

DAILY FIELD REPORT 267

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	August 15, 2024
Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	7:00 am to 3:15 pm
Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)		Langan Field Personnel: Pepper Greenley (Environmental)	
Construction Manager: Consigli Construction Co., Inc. (Consigli)			
Foundation Contractor: Urban Foundation/Engineering (Urban)			
Plumbing Contractor: Neptune Mechanics			

Work Activities Performed:

- Urban excavated an about 12-foot-long by 4-foot-wide area to about 2.5 feet below grade surface (bgs) in the southern part of grid WC05 for the installation of utilities. Excavated material consisted of non-native soil/fill; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a release were not observed. Excavated non-native soil/fill was stockpiled in white plastic construction bags, pending future off-site disposal.
- Urban excavated an about 3-foot-long by 2-foot-wide area of concrete in the eastern area of the site in preparation for future concrete pour. Excavated construction and debris (C&D) was stockpiled in an existing stockpile in the southern area of the site.
- Urban backfilled an about 8-foot-long by 4-foot-wide area to about 2 feet bgs in the southern part of grids WC04 and WC05 around installed utilities and an about 45-foot-long by 5-foot-wide area to about 1.5 feet bgs along the northeastern wall of the site in preparation for a future concrete pour. Backfilled material consisted of clean sand previously imported from the North American Aggregate Mining Operations.

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)
	139	2,780	337	6,740	0	-	17	340

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

Materials Import Summary								
Facility Name	Greenpoint Quarry / North Shore Terminal		Tilcon Clinton Point Quarry / Pier J – Brooklyn Navy Yard		Stavola Bound Brook / North Shore Terminal		North American Aggregate Mining Operations	
Location	Staten Island, NY		Brooklyn, NY		Staten Island, NY		Perth Amboy, NJ	
Type of Material	ASTM #57 0.75-inch Stone		ASTM #57 0.75-inch Stone		ASTM #2 2.5-inch Stone		Pipe Sand Backfill	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. 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	Approx. Volume (CY)
	8	157	0	-	3	60	32	544
Approved Quantity	-	500	-	500	-	200	-	600

Samples Collected:

- No samples were collected.

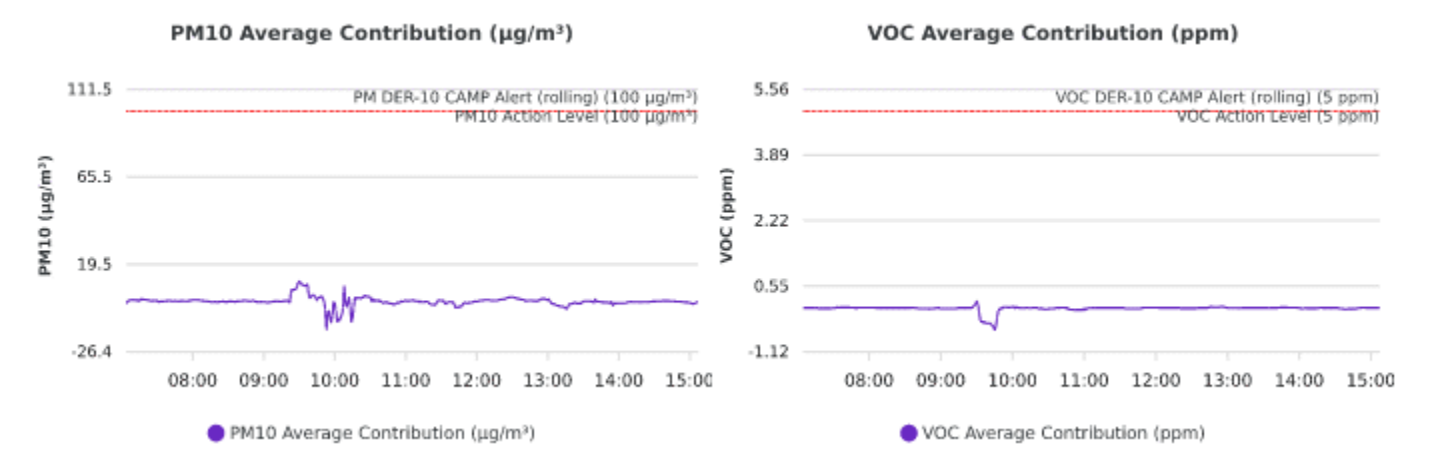
Air Monitoring:

The 15-minute average site contributions for particulates and 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	12.5	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-14.9	VOC Average Site Contribution (Minimum)	-0.56
PM10 Average Site Contribution (Maximum)	10.7	VOC Average Site Contribution (Maximum)	0.17

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

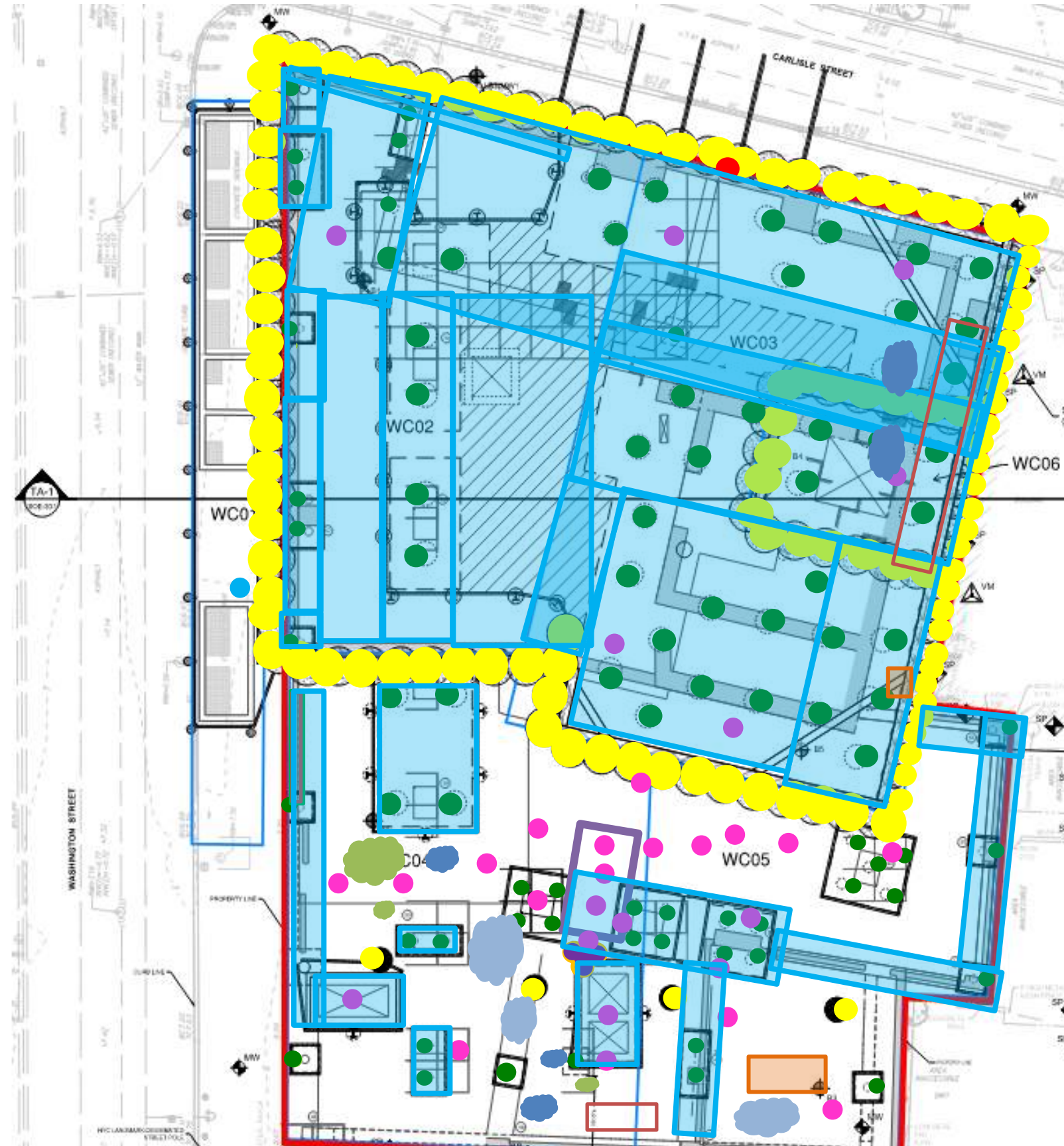
ppm: parts per million.



Planned Activities:

- Urban will continue to backfill, excavate, remove concrete, and install foundation elements throughout the site.
- Urban will continue to install waterproofing/vapor barrier membranes throughout the site.

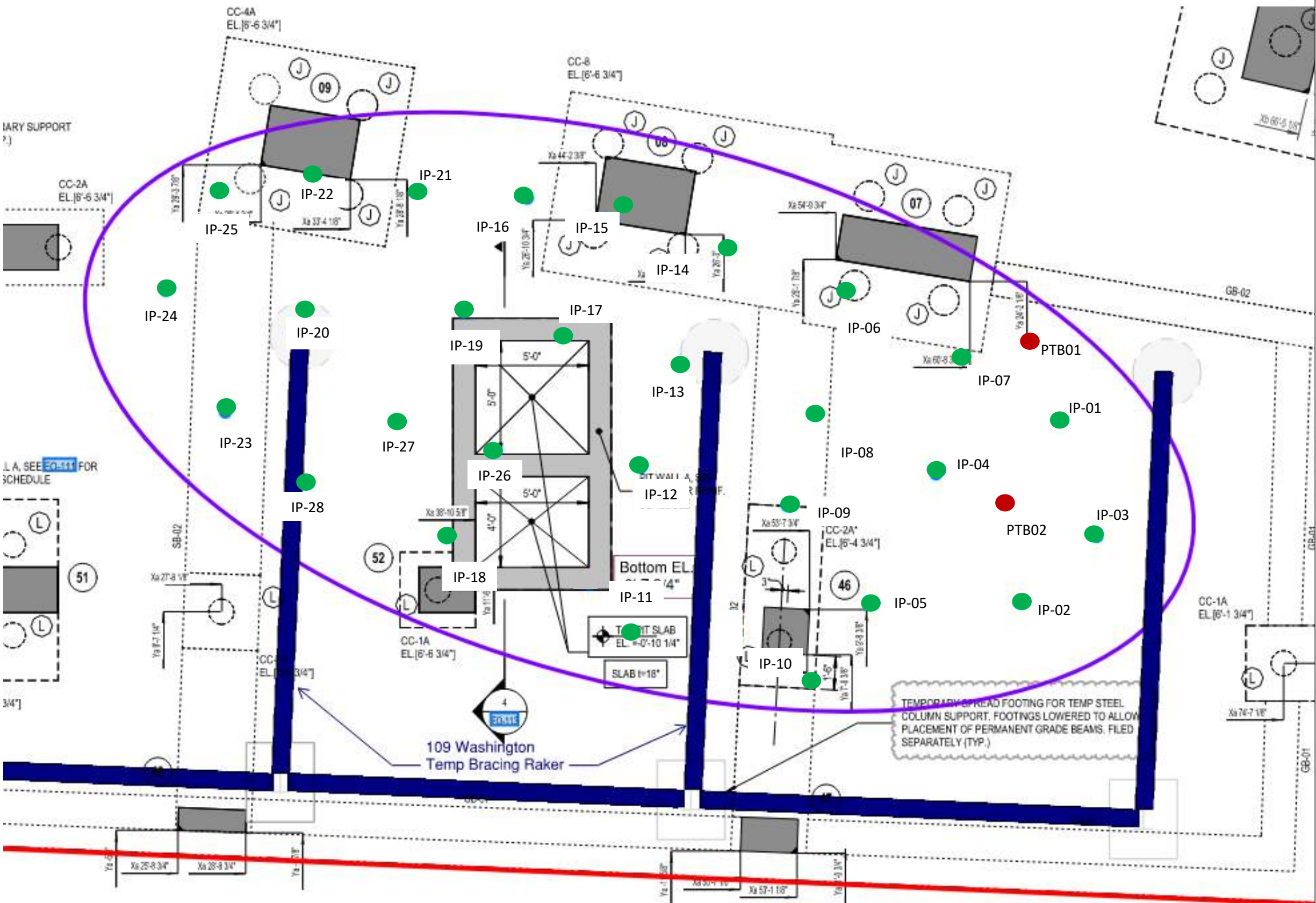
SITE PLAN



	Site Boundary
	Waste Characterization Grid Boundary
	CAMP station 1
	CAMP station 2
	Stockpile – Soil (no impacts)
	Stockpile – C&D
	Stockpile – Imported Clean Fill
	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
	Soil-Mix Core Advanced
	Documentation Endpoint Sample
	Completed Waterproofing Installation
	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.

SITE PLAN - PETROFIX GROUNDWATER TREATMENT AREA



- Site Boundary
- Groundwater Treatment Area
- Proposed Petrofix Injection Point
- In Progress Petrofix Injection
- Completed Petrofix Injection
- Pilot Test Boring Advanced

Photo Log

Photo 1: View of Urban excavating in the southern area of WC05 (facing southeast).



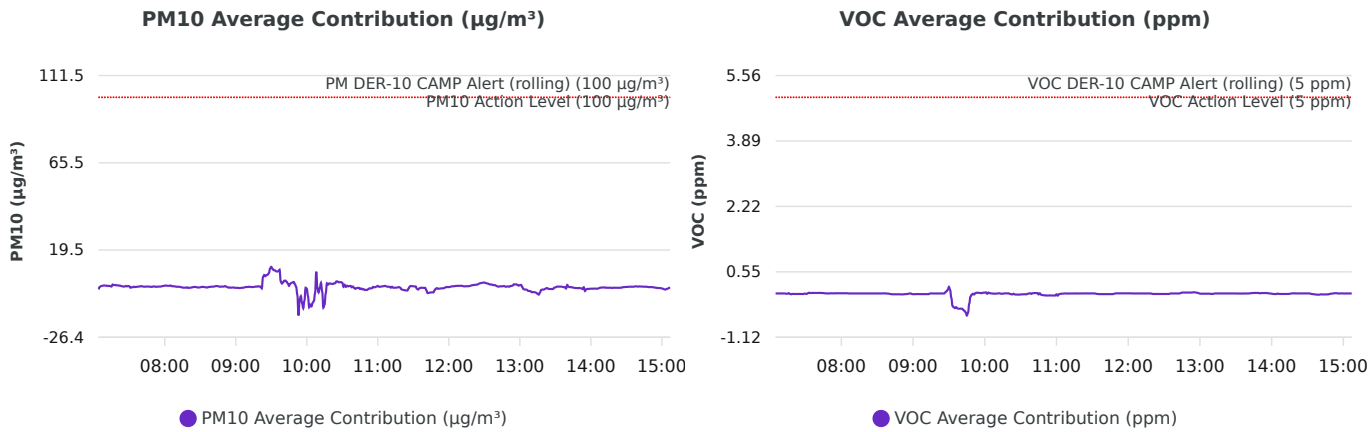
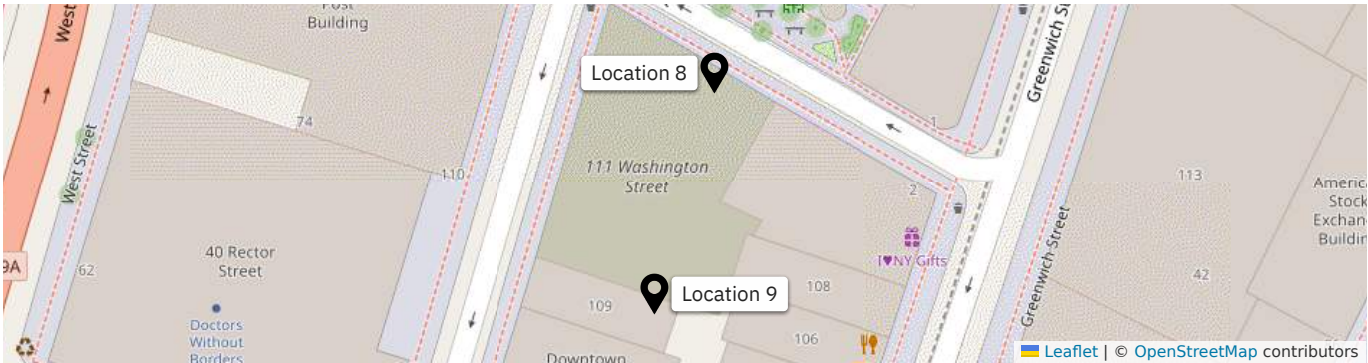
Photo 2: View of the backfilled area in the southern area of the site (facing south).



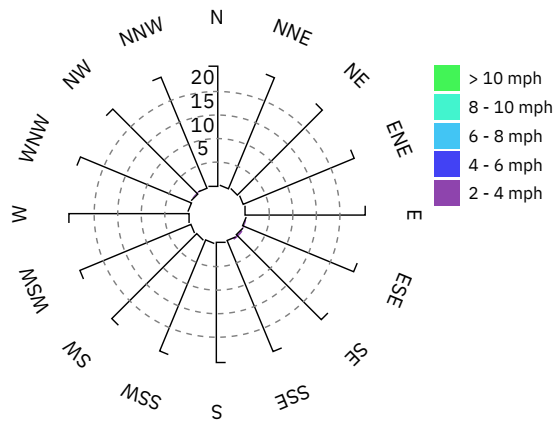
	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	8/15/2024 00:00
		To:	8/15/2024 23:59
		PM10 Action Level:	100.0 µg/m³
		VOC Action Level:	5.00 ppm

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
8/15/2024	0.3-3.3	SE

Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/15/2024	-14.9	09:53	-0.56	09:45
Max Contribution (15 min avg.) - 8/15/2024	10.7	09:30	0.17	09:30



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
8/15/2024 07:03:00							1.5	ESE
8/15/2024 07:04:00	12.5	11.4	-1.1				0.5	NNW
8/15/2024 07:05:00	11.9	12.0	0.1	0.00	0.00	0.00	0.7	ESE
8/15/2024 07:06:00	11.6	12.1	0.5	0.00	0.00	0.00	0.4	WNW
8/15/2024 07:07:00	11.5	12.2	0.7	0.00	0.00	0.00	0.4	SE
8/15/2024 07:08:00	11.4	12.2	0.8	0.00	0.00	0.00	0.5	S
8/15/2024 07:09:00	11.3	12.2	0.9	0.00	0.00	0.00	0.5	SE
8/15/2024 07:10:00	11.3	12.0	0.8	0.00	0.00	0.00	0.6	ESE
8/15/2024 07:11:00	11.2	11.9	0.8	0.00	0.00	0.00	0.4	NNW
8/15/2024 07:12:00	11.2	11.8	0.6	0.00	0.00	0.00	0.5	SE
8/15/2024 07:13:00	11.1	11.8	0.7	0.00	0.00	0.00	0.4	NNW
8/15/2024 07:14:00	11.3	11.8	0.5	0.01	0.00	-0.01	0.2	W
8/15/2024 07:15:00	12.0	12.3	0.3	0.01	0.01	-0.01	0.1	WNW
8/15/2024 07:16:00	12.1	13.5	1.4	0.02	0.03	0.01	0.1	SW
8/15/2024 07:17:00	12.4	13.5	1.1	0.04	0.03	-0.01	0.0	NW
8/15/2024 07:18:00	12.5	13.7	1.1	0.06	0.04	-0.02	0.0	E
8/15/2024 07:19:00	12.7	13.7	1.0	0.07	0.06	-0.01	0.0	WNW
8/15/2024 07:20:00	12.7	13.7	1.0	0.07	0.06	-0.01	0.1	NW
8/15/2024 07:21:00	12.8	13.6	0.8	0.08	0.07	-0.01	0.1	WNW
8/15/2024 07:22:00	12.7	13.6	0.8	0.09	0.07	-0.01	0.2	ENE
8/15/2024 07:23:00	12.8	13.4	0.6	0.09	0.07	-0.01	0.1	SE
8/15/2024 07:24:00	12.8	13.3	0.4	0.09	0.07	-0.01	0.1	SE
8/15/2024 07:25:00	12.9	13.2	0.3	0.09	0.07	-0.01	0.1	SE
8/15/2024 07:26:00	13.0	13.3	0.3	0.09	0.07	-0.01	0.1	NE
8/15/2024 07:27:00	13.0	13.6	0.6	0.09	0.07	-0.01	0.2	NE
8/15/2024 07:28:00	13.2	13.6	0.4	0.09	0.07	-0.01	0.0	SSE
8/15/2024 07:29:00	13.2	13.7	0.6	0.08	0.08	-0.01	0.1	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
8/15/2024 07:30:00	12.9	13.3	0.5	0.08	0.07	-0.01	0.2	ESE
8/15/2024 07:31:00	12.8	12.5	-0.3	0.07	0.06	-0.01	0.2	NW
8/15/2024 07:32:00	12.5	12.4	-0.1	0.05	0.06	0.01	0.3	ESE
8/15/2024 07:33:00	12.3	12.2	-0.1	0.03	0.05	0.02	0.2	N
8/15/2024 07:34:00	12.0	12.3	0.3	0.02	0.03	0.01	0.3	E
8/15/2024 07:35:00	12.1	12.2	0.0	0.01	0.03	0.01	0.4	SE
8/15/2024 07:36:00	12.1	12.3	0.2	0.01	0.02	0.01	0.4	NNW
8/15/2024 07:37:00	12.1	12.3	0.2	0.00	0.02	0.01	0.4	ENE
8/15/2024 07:38:00	12.1	12.4	0.3	0.00	0.02	0.01	0.4	NE
8/15/2024 07:39:00	12.2	12.6	0.3	0.00	0.02	0.01	0.3	SSE
8/15/2024 07:40:00	12.2	12.7	0.5	0.00	0.02	0.01	0.3	N
8/15/2024 07:41:00	12.2	12.6	0.4	0.00	0.02	0.01	0.3	SE
8/15/2024 07:42:00	12.2	12.5	0.3	0.00	0.02	0.01	0.2	N
8/15/2024 07:43:00	12.1	12.3	0.2	0.00	0.02	0.01	0.2	SW
8/15/2024 07:44:00	12.0	12.2	0.2	0.00	0.01	0.01	0.3	ESE
8/15/2024 07:45:00	11.8	12.2	0.4	0.00	0.01	0.01	0.2	S
8/15/2024 07:46:00	11.7	12.0	0.3	0.00	0.01	0.01	0.3	NNW
8/15/2024 07:47:00	11.7	11.9	0.3	0.00	0.00	0.00	0.2	NNW
8/15/2024 07:48:00	11.7	11.9	0.2	0.00	0.00	0.00	0.3	E
8/15/2024 07:49:00	11.7	11.8	0.1	0.00	0.00	0.00	0.3	SE
8/15/2024 07:50:00	11.6	11.9	0.3	0.00	0.00	0.00	0.2	NW
8/15/2024 07:51:00	11.5	11.9	0.4	0.00	0.01	0.01	0.2	NNW
8/15/2024 07:52:00	11.6	11.8	0.2	0.00	0.01	0.00	0.1	W
8/15/2024 07:53:00	11.6	11.8	0.2	0.00	0.01	0.00	0.2	SE
8/15/2024 07:54:00	11.5	11.8	0.3	0.00	0.01	0.00	0.2	SE
8/15/2024 07:55:00	11.5	11.8	0.3	0.00	0.01	0.01	0.2	ENE
8/15/2024 07:56:00	11.5	11.8	0.3	0.00	0.01	0.01	0.3	SE
8/15/2024 07:57:00	11.5	11.8	0.3	0.00	0.01	0.01	0.3	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
8/15/2024 07:58:00	11.3	11.9	0.6	0.00	0.01	0.01	0.4	E
8/15/2024 07:59:00	11.4	12.0	0.6	0.00	0.01	0.01	0.2	WNW
8/15/2024 08:00:00	11.3	12.1	0.8	0.00	0.01	0.01	0.3	N
8/15/2024 08:01:00	11.2	12.1	0.8	0.00	0.01	0.01	0.4	E
8/15/2024 08:02:00	11.3	12.0	0.7	0.00	0.01	0.01	0.4	SSE
8/15/2024 08:03:00	11.3	12.0	0.7	0.00	0.01	0.01	0.3	N
8/15/2024 08:04:00	11.3	12.0	0.7	0.00	0.01	0.01	0.3	ESE
8/15/2024 08:05:00	11.3	12.2	0.8	0.00	0.01	0.01	0.3	NW
8/15/2024 08:06:00	11.6	12.1	0.5	0.00	0.00	0.00	0.3	ESE
8/15/2024 08:07:00	11.7	12.2	0.5	0.00	0.00	0.00	0.4	ESE
8/15/2024 08:08:00	11.7	12.1	0.4	0.00	0.00	0.00	0.4	SSE
8/15/2024 08:09:00	11.8	12.1	0.3	0.00	0.00	0.00	0.4	SE
8/15/2024 08:10:00	11.9	12.1	0.2	0.00	0.00	0.00	0.3	W
8/15/2024 08:11:00	12.0	12.2	0.2	0.00	0.00	0.00	0.3	NE
8/15/2024 08:12:00	12.1	12.3	0.2	0.00	0.00	0.00	0.4	E
8/15/2024 08:13:00	12.2	12.3	0.1	0.00	0.00	0.00	0.3	NE
8/15/2024 08:14:00	12.2	12.2	-0.1	0.00	0.00	0.00	0.3	WSW
8/15/2024 08:15:00	12.3	12.1	-0.2	0.00	0.00	0.00	0.3	WNW
8/15/2024 08:16:00	12.4	12.1	-0.3	0.00	0.00	0.00	0.3	S
8/15/2024 08:17:00	12.4	12.2	-0.2	0.00	0.00	0.00	0.2	NW
8/15/2024 08:18:00	12.5	12.2	-0.3	0.00	0.00	0.00	0.2	WSW
8/15/2024 08:19:00	12.5	12.3	-0.1	0.00	0.00	0.00	0.1	NE
8/15/2024 08:20:00	12.6	12.1	-0.4	0.00	0.00	0.00	0.3	SSE
8/15/2024 08:21:00	12.5	12.2	-0.3	0.00	0.00	0.00	0.2	W
8/15/2024 08:22:00	12.5	12.2	-0.3	0.00	0.00	0.00	0.1	SSE
8/15/2024 08:23:00	12.4	12.3	-0.1	0.00	0.00	0.00	0.0	NNW
8/15/2024 08:24:00	12.4	12.4	0.0	0.00	0.00	0.00	0.1	N
8/15/2024 08:25:00	12.3	12.4	0.1	0.00	0.00	0.00	0.2	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
8/15/2024 08:26:00	12.3	12.3	0.1	0.00	0.00	0.00	0.1	SSW
8/15/2024 08:27:00	12.3	12.3	-0.1	0.00	0.00	0.00	0.2	S
8/15/2024 08:28:00	12.4	12.2	-0.2	0.00	0.00	0.00	0.2	S
8/15/2024 08:29:00	12.5	12.3	-0.2	0.00	0.00	0.00	0.2	WNW
8/15/2024 08:30:00	12.5	12.4	-0.1	0.00	0.00	0.00	0.2	ESE
8/15/2024 08:31:00	12.6	12.6	0.1	0.00	0.00	0.00	0.1	ENE
8/15/2024 08:32:00	12.6	12.7	0.1	0.00	0.00	0.00	0.1	E
8/15/2024 08:33:00	12.7	12.8	0.1	0.00	0.00	0.00	0.1	SSE
8/15/2024 08:34:00	12.8	12.7	-0.1	0.00	0.00	0.00	0.2	SE
8/15/2024 08:35:00	12.8	12.7	-0.1	0.00	0.00	0.00	0.2	SE
8/15/2024 08:36:00	12.9	12.7	-0.2	0.00	0.00	0.00	0.3	SE
8/15/2024 08:37:00	12.8	12.9	0.1	0.00	0.00	0.00	0.3	NE
8/15/2024 08:38:00	12.8	12.9	0.1	0.01	0.00	0.00	0.4	E
8/15/2024 08:39:00	12.9	13.1	0.2	0.01	0.00	0.00	0.5	E
8/15/2024 08:40:00	13.0	13.3	0.2	0.01	0.00	-0.01	0.6	NE
8/15/2024 08:41:00	13.0	13.3	0.3	0.02	0.00	-0.01	0.5	WNW
8/15/2024 08:42:00	13.0	13.3	0.3	0.02	0.00	-0.02	0.4	WNW
8/15/2024 08:43:00	12.9	13.4	0.5	0.03	0.00	-0.02	0.3	NW
8/15/2024 08:44:00	12.8	13.4	0.6	0.03	0.00	-0.02	0.4	ESE
8/15/2024 08:45:00	12.8	13.3	0.5	0.03	0.00	-0.02	0.4	SSE
8/15/2024 08:46:00	12.8	13.1	0.3	0.03	0.00	-0.02	0.4	SE
8/15/2024 08:47:00	12.8	13.0	0.2	0.03	0.00	-0.02	0.4	ESE
8/15/2024 08:48:00	12.7	13.1	0.3	0.03	0.00	-0.02	0.4	NNE
8/15/2024 08:49:00	12.7	13.0	0.3	0.03	0.00	-0.02	0.4	SE
8/15/2024 08:50:00	12.7	13.0	0.3	0.03	0.00	-0.02	0.4	SSE
8/15/2024 08:51:00	12.5	13.1	0.5	0.03	0.00	-0.03	0.4	ENE
8/15/2024 08:52:00	12.6	12.9	0.3	0.02	0.00	-0.02	0.4	SSE
8/15/2024 08:53:00	12.8	12.8	0.0	0.02	0.00	-0.02	0.3	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
8/15/2024 08:54:00	12.9	12.6	-0.3	0.02	0.00	-0.02	0.3	SSE
8/15/2024 08:55:00	12.8	12.7	-0.2	0.01	0.00	-0.01	0.3	E
8/15/2024 08:56:00	12.9	12.7	-0.3	0.01	0.00	-0.01	0.5	SE
8/15/2024 08:57:00	12.9	12.7	-0.2	0.00	0.00	0.00	0.6	ENE
8/15/2024 08:58:00	12.9	12.7	-0.2	0.00	0.00	0.00	0.7	ENE
8/15/2024 08:59:00	12.9	12.6	-0.3	0.01	0.00	-0.01	0.6	W
8/15/2024 09:00:00	12.9	12.6	-0.4	0.02	0.00	-0.02	0.5	WNW
8/15/2024 09:01:00	12.9	12.6	-0.4	0.02	0.00	-0.02	0.4	S
8/15/2024 09:02:00	12.9	12.6	-0.4	0.02	0.00	-0.02	0.4	SSE
8/15/2024 09:03:00	13.0	12.5	-0.5	0.02	0.00	-0.02	0.5	SSW
8/15/2024 09:04:00	13.0	12.5	-0.5	0.02	0.00	-0.02	0.4	W
8/15/2024 09:05:00	12.9	12.6	-0.3	0.02	0.00	-0.02	0.3	WNW
8/15/2024 09:06:00	12.9	12.5	-0.4	0.02	0.00	-0.02	0.2	WNW
8/15/2024 09:07:00	12.8	12.6	-0.2	0.02	0.00	-0.02	0.1	NW
8/15/2024 09:08:00	12.6	12.6	0.0	0.02	0.00	-0.02	0.1	NW
8/15/2024 09:09:00	12.5	12.6	0.1	0.02	0.00	-0.02	0.2	NW
8/15/2024 09:10:00	12.4	12.4	0.0	0.02	0.00	-0.02	0.3	NW
8/15/2024 09:11:00	12.3	12.5	0.2	0.02	0.00	-0.02	0.4	NW
8/15/2024 09:12:00	12.3	12.4	0.2	0.02	0.00	-0.02	0.4	E
8/15/2024 09:13:00	12.4	12.4	0.0	0.02	0.00	-0.02	0.4	SSE
8/15/2024 09:14:00	12.4	12.4	0.0	0.01	0.00	0.00	0.3	SE
8/15/2024 09:15:00	12.4	12.4	0.1	0.00	0.00	0.00	0.2	SE
8/15/2024 09:16:00	12.3	12.5	0.2	0.00	0.00	0.00	0.2	NW
8/15/2024 09:17:00	12.2	12.5	0.3	0.00	0.00	0.00	0.3	NNW
8/15/2024 09:18:00	12.2	12.5	0.3	0.00	0.00	0.00	0.3	S
8/15/2024 09:19:00	12.1	12.6	0.5	0.00	0.00	0.00	0.2	ESE
8/15/2024 09:20:00	12.3	12.5	0.3	0.00	0.00	0.00	0.1	SSW
8/15/2024 09:21:00	12.2	12.5	0.3	0.00	0.00	0.00	0.0	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
8/15/2024 09:22:00	13.1	12.4	-0.7	0.00	0.00	0.00	0.2	SSE
8/15/2024 09:23:00	13.1	18.4	5.3	0.00	0.00	0.00	0.2	NNW
8/15/2024 09:24:00	13.3	19.7	6.4	0.00	0.00	0.00	0.1	WNW
8/15/2024 09:25:00	13.9	19.6	5.8	0.00	0.00	0.00	0.2	W
8/15/2024 09:26:00	13.9	20.2	6.3	0.00	0.00	0.00	0.2	NW
8/15/2024 09:27:00	13.8	20.4	6.6	0.00	0.03	0.03	0.1	NNW
8/15/2024 09:28:00	13.7	21.1	7.4	0.00	0.06	0.06	0.1	N
8/15/2024 09:29:00	13.7	23.5	9.8	0.00	0.09	0.09	0.1	ENE
8/15/2024 09:30:00	13.6	24.3	10.7	0.00	0.17	0.17	0.3	NW
8/15/2024 09:31:00	14.6	24.3	9.7	0.08	0.17	0.09	0.3	WNW
8/15/2024 09:32:00	15.3	24.2	9.0	0.28	0.17	-0.11	0.2	SSE
8/15/2024 09:33:00	15.4	24.3	8.9	0.49	0.17	-0.32	0.2	SE
8/15/2024 09:34:00	15.8	24.2	8.4	0.52	0.17	-0.35	0.2	SSE
8/15/2024 09:35:00	16.0	24.2	8.2	0.54	0.17	-0.37	0.2	SSE
8/15/2024 09:36:00	16.1	24.5	8.4	0.54	0.19	-0.35	0.3	NNW
8/15/2024 09:37:00	15.3	24.5	9.2	0.57	0.19	-0.38	0.3	SSE
8/15/2024 09:38:00	15.5	18.5	3.0	0.58	0.19	-0.39	0.2	SSE
8/15/2024 09:39:00	15.4	17.3	1.9	0.58	0.19	-0.39	0.1	SSW
8/15/2024 09:40:00	15.0	17.6	2.6	0.58	0.19	-0.39	0.1	SSE
8/15/2024 09:41:00	15.2	18.6	3.4	0.58	0.19	-0.39	0.2	ENE
8/15/2024 09:42:00	15.3	18.8	3.4	0.58	0.16	-0.42	0.2	NE
8/15/2024 09:43:00	15.4	18.2	2.8	0.58	0.14	-0.45	0.3	ENE
8/15/2024 09:44:00	15.4	17.4	1.9	0.58	0.10	-0.48	0.2	WNW
8/15/2024 09:45:00	16.0	16.6	0.7	0.58	0.02	-0.56	0.3	W
8/15/2024 09:46:00	15.1	16.8	1.8	0.52	0.03	-0.49	0.2	NW
8/15/2024 09:47:00	14.6	16.8	2.2	0.32	0.06	-0.26	0.2	W
8/15/2024 09:48:00	14.5	16.9	2.5	0.14	0.06	-0.08	0.1	ENE
8/15/2024 09:49:00	14.3	17.0	2.7	0.11	0.08	-0.03	0.1	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
8/15/2024 09:50:00	15.5	17.0	1.5	0.09	0.09	-0.01	0.1	SE
8/15/2024 09:51:00	16.6	16.8	0.1	0.09	0.07	-0.03	0.1	SE
8/15/2024 09:52:00	20.8	16.9	-3.9	0.07	0.07	0.01	0.1	SSE
8/15/2024 09:53:00	31.9	17.0	-14.9	0.06	0.07	0.02	0.1	SSE
8/15/2024 09:54:00	31.8	25.3	-6.5	0.06	0.07	0.02	0.1	NE
8/15/2024 09:55:00	31.8	27.0	-4.8	0.06	0.08	0.02	0.1	NNW
8/15/2024 09:56:00	33.9	25.5	-8.4	0.07	0.08	0.01	0.1	SE
8/15/2024 09:57:00	36.3	25.2	-11.1	0.08	0.08	0.01	0.1	SSE
8/15/2024 09:58:00	36.3	29.2	-7.2	0.08	0.10	0.01	0.1	NNW
8/15/2024 09:59:00	36.4	36.1	-0.3	0.08	0.10	0.02	0.1	ENE
8/15/2024 10:00:00	37.0	36.2	-0.8	0.09	0.11	0.02	0.2	SE
8/15/2024 10:01:00	40.8	36.2	-4.7	0.08	0.11	0.03	0.3	SSE
8/15/2024 10:02:00	47.0	36.4	-10.6	0.08	0.07	-0.01	0.4	SE
8/15/2024 10:03:00	47.6	38.4	-9.2	0.05	0.07	0.02	0.4	ENE
8/15/2024 10:04:00	48.9	38.8	-10.1	0.05	0.06	0.01	0.5	ESE
8/15/2024 10:05:00	47.6	39.4	-8.2	0.05	0.05	0.00	0.4	N
8/15/2024 10:06:00	46.7	39.4	-7.3	0.05	0.05	0.00	0.4	WSW
8/15/2024 10:07:00	42.5	39.3	-3.2	0.05	0.05	0.00	0.4	SE
8/15/2024 10:08:00	31.4	39.6	8.1	0.05	0.04	-0.01	0.4	ENE
8/15/2024 10:09:00	31.8	31.3	-0.6	0.05	0.04	0.00	0.4	SSE
8/15/2024 10:10:00	32.1	29.3	-2.8	0.04	0.04	0.00	0.5	SSE
8/15/2024 10:11:00	30.0	29.6	-0.3	0.04	0.04	0.00	0.4	NE
8/15/2024 10:12:00	27.7	30.0	2.2	0.03	0.03	0.01	0.4	NNE
8/15/2024 10:13:00	28.4	26.1	-2.2	0.03	0.02	0.00	0.5	SSE
8/15/2024 10:14:00	28.7	17.9	-10.8	0.02	0.01	-0.01	0.5	SE
8/15/2024 10:15:00	27.8	18.5	-9.3	0.02	0.01	-0.01	0.4	NNE
8/15/2024 10:16:00	24.7	21.4	-3.3	0.01	0.01	0.00	0.4	NE
8/15/2024 10:17:00	20.1	22.2	2.0	0.01	0.01	0.00	0.4	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
8/15/2024 10:18:00	20.0	21.3	1.3	0.01	0.01	0.00	0.3	NNW
8/15/2024 10:19:00	19.4	21.3	2.0	0.01	0.01	0.00	0.3	SE
8/15/2024 10:20:00	19.4	21.3	1.9	0.01	0.01	0.00	0.3	NW
8/15/2024 10:21:00	19.8	21.5	1.8	0.02	0.01	-0.01	0.3	S
8/15/2024 10:22:00	20.4	22.0	1.6	0.03	0.01	-0.02	0.2	W
8/15/2024 10:23:00	20.8	22.8	2.0	0.04	0.01	-0.03	0.2	N
8/15/2024 10:24:00	21.4	23.4	2.1	0.04	0.03	-0.01	0.2	SE
8/15/2024 10:25:00	21.6	24.7	3.0	0.05	0.03	-0.02	0.2	NE
8/15/2024 10:26:00	22.8	25.8	3.0	0.06	0.03	-0.03	0.1	WNW
8/15/2024 10:27:00	24.0	26.6	2.5	0.06	0.03	-0.03	0.1	NNW
8/15/2024 10:28:00	25.0	27.5	2.6	0.06	0.03	-0.03	0.1	SE
8/15/2024 10:29:00	25.8	28.4	2.6	0.06	0.03	-0.03	0.1	SSE
8/15/2024 10:30:00	26.5	28.8	2.3	0.06	0.04	-0.03	0.1	ENE
8/15/2024 10:31:00	26.4	26.6	0.2	0.06	0.04	-0.02	0.1	NNW
8/15/2024 10:32:00	25.0	26.2	1.3	0.06	0.04	-0.02	0.1	WNW
8/15/2024 10:33:00	25.1	25.2	0.1	0.06	0.04	-0.02	0.0	SSE
8/15/2024 10:34:00	24.4	25.2	0.8	0.06	0.04	-0.02	0.1	NE
8/15/2024 10:35:00	24.4	24.8	0.4	0.06	0.04	-0.02	0.1	SSW
8/15/2024 10:36:00	24.1	24.7	0.6	0.04	0.03	-0.01	0.1	SE
8/15/2024 10:37:00	23.7	24.4	0.7	0.03	0.03	0.00	0.3	S
8/15/2024 10:38:00	23.5	23.4	-0.1	0.02	0.03	0.01	0.4	SE
8/15/2024 10:39:00	22.6	22.9	0.3	0.02	0.01	-0.01	0.3	NW
8/15/2024 10:40:00	22.2	21.8	-0.4	0.01	0.01	0.01	0.2	WNW
8/15/2024 10:41:00	21.4	20.5	-0.9	0.00	0.01	0.01	0.3	SSW
8/15/2024 10:42:00	20.0	19.5	-0.6	0.00	0.01	0.01	0.4	WNW
8/15/2024 10:43:00	18.7	18.4	-0.4	0.00	0.01	0.01	0.3	SW
8/15/2024 10:44:00	17.9	17.5	-0.4	0.00	0.01	0.01	0.3	ESE
8/15/2024 10:45:00	17.5	16.5	-1.0	0.03	0.01	-0.02	0.3	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
8/15/2024 10:46:00	17.1	16.4	-0.7	0.03	0.04	0.01	0.3	E
8/15/2024 10:47:00	17.0	15.8	-1.2	0.07	0.04	-0.03	0.4	SSE
8/15/2024 10:48:00	16.8	15.8	-1.1	0.07	0.04	-0.04	0.4	SW
8/15/2024 10:49:00	17.0	15.5	-1.5	0.08	0.04	-0.04	0.6	S
8/15/2024 10:50:00	17.0	15.6	-1.4	0.08	0.04	-0.05	0.6	SSE
8/15/2024 10:51:00	17.1	15.7	-1.5	0.09	0.04	-0.05	0.6	SE
8/15/2024 10:52:00	17.1	16.0	-1.0	0.09	0.04	-0.05	0.4	N
8/15/2024 10:53:00	16.9	16.3	-0.6	0.10	0.04	-0.05	0.3	NNE
8/15/2024 10:54:00	17.1	16.4	-0.7	0.10	0.05	-0.05	0.4	SSE
8/15/2024 10:55:00	17.1	16.6	-0.6	0.10	0.05	-0.05	0.4	ENE
8/15/2024 10:56:00	17.1	17.2	0.1	0.10	0.05	-0.05	0.3	NW
8/15/2024 10:57:00	17.3	17.2	-0.1	0.10	0.05	-0.05	0.4	S
8/15/2024 10:58:00	17.3	17.3	0.0	0.10	0.05	-0.05	0.4	SE
8/15/2024 10:59:00	17.0	17.4	0.3	0.10	0.05	-0.05	0.4	N
8/15/2024 11:00:00	16.7	17.4	0.7	0.07	0.05	-0.02	0.4	NNE
8/15/2024 11:01:00	16.8	16.9	0.2	0.07	0.01	-0.06	0.4	SE
8/15/2024 11:02:00	16.8	17.0	0.2	0.04	0.01	-0.02	0.4	ESE
8/15/2024 11:03:00	16.7	17.0	0.3	0.03	0.01	-0.01	0.4	WSW
8/15/2024 11:04:00	16.6	17.0	0.5	0.02	0.01	-0.01	0.4	NNE
8/15/2024 11:05:00	16.5	17.0	0.5	0.02	0.01	0.00	0.4	ESE
8/15/2024 11:06:00	16.2	16.9	0.7	0.02	0.01	0.00	0.4	SSE
8/15/2024 11:07:00	16.1	16.6	0.4	0.01	0.01	0.00	0.3	W
8/15/2024 11:08:00	16.1	16.3	0.2	0.01	0.01	0.00	0.3	SW
8/15/2024 11:09:00	15.8	16.1	0.2	0.01	0.00	0.00	0.3	SSE
8/15/2024 11:10:00	15.7	15.9	0.1	0.00	0.00	0.00	0.4	E
8/15/2024 11:11:00	15.5	15.2	-0.3	0.00	0.00	0.00	0.5	ESE
8/15/2024 11:12:00	15.3	15.5	0.2	0.00	0.00	0.00	0.4	N
8/15/2024 11:13:00	15.8	15.5	-0.3	0.00	0.00	0.00	0.4	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
8/15/2024 11:14:00	15.8	15.5	-0.3	0.00	0.00	0.00	0.5	SE
8/15/2024 11:15:00	15.8	15.5	-0.3	0.00	0.00	0.00	0.6	SE
8/15/2024 11:16:00	15.7	15.5	-0.3	0.00	0.00	0.00	0.5	SSE
8/15/2024 11:17:00	15.5	15.4	-0.1	0.00	0.00	0.00	0.5	SE
8/15/2024 11:18:00	15.3	15.3	0.0	0.00	0.00	0.00	0.5	NNE
8/15/2024 11:19:00	15.6	15.3	-0.3	0.00	0.00	0.00	0.6	ESE
8/15/2024 11:20:00	16.5	15.3	-1.2	0.00	0.00	0.00	0.6	SSW
8/15/2024 11:21:00	16.7	15.3	-1.4	0.00	0.00	0.00	0.6	ESE
8/15/2024 11:22:00	16.9	15.3	-1.6	0.00	0.00	0.00	0.7	SE
8/15/2024 11:23:00	17.0	15.3	-1.7	0.00	0.00	0.00	0.7	ESE
8/15/2024 11:24:00	17.1	15.3	-1.8	0.00	0.00	0.00	0.7	SE
8/15/2024 11:25:00	17.2	15.4	-1.8	0.00	0.00	0.00	0.7	SE
8/15/2024 11:26:00	17.3	16.6	-0.7	0.00	0.00	0.00	0.6	N
8/15/2024 11:27:00	17.3	17.6	0.3	0.00	0.00	0.00	0.7	NE
8/15/2024 11:28:00	16.9	17.5	0.6	0.00	0.00	0.00	0.6	SE
8/15/2024 11:29:00	16.9	17.4	0.5	0.00	0.00	0.00	0.6	SE
8/15/2024 11:30:00	16.9	17.4	0.5	0.00	0.00	0.00	0.5	SW
8/15/2024 11:31:00	17.0	17.3	0.4	0.00	0.00	0.00	0.5	SE
8/15/2024 11:32:00	17.1	17.5	0.4	0.00	0.00	0.00	0.5	ESE
8/15/2024 11:33:00	18.4	17.5	-0.9	0.01	0.00	-0.01	0.6	ESE
8/15/2024 11:34:00	18.9	17.6	-1.3	0.01	0.00	-0.01	0.6	SE
8/15/2024 11:35:00	18.3	17.6	-0.7	0.02	0.00	-0.02	0.5	SW
8/15/2024 11:36:00	18.0	17.7	-0.4	0.02	0.00	-0.02	0.5	ENE
8/15/2024 11:37:00	17.9	17.6	-0.3	0.02	0.00	-0.02	0.5	SE
8/15/2024 11:38:00	17.9	17.6	-0.4	0.02	0.00	-0.02	0.5	ESE
8/15/2024 11:39:00	17.9	17.5	-0.4	0.02	0.00	-0.02	0.5	SE
8/15/2024 11:40:00	17.8	17.4	-0.4	0.02	0.00	-0.02	0.5	ESE
8/15/2024 11:41:00	17.8	16.2	-1.6	0.02	0.00	-0.02	0.6	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
8/15/2024 11:42:00	17.8	14.7	-3.1	0.02	0.00	-0.02	0.6	SE
8/15/2024 11:43:00	17.6	14.5	-3.1	0.02	0.00	-0.02	0.7	SE
8/15/2024 11:44:00	17.2	14.4	-2.9	0.02	0.00	-0.02	0.6	NNE
8/15/2024 11:45:00	17.0	14.2	-2.8	0.02	0.00	-0.02	0.5	NW
8/15/2024 11:46:00	16.8	14.1	-2.8	0.02	0.00	-0.02	0.4	WNW
8/15/2024 11:47:00	16.5	13.8	-2.8	0.02	0.00	-0.02	0.3	WNW
8/15/2024 11:48:00	15.1	13.4	-1.6	0.01	0.00	-0.01	0.3	SE
8/15/2024 11:49:00	14.1	13.3	-0.8	0.00	0.00	0.00	0.3	SE
8/15/2024 11:50:00	13.7	13.1	-0.5	0.00	0.00	0.00	0.4	S
8/15/2024 11:51:00	13.7	12.8	-0.9	0.00	0.00	0.00	0.4	SE
8/15/2024 11:52:00	13.6	12.7	-0.8	0.00	0.00	0.00	0.4	SSW
8/15/2024 11:53:00	13.3	12.6	-0.7	0.00	0.00	0.00	0.3	NW
8/15/2024 11:54:00	13.2	12.5	-0.7	0.00	0.00	0.00	0.2	WNW
8/15/2024 11:55:00	13.1	12.5	-0.6	0.00	0.00	0.00	0.2	SSE
8/15/2024 11:56:00	13.1	12.5	-0.5	0.00	0.00	0.00	0.2	SE
8/15/2024 11:57:00	12.9	12.8	-0.2	0.00	0.00	0.00	0.2	W
8/15/2024 11:58:00	12.8	12.9	0.1	0.00	0.00	0.00	0.3	SW
8/15/2024 11:59:00	12.9	12.9	0.0	0.00	0.00	0.00	0.4	SSW
8/15/2024 12:00:00	13.1	13.1	0.0	0.00	0.00	0.00	0.4	SE
8/15/2024 12:01:00	13.1	13.3	0.1	0.00	0.00	0.00	0.6	SSE
8/15/2024 12:02:00	13.2	13.5	0.3	0.00	0.00	0.00	0.7	S
8/15/2024 12:03:00	13.2	13.7	0.4	0.00	0.00	0.00	0.7	SSE
8/15/2024 12:04:00	13.3	13.8	0.5	0.00	0.00	0.00	0.8	SE
8/15/2024 12:05:00	13.4	13.8	0.5	0.00	0.00	0.00	0.8	SE
8/15/2024 12:06:00	13.3	13.9	0.7	0.00	0.00	0.00	0.7	NE
8/15/2024 12:07:00	13.3	14.0	0.7	0.00	0.00	0.00	0.7	ESE
8/15/2024 12:08:00	13.3	14.0	0.7	0.00	0.00	0.00	0.8	SE
8/15/2024 12:09:00	13.3	14.0	0.7	0.00	0.00	0.00	0.9	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
8/15/2024 12:10:00	13.3	14.0	0.7	0.00	0.00	0.00	0.9	E
8/15/2024 12:11:00	13.3	14.0	0.7	0.00	0.00	0.00	0.9	SE
8/15/2024 12:12:00	13.3	13.8	0.5	0.00	0.00	0.00	1.0	SE
8/15/2024 12:13:00	13.4	13.8	0.4	0.00	0.00	0.00	1.0	ESE
8/15/2024 12:14:00	13.4	13.9	0.5	0.00	0.00	0.00	0.9	NNW
8/15/2024 12:15:00	13.5	13.9	0.5	0.00	0.00	0.00	0.8	S
8/15/2024 12:16:00	13.4	13.9	0.5	0.00	0.00	0.00	0.8	SSE
8/15/2024 12:17:00	13.4	13.9	0.5	0.00	0.00	0.00	0.8	SSE
8/15/2024 12:18:00	13.4	14.1	0.7	0.00	0.00	0.00	0.8	SSE
8/15/2024 12:19:00	13.4	14.3	0.9	0.00	0.00	0.00	0.8	SE
8/15/2024 12:20:00	13.4	14.4	1.0	0.01	0.00	-0.01	0.7	ESE
8/15/2024 12:21:00	13.5	14.6	1.1	0.01	0.00	-0.01	0.8	SSE
8/15/2024 12:22:00	13.7	14.8	1.2	0.01	0.00	-0.01	0.8	SE
8/15/2024 12:23:00	13.7	14.9	1.3	0.01	0.00	-0.01	0.8	SE
8/15/2024 12:24:00	13.8	15.1	1.3	0.01	0.00	-0.01	0.8	SE
8/15/2024 12:25:00	13.8	15.4	1.7	0.01	0.00	-0.01	0.8	SSE
8/15/2024 12:26:00	13.7	15.6	2.0	0.01	0.00	-0.01	0.8	SW
8/15/2024 12:27:00	13.5	15.7	2.1	0.01	0.00	-0.01	0.8	SW
8/15/2024 12:28:00	13.5	15.7	2.3	0.01	0.00	-0.01	0.8	S
8/15/2024 12:29:00	13.4	15.8	2.4	0.01	0.00	-0.01	0.9	SSE
8/15/2024 12:30:00	13.6	16.0	2.4	0.01	0.00	-0.01	1.0	ESE
8/15/2024 12:31:00	13.9	16.1	2.2	0.01	0.00	-0.01	1.0	SE
8/15/2024 12:32:00	14.3	16.2	2.0	0.01	0.00	-0.01	1.0	SSE
8/15/2024 12:33:00	14.4	16.3	1.9	0.01	0.00	-0.01	1.0	S
8/15/2024 12:34:00	14.6	16.2	1.6	0.01	0.00	-0.01	0.9	WSW
8/15/2024 12:35:00	14.8	16.1	1.4	0.00	0.00	0.00	0.8	NW
8/15/2024 12:36:00	14.7	16.1	1.4	0.00	0.00	0.00	0.8	SE
8/15/2024 12:37:00	14.8	16.0	1.2	0.00	0.00	0.00	0.7	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
8/15/2024 12:38:00	14.9	15.9	1.0	0.00	0.00	0.00	0.5	N
8/15/2024 12:39:00	14.8	15.9	1.1	0.00	0.00	0.00	0.5	SE
8/15/2024 12:40:00	14.9	15.7	0.7	0.00	0.00	0.00	0.6	SE
8/15/2024 12:41:00	15.1	15.5	0.4	0.00	0.00	0.00	0.7	SE
8/15/2024 12:42:00	15.3	15.6	0.2	0.00	0.00	0.00	0.8	ESE
8/15/2024 12:43:00	15.4	15.9	0.4	0.00	0.00	0.00	0.8	SE
8/15/2024 12:44:00	15.5	15.9	0.4	0.00	0.01	0.01	0.7	ESE
8/15/2024 12:45:00	15.3	15.7	0.4	0.00	0.02	0.02	0.7	SE
8/15/2024 12:46:00	14.8	15.4	0.5	0.00	0.02	0.02	0.7	ESE
8/15/2024 12:47:00	14.5	15.1	0.5	0.00	0.02	0.02	0.5	N
8/15/2024 12:48:00	14.6	14.8	0.2	0.00	0.02	0.02	0.6	ESE
8/15/2024 12:49:00	14.5	14.8	0.3	0.00	0.03	0.02	0.6	SE
8/15/2024 12:50:00	14.4	14.8	0.4	0.00	0.03	0.02	0.7	E
8/15/2024 12:51:00	14.7	14.9	0.2	0.00	0.03	0.02	0.7	SE
8/15/2024 12:52:00	14.7	15.3	0.6	0.00	0.03	0.02	0.8	SSE
8/15/2024 12:53:00	14.7	15.3	0.6	0.00	0.03	0.02	0.8	WNW
8/15/2024 12:54:00	14.7	15.5	0.9	0.00	0.03	0.03	0.6	WNW
8/15/2024 12:55:00	14.8	16.3	1.5	0.00	0.03	0.03	0.4	W
8/15/2024 12:56:00	15.1	16.5	1.4	0.01	0.03	0.03	0.3	NW
8/15/2024 12:57:00	15.2	16.7	1.4	0.01	0.03	0.02	0.2	NNW
8/15/2024 12:58:00	15.3	16.5	1.2	0.02	0.03	0.02	0.0	WNW
8/15/2024 12:59:00	15.6	16.4	0.8	0.02	0.02	0.01	0.1	W
8/15/2024 13:00:00	15.8	16.8	1.0	0.02	0.01	-0.01	0.3	WNW
8/15/2024 13:01:00	15.9	17.1	1.2	0.02	0.01	-0.01	0.4	WNW
8/15/2024 13:02:00	17.4	17.5	0.1	0.02	0.01	-0.01	0.3	ENE
8/15/2024 13:03:00	18.6	17.6	-1.0	0.01	0.01	-0.01	0.4	NNW
8/15/2024 13:04:00	18.8	17.5	-1.3	0.01	0.01	-0.01	0.5	NW
8/15/2024 13:05:00	18.6	17.4	-1.2	0.01	0.01	-0.01	0.6	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
8/15/2024 13:06:00	18.5	17.0	-1.4	0.01	0.01	-0.01	0.6	SE
8/15/2024 13:07:00	18.6	16.6	-2.0	0.01	0.01	-0.01	0.5	ESE
8/15/2024 13:08:00	18.6	16.5	-2.1	0.01	0.01	-0.01	0.4	SE
8/15/2024 13:09:00	18.6	16.4	-2.1	0.01	0.01	-0.01	0.3	NNW
8/15/2024 13:10:00	18.4	15.7	-2.7	0.01	0.00	-0.01	0.3	E
8/15/2024 13:11:00	18.1	15.4	-2.6	0.01	0.00	-0.01	0.2	SE
8/15/2024 13:12:00	17.8	15.2	-2.6	0.00	0.00	0.00	0.1	SE
8/15/2024 13:13:00	17.8	15.1	-2.8	0.00	0.00	0.00	0.1	W
8/15/2024 13:14:00	18.1	15.1	-3.0	0.00	0.00	0.00	0.1	WSW
8/15/2024 13:15:00	18.4	14.8	-3.6	0.00	0.00	0.00	0.2	SSE
8/15/2024 13:16:00	18.7	14.7	-4.0	0.00	0.00	0.00	0.2	SW
8/15/2024 13:17:00	17.3	14.5	-2.8	0.00	0.00	0.00	0.3	SSW
8/15/2024 13:18:00	15.9	14.5	-1.5	0.00	0.00	0.00	0.4	SSE
8/15/2024 13:19:00	15.7	14.5	-1.3	0.00	0.00	0.00	0.6	ESE
8/15/2024 13:20:00	15.7	14.4	-1.3	0.00	0.00	0.00	0.7	SE
8/15/2024 13:21:00	15.5	14.5	-1.1	0.00	0.00	0.00	0.7	ESE
8/15/2024 13:22:00	15.3	14.7	-0.7	0.00	0.00	0.00	0.7	SE
8/15/2024 13:23:00	15.3	14.8	-0.5	0.00	0.00	0.00	0.7	SE
8/15/2024 13:24:00	15.5	14.6	-0.9	0.00	0.00	0.00	0.8	ENE
8/15/2024 13:25:00	15.5	14.5	-1.0	0.00	0.00	0.00	0.8	SE
8/15/2024 13:26:00	15.4	14.4	-1.0	0.00	0.00	0.00	0.8	ESE
8/15/2024 13:27:00	15.3	14.3	-1.0	0.00	0.00	0.00	0.8	SE
8/15/2024 13:28:00	15.2	14.2	-1.0	0.00	0.00	0.00	0.9	SSE
8/15/2024 13:29:00	14.5	14.2	-0.3	0.00	0.00	0.00	1.0	SE
8/15/2024 13:30:00	14.2	14.0	-0.1	0.00	0.00	0.00	1.0	N
8/15/2024 13:31:00	13.7	13.9	0.2	0.00	0.00	0.00	1.0	E
8/15/2024 13:32:00	13.6	13.9	0.3	0.00	0.00	0.00	1.0	SE
8/15/2024 13:33:00	13.5	13.8	0.3	0.00	0.00	0.00	0.9	NNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
8/15/2024 13:34:00	13.5	13.8	0.3	0.00	0.00	0.00	0.7	NW
8/15/2024 13:35:00	13.5	13.8	0.3	0.00	0.00	0.00	0.4	NW
8/15/2024 13:36:00	13.5	13.7	0.1	0.01	0.01	0.00	0.2	NW
8/15/2024 13:37:00	13.5	13.4	0.0	0.01	0.01	0.00	0.1	WNW
8/15/2024 13:38:00	13.3	13.2	0.0	0.01	0.01	0.00	0.2	WNW
8/15/2024 13:39:00	13.9	13.2	-0.7	0.01	0.01	0.00	0.1	SE
8/15/2024 13:40:00	13.8	14.9	1.1	0.01	0.01	0.00	0.1	ESE
8/15/2024 13:41:00	14.6	14.8	0.3	0.01	0.01	0.00	0.2	WSW
8/15/2024 13:42:00	14.9	14.9	0.0	0.01	0.01	0.01	0.3	SSW
8/15/2024 13:43:00	14.9	14.9	0.1	0.01	0.02	0.01	0.4	W
8/15/2024 13:44:00	15.0	14.8	-0.1	0.01	0.02	0.01	0.5	S
8/15/2024 13:45:00	14.9	14.7	-0.2	0.01	0.02	0.01	0.5	SSW
8/15/2024 13:46:00	14.9	14.5	-0.4	0.01	0.02	0.01	0.5	SSW
8/15/2024 13:47:00	14.9	14.4	-0.5	0.01	0.02	0.01	0.6	SSW
8/15/2024 13:48:00	14.9	14.4	-0.5	0.01	0.02	0.01	0.5	SE
8/15/2024 13:49:00	14.9	14.4	-0.6	0.01	0.02	0.01	0.5	SW
8/15/2024 13:50:00	14.9	14.5	-0.4	0.02	0.02	0.00	0.5	NW
8/15/2024 13:51:00	15.1	14.6	-0.6	0.01	0.02	0.01	0.5	SSE
8/15/2024 13:52:00	15.3	14.7	-0.7	0.01	0.02	0.01	0.6	SSE
8/15/2024 13:53:00	15.8	14.8	-1.0	0.01	0.02	0.01	0.7	S
8/15/2024 13:54:00	15.1	15.0	-0.1	0.01	0.02	0.01	0.7	E
8/15/2024 13:55:00	15.4	13.3	-2.1	0.01	0.02	0.01	0.7	ESE
8/15/2024 13:56:00	14.6	13.4	-1.2	0.01	0.02	0.01	0.7	SE
8/15/2024 13:57:00	14.3	13.4	-0.9	0.01	0.02	0.01	0.8	SE
8/15/2024 13:58:00	14.3	13.3	-1.0	0.01	0.01	0.00	0.8	S
8/15/2024 13:59:00	14.2	13.3	-0.9	0.01	0.01	0.00	0.8	E
8/15/2024 14:00:00	14.2	13.4	-0.8	0.02	0.01	-0.01	0.7	NW
8/15/2024 14:01:00	14.3	13.4	-0.8	0.03	0.01	-0.01	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
8/15/2024 14:02:00	14.3	13.4	-0.8	0.03	0.01	-0.01	0.9	ESE
8/15/2024 14:03:00	14.2	13.4	-0.8	0.03	0.01	-0.01	0.9	SE
8/15/2024 14:04:00	14.1	13.4	-0.8	0.03	0.01	-0.01	1.0	E
8/15/2024 14:05:00	14.1	13.3	-0.9	0.02	0.01	0.00	1.1	E
8/15/2024 14:06:00	14.0	13.2	-0.7	0.02	0.01	-0.01	1.0	ESE
8/15/2024 14:07:00	13.7	13.2	-0.5	0.02	0.00	-0.01	1.0	SE
8/15/2024 14:08:00	13.3	13.0	-0.3	0.02	0.00	-0.01	1.0	NE
8/15/2024 14:09:00	13.1	12.8	-0.3	0.02	0.00	-0.01	0.9	NE
8/15/2024 14:10:00	12.8	12.6	-0.2	0.02	0.00	-0.01	0.8	S
8/15/2024 14:11:00	12.8	12.7	-0.1	0.02	0.00	-0.01	0.8	SE
8/15/2024 14:12:00	13.1	12.7	-0.3	0.02	0.00	-0.01	0.8	SE
8/15/2024 14:13:00	13.1	12.9	-0.2	0.02	0.00	-0.01	0.7	W
8/15/2024 14:14:00	13.4	13.1	-0.4	0.02	0.00	-0.01	0.6	NW
8/15/2024 14:15:00	13.5	13.2	-0.3	0.01	0.00	-0.01	0.8	SE
8/15/2024 14:16:00	13.4	13.2	-0.3	0.00	0.00	0.00	0.7	SE
8/15/2024 14:17:00	13.5	13.1	-0.4	0.00	0.00	0.00	0.4	WSW
8/15/2024 14:18:00	13.6	13.1	-0.5	0.00	0.01	0.01	0.4	SE
8/15/2024 14:19:00	13.5	13.2	-0.3	0.00	0.01	0.00	0.4	E
8/15/2024 14:20:00	13.5	13.2	-0.3	0.01	0.01	0.00	0.3	NW
8/15/2024 14:21:00	13.5	13.2	-0.3	0.01	0.01	0.00	0.3	SE
8/15/2024 14:22:00	13.5	13.2	-0.3	0.01	0.01	0.00	0.3	SSW
8/15/2024 14:23:00	13.6	13.2	-0.3	0.01	0.01	0.00	0.4	ESE
8/15/2024 14:24:00	13.6	13.2	-0.3	0.01	0.01	0.00	0.5	SE
8/15/2024 14:25:00	13.6	13.3	-0.3	0.01	0.01	0.00	0.4	NNE
8/15/2024 14:26:00	13.6	13.3	-0.3	0.01	0.01	0.00	0.5	ESE
8/15/2024 14:27:00	13.3	13.3	0.0	0.01	0.01	0.00	0.5	SE
8/15/2024 14:28:00	13.1	13.1	0.0	0.01	0.01	0.00	0.7	ESE
8/15/2024 14:29:00	12.8	12.9	0.1	0.01	0.01	0.00	0.9	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
8/15/2024 14:30:00	12.7	12.8	0.1	0.01	0.01	0.00	0.9	ESE
8/15/2024 14:31:00	12.9	13.0	0.1	0.01	0.01	0.00	0.9	SE
8/15/2024 14:32:00	12.9	13.1	0.2	0.01	0.01	0.00	1.0	ESE
8/15/2024 14:33:00	12.9	13.2	0.2	0.01	0.00	-0.01	0.8	NW
8/15/2024 14:34:00	12.9	13.1	0.2	0.01	0.00	-0.01	0.7	NW
8/15/2024 14:35:00	12.9	13.2	0.2	0.02	0.00	-0.02	0.7	NW
8/15/2024 14:36:00	12.9	13.1	0.2	0.02	0.00	-0.02	0.6	NNW
8/15/2024 14:37:00	12.8	13.1	0.3	0.03	0.00	-0.03	0.5	WNW
8/15/2024 14:38:00	12.7	13.2	0.4	0.03	0.00	-0.03	0.5	NNE
8/15/2024 14:39:00	12.8	13.1	0.3	0.03	0.00	-0.03	0.5	ESE
8/15/2024 14:40:00	12.8	13.1	0.2	0.03	0.00	-0.03	0.5	SSE
8/15/2024 14:41:00	12.8	13.2	0.4	0.03	0.01	-0.02	0.4	NNW
8/15/2024 14:42:00	12.8	13.2	0.3	0.04	0.01	-0.03	0.3	S
8/15/2024 14:43:00	12.8	13.2	0.3	0.04	0.01	-0.03	0.2	WNW
8/15/2024 14:44:00	12.9	13.2	0.3	0.04	0.01	-0.03	0.2	NW
8/15/2024 14:45:00	12.9	13.1	0.2	0.04	0.01	-0.03	0.4	NW
8/15/2024 14:46:00	12.7	12.9	0.2	0.04	0.01	-0.02	0.5	WNW
8/15/2024 14:47:00	12.6	12.8	0.2	0.04	0.01	-0.03	0.6	NNW
8/15/2024 14:48:00	12.7	12.8	0.1	0.03	0.01	-0.02	0.4	SSE
8/15/2024 14:49:00	12.8	12.8	0.0	0.03	0.01	-0.01	0.2	SSE
8/15/2024 14:50:00	12.8	12.8	0.0	0.02	0.01	-0.01	0.0	SSE
8/15/2024 14:51:00	12.9	12.9	0.0	0.02	0.01	0.00	0.1	SSE
8/15/2024 14:52:00	13.0	13.0	0.0	0.01	0.01	0.00	0.3	SSE
8/15/2024 14:53:00	13.1	13.0	-0.1	0.01	0.01	0.01	0.5	SSE
8/15/2024 14:54:00	13.4	13.1	-0.3	0.01	0.01	0.01	0.5	SSW
8/15/2024 14:55:00	13.4	13.2	-0.3	0.01	0.01	0.01	0.5	SSW
8/15/2024 14:56:00	13.5	13.0	-0.5	0.01	0.01	0.00	0.6	SSE
8/15/2024 14:57:00	13.5	13.1	-0.5	0.01	0.01	0.00	0.5	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
8/15/2024 14:58:00	13.6	13.1	-0.5	0.01	0.01	0.00	0.6	SE
8/15/2024 14:59:00	13.7	13.1	-0.6	0.01	0.01	0.00	0.7	SE
8/15/2024 15:00:00	13.8	13.1	-0.7	0.01	0.01	0.00	0.8	SE
8/15/2024 15:01:00	13.9	13.0	-0.9	0.01	0.00	0.00	0.9	SE
8/15/2024 15:02:00	14.1	12.9	-1.2	0.00	0.00	0.00	1.1	SE
8/15/2024 15:03:00	14.2	12.9	-1.3	0.00	0.00	0.00	1.1	SE
8/15/2024 15:04:00	14.1	13.1	-1.0	0.00	0.00	0.00	0.9	NW
8/15/2024 15:05:00	14.1	13.3	-0.8	0.00	0.00	0.00	0.8	WNW
8/15/2024 15:06:00	14.1	13.7	-0.4	0.00	0.00	0.00	0.7	ENE
8/15/2024 15:07:00	14.0	13.7	-0.3	0.00	0.00	0.00	0.6	WNW