

DAILY FIELD REPORT 122

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	November 17, 2023
Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 3:45 pm
Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)		Langan Field Personnel: Padmanabhan Krishnaswamy (Environmental) Xianglei Zheng, Patrick Lenihan (Geotechnical)	
Construction Manager: Consigli Construction Co., Inc. (Consigli)			
Foundation Contractor: Urban Foundation/Engineering (Urban)			

Work Activities Performed:

- Urban graded an about 30-foot-long by 20-foot-wide area of soil/fill in the central part of the site, waste characterization grids WC02 and WC03, 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 completed installation of two caissons in the southern part of the site.
- Urban completed installation of one soldier pile and began installation of an additional soldier pile in the central part of the site.

Material Tracking:

- The following soil/fill was exported from the site:
 - 3 loads of soil/fill from waste characterization grids WC02_0-5, WC02_5-10, WC03_5-10, and WC03_10-15 were exported for off-site disposal at the Clean Earth of Carteret LLC facility in Carteret, NJ
- No material was imported to the site.

Materials Export Summary								
Facility Name	Bayshore Soil Management, LLC		Clean Earth of Carteret, LLC		PPark NJ		Faztec Solutions	
Location	Keasbey, NJ		Carteret, NJ		Prospect Park, NJ		Staten Island, NY	
Type of Waste	Non-hazardous Soil		Non-hazardous Soil		Non-hazardous Soil		C&D	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	0	-	3	60	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)
	129	2,540	123	2,460	0	-	15	300

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.

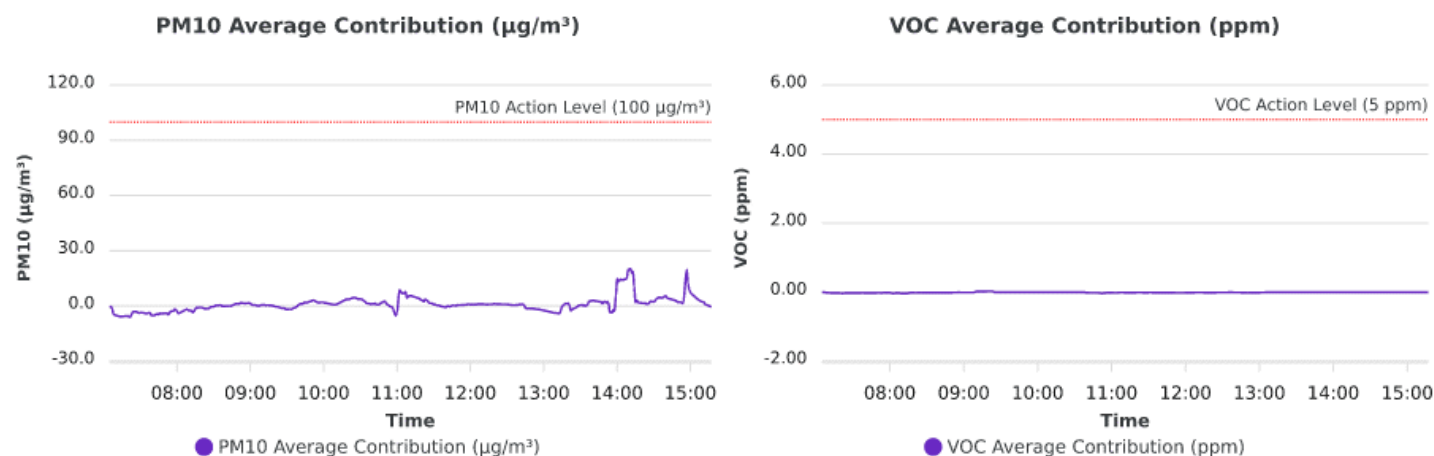
Air Monitoring:

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 levels of 100 $\mu\text{g}/\text{m}^3$ or 5 ppm, respectively, on this day. Langan relocated the southern CAMP station to accommodate on-site activities while work was temporarily stopped from about 12:50 to 13:15. As a result of the relocation, data gaps were encountered from 12:53 to 13:12. Once the station was relocated, site work continued.

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)		Organic Vapor Monitoring (ppm)	
Daily Background	15.1	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-5.9	VOC Average Site Contribution (Minimum)	-0.04
PM10 Average Site Contribution (Maximum)	20.2	VOC Average Site Contribution (Maximum)	0.03

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

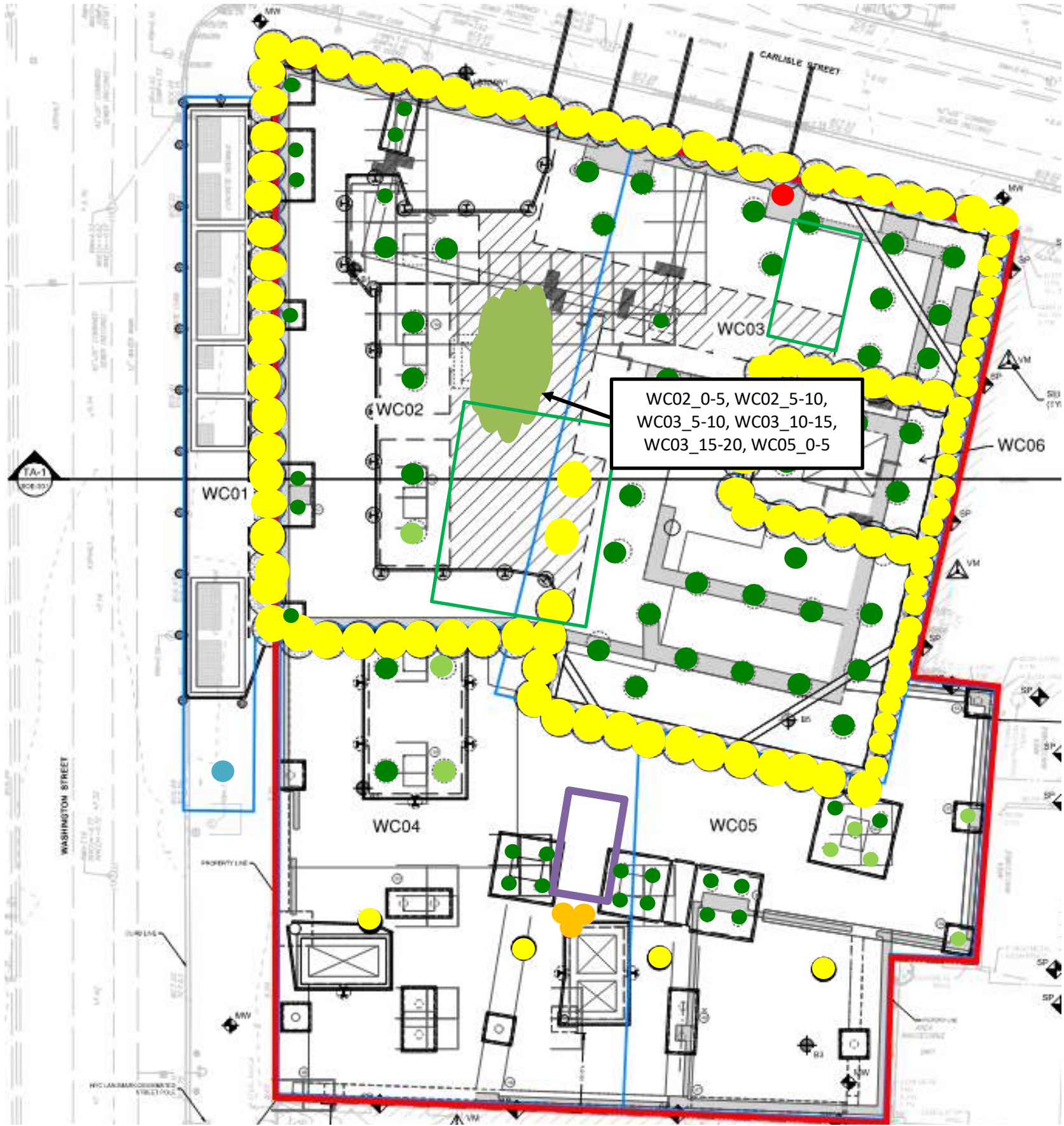
ppm: parts per million.



Planned Activities:

- Urban will continue installing caisson casings throughout the site.
- Urban will export soil/fill off-site.

SITE PLAN



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

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

Photo Log

Photo 1: View of Urban loading a tri-axial truck with soil/fill for off-site disposal (facing southeast).



Photo 2: View of Urban grading soil/fill in grid WC02_5-10 (facing south).



Photo 3: View of the site entrance/exit along Washington Street at the end of the work day (facing north).



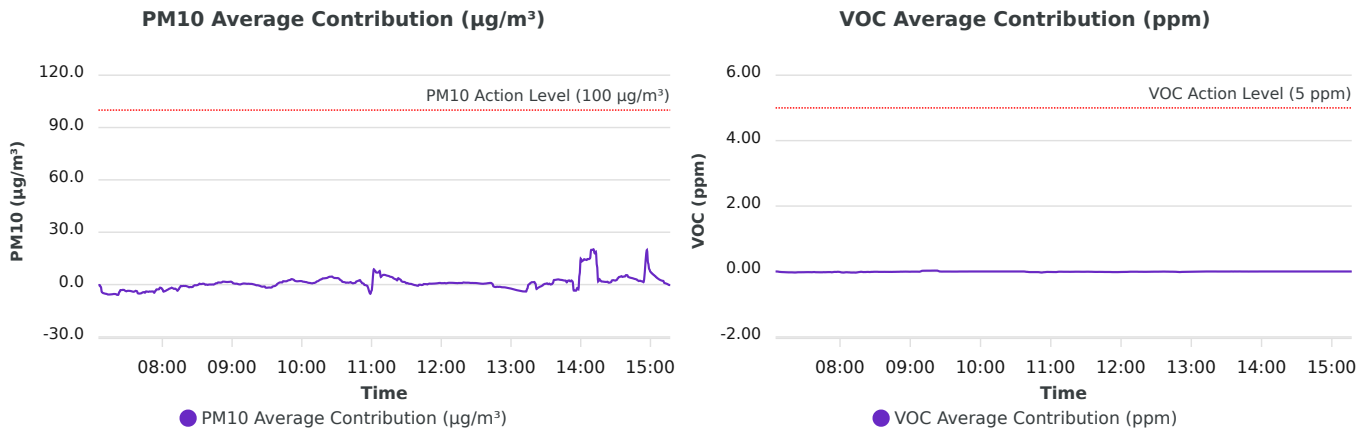
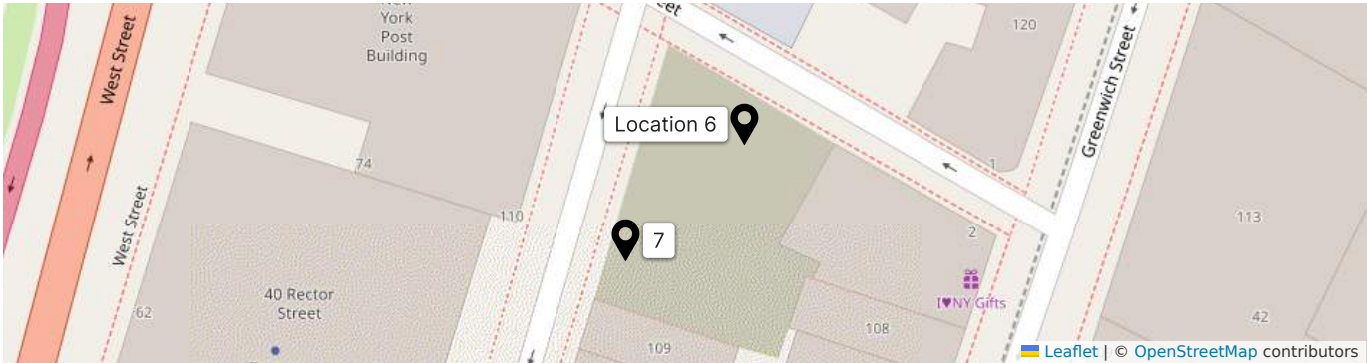
Photo 4: View of the site entrance/exit at the corner of Washington and Carlisle Street at the end of the work day (facing east).



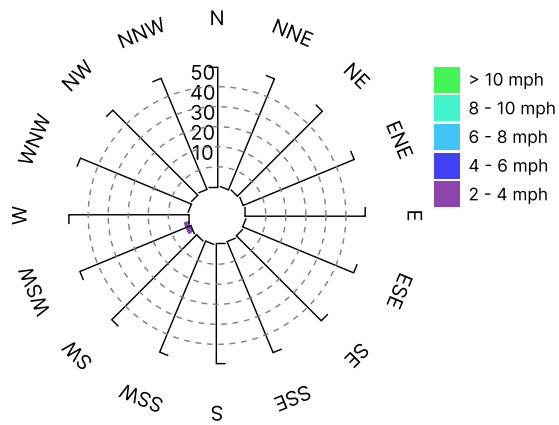
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	11/17/2023 06:00
		To:	11/17/2023 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
		VOC Action Level:	5.00 ppm

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
11/17/2023	0.1-3.1	WSW

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 11/17/2023	-5.9	07:22	-0.04	08:13
Max Contribution (15 min avg.) - 11/17/2023	20.2	14:11	0.03	09:21



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
11/17/2023 07:02:00							1.1	WSW
11/17/2023 07:03:00							0.9	W
11/17/2023 07:04:00							0.9	WSW
11/17/2023 07:05:00	15.1	14.6	-0.5	0.00	0.00	0.00	1.0	WSW
11/17/2023 07:06:00	15.0	14.7	-0.3	0.00	0.00	0.00	1.0	WSW
11/17/2023 07:07:00	15.7	14.4	-1.3	0.00	0.00	0.00	0.9	W
11/17/2023 07:08:00	18.6	14.2	-4.4	0.01	0.00	-0.01	0.9	WSW
11/17/2023 07:09:00	19.4	14.5	-4.9	0.01	0.00	-0.01	0.9	SSE
11/17/2023 07:10:00	19.7	14.7	-5.1	0.02	0.00	-0.02	0.9	WSW
11/17/2023 07:11:00	20.0	14.8	-5.3	0.02	0.00	-0.02	0.8	W
11/17/2023 07:12:00	20.0	14.7	-5.3	0.02	0.00	-0.02	0.9	WSW
11/17/2023 07:13:00	20.0	14.4	-5.7	0.02	0.00	-0.02	0.9	WSW
11/17/2023 07:14:00	19.7	14.0	-5.7	0.02	0.00	-0.02	0.8	WSW
11/17/2023 07:15:00	19.4	13.8	-5.7	0.03	0.00	-0.03	0.8	WSW
11/17/2023 07:16:00	19.2	13.6	-5.6	0.03	0.00	-0.03	0.8	SW
11/17/2023 07:17:00	19.1	13.6	-5.5	0.03	0.00	-0.03	0.8	WSW
11/17/2023 07:18:00	19.0	13.6	-5.4	0.03	0.00	-0.03	0.8	WSW
11/17/2023 07:19:00	18.8	13.4	-5.4	0.03	0.00	-0.03	0.8	W
11/17/2023 07:20:00	18.8	13.3	-5.5	0.03	0.00	-0.03	0.7	W
11/17/2023 07:21:00	19.1	13.2	-5.9	0.03	0.00	-0.03	0.7	WSW
11/17/2023 07:22:00	18.9	13.0	-5.9	0.03	0.00	-0.03	0.8	WSW
11/17/2023 07:23:00	17.7	13.5	-4.3	0.03	0.00	-0.03	0.7	NNE
11/17/2023 07:24:00	16.9	13.7	-3.1	0.03	0.00	-0.02	0.7	ESE
11/17/2023 07:25:00	16.6	13.4	-3.2	0.03	0.00	-0.02	0.7	W
11/17/2023 07:26:00	16.2	13.2	-3.0	0.03	0.00	-0.02	0.7	W
11/17/2023 07:27:00	16.0	13.0	-3.1	0.03	0.00	-0.02	0.7	W
11/17/2023 07:28:00	16.4	12.8	-3.6	0.03	0.00	-0.02	0.7	W
11/17/2023 07:29:00	16.6	12.7	-3.9	0.03	0.00	-0.02	0.7	WSW
11/17/2023 07:30:00	16.4	12.8	-3.6	0.03	0.00	-0.02	0.7	SW
11/17/2023 07:31:00	16.2	12.7	-3.6	0.02	0.00	-0.02	0.7	WSW
11/17/2023 07:32:00	16.0	12.4	-3.6	0.02	0.00	-0.02	0.8	W
11/17/2023 07:33:00	16.0	12.3	-3.7	0.02	0.00	-0.02	0.8	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
11/17/2023 07:34:00	16.3	12.4	-3.9	0.02	0.00	-0.02	0.8	WSW
11/17/2023 07:35:00	16.4	12.2	-4.1	0.03	0.00	-0.02	0.8	WSW
11/17/2023 07:36:00	16.1	12.2	-4.0	0.03	0.00	-0.02	0.8	WSW
11/17/2023 07:37:00	16.0	12.4	-3.6	0.03	0.01	-0.02	0.7	ESE
11/17/2023 07:38:00	15.9	12.2	-3.8	0.03	0.01	-0.02	0.7	ENE
11/17/2023 07:39:00	16.7	11.6	-5.0	0.03	0.01	-0.02	0.7	WSW
11/17/2023 07:40:00	16.9	11.7	-5.2	0.03	0.01	-0.02	0.7	W
11/17/2023 07:41:00	16.8	11.7	-5.1	0.03	0.01	-0.02	0.7	WSW
11/17/2023 07:42:00	16.6	11.7	-4.9	0.03	0.01	-0.02	0.7	WSW
11/17/2023 07:43:00	16.1	11.7	-4.5	0.03	0.01	-0.03	0.7	WSW
11/17/2023 07:44:00	15.9	11.5	-4.3	0.03	0.01	-0.03	0.6	SW
11/17/2023 07:45:00	15.9	11.3	-4.7	0.03	0.01	-0.03	0.6	WSW
11/17/2023 07:46:00	15.6	11.6	-3.9	0.03	0.01	-0.02	0.6	E
11/17/2023 07:47:00	15.6	11.6	-4.0	0.03	0.01	-0.02	0.5	WSW
11/17/2023 07:48:00	15.6	11.4	-4.2	0.04	0.01	-0.02	0.5	W
11/17/2023 07:49:00	15.2	11.3	-4.0	0.04	0.02	-0.02	0.6	W
11/17/2023 07:50:00	15.1	11.1	-4.0	0.04	0.02	-0.02	0.6	W
11/17/2023 07:51:00	14.8	10.9	-3.9	0.04	0.02	-0.02	0.6	WSW
11/17/2023 07:52:00	14.7	10.7	-4.0	0.04	0.02	-0.02	0.5	NE
11/17/2023 07:53:00	14.8	10.2	-4.7	0.04	0.01	-0.03	0.5	W
11/17/2023 07:54:00	14.1	10.4	-3.7	0.04	0.02	-0.02	0.5	NNW
11/17/2023 07:55:00	13.3	10.5	-2.8	0.04	0.02	-0.01	0.5	ENE
11/17/2023 07:56:00	13.1	10.3	-2.8	0.04	0.02	-0.01	0.6	W
11/17/2023 07:57:00	12.9	10.2	-2.7	0.04	0.02	-0.01	0.6	SW
11/17/2023 07:58:00	12.3	10.6	-1.8	0.03	0.03	-0.01	0.6	E
11/17/2023 07:59:00	12.5	10.5	-1.9	0.04	0.02	-0.01	0.6	WSW
11/17/2023 08:00:00	13.3	10.6	-2.7	0.04	0.02	-0.02	0.6	WNW
11/17/2023 08:01:00	14.1	10.1	-4.0	0.05	0.02	-0.03	0.6	WSW
11/17/2023 08:02:00	13.8	10.0	-3.8	0.05	0.02	-0.03	0.6	W
11/17/2023 08:03:00	13.4	9.8	-3.5	0.05	0.02	-0.03	0.6	W
11/17/2023 08:04:00	12.9	9.8	-3.1	0.05	0.02	-0.03	0.5	NE
11/17/2023 08:05:00	12.6	9.8	-2.8	0.04	0.02	-0.02	0.5	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
11/17/2023 08:06:00	12.4	10.0	-2.4	0.04	0.02	-0.02	0.5	WSW
11/17/2023 08:07:00	12.4	10.3	-2.1	0.04	0.02	-0.03	0.5	WSW
11/17/2023 08:08:00	12.2	10.4	-1.8	0.04	0.02	-0.03	0.6	WSW
11/17/2023 08:09:00	12.2	10.1	-2.1	0.04	0.01	-0.03	0.6	W
11/17/2023 08:10:00	12.3	9.8	-2.5	0.04	0.01	-0.03	0.6	E
11/17/2023 08:11:00	12.2	9.8	-2.3	0.04	0.01	-0.03	0.5	W
11/17/2023 08:12:00	12.7	10.0	-2.8	0.04	0.01	-0.03	0.5	WSW
11/17/2023 08:13:00	13.1	9.5	-3.5	0.04	0.01	-0.04	0.5	WSW
11/17/2023 08:14:00	12.2	9.5	-2.8	0.04	0.01	-0.03	0.5	WSW
11/17/2023 08:15:00	11.1	9.4	-1.6	0.04	0.01	-0.03	0.5	WNW
11/17/2023 08:16:00	10.2	9.4	-0.8	0.03	0.01	-0.02	0.5	WSW
11/17/2023 08:17:00	10.3	9.4	-0.9	0.02	0.01	-0.01	0.5	SSW
11/17/2023 08:18:00	10.1	9.4	-0.8	0.02	0.01	-0.01	0.5	ENE
11/17/2023 08:19:00	10.2	9.3	-0.8	0.02	0.01	-0.01	0.5	W
11/17/2023 08:20:00	10.1	9.3	-0.8	0.02	0.00	-0.02	0.5	WNW
11/17/2023 08:21:00	10.0	9.0	-1.0	0.02	0.00	-0.02	0.5	W
11/17/2023 08:22:00	9.9	8.7	-1.2	0.02	0.00	-0.02	0.5	SSE
11/17/2023 08:23:00	9.9	8.3	-1.6	0.02	0.01	-0.01	0.4	ENE
11/17/2023 08:24:00	9.8	8.4	-1.4	0.02	0.01	-0.01	0.4	W
11/17/2023 08:25:00	9.9	8.4	-1.5	0.02	0.00	-0.02	0.4	WSW
11/17/2023 08:26:00	9.7	8.4	-1.4	0.02	0.00	-0.01	0.4	W
11/17/2023 08:27:00	9.0	8.3	-0.7	0.02	0.00	-0.01	0.4	E
11/17/2023 08:28:00	8.6	8.3	-0.3	0.02	0.00	-0.01	0.4	W
11/17/2023 08:29:00	8.8	8.4	-0.4	0.01	0.01	-0.01	0.4	E
11/17/2023 08:30:00	8.8	8.5	-0.3	0.01	0.01	-0.01	0.4	W
11/17/2023 08:31:00	8.8	8.8	-0.1	0.01	0.01	-0.01	0.4	W
11/17/2023 08:32:00	8.7	9.2	0.5	0.01	0.01	-0.01	0.4	WSW
11/17/2023 08:33:00	9.0	9.3	0.3	0.02	0.00	-0.01	0.4	W
11/17/2023 08:34:00	9.1	9.4	0.3	0.02	0.00	-0.01	0.4	W
11/17/2023 08:35:00	9.1	9.6	0.5	0.02	0.00	-0.01	0.4	WSW
11/17/2023 08:36:00	9.5	9.9	0.4	0.02	0.00	-0.01	0.5	WSW
11/17/2023 08:37:00	10.1	10.0	-0.1	0.02	0.00	-0.01	0.5	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
11/17/2023 08:38:00	10.1	10.1	0.0	0.02	0.01	-0.01	0.5	SE
11/17/2023 08:39:00	10.1	9.9	-0.2	0.02	0.01	-0.01	0.5	WNW
11/17/2023 08:40:00	9.8	9.8	0.0	0.02	0.01	-0.01	0.5	W
11/17/2023 08:41:00	9.7	9.8	0.1	0.02	0.01	-0.01	0.5	SW
11/17/2023 08:42:00	9.7	9.7	0.0	0.02	0.00	-0.01	0.5	E
11/17/2023 08:43:00	9.6	9.7	0.1	0.02	0.00	-0.01	0.6	S
11/17/2023 08:44:00	9.6	9.6	0.0	0.02	0.00	-0.01	0.6	E
11/17/2023 08:45:00	9.5	9.8	0.3	0.01	0.00	-0.01	0.6	WNW
11/17/2023 08:46:00	9.3	10.1	0.7	0.01	0.00	-0.01	0.6	WNW
11/17/2023 08:47:00	9.0	9.8	0.8	0.01	0.00	-0.01	0.5	W
11/17/2023 08:48:00	8.5	9.7	1.2	0.01	0.00	-0.01	0.5	WSW
11/17/2023 08:49:00	8.4	9.6	1.2	0.01	0.00	-0.01	0.6	WSW
11/17/2023 08:50:00	8.3	9.5	1.1	0.01	0.00	-0.01	0.6	WSW
11/17/2023 08:51:00	7.9	9.2	1.2	0.01	0.00	-0.01	0.6	WSW
11/17/2023 08:52:00	7.4	9.1	1.7	0.01	0.01	-0.01	0.6	ESE
11/17/2023 08:53:00	7.2	8.9	1.7	0.01	0.00	-0.01	0.6	E
11/17/2023 08:54:00	7.2	8.8	1.6	0.01	0.00	-0.01	0.6	S
11/17/2023 08:55:00	7.1	8.6	1.5	0.01	0.00	-0.01	0.6	WSW
11/17/2023 08:56:00	7.0	8.5	1.5	0.01	0.00	0.00	0.6	WSW
11/17/2023 08:57:00	6.9	8.4	1.5	0.01	0.00	-0.01	0.6	WSW
11/17/2023 08:58:00	6.8	8.3	1.6	0.01	0.00	-0.01	0.7	SE
11/17/2023 08:59:00	6.6	8.3	1.7	0.01	0.00	-0.01	0.7	WSW
11/17/2023 09:00:00	6.6	8.0	1.4	0.01	0.00	-0.01	0.7	SW
11/17/2023 09:01:00	6.6	7.3	0.7	0.01	0.00	-0.01	0.7	ENE
11/17/2023 09:02:00	6.6	7.2	0.6	0.01	0.00	-0.01	0.7	WSW
11/17/2023 09:03:00	6.6	7.1	0.5	0.01	0.00	-0.01	0.7	W
11/17/2023 09:04:00	6.5	7.0	0.5	0.01	0.00	-0.01	0.7	SW
11/17/2023 09:05:00	6.5	6.8	0.3	0.01	0.00	-0.01	0.7	WSW
11/17/2023 09:06:00	6.6	6.7	0.1	0.01	0.00	-0.01	0.7	WSW
11/17/2023 09:07:00	6.5	6.6	0.1	0.01	0.00	-0.01	0.6	ENE
11/17/2023 09:08:00	6.4	6.7	0.3	0.01	0.00	-0.01	0.6	SSW
11/17/2023 09:09:00	6.3	6.8	0.5	0.01	0.01	0.01	0.7	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/17/2023 09:10:00	6.2	6.8	0.6	0.01	0.03	0.02	0.7	WSW
11/17/2023 09:11:00	6.2	6.8	0.6	0.01	0.03	0.02	0.7	W
11/17/2023 09:12:00	6.2	6.7	0.5	0.01	0.03	0.02	0.6	NNW
11/17/2023 09:13:00	6.3	6.7	0.4	0.01	0.03	0.02	0.6	SW
11/17/2023 09:14:00	6.2	6.7	0.5	0.01	0.03	0.03	0.6	WSW
11/17/2023 09:15:00	6.2	6.6	0.4	0.01	0.03	0.03	0.6	W
11/17/2023 09:16:00	6.1	6.5	0.4	0.01	0.03	0.03	0.6	W
11/17/2023 09:17:00	6.0	6.4	0.4	0.01	0.03	0.03	0.7	WSW
11/17/2023 09:18:00	6.0	6.2	0.2	0.01	0.03	0.03	0.7	E
11/17/2023 09:19:00	6.1	6.1	0.1	0.01	0.03	0.03	0.7	WSW
11/17/2023 09:20:00	6.3	6.1	-0.2	0.00	0.03	0.03	0.7	WNW
11/17/2023 09:21:00	6.5	6.1	-0.4	0.00	0.03	0.03	0.7	SW
11/17/2023 09:22:00	6.7	6.3	-0.4	0.00	0.03	0.03	0.7	WSW
11/17/2023 09:23:00	6.9	6.4	-0.6	0.00	0.03	0.03	0.8	SW
11/17/2023 09:24:00	7.0	6.3	-0.8	0.00	0.02	0.02	0.8	W
11/17/2023 09:25:00	7.3	6.2	-1.1	0.00	0.00	0.00	0.8	W
11/17/2023 09:26:00	7.5	6.3	-1.2	0.00	0.00	0.00	0.8	WSW
11/17/2023 09:27:00	7.5	6.4	-1.1	0.00	0.00	0.00	0.8	WSW
11/17/2023 09:28:00	7.5	6.4	-1.1	0.00	0.00	0.00	0.9	SW
11/17/2023 09:29:00	8.2	6.4	-1.8	0.00	0.00	0.00	0.9	WSW
11/17/2023 09:30:00	8.4	6.5	-1.8	0.00	0.00	0.00	0.9	WSW
11/17/2023 09:31:00	8.4	6.7	-1.7	0.00	0.00	0.00	1.0	WSW
11/17/2023 09:32:00	8.4	6.7	-1.7	0.00	0.00	0.00	0.9	WSW
11/17/2023 09:33:00	8.5	6.8	-1.7	0.00	0.00	0.00	1.0	WSW
11/17/2023 09:34:00	8.5	6.8	-1.7	0.00	0.00	0.00	1.0	WSW
11/17/2023 09:35:00	8.1	7.0	-1.1	0.00	0.00	0.00	1.0	WSW
11/17/2023 09:36:00	7.8	6.8	-0.9	0.00	0.00	0.00	1.0	ESE
11/17/2023 09:37:00	7.6	6.8	-0.8	0.00	0.00	0.00	1.1	WSW
11/17/2023 09:38:00	7.3	7.0	-0.3	0.00	0.00	0.00	1.1	W
11/17/2023 09:39:00	7.1	7.5	0.4	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:40:00	6.8	7.7	0.9	0.00	0.00	0.00	1.1	SW
11/17/2023 09:41:00	6.7	7.9	1.2	0.00	0.00	0.00	1.1	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
11/17/2023 09:42:00	6.7	7.9	1.3	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:43:00	6.6	7.8	1.2	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:44:00	5.8	7.7	1.9	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:45:00	5.7	7.6	1.9	0.00	0.00	0.00	1.2	SW
11/17/2023 09:46:00	5.6	7.5	1.9	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:47:00	5.4	7.3	1.9	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:48:00	5.0	7.4	2.3	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:49:00	4.8	7.3	2.5	0.00	0.00	0.00	1.2	W
11/17/2023 09:50:00	4.7	7.3	2.6	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:51:00	4.4	7.5	3.1	0.00	0.00	0.00	1.2	SW
11/17/2023 09:52:00	4.1	7.2	3.1	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:53:00	4.0	6.8	2.8	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:54:00	4.0	6.1	2.2	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:55:00	3.8	5.7	1.9	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:56:00	3.5	5.4	1.9	0.00	0.00	0.00	1.3	WSW
11/17/2023 09:57:00	3.3	5.2	1.9	0.00	0.00	0.00	1.2	WSW
11/17/2023 09:58:00	3.1	5.1	2.0	0.00	0.00	0.00	1.3	WSW
11/17/2023 09:59:00	3.0	5.0	2.0	0.00	0.00	0.00	1.3	WSW
11/17/2023 10:00:00	3.0	4.9	1.9	0.00	0.00	0.00	1.3	WSW
11/17/2023 10:01:00	3.2	4.8	1.7	0.00	0.00	0.00	1.3	WSW
11/17/2023 10:02:00	3.2	4.9	1.6	0.00	0.00	0.00	1.4	WSW
11/17/2023 10:03:00	3.3	4.8	1.5	0.00	0.00	0.00	1.4	WSW
11/17/2023 10:04:00	3.3	4.7	1.4	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:05:00	3.3	4.4	1.1	0.00	0.00	0.00	1.5	SW
11/17/2023 10:06:00	3.2	4.2	1.0	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:07:00	3.1	4.1	0.9	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:08:00	3.1	3.9	0.8	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:09:00	3.2	3.9	0.7	0.00	0.00	0.00	1.6	W
11/17/2023 10:10:00	3.2	4.1	0.9	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:11:00	3.2	4.2	1.0	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:12:00	3.3	4.5	1.3	0.00	0.00	0.00	1.6	SW
11/17/2023 10:13:00	3.2	5.0	1.8	0.00	0.00	0.00	1.6	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
11/17/2023 10:14:00	3.2	5.2	2.0	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:15:00	2.9	5.3	2.5	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:16:00	2.5	5.4	2.9	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:17:00	2.4	5.5	3.1	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:18:00	2.3	5.9	3.5	0.00	0.00	0.00	1.7	SW
11/17/2023 10:19:00	2.3	5.9	3.5	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:20:00	2.3	6.0	3.6	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:21:00	2.3	6.0	3.7	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:22:00	2.2	6.1	3.9	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:23:00	2.1	6.4	4.3	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:24:00	2.1	6.6	4.5	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:25:00	2.1	6.6	4.5	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:26:00	2.1	6.7	4.6	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:27:00	2.3	6.4	4.1	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:28:00	2.4	6.2	3.8	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:29:00	2.5	6.2	3.8	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:30:00	2.6	6.3	3.7	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:31:00	2.7	6.5	3.8	0.00	0.00	0.00	1.6	SW
11/17/2023 10:32:00	3.0	6.4	3.4	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:33:00	3.6	6.3	2.7	0.00	0.00	0.00	1.5	W
11/17/2023 10:34:00	4.1	6.4	2.3	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:35:00	4.8	6.4	1.6	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:36:00	5.0	6.5	1.4	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:37:00	5.1	6.5	1.4	0.00	0.00	0.00	1.6	WSW
11/17/2023 10:38:00	5.3	6.3	1.0	0.00	0.00	0.00	1.5	WSW
11/17/2023 10:39:00	5.3	6.5	1.2	0.01	0.00	-0.01	1.6	W
11/17/2023 10:40:00	5.5	6.5	1.1	0.02	0.01	-0.01	1.5	WSW
11/17/2023 10:41:00	5.5	6.7	1.2	0.02	0.01	-0.02	1.6	WSW
11/17/2023 10:42:00	5.5	6.9	1.4	0.03	0.01	-0.02	1.6	WSW
11/17/2023 10:43:00	5.8	6.8	1.0	0.03	0.01	-0.02	1.7	WSW
11/17/2023 10:44:00	6.0	6.7	0.7	0.03	0.01	-0.02	1.7	WSW
11/17/2023 10:45:00	6.0	6.9	0.9	0.03	0.01	-0.02	1.7	SSW

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
11/17/2023 10:46:00	6.0	7.0	1.0	0.03	0.01	-0.02	1.7	SW
11/17/2023 10:47:00	5.8	7.6	1.8	0.03	0.01	-0.02	1.6	WSW
11/17/2023 10:48:00	5.5	7.5	2.0	0.03	0.01	-0.02	1.6	WSW
11/17/2023 10:49:00	5.1	7.4	2.3	0.03	0.01	-0.02	1.6	WSW
11/17/2023 10:50:00	4.7	7.3	2.6	0.03	0.01	-0.02	1.6	WSW
11/17/2023 10:51:00	5.6	7.2	1.6	0.04	0.01	-0.03	1.6	WSW
11/17/2023 10:52:00	6.3	7.1	0.8	0.04	0.01	-0.03	1.6	WSW
11/17/2023 10:53:00	6.8	7.4	0.6	0.04	0.01	-0.03	1.6	S
11/17/2023 10:54:00	7.3	7.1	-0.2	0.03	0.01	-0.02	1.6	WSW
11/17/2023 10:55:00	7.4	7.1	-0.3	0.02	0.00	-0.02	1.7	WSW
11/17/2023 10:56:00	7.4	6.8	-0.6	0.02	0.00	-0.02	1.6	SW
11/17/2023 10:57:00				0.01	0.00	-0.01	1.6	WSW
11/17/2023 10:58:00				0.01	0.00	-0.01	1.5	WSW
11/17/2023 10:59:00	10.0	4.8	-5.2	0.01	0.00	-0.01	1.5	WSW
11/17/2023 11:00:00	8.1	4.5	-3.5	0.01	0.00	-0.01	1.6	WSW
11/17/2023 11:01:00				0.02	0.00	-0.02	1.6	WSW
11/17/2023 11:02:00	3.0	11.7	8.7	0.02	0.00	-0.02	1.7	WSW
11/17/2023 11:03:00	3.1	11.0	7.9	0.02	0.00	-0.02	1.6	SSE
11/17/2023 11:04:00	3.0	10.0	6.9	0.02	0.00	-0.02	1.6	W
11/17/2023 11:05:00	3.2	10.0	6.8	0.02	0.00	-0.02	1.6	WSW
11/17/2023 11:06:00	3.1	10.1	7.0	0.01	0.00	-0.01	1.6	W
11/17/2023 11:07:00	3.2	11.0	7.8	0.01	0.00	-0.01	1.6	WSW
11/17/2023 11:08:00	5.6	9.9	4.3	0.01	0.00	-0.01	1.6	ENE
11/17/2023 11:09:00	5.2	10.3	5.1	0.01	0.00	-0.01	1.5	WSW
11/17/2023 11:10:00	4.9	10.4	5.5	0.01	0.00	-0.01	1.4	WSW
11/17/2023 11:11:00	4.7	10.3	5.6	0.01	0.00	-0.01	1.4	WSW
11/17/2023 11:12:00	4.5	9.9	5.5	0.01	0.00	-0.01	1.3	W
11/17/2023 11:13:00	4.5	9.6	5.2	0.01	0.00	-0.01	1.3	W
11/17/2023 11:14:00	4.6	9.6	5.0	0.01	0.00	-0.01	1.2	W
11/17/2023 11:15:00	4.7	9.6	4.9	0.01	0.00	-0.01	1.1	W
11/17/2023 11:16:00	4.9	9.4	4.5	0.01	0.00	-0.01	1.1	WSW
11/17/2023 11:17:00	5.1	9.5	4.4	0.01	0.00	-0.01	1.1	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
11/17/2023 11:18:00	5.1	9.3	4.2	0.01	0.00	-0.01	1.1	WSW
11/17/2023 11:19:00	5.8	9.3	3.6	0.01	0.00	-0.01	1.1	WSW
11/17/2023 11:20:00	6.4	9.6	3.2	0.01	0.00	-0.01	1.1	WSW
11/17/2023 11:21:00	6.7	9.7	3.0	0.01	0.00	-0.01	1.0	WSW
11/17/2023 11:22:00	7.0	9.5	2.4	0.01	0.00	-0.01	1.0	WSW
11/17/2023 11:23:00	6.0	9.7	3.6	0.01	0.00	-0.01	1.0	SW
11/17/2023 11:24:00	6.1	9.3	3.2	0.01	0.00	-0.01	1.0	SW
11/17/2023 11:25:00	6.3	9.1	2.8	0.01	0.00	-0.01	1.0	WNW
11/17/2023 11:26:00	7.2	9.0	1.8	0.01	0.00	-0.01	1.0	SSW
11/17/2023 11:27:00	7.4	9.0	1.6	0.01	0.00	-0.01	1.0	W
11/17/2023 11:28:00	7.5	9.0	1.6	0.01	0.00	-0.01	1.1	WSW
11/17/2023 11:29:00	7.6	8.9	1.3	0.01	0.00	-0.01	1.1	W
11/17/2023 11:30:00	8.1	8.8	0.7	0.01	0.00	-0.01	1.2	WSW
11/17/2023 11:31:00	8.1	9.0	0.9	0.01	0.00	-0.01	1.2	WSW
11/17/2023 11:32:00	8.0	8.5	0.5	0.01	0.00	-0.01	1.2	WSW
11/17/2023 11:33:00	8.1	8.6	0.4	0.01	0.00	-0.01	1.2	WSW
11/17/2023 11:34:00	8.3	8.7	0.4	0.01	0.00	-0.01	1.2	SSE
11/17/2023 11:35:00	8.1	8.2	0.2	0.01	0.00	-0.01	1.1	SW
11/17/2023 11:36:00	8.0	7.9	-0.1	0.01	0.00	-0.01	1.2	WSW
11/17/2023 11:37:00	7.7	7.4	-0.3	0.01	0.00	-0.01	1.2	WSW
11/17/2023 11:38:00	7.7	7.3	-0.4	0.01	0.00	-0.01	1.2	WSW
11/17/2023 11:39:00	7.7	7.1	-0.6	0.01	0.00	-0.01	1.2	WSW
11/17/2023 11:40:00	7.5	6.9	-0.7	0.01	0.00	-0.01	1.2	W
11/17/2023 11:41:00	6.8	6.7	-0.1	0.01	0.00	-0.01	1.3	WSW
11/17/2023 11:42:00	6.6	6.5	-0.1	0.01	0.00	-0.01	1.3	WSW
11/17/2023 11:43:00	6.6	6.4	-0.3	0.01	0.00	-0.01	1.3	WSW
11/17/2023 11:44:00	6.3	6.2	-0.2	0.01	0.00	-0.01	1.3	WSW
11/17/2023 11:45:00	5.6	6.0	0.3	0.01	0.00	-0.01	1.3	WSW
11/17/2023 11:46:00	5.3	5.6	0.3	0.01	0.00	-0.01	1.3	WSW
11/17/2023 11:47:00	5.2	5.5	0.3	0.01	0.00	-0.01	1.4	WSW
11/17/2023 11:48:00	5.1	5.3	0.1	0.01	0.00	-0.01	1.4	W
11/17/2023 11:49:00	4.4	4.8	0.4	0.01	0.00	-0.01	1.4	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
11/17/2023 11:50:00	4.0	4.5	0.6	0.01	0.00	-0.01	1.4	WSW
11/17/2023 11:51:00	3.9	4.4	0.5	0.02	0.00	-0.02	1.4	S
11/17/2023 11:52:00	3.8	4.3	0.5	0.02	0.00	-0.02	1.4	WSW
11/17/2023 11:53:00	3.7	4.3	0.6	0.02	0.00	-0.02	1.4	WSW
11/17/2023 11:54:00	3.6	4.2	0.6	0.02	0.00	-0.02	1.5	WSW
11/17/2023 11:55:00	3.5	4.2	0.6	0.02	0.00	-0.02	1.5	WSW
11/17/2023 11:56:00	3.5	4.1	0.7	0.02	0.00	-0.02	1.5	SSW
11/17/2023 11:57:00	3.3	4.1	0.8	0.02	0.00	-0.02	1.5	WSW
11/17/2023 11:58:00	3.2	4.1	0.9	0.02	0.00	-0.02	1.5	W
11/17/2023 11:59:00	3.0	4.0	0.9	0.02	0.00	-0.02	1.5	WSW
11/17/2023 12:00:00	3.1	3.9	0.8	0.02	0.00	-0.01	1.4	ENE
11/17/2023 12:01:00	3.0	3.8	0.8	0.01	0.00	-0.01	1.4	WSW
11/17/2023 12:02:00	2.9	3.8	0.8	0.01	0.00	-0.01	1.3	W
11/17/2023 12:03:00	2.8	3.8	0.9	0.01	0.00	-0.01	1.3	WSW
11/17/2023 12:04:00	3.0	3.7	0.7	0.01	0.00	-0.01	1.3	NNW
11/17/2023 12:05:00	2.9	3.7	0.8	0.01	0.00	-0.01	1.3	WSW
11/17/2023 12:06:00	2.8	3.7	1.0	0.01	0.00	-0.01	1.4	WSW
11/17/2023 12:07:00	2.7	3.7	1.0	0.01	0.00	-0.01	1.3	SW
11/17/2023 12:08:00	2.7	3.7	1.0	0.01	0.00	-0.01	1.3	WSW
11/17/2023 12:09:00	2.6	3.7	1.0	0.01	0.00	-0.01	1.2	SW
11/17/2023 12:10:00	2.6	3.6	1.0	0.01	0.00	-0.01	1.2	WSW
11/17/2023 12:11:00	2.6	3.6	0.9	0.01	0.00	-0.01	1.2	WSW
11/17/2023 12:12:00	2.7	3.6	0.9	0.01	0.00	-0.01	1.2	WSW
11/17/2023 12:13:00	2.7	3.5	0.9	0.01	0.00	-0.01	1.2	WSW
11/17/2023 12:14:00	2.7	3.5	0.8	0.01	0.00	-0.01	1.2	WSW
11/17/2023 12:15:00	2.6	3.5	0.9	0.01	0.00	-0.01	1.3	WSW
11/17/2023 12:16:00	2.6	3.5	0.9	0.01	0.00	-0.01	1.2	WNW
11/17/2023 12:17:00	2.6	3.5	0.9	0.01	0.00	-0.01	1.2	SW
11/17/2023 12:18:00	2.6	3.5	0.9	0.01	0.00	-0.01	1.1	WSW
11/17/2023 12:19:00	2.4	3.6	1.2	0.01	0.00	-0.01	1.2	WSW
11/17/2023 12:20:00	2.4	3.5	1.1	0.01	0.00	-0.01	1.1	WSW
11/17/2023 12:21:00	2.4	3.4	1.1	0.01	0.00	-0.01	1.1	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
11/17/2023 12:22:00	2.4	3.5	1.1	0.01	0.00	-0.01	1.1	W
11/17/2023 12:23:00	2.4	3.5	1.1	0.01	0.00	-0.01	1.1	S
11/17/2023 12:24:00	2.4	3.5	1.1	0.01	0.00	-0.01	1.1	WSW
11/17/2023 12:25:00	2.5	3.4	0.9	0.01	0.00	-0.01	1.1	NE
11/17/2023 12:26:00	2.5	3.4	0.9	0.01	0.00	-0.01	1.1	WSW
11/17/2023 12:27:00	2.5	3.5	0.9	0.01	0.00	-0.01	1.1	SW
11/17/2023 12:28:00	2.6	3.5	0.9	0.01	0.00	-0.01	1.0	W
11/17/2023 12:29:00	2.6	3.5	0.9	0.01	0.00	-0.01	0.9	WSW
11/17/2023 12:30:00	2.7	3.6	0.9	0.01	0.00	-0.01	0.9	WSW
11/17/2023 12:31:00	2.9	3.7	0.8	0.01	0.00	-0.01	1.0	W
11/17/2023 12:32:00	3.1	3.8	0.7	0.01	0.00	-0.01	1.0	WSW
11/17/2023 12:33:00	3.2	3.9	0.6	0.01	0.00	-0.01	1.0	E
11/17/2023 12:34:00	3.5	4.0	0.5	0.01	0.00	-0.01	1.0	WSW
11/17/2023 12:35:00	3.6	4.1	0.5	0.01	0.00	0.00	0.9	SW
11/17/2023 12:36:00	3.9	4.3	0.5	0.00	0.00	0.00	0.9	WSW
11/17/2023 12:37:00	4.1	4.6	0.5	0.00	0.00	0.00	0.9	WSW
11/17/2023 12:38:00	4.2	4.8	0.6	0.01	0.00	0.00	0.9	SSE
11/17/2023 12:39:00	4.4	5.0	0.7	0.01	0.00	-0.01	0.8	WSW
11/17/2023 12:40:00	4.5	5.3	0.8	0.01	0.00	-0.01	0.8	WSW
11/17/2023 12:41:00	4.8	5.6	0.8	0.01	0.00	-0.01	0.8	WSW
11/17/2023 12:42:00	4.9	5.8	1.0	0.01	0.00	-0.01	0.8	WSW
11/17/2023 12:43:00	5.1	6.0	0.9	0.01	0.00	-0.01	0.9	WSW
11/17/2023 12:44:00	5.7	6.2	0.4	0.01	0.00	-0.01	0.9	WSW
11/17/2023 12:45:00	7.6	6.5	-1.1	0.01	0.00	-0.01	0.9	WNW
11/17/2023 12:46:00	8.2	6.9	-1.3	0.01	0.00	-0.01	0.8	WSW
11/17/2023 12:47:00	8.7	7.3	-1.4	0.01	0.00	-0.01	0.8	WSW
11/17/2023 12:48:00	9.1	7.9	-1.2	0.01	0.00	-0.01	0.8	WSW
11/17/2023 12:49:00	9.4	8.0	-1.3	0.01	0.00	-0.01	0.8	SW
11/17/2023 12:50:00	9.5	8.2	-1.3	0.02	0.00	-0.02	0.8	WNW
11/17/2023 12:51:00	9.6	8.3	-1.3	0.02	0.00	-0.02	0.7	ESE
11/17/2023 12:52:00	9.8	8.2	-1.5	0.02	0.00	-0.01	0.7	NE
11/17/2023 12:53:00							0.7	ENE

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
11/17/2023 12:54:00							0.7	WSW
11/17/2023 12:55:00							0.7	WSW
11/17/2023 12:56:00							0.6	SW
11/17/2023 12:57:00							0.6	SW
11/17/2023 12:58:00							0.6	WSW
11/17/2023 12:59:00							0.5	NNW
11/17/2023 13:00:00							0.5	WSW
11/17/2023 13:01:00							0.5	W
11/17/2023 13:02:00							0.5	W
11/17/2023 13:03:00							0.4	W
11/17/2023 13:04:00							0.5	SSW
11/17/2023 13:05:00							0.5	WSW
11/17/2023 13:06:00							0.5	WSW
11/17/2023 13:07:00							0.6	WSW
11/17/2023 13:08:00							0.6	W
11/17/2023 13:09:00							0.6	WSW
11/17/2023 13:10:00							0.6	ENE
11/17/2023 13:11:00							0.6	WSW
11/17/2023 13:12:00							0.6	W
11/17/2023 13:13:00	13.0	9.0	-4.0	0.00	0.00	0.00	0.5	WNW
11/17/2023 13:14:00	11.2	8.8	-2.4	0.00	0.00	0.00	0.6	WSW
11/17/2023 13:15:00	9.9	9.8	-0.1	0.00	0.00	0.00	0.6	WSW
11/17/2023 13:16:00	9.0	9.4	0.4	0.00	0.00	0.00	0.6	WSW
11/17/2023 13:17:00	8.5	9.5	1.0	0.00	0.00	0.00	0.7	SW
11/17/2023 13:18:00	8.2	9.5	1.4	0.00	0.00	0.00	0.7	WSW
11/17/2023 13:19:00	7.9	9.2	1.3	0.00	0.00	0.00	0.7	SSW
11/17/2023 13:20:00	7.7	9.2	1.5	0.00	0.00	0.00	0.7	WSW
11/17/2023 13:21:00	8.6	9.2	0.6	0.00	0.00	0.00	0.6	WNW
11/17/2023 13:22:00	11.8	9.2	-2.5	0.00	0.00	0.00	0.6	W
11/17/2023 13:23:00	11.2	9.2	-2.0	0.00	0.00	0.00	0.6	WSW
11/17/2023 13:24:00	10.7	9.1	-1.6	0.00	0.00	0.00	0.7	W
11/17/2023 13:25:00	10.3	9.1	-1.2	0.00	0.00	0.00	0.7	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
11/17/2023 13:26:00	9.9	8.9	-0.9	0.00	0.00	0.00	0.7	SW
11/17/2023 13:27:00	9.5	8.9	-0.6	0.00	0.00	0.00	0.8	WSW
11/17/2023 13:28:00	8.9	8.9	0.0	0.00	0.00	0.00	0.8	WSW
11/17/2023 13:29:00	8.5	8.9	0.4	0.00	0.00	0.00	0.9	WSW
11/17/2023 13:30:00	8.3	8.8	0.5	0.00	0.00	0.00	0.9	WSW
11/17/2023 13:31:00	8.2	8.9	0.7	0.00	0.00	0.00	1.0	WSW
11/17/2023 13:32:00	8.4	8.6	0.3	0.00	0.00	0.00	1.0	NNW
11/17/2023 13:33:00	8.3	8.8	0.5	0.00	0.00	0.00	0.9	WSW
11/17/2023 13:34:00	8.6	8.6	0.1	0.00	0.00	0.00	0.9	ESE
11/17/2023 13:35:00	8.4	8.6	0.2	0.00	0.00	0.00	0.9	SSW
11/17/2023 13:36:00	7.7	8.5	0.8	0.00	0.00	0.00	0.9	WNW
11/17/2023 13:37:00	5.5	8.2	2.6	0.00	0.00	0.00	0.9	SE
11/17/2023 13:38:00	5.4	8.1	2.7	0.00	0.00	0.00	0.9	WSW
11/17/2023 13:39:00	5.3	8.1	2.8	0.00	0.00	0.00	0.9	WSW
11/17/2023 13:40:00	5.3	8.2	2.9	0.00	0.00	0.00	1.0	WSW
11/17/2023 13:41:00	5.2	8.2	3.0	0.00	0.00	0.00	1.0	WSW
11/17/2023 13:42:00	5.3	8.0	2.8	0.00	0.00	0.00	0.9	SW
11/17/2023 13:43:00	5.3	8.0	2.7	0.00	0.00	0.00	0.9	WSW
11/17/2023 13:44:00	5.3	7.9	2.6	0.00	0.00	0.00	0.8	WSW
11/17/2023 13:45:00	5.3	7.7	2.4	0.00	0.00	0.00	0.8	WSW
11/17/2023 13:46:00	5.3	7.6	2.3	0.00	0.00	0.00	0.8	WSW
11/17/2023 13:47:00	5.2	7.5	2.3	0.00	0.00	0.00	0.8	ENE
11/17/2023 13:48:00	5.6	6.9	1.3	0.00	0.00	0.00	0.8	ESE
11/17/2023 13:49:00	5.2	7.4	2.2	0.00	0.00	0.00	0.8	WSW
11/17/2023 13:50:00	5.2	7.6	2.4	0.00	0.00	0.00	0.8	WSW
11/17/2023 13:51:00	5.5	7.3	1.9	0.00	0.00	0.00	0.8	NNE
11/17/2023 13:52:00	5.2	7.5	2.3	0.00	0.00	0.00	0.9	WSW
11/17/2023 13:53:00	5.9	7.6	1.7	0.00	0.00	0.00	0.9	W
11/17/2023 13:54:00	10.9	7.5	-3.4	0.00	0.00	0.00	0.8	SW
11/17/2023 13:55:00	11.0	7.5	-3.5	0.00	0.00	0.00	0.8	E
11/17/2023 13:56:00	11.3	7.8	-3.5	0.00	0.00	0.00	0.8	W
11/17/2023 13:57:00	11.5	9.6	-2.0	0.00	0.00	0.00	0.7	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
11/17/2023 13:58:00	12.1	9.3	-2.7	0.00	0.00	0.00	0.7	E
11/17/2023 13:59:00	12.1	17.8	5.7	0.00	0.00	0.00	0.7	WSW
11/17/2023 14:00:00	12.3	27.1	14.8	0.00	0.00	0.00	0.6	W
11/17/2023 14:01:00	13.6	26.9	13.3	0.00	0.00	0.00	0.6	SE
11/17/2023 14:02:00	13.4	27.2	13.8	0.00	0.00	0.00	0.6	WSW
11/17/2023 14:03:00	13.1	27.6	14.5	0.00	0.00	0.00	0.6	SW
11/17/2023 14:04:00	13.2	27.4	14.3	0.00	0.00	0.00	0.6	W
11/17/2023 14:05:00	13.2	27.3	14.1	0.00	0.00	0.00	0.5	SW
11/17/2023 14:06:00	13.0	27.6	14.7	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:07:00	13.1	27.7	14.6	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:08:00	12.6	27.6	15.0	0.00	0.00	0.00	0.5	SW
11/17/2023 14:09:00	7.8	27.7	19.9	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:10:00	7.8	27.7	19.9	0.00	0.00	0.00	0.6	WSW
11/17/2023 14:11:00	7.5	27.6	20.2	0.00	0.00	0.00	0.6	W
11/17/2023 14:12:00	7.8	25.8	18.0	0.00	0.00	0.00	0.6	ESE
11/17/2023 14:13:00	7.3	26.1	18.8	0.00	0.00	0.00	0.6	WNW
11/17/2023 14:14:00	7.3	18.0	10.8	0.00	0.00	0.00	0.7	WSW
11/17/2023 14:15:00	7.2	9.0	1.8	0.00	0.00	0.00	0.7	WSW
11/17/2023 14:16:00	6.0	9.2	3.2	0.00	0.00	0.00	0.7	NW
11/17/2023 14:17:00	6.8	9.1	2.3	0.00	0.00	0.00	0.6	W
11/17/2023 14:18:00	7.1	8.8	1.8	0.00	0.00	0.00	0.6	NNW
11/17/2023 14:19:00	7.0	8.7	1.7	0.00	0.00	0.00	0.6	WSW
11/17/2023 14:20:00	7.0	8.6	1.6	0.00	0.00	0.00	0.6	WSW
11/17/2023 14:21:00	6.9	8.5	1.6	0.00	0.00	0.00	0.6	WSW
11/17/2023 14:22:00	6.9	8.4	1.5	0.00	0.00	0.00	0.6	W
11/17/2023 14:23:00	6.9	8.6	1.6	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:24:00	7.3	8.4	1.1	0.00	0.00	0.00	0.5	SE
11/17/2023 14:25:00	7.2	8.3	1.1	0.00	0.00	0.00	0.5	SW
11/17/2023 14:26:00	7.2	8.6	1.4	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:27:00	6.5	9.0	2.4	0.00	0.00	0.00	0.5	SW
11/17/2023 14:28:00	6.5	9.0	2.5	0.00	0.00	0.00	0.5	WNW
11/17/2023 14:29:00	6.4	8.7	2.4	0.00	0.00	0.00	0.4	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
11/17/2023 14:30:00	6.3	8.7	2.3	0.00	0.00	0.00	0.4	W
11/17/2023 14:31:00	6.1	8.8	2.7	0.00	0.00	0.00	0.4	WSW
11/17/2023 14:32:00	5.1	8.8	3.6	0.00	0.00	0.00	0.4	WSW
11/17/2023 14:33:00	4.8	9.1	4.3	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:34:00	4.7	9.2	4.5	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:35:00	4.5	9.3	4.8	0.00	0.00	0.00	0.5	W
11/17/2023 14:36:00	4.6	9.0	4.4	0.00	0.00	0.00	0.5	ESE
11/17/2023 14:37:00	4.4	9.0	4.6	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:38:00	4.2	8.8	4.7	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:39:00	3.6	9.0	5.4	0.00	0.00	0.00	0.6	W
11/17/2023 14:40:00	3.5	8.9	5.4	0.00	0.00	0.00	0.6	WSW
11/17/2023 14:41:00	3.7	8.1	4.3	0.00	0.00	0.00	0.6	E
11/17/2023 14:42:00	3.7	7.8	4.1	0.00	0.00	0.00	0.6	WSW
11/17/2023 14:43:00	3.6	7.5	3.9	0.00	0.00	0.00	0.6	W
11/17/2023 14:44:00	3.6	7.3	3.7	0.00	0.00	0.00	0.6	S
11/17/2023 14:45:00	3.6	7.1	3.6	0.00	0.00	0.00	0.7	WSW
11/17/2023 14:46:00	3.5	6.9	3.3	0.00	0.00	0.00	0.7	WSW
11/17/2023 14:47:00	3.5	6.7	3.1	0.00	0.00	0.00	0.6	W
11/17/2023 14:48:00	3.5	6.5	3.0	0.00	0.00	0.00	0.6	W
11/17/2023 14:49:00	3.6	6.1	2.4	0.00	0.00	0.00	0.6	N
11/17/2023 14:50:00	3.7	5.7	2.0	0.00	0.00	0.00	0.6	W
11/17/2023 14:51:00	3.6	5.8	2.2	0.00	0.00	0.00	0.6	ENE
11/17/2023 14:52:00	3.7	5.6	2.0	0.00	0.00	0.00	0.6	WNW
11/17/2023 14:53:00	3.8	5.5	1.8	0.00	0.00	0.00	0.6	SW
11/17/2023 14:54:00	3.9	5.3	1.4	0.00	0.00	0.00	0.5	E
11/17/2023 14:55:00				0.00	0.00	0.00	0.4	ENE
11/17/2023 14:56:00				0.00	0.00	0.00	0.4	WSW
11/17/2023 14:57:00	3.3	23.1	19.8	0.00	0.00	0.00	0.5	S
11/17/2023 14:58:00	3.2	15.5	12.3	0.00	0.00	0.00	0.5	WSW
11/17/2023 14:59:00	3.4	12.2	8.8	0.00	0.00	0.00	0.5	WSW
11/17/2023 15:00:00	3.7	11.0	7.3	0.00	0.00	0.00	0.4	WSW
11/17/2023 15:01:00	3.8	10.4	6.6	0.00	0.00	0.00	0.5	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
11/17/2023 15:02:00	3.9	9.9	6.0	0.00	0.00	0.00	0.5	WSW
11/17/2023 15:03:00	3.9	9.4	5.4	0.00	0.00	0.00	0.5	WSW
11/17/2023 15:04:00	4.1	8.9	4.9	0.00	0.00	0.00	0.5	WSW
11/17/2023 15:05:00	4.2	8.4	4.2	0.00	0.00	0.00	0.5	NNW
11/17/2023 15:06:00	4.4	8.0	3.7	0.00	0.00	0.00	0.5	SE
11/17/2023 15:07:00	4.5	7.7	3.2	0.00	0.00	0.00	0.5	E
11/17/2023 15:08:00	4.6	7.4	2.8	0.00	0.00	0.00	0.5	E
11/17/2023 15:09:00	4.7	7.1	2.5	0.00	0.00	0.00	0.5	ESE
11/17/2023 15:10:00	4.7	6.9	2.2	0.00	0.00	0.00	0.5	E
11/17/2023 15:11:00	4.7	6.8	2.1	0.00	0.00	0.00	0.5	SSW
11/17/2023 15:12:00	4.7	5.6	0.9	0.00	0.00	0.00	0.5	SSE
11/17/2023 15:13:00	4.8	5.5	0.7	0.00	0.00	0.00	0.5	WSW
11/17/2023 15:14:00	4.9	5.4	0.5	0.00	0.00	0.00	0.5	E
11/17/2023 15:15:00	4.9	5.1	0.1	0.00	0.00	0.00	0.5	ESE
11/17/2023 15:16:00	5.0	4.8	-0.2	0.00	0.00	0.00	0.4	ESE
11/17/2023 15:17:00	5.0	4.7	-0.3	0.00	0.00	0.00	0.4	SSW