16:08:00	9.7	10.5	0.7	0.00	0.00	0.00	1.4	SW
8/30/2023 16:09:00	8.2	10.5	2.4	0.00	0.00	0.00	1.4	SSE
8/30/2023 16:10:00	8.1	8.3	0.3	0.00	0.00	0.00	1.4	SW
8/30/2023 16:11:00	8.1	8.2	0.0	0.00	0.00	0.00	1.3	NE
8/30/2023 16:12:00	8.0	8.2	0.2	0.00	0.00	0.00	1.3	N
8/30/2023 16:13:00	8.0	7.9	-0.1	0.00	0.00	0.00	1.2	NW
8/30/2023 16:14:00	7.7	7.9	0.1	0.00	0.00	0.00	1.1	SE
8/30/2023 16:15:00	7.5	7.8	0.3	0.00	0.00	0.00	1.1	S
8/30/2023 16:16:00	7.5	7.8	0.2	0.00	0.00	0.00	1.0	WSW
8/30/2023 16:17:00	7.5	7.9	0.4	0.00	0.00	0.00	1.0	SW
8/30/2023 16:18:00	7.5	7.8	0.3	0.00	0.00	0.00	0.9	SE
8/30/2023 16:19:00	7.4	7.8	0.4	0.00	0.00	0.00	0.9	WSW
8/30/2023 16:20:00	7.4	7.8	0.5	0.00	0.00	0.00	0.8	SW
8/30/2023 16:21:00	7.3	7.8	0.5	0.00	0.00	0.00	0.8	SE
8/30/2023 16:22:00	7.3	7.8	0.4	0.00	0.00	0.00	0.7	SSE
8/30/2023 16:23:00	7.4	8.3	1.0	0.00	0.00	0.00	0.8	SSW
8/30/2023 16:24:00	7.4	9.6	2.2	0.00	0.00	0.00	0.9	WNW
8/30/2023 16:25:00	7.4	10.0	2.6	0.00	0.00	0.00	0.9	NW
8/30/2023 16:26:00	7.2	10.2	3.0	0.00	0.00	0.00	1.0	WNW
8/30/2023 16:27:00	7.1	10.3	3.2	0.00	0.00	0.00	1.0	NW
8/30/2023 16:28:00	7.1	10.5	3.4	0.00	0.00	0.00	1.0	NW
8/30/2023 16:29:00	7.1	10.8	3.7	0.00	0.00	0.00	1.1	WSW
8/30/2023 16:30:00	7.1	10.9	3.8	0.00	0.00	0.00	1.1	W