

DAILY FIELD REPORT 251

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	July 23, 2024
Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	7:00 am to 3:45 pm
Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)		Langan Field Personnel: Kiki Wallick (Environmental)	
Construction Manager: Consigli Construction Co., Inc. (Consigli)			
Foundation Contractor: Urban Foundation/Engineering (Urban)			

Work Activities Performed:

- Urban excavated an about 10-foot-long by 5-foot-wide area to 10 feet below grade surface (bgs) in the central part of grid WC04 and an about 10-foot-long by 5-foot-wide area to 5 feet bgs in the western part of grid WC04 as part of the remedial excavation of the former underground storage tank (UST). Excavated material consisted of non-native soil; odors staining, elevated photoionization detector (PID) readings, or other evidence of a release were not observed. The excavated non-native soil was live-loaded into trucks for off-site disposal.
- Urban backfilled an about 15-foot-long by 15-foot-wide area in grid WC04 to about 5 feet bgs with imported clean sand from the North American Aggregate Mining Operations.
- Urban stockpiled imported clean sand from the North American Aggregate Mining Operations in the western part of grid WC04.
- Urban used hand tools to drill into concrete slabs in the southwestern part of the site for the installation of rebar.

Material Tracking:

- The following soil/fill was exported from the site:
 - 6 loads of soil/fill from waste characterization grids WC04_0-5 and WC04_5-10 were exported for off-site disposal at the Clean Earth of Carteret LLC facility in Carteret, NJ.
- The following materials were imported to the site:
 - 4 loads of pipe sand from the North American Aggregate Mining Operations located in Amboy, NJ were 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	-	6	120	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	-	4	68
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)
	6	120	0	-	3	60	31	527
Approved Quantity	-	500	-	500	-	200	-	600

Samples Collected:

- Langan collected three confirmation endpoint samples (Sample IDs: UST_RE_EPS14_el_1, UST_RE_EPB14_el_3, and UST_RE_EPB15_el_3) from the sidewall and base of the remedial excavation in the southern part of the site to be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) (including 1,4-dioxane via Method 8270-SIM), polychlorinated biphenyls (PCBs), pesticides, herbicides, metals (including trivalent and hexavalent chromium), and total cyanide.

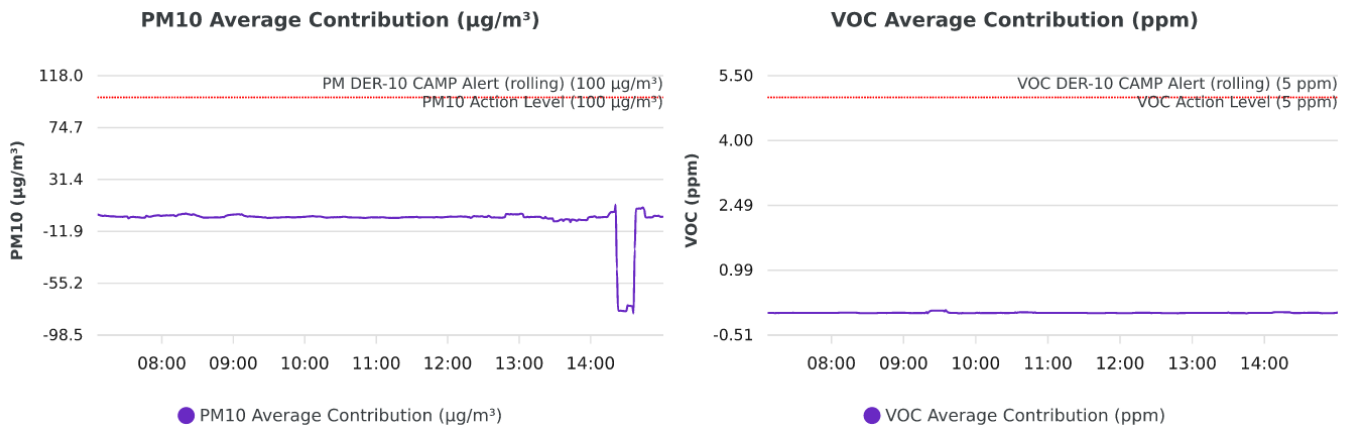
Air Monitoring:

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	28.7	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-80.5	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	10.4	VOC Average Site Contribution (Maximum)	0.06

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

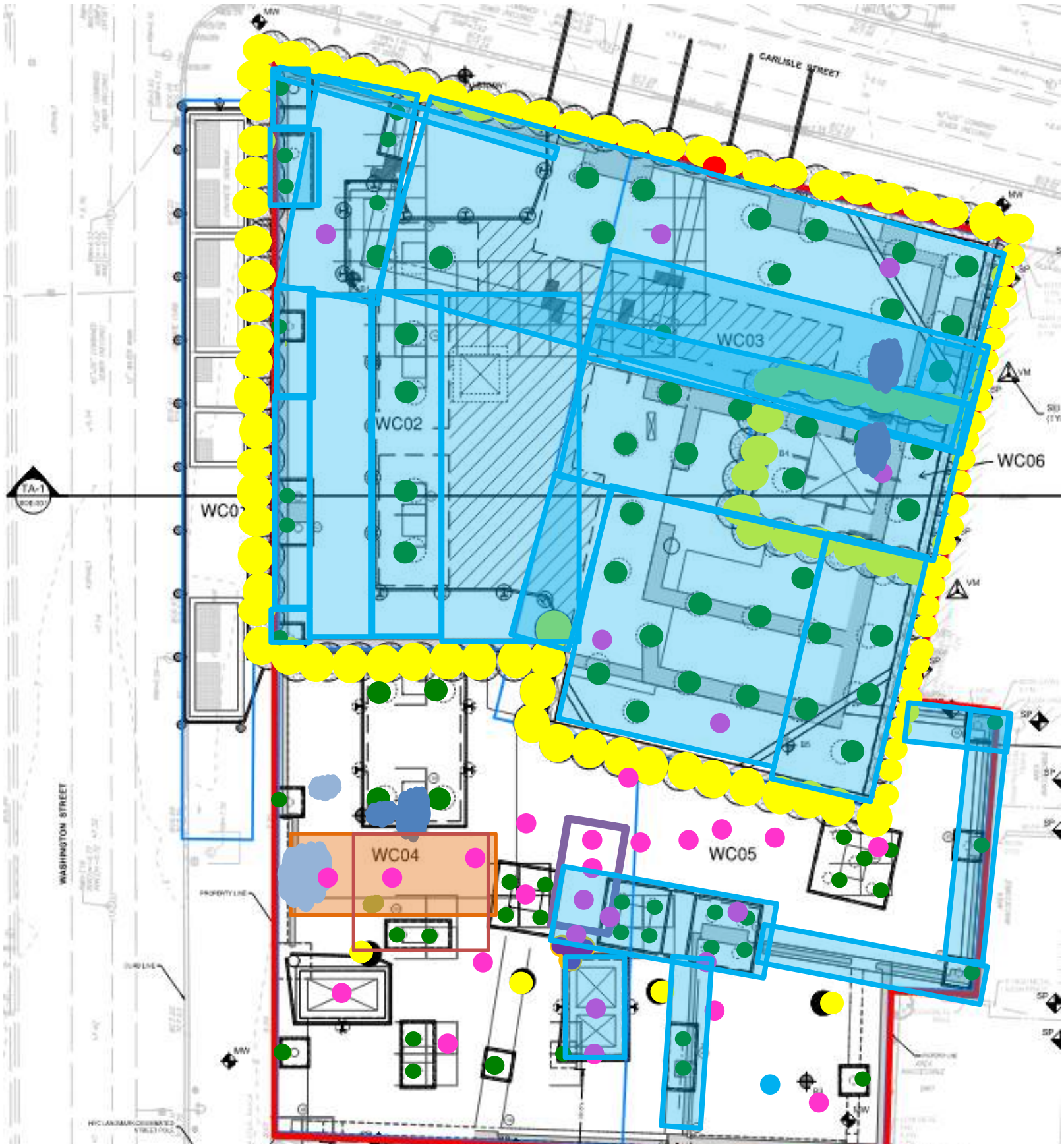
ppm: parts per million.



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.
- Urban will export non-hazardous soil/fill and import clean backfill.

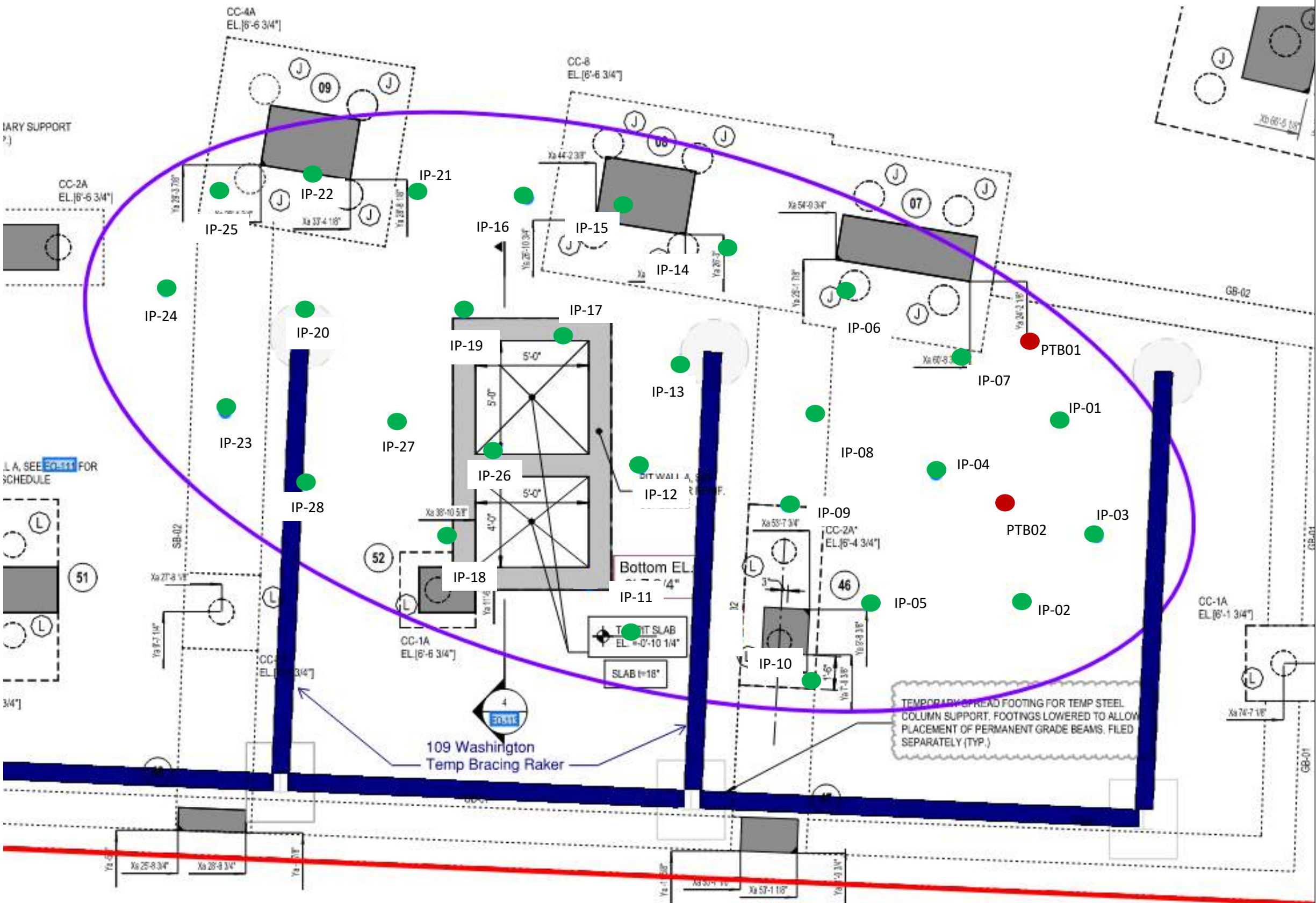
SITE PLAN



- 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 live-loading truck in the southwestern part of the site (facing northwest).



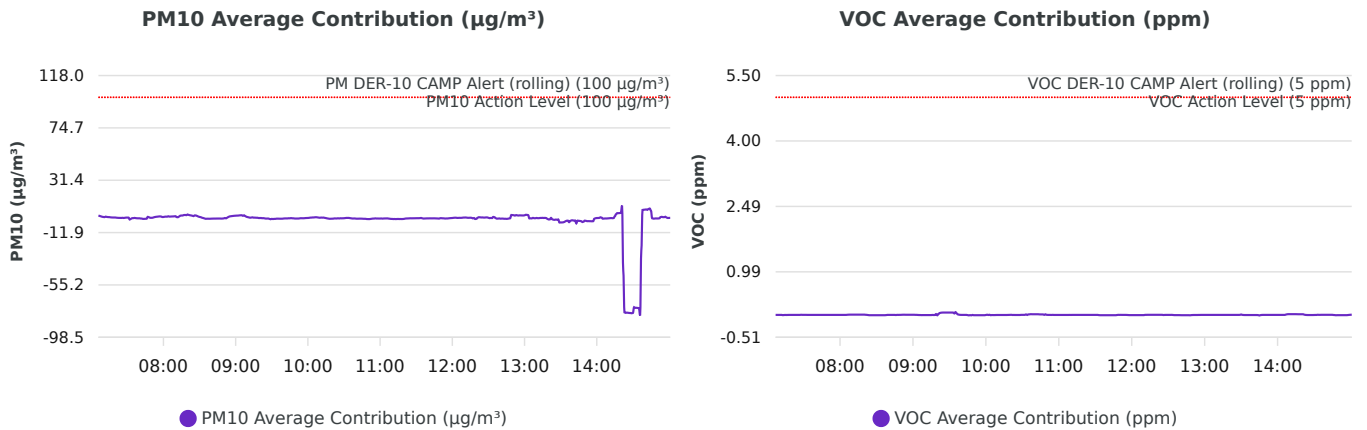
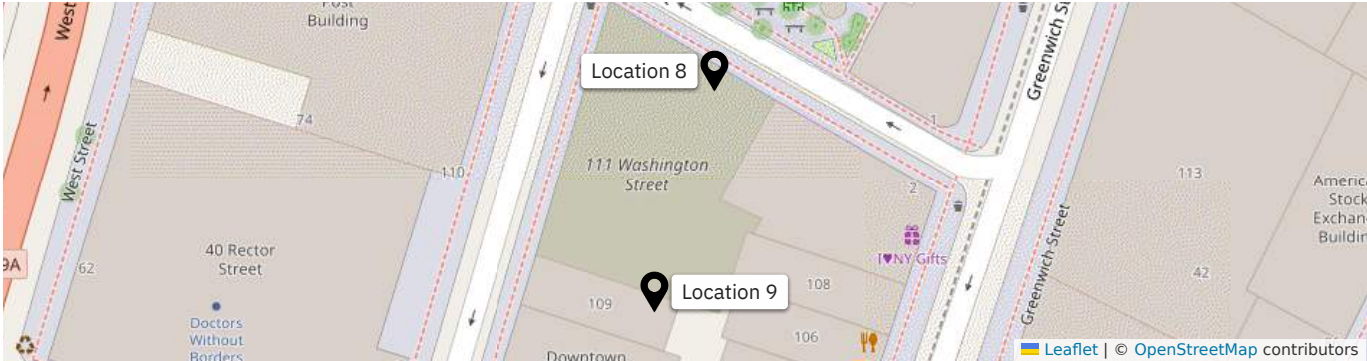
Photo 2: View of Urban backfilling in the western part of the site (facing east).



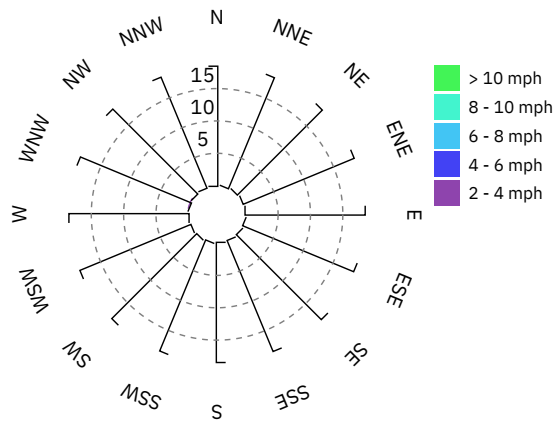
	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	7/23/2024 00:00
		To:	7/23/2024 23:59
		PM10 Action Level:	100.0 µg/m³
		VOC Action Level:	5.00 ppm

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
7/23/2024	0.2-2.2	S

Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 7/23/2024	-80.5	14:36	-0.01	13:45
Max Contribution (15 min avg.) - 7/23/2024	10.4	14:21	0.06	09:35



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
7/23/2024 07:05:00							0.4	NNE
7/23/2024 07:06:00	28.7	30.9	2.2				0.3	ESE
7/23/2024 07:07:00	26.3	28.1	1.9	0.00	0.00	0.00	0.1	WNW
7/23/2024 07:08:00	24.1	25.7	1.6	0.00	0.00	0.00	0.2	ENE
7/23/2024 07:09:00	23.0	24.2	1.2	0.00	0.00	0.00	0.2	SE
7/23/2024 07:10:00	22.3	23.3	1.0	0.00	0.00	0.00	0.3	SE
7/23/2024 07:11:00	21.9	22.7	0.9	0.00	0.00	0.00	0.4	ESE
7/23/2024 07:12:00	21.0	22.3	1.3	0.00	0.00	0.00	0.3	NW
7/23/2024 07:13:00	20.3	21.3	1.1	0.01	0.00	-0.01	0.2	WNW
7/23/2024 07:14:00	19.7	20.6	0.9	0.01	0.00	0.00	0.2	SE
7/23/2024 07:15:00	19.1	20.0	0.9	0.00	0.00	0.00	0.3	E
7/23/2024 07:16:00	18.7	19.4	0.7	0.01	0.00	0.00	0.2	SSW
7/23/2024 07:17:00	18.3	18.9	0.6	0.01	0.00	0.00	0.3	ESE
7/23/2024 07:18:00	17.9	18.5	0.6	0.00	0.00	0.00	0.3	SE
7/23/2024 07:19:00	17.6	18.1	0.6	0.00	0.00	0.00	0.3	NE
7/23/2024 07:20:00	17.2	17.8	0.6	0.00	0.00	0.00	0.2	NNW
7/23/2024 07:21:00	16.2	16.6	0.4	0.00	0.00	0.00	0.2	NNW
7/23/2024 07:22:00	15.5	15.8	0.3	0.00	0.00	0.00	0.2	ESE
7/23/2024 07:23:00	15.0	15.3	0.3	0.00	0.00	0.00	0.2	SE
7/23/2024 07:24:00	14.5	14.8	0.3	0.00	0.00	0.00	0.2	SSW
7/23/2024 07:25:00	14.0	14.3	0.2	0.00	0.00	0.00	0.2	ESE
7/23/2024 07:26:00	13.7	14.1	0.3	0.00	0.00	0.00	0.2	ESE
7/23/2024 07:27:00	13.4	13.6	0.2	0.00	0.00	0.00	0.3	ESE
7/23/2024 07:28:00	13.1	13.5	0.3	0.00	0.00	0.00	0.3	SE
7/23/2024 07:29:00	12.8	13.3	0.5	0.00	0.00	0.00	0.3	SE
7/23/2024 07:30:00	12.6	13.1	0.5	0.00	0.00	0.00	0.3	SE
7/23/2024 07:31:00	12.6	13.1	0.5	0.00	0.00	0.00	0.4	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
7/23/2024 07:32:00	14.2	13.1	-1.1	0.00	0.00	0.00	0.3	SW
7/23/2024 07:33:00	14.2	13.7	-0.5	0.00	0.00	0.00	0.3	WSW
7/23/2024 07:34:00	14.1	14.2	0.0	0.00	0.00	0.00	0.3	SSW
7/23/2024 07:35:00	13.9	14.0	0.1	0.00	0.00	0.00	0.3	WSW
7/23/2024 07:36:00	13.6	13.8	0.2	0.00	0.00	0.00	0.4	NW
7/23/2024 07:37:00	13.3	13.4	0.1	0.00	0.00	0.00	0.4	SSE
7/23/2024 07:38:00	13.2	13.1	-0.1	0.00	0.00	0.00	0.4	S
7/23/2024 07:39:00	13.0	12.9	-0.1	0.00	0.00	0.00	0.4	S
7/23/2024 07:40:00	12.8	12.7	-0.1	0.00	0.00	0.00	0.4	WSW
7/23/2024 07:41:00	12.6	12.3	-0.3	0.00	0.00	0.00	0.4	ESE
7/23/2024 07:42:00	12.4	12.2	-0.3	0.00	0.00	0.00	0.4	SSE
7/23/2024 07:43:00	12.5	11.9	-0.6	0.00	0.00	0.00	0.3	NNW
7/23/2024 07:44:00	12.4	11.8	-0.6	0.00	0.00	0.00	0.4	SSW
7/23/2024 07:45:00	12.3	11.9	-0.5	0.00	0.00	0.00	0.4	S
7/23/2024 07:46:00	12.1	11.7	-0.4	0.00	0.00	0.00	0.4	SSE
7/23/2024 07:47:00	10.3	11.4	1.1	0.00	0.00	0.00	0.4	SE
7/23/2024 07:48:00	10.0	10.8	0.8	0.00	0.00	0.00	0.4	SE
7/23/2024 07:49:00	9.9	10.2	0.3	0.00	0.00	0.00	0.4	SSW
7/23/2024 07:50:00	10.0	10.3	0.3	0.00	0.00	0.00	0.4	WSW
7/23/2024 07:51:00	10.2	10.6	0.4	0.00	0.00	0.00	0.4	SE
7/23/2024 07:52:00	10.2	10.9	0.7	0.00	0.00	0.00	0.4	SE
7/23/2024 07:53:00	10.3	11.3	1.0	0.00	0.00	0.00	0.4	SE
7/23/2024 07:54:00	10.4	11.6	1.2	0.00	0.00	0.00	0.4	SSE
7/23/2024 07:55:00	10.5	11.7	1.3	0.00	0.00	0.00	0.4	SE
7/23/2024 07:56:00	10.4	11.8	1.4	0.00	0.00	0.00	0.4	ESE
7/23/2024 07:57:00	10.4	11.9	1.5	0.00	0.00	0.00	0.4	SE
7/23/2024 07:58:00	10.6	12.0	1.4	0.00	0.00	0.00	0.4	E
7/23/2024 07:59:00	10.9	11.9	1.0	0.00	0.00	0.00	0.4	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
7/23/2024 08:00:00	10.8	11.8	1.0	0.00	0.00	0.00	0.4	ESE
7/23/2024 08:01:00	10.8	12.0	1.2	0.00	0.00	0.00	0.4	SE
7/23/2024 08:02:00	10.8	12.1	1.3	0.00	0.00	0.00	0.4	NE
7/23/2024 08:03:00	10.8	12.1	1.2	0.00	0.00	0.00	0.3	WNW
7/23/2024 08:04:00	10.8	12.4	1.6	0.00	0.00	0.00	0.3	W
7/23/2024 08:05:00	11.0	12.3	1.3	0.00	0.00	0.00	0.2	WNW
7/23/2024 08:06:00	11.0	12.3	1.4	0.00	0.00	0.00	0.3	ESE
7/23/2024 08:07:00	10.9	12.4	1.4	0.00	0.01	0.01	0.3	ESE
7/23/2024 08:08:00	10.9	12.3	1.5	0.00	0.01	0.01	0.3	SE
7/23/2024 08:09:00	10.8	12.4	1.6	0.00	0.01	0.01	0.3	SE
7/23/2024 08:10:00	10.9	12.6	1.6	0.00	0.01	0.01	0.3	S
7/23/2024 08:11:00	11.7	12.6	0.9	0.00	0.01	0.01	0.2	S
7/23/2024 08:12:00	11.7	12.5	0.8	0.00	0.01	0.01	0.3	SE
7/23/2024 08:13:00	11.4	12.8	1.4	0.00	0.01	0.01	0.3	ESE
7/23/2024 08:14:00	11.1	13.2	2.1	0.00	0.01	0.01	0.3	SE
7/23/2024 08:15:00	11.1	13.3	2.2	0.00	0.01	0.01	0.3	SSE
7/23/2024 08:16:00	10.9	13.2	2.2	0.00	0.01	0.01	0.3	S
7/23/2024 08:17:00	10.9	13.5	2.6	0.00	0.01	0.01	0.3	SE
7/23/2024 08:18:00	10.6	13.3	2.7	0.00	0.01	0.01	0.4	SE
7/23/2024 08:19:00	10.5	13.1	2.5	0.00	0.01	0.01	0.5	SSE
7/23/2024 08:20:00	10.3	13.3	3.0	0.00	0.01	0.01	0.6	ESE
7/23/2024 08:21:00	10.2	12.9	2.7	0.00	0.00	0.00	0.6	E
7/23/2024 08:22:00	10.2	12.6	2.4	0.00	0.00	0.00	0.6	ESE
7/23/2024 08:23:00	10.1	12.3	2.3	0.00	0.00	0.00	0.5	S
7/23/2024 08:24:00	9.9	12.0	2.0	0.01	0.00	-0.01	0.6	ESE
7/23/2024 08:25:00	9.8	11.5	1.8	0.01	0.00	-0.01	0.6	SE
7/23/2024 08:26:00	8.9	11.2	2.3	0.01	0.00	-0.01	0.7	SSE
7/23/2024 08:27:00	8.7	11.0	2.2	0.01	0.00	-0.01	0.7	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
7/23/2024 08:28:00	8.6	10.5	1.9	0.01	0.00	-0.01	0.7	SE
7/23/2024 08:29:00	8.5	9.8	1.4	0.01	0.00	-0.01	0.7	ESE
7/23/2024 08:30:00	8.4	9.4	1.0	0.01	0.00	-0.01	0.7	ESE
7/23/2024 08:31:00	8.3	9.2	0.8	0.01	0.00	-0.01	0.8	SSE
7/23/2024 08:32:00	8.3	8.7	0.4	0.01	0.00	-0.01	0.8	SE
7/23/2024 08:33:00	8.2	8.3	0.1	0.01	0.00	-0.01	0.7	SSE
7/23/2024 08:34:00	8.1	7.9	-0.1	0.01	0.00	-0.01	0.7	ESE
7/23/2024 08:35:00	8.0	7.5	-0.5	0.01	0.00	-0.01	0.7	SE
7/23/2024 08:36:00	7.8	7.3	-0.4	0.01	0.00	-0.01	0.6	NW
7/23/2024 08:37:00	7.6	7.2	-0.4	0.01	0.00	-0.01	0.5	NNW
7/23/2024 08:38:00	7.5	7.0	-0.5	0.00	0.00	0.00	0.5	NNW
7/23/2024 08:39:00	7.3	6.9	-0.4	0.00	0.00	0.00	0.4	WSW
7/23/2024 08:40:00	7.1	6.8	-0.4	0.00	0.00	0.00	0.4	SSE
7/23/2024 08:41:00	7.0	6.6	-0.3	0.00	0.00	0.00	0.3	SE
7/23/2024 08:42:00	6.8	6.5	-0.3	0.00	0.00	0.00	0.3	SSE
7/23/2024 08:43:00	6.8	6.5	-0.3	0.00	0.00	0.00	0.3	SE
7/23/2024 08:44:00	6.7	6.4	-0.3	0.00	0.00	0.00	0.3	ESE
7/23/2024 08:45:00	6.6	6.3	-0.3	0.00	0.00	0.00	0.2	NNW
7/23/2024 08:46:00	6.6	6.3	-0.3	0.00	0.00	0.00	0.2	ESE
7/23/2024 08:47:00	6.5	6.2	-0.3	0.00	0.01	0.00	0.2	SE
7/23/2024 08:48:00	6.5	6.2	-0.3	0.01	0.01	0.00	0.2	ESE
7/23/2024 08:49:00	6.5	6.2	-0.3	0.01	0.01	0.00	0.2	SE
7/23/2024 08:50:00	6.5	6.3	-0.2	0.01	0.01	0.00	0.3	ESE
7/23/2024 08:51:00	6.6	6.8	0.1	0.01	0.01	0.00	0.4	SE
7/23/2024 08:52:00	7.3	7.2	-0.1	0.01	0.01	0.00	0.4	SSE
7/23/2024 08:53:00	7.3	7.8	0.5	0.01	0.01	0.00	0.5	E
7/23/2024 08:54:00	7.3	8.3	1.1	0.01	0.01	0.00	0.5	NNE
7/23/2024 08:55:00	7.2	8.6	1.5	0.01	0.01	0.00	0.5	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
7/23/2024 08:56:00	7.1	8.7	1.6	0.01	0.01	0.00	0.4	WNW
7/23/2024 08:57:00	7.0	8.8	1.8	0.01	0.01	0.00	0.4	NNW
7/23/2024 08:58:00	6.9	8.8	1.9	0.01	0.01	0.00	0.3	E
7/23/2024 08:59:00	6.8	8.8	2.0	0.01	0.01	0.00	0.3	E
7/23/2024 09:00:00	6.6	8.7	2.1	0.01	0.01	0.00	0.3	NW
7/23/2024 09:01:00	6.5	8.6	2.1	0.01	0.01	0.00	0.2	WNW
7/23/2024 09:02:00	6.3	8.5	2.2	0.01	0.01	0.00	0.1	WNW
7/23/2024 09:03:00	6.1	8.4	2.3	0.01	0.01	0.00	0.1	WNW
7/23/2024 09:04:00	5.9	8.3	2.4	0.01	0.01	0.00	0.2	NW
7/23/2024 09:05:00	5.7	8.1	2.4	0.01	0.01	0.00	0.3	NNW
7/23/2024 09:06:00	5.5	7.4	2.0	0.01	0.00	0.00	0.3	ESE
7/23/2024 09:07:00	4.6	7.0	2.4	0.01	0.00	-0.01	0.3	NNW
7/23/2024 09:08:00	4.5	6.3	1.7	0.01	0.00	0.00	0.4	W
7/23/2024 09:09:00	4.5	5.6	1.2	0.01	0.00	0.00	0.4	N
7/23/2024 09:10:00	4.5	5.3	0.9	0.01	0.00	0.00	0.4	NNE
7/23/2024 09:11:00	4.5	5.2	0.7	0.01	0.00	0.00	0.4	W
7/23/2024 09:12:00	4.7	5.1	0.4	0.01	0.00	0.00	0.4	WSW
7/23/2024 09:13:00	4.7	5.2	0.6	0.01	0.00	0.00	0.4	ENE
7/23/2024 09:14:00	4.8	5.5	0.7	0.01	0.00	0.00	0.4	N
7/23/2024 09:15:00	5.0	5.5	0.5	0.01	0.00	0.00	0.4	WNW
7/23/2024 09:16:00	5.1	5.5	0.5	0.00	0.00	0.00	0.3	NE
7/23/2024 09:17:00	5.2	5.6	0.4	0.00	0.00	0.00	0.3	SE
7/23/2024 09:18:00	5.4	5.8	0.4	0.00	0.00	0.00	0.2	ESE
7/23/2024 09:19:00	5.6	5.8	0.2	0.00	0.02	0.02	0.1	SW
7/23/2024 09:20:00	5.7	5.9	0.1	0.03	0.02	-0.01	0.1	NW
7/23/2024 09:21:00	5.8	6.0	0.2	0.03	0.05	0.02	0.1	SE
7/23/2024 09:22:00	6.0	6.0	0.0	0.03	0.07	0.04	0.1	ESE
7/23/2024 09:23:00	6.0	6.1	0.1	0.03	0.08	0.05	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
7/23/2024 09:24:00	6.2	6.0	-0.1	0.03	0.08	0.05	0.1	ESE
7/23/2024 09:25:00	6.3	6.0	-0.3	0.03	0.08	0.05	0.1	SE
7/23/2024 09:26:00	6.3	6.0	-0.3	0.03	0.08	0.05	0.2	W
7/23/2024 09:27:00	6.3	6.1	-0.3	0.03	0.08	0.05	0.2	S
7/23/2024 09:28:00	6.5	5.9	-0.5	0.03	0.08	0.05	0.2	SE
7/23/2024 09:29:00	6.5	5.7	-0.8	0.03	0.08	0.05	0.3	ESE
7/23/2024 09:30:00	6.4	5.8	-0.6	0.03	0.08	0.05	0.4	ESE
7/23/2024 09:31:00	6.5	5.8	-0.7	0.03	0.08	0.05	0.4	SE
7/23/2024 09:32:00	6.4	5.8	-0.6	0.03	0.08	0.05	0.4	ENE
7/23/2024 09:33:00	6.3	5.8	-0.6	0.03	0.08	0.05	0.4	NE
7/23/2024 09:34:00	6.1	5.8	-0.4	0.03	0.06	0.03	0.4	ESE
7/23/2024 09:35:00	6.1	5.7	-0.4	0.00	0.06	0.06	0.5	ESE
7/23/2024 09:36:00	6.0	5.6	-0.4	0.00	0.03	0.03	0.5	SW
7/23/2024 09:37:00	5.9	5.5	-0.4	0.00	0.01	0.01	0.5	ESE
7/23/2024 09:38:00	5.8	5.4	-0.4	0.00	0.00	0.00	0.5	ESE
7/23/2024 09:39:00	5.8	5.4	-0.4	0.00	0.00	0.00	0.5	SE
7/23/2024 09:40:00	5.7	5.4	-0.2	0.00	0.00	0.00	0.5	E
7/23/2024 09:41:00	5.6	5.4	-0.2	0.00	0.00	0.00	0.5	SE
7/23/2024 09:42:00	5.6	5.4	-0.2	0.00	0.00	0.00	0.6	ESE
7/23/2024 09:43:00	5.5	5.4	-0.2	0.00	0.00	0.00	0.6	SE
7/23/2024 09:44:00	5.5	5.4	-0.1	0.00	0.00	0.00	0.4	WNW
7/23/2024 09:45:00	5.5	5.4	-0.1	0.01	0.00	-0.01	0.4	WNW
7/23/2024 09:46:00	5.4	5.5	0.1	0.01	0.00	-0.01	0.3	WNW
7/23/2024 09:47:00	5.5	5.4	-0.1	0.01	0.01	-0.01	0.2	W
7/23/2024 09:48:00	5.5	5.4	-0.1	0.02	0.01	-0.01	0.2	WNW
7/23/2024 09:49:00	5.6	5.4	-0.3	0.02	0.01	0.00	0.1	W
7/23/2024 09:50:00	5.7	5.4	-0.3	0.02	0.01	-0.01	0.1	WNW
7/23/2024 09:51:00	5.7	5.5	-0.3	0.02	0.01	-0.01	0.1	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
7/23/2024 09:52:00	5.8	5.5	-0.3	0.02	0.01	-0.01	0.1	SE
7/23/2024 09:53:00	5.8	5.6	-0.2	0.02	0.01	-0.01	0.1	ESE
7/23/2024 09:54:00	5.8	5.8	0.0	0.02	0.01	-0.01	0.1	ESE
7/23/2024 09:55:00	5.8	5.8	0.0	0.02	0.01	-0.01	0.0	ENE
7/23/2024 09:56:00	5.9	5.8	-0.1	0.02	0.01	-0.01	0.0	SE
7/23/2024 09:57:00	5.9	5.9	0.0	0.02	0.01	-0.01	0.1	SE
7/23/2024 09:58:00	5.9	6.0	0.1	0.02	0.01	-0.01	0.0	E
7/23/2024 09:59:00	6.0	6.2	0.2	0.02	0.01	-0.01	0.1	E
7/23/2024 10:00:00	6.0	6.3	0.2	0.02	0.01	0.00	0.1	NNW
7/23/2024 10:01:00	6.1	6.4	0.3	0.01	0.01	0.00	0.1	N
7/23/2024 10:02:00	6.0	6.5	0.5	0.01	0.01	0.00	0.1	NW
7/23/2024 10:03:00	6.0	6.5	0.5	0.01	0.01	0.00	0.2	NNW
7/23/2024 10:04:00	6.0	6.6	0.6	0.01	0.00	-0.01	0.2	WNW
7/23/2024 10:05:00	6.0	6.7	0.6	0.00	0.00	0.00	0.2	WNW
7/23/2024 10:06:00	6.0	6.8	0.8	0.00	0.00	0.00	0.2	NW
7/23/2024 10:07:00	6.1	6.9	0.8	0.00	0.00	0.00	0.2	SSW
7/23/2024 10:08:00	6.2	6.8	0.7	0.00	0.00	0.00	0.1	S
7/23/2024 10:09:00	6.3	6.8	0.5	0.00	0.00	0.00	0.1	SE
7/23/2024 10:10:00	6.5	6.8	0.4	0.00	0.00	0.00	0.1	SSE
7/23/2024 10:11:00	6.4	7.0	0.5	0.00	0.00	0.00	0.2	NNW
7/23/2024 10:12:00	6.5	7.0	0.5	0.00	0.00	0.00	0.2	SSW
7/23/2024 10:13:00	6.5	7.0	0.5	0.00	0.00	0.00	0.2	ENE
7/23/2024 10:14:00	6.6	6.9	0.3	0.00	0.00	0.00	0.3	WSW
7/23/2024 10:15:00	6.7	6.8	0.1	0.00	0.00	0.00	0.2	SE
7/23/2024 10:16:00	6.8	6.6	-0.1	0.00	0.00	0.00	0.2	WSW
7/23/2024 10:17:00	6.9	6.6	-0.3	0.00	0.00	0.00	0.2	W
7/23/2024 10:18:00	7.0	6.5	-0.5	0.00	0.00	0.00	0.3	WNW
7/23/2024 10:19:00	7.0	6.6	-0.5	0.00	0.00	0.00	0.3	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/23/2024 10:20:00	7.0	6.7	-0.4	0.00	0.00	0.00	0.3	WNW
7/23/2024 10:21:00	7.1	6.7	-0.4	0.00	0.00	0.00	0.3	WNW
7/23/2024 10:22:00	7.0	6.8	-0.2	0.00	0.00	0.00	0.3	WNW
7/23/2024 10:23:00	7.1	6.9	-0.2	0.00	0.00	0.00	0.3	SE
7/23/2024 10:24:00	7.1	6.9	-0.2	0.00	0.00	0.00	0.3	ESE
7/23/2024 10:25:00	7.0	7.0	-0.1	0.00	0.00	0.00	0.2	ESE
7/23/2024 10:26:00	7.1	6.9	-0.2	0.00	0.00	0.00	0.3	WSW
7/23/2024 10:27:00	7.1	7.0	-0.1	0.00	0.00	0.00	0.3	NW
7/23/2024 10:28:00	7.1	7.0	-0.1	0.00	0.00	0.00	0.4	NNW
7/23/2024 10:29:00	7.1	7.0	-0.1	0.00	0.01	0.00	0.3	SSE
7/23/2024 10:30:00	7.1	7.1	0.0	0.00	0.01	0.00	0.4	WSW
7/23/2024 10:31:00	7.0	7.2	0.1	0.00	0.01	0.00	0.5	WNW
7/23/2024 10:32:00	7.0	7.2	0.2	0.00	0.01	0.00	0.5	WNW
7/23/2024 10:33:00	7.0	7.2	0.2	0.00	0.01	0.01	0.5	WNW
7/23/2024 10:34:00	7.0	7.2	0.2	0.02	0.01	0.00	0.5	WNW
7/23/2024 10:35:00	7.1	7.1	0.1	0.02	0.03	0.01	0.4	SSE
7/23/2024 10:36:00	7.1	7.0	-0.1	0.02	0.03	0.01	0.3	ESE
7/23/2024 10:37:00	7.2	6.9	-0.3	0.01	0.03	0.02	0.3	SE
7/23/2024 10:38:00	7.2	6.9	-0.2	0.01	0.03	0.01	0.3	SSE
7/23/2024 10:39:00	7.1	6.9	-0.2	0.01	0.03	0.01	0.3	ESE
7/23/2024 10:40:00	7.2	6.9	-0.4	0.01	0.03	0.01	0.3	SSE
7/23/2024 10:41:00	7.3	6.9	-0.4	0.01	0.03	0.01	0.3	SSW
7/23/2024 10:42:00	7.3	6.9	-0.4	0.01	0.03	0.01	0.2	E
7/23/2024 10:43:00	7.3	6.9	-0.3	0.01	0.03	0.01	0.2	E
7/23/2024 10:44:00	7.3	6.9	-0.4	0.01	0.02	0.01	0.1	SE
7/23/2024 10:45:00	7.3	6.9	-0.4	0.01	0.02	0.01	0.1	WSW
7/23/2024 10:46:00	7.4	6.9	-0.5	0.01	0.02	0.01	0.1	WNW
7/23/2024 10:47:00	7.5	7.0	-0.5	0.01	0.02	0.01	0.3	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
7/23/2024 10:48:00	7.6	7.1	-0.5	0.01	0.01	0.00	0.4	SE
7/23/2024 10:49:00	7.7	7.0	-0.7	0.00	0.01	0.01	0.5	SE
7/23/2024 10:50:00	7.8	7.1	-0.7	0.00	0.00	0.00	0.5	SSE
7/23/2024 10:51:00	7.8	7.1	-0.8	0.00	0.00	0.00	0.5	SE
7/23/2024 10:52:00	7.8	7.2	-0.6	0.00	0.00	0.00	0.5	NE
7/23/2024 10:53:00	7.8	7.3	-0.5	0.00	0.00	0.00	0.4	NW
7/23/2024 10:54:00	7.7	7.4	-0.3	0.00	0.00	0.00	0.3	NNW
7/23/2024 10:55:00	7.7	7.4	-0.3	0.00	0.00	0.00	0.3	SW
7/23/2024 10:56:00	7.5	7.4	-0.1	0.00	0.00	0.00	0.3	E
7/23/2024 10:57:00	7.6	7.3	-0.3	0.00	0.00	0.00	0.3	SE
7/23/2024 10:58:00	7.6	7.3	-0.3	0.00	0.00	0.00	0.3	E
7/23/2024 10:59:00	7.6	7.3	-0.3	0.00	0.00	0.00	0.3	ESE
7/23/2024 11:00:00	7.6	7.3	-0.3	0.00	0.00	0.00	0.3	W
7/23/2024 11:01:00	7.5	7.3	-0.2	0.00	0.00	0.00	0.4	ESE
7/23/2024 11:02:00	7.6	7.3	-0.3	0.00	0.00	0.00	0.4	SSE
7/23/2024 11:03:00	7.6	7.4	-0.2	0.00	0.00	0.00	0.4	SE
7/23/2024 11:04:00	7.6	7.4	-0.2	0.00	0.00	0.00	0.3	SSE
7/23/2024 11:05:00	7.5	7.3	-0.2	0.00	0.00	0.00	0.3	ESE
7/23/2024 11:06:00	7.5	7.3	-0.1	0.00	0.00	0.00	0.3	SE
7/23/2024 11:07:00	7.5	7.2	-0.3	0.00	0.00	0.00	0.4	SE
7/23/2024 11:08:00	7.5	7.1	-0.4	0.00	0.00	0.00	0.5	S
7/23/2024 11:09:00	7.5	7.0	-0.6	0.00	0.00	0.00	0.6	SE
7/23/2024 11:10:00	7.5	6.9	-0.6	0.00	0.00	0.00	0.7	SE
7/23/2024 11:11:00	7.5	6.8	-0.7	0.00	0.00	0.00	0.7	ESE
7/23/2024 11:12:00	7.4	6.8	-0.6	0.00	0.00	0.00	0.7	E
7/23/2024 11:13:00	7.3	6.6	-0.7	0.00	0.00	0.00	0.6	SW
7/23/2024 11:14:00	7.2	6.6	-0.7	0.00	0.00	0.00	0.5	W
7/23/2024 11:15:00	7.1	6.5	-0.6	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
7/23/2024 11:16:00	7.0	6.4	-0.7	0.00	0.00	0.00	0.5	WSW
7/23/2024 11:17:00	6.9	6.3	-0.7	0.00	0.00	0.00	0.4	W
7/23/2024 11:18:00	6.8	6.1	-0.7	0.00	0.00	0.00	0.4	SSW
7/23/2024 11:19:00	6.6	6.0	-0.7	0.00	0.00	0.00	0.4	WSW
7/23/2024 11:20:00	6.5	6.0	-0.5	0.00	0.00	0.00	0.4	ESE
7/23/2024 11:21:00	6.5	6.2	-0.3	0.00	0.00	0.00	0.3	E
7/23/2024 11:22:00	6.5	6.2	-0.2	0.00	0.00	0.00	0.2	NE
7/23/2024 11:23:00	6.4	6.2	-0.2	0.00	0.00	0.00	0.3	SE
7/23/2024 11:24:00	6.3	6.2	-0.1	0.00	0.00	0.00	0.3	SE
7/23/2024 11:25:00	6.2	6.1	-0.1	0.00	0.00	0.00	0.3	SE
7/23/2024 11:26:00	6.2	6.1	-0.1	0.00	0.00	0.00	0.3	SE
7/23/2024 11:27:00	6.2	6.1	-0.1	0.00	0.00	0.00	0.3	SSE
7/23/2024 11:28:00	6.2	6.1	-0.1	0.00	0.00	0.00	0.3	SE
7/23/2024 11:29:00	6.1	6.1	-0.1	0.00	0.00	0.00	0.4	ESE
7/23/2024 11:30:00	6.1	6.1	0.0	0.00	0.00	0.00	0.4	WNW
7/23/2024 11:31:00	6.1	6.1	0.0	0.00	0.00	0.00	0.4	WNW
7/23/2024 11:32:00	6.0	6.0	0.0	0.00	0.00	0.00	0.2	WNW
7/23/2024 11:33:00	6.0	6.0	0.1	0.01	0.00	-0.01	0.1	WNW
7/23/2024 11:34:00	6.0	6.2	0.2	0.01	0.00	-0.01	0.1	WNW
7/23/2024 11:35:00	6.2	6.1	-0.1	0.01	0.00	-0.01	0.1	W
7/23/2024 11:36:00	6.1	5.8	-0.3	0.01	0.00	-0.01	0.1	ENE
7/23/2024 11:37:00	6.1	5.9	-0.2	0.01	0.00	-0.01	0.2	WNW
7/23/2024 11:38:00	6.1	5.9	-0.2	0.01	0.00	-0.01	0.2	W
7/23/2024 11:39:00	6.1	5.9	-0.1	0.01	0.00	-0.01	0.3	NE
7/23/2024 11:40:00	6.2	6.0	-0.1	0.01	0.00	-0.01	0.3	ESE
7/23/2024 11:41:00	6.2	6.0	-0.1	0.01	0.00	-0.01	0.3	ESE
7/23/2024 11:42:00	6.2	6.1	-0.1	0.01	0.00	-0.01	0.4	NW
7/23/2024 11:43:00	6.2	6.1	-0.1	0.01	0.00	-0.01	0.4	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
7/23/2024 11:44:00	6.3	6.1	-0.1	0.01	0.00	-0.01	0.4	ESE
7/23/2024 11:45:00	6.3	6.2	-0.1	0.01	0.00	-0.01	0.3	ESE
7/23/2024 11:46:00	6.4	6.2	-0.1	0.01	0.00	-0.01	0.2	SE
7/23/2024 11:47:00	6.4	6.2	-0.2	0.01	0.00	-0.01	0.1	ESE
7/23/2024 11:48:00	6.5	6.2	-0.2	0.00	0.00	0.00	0.2	SSE
7/23/2024 11:49:00	6.4	6.1	-0.3	0.00	0.00	0.00	0.3	ESE
7/23/2024 11:50:00	6.1	6.2	0.0	0.00	0.00	0.00	0.4	ESE
7/23/2024 11:51:00	6.2	6.2	0.0	0.00	0.00	0.00	0.4	ESE
7/23/2024 11:52:00	6.2	6.1	-0.1	0.00	0.00	0.00	0.4	SW
7/23/2024 11:53:00	6.3	6.2	-0.1	0.00	0.00	0.00	0.4	W
7/23/2024 11:54:00	6.4	6.1	-0.3	0.00	0.00	0.00	0.4	S
7/23/2024 11:55:00	6.3	6.2	-0.2	0.00	0.00	0.00	0.3	WNW
7/23/2024 11:56:00	6.3	6.1	-0.2	0.00	0.00	0.00	0.2	WNW
7/23/2024 11:57:00	6.2	6.1	-0.1	0.00	0.00	0.00	0.2	NW
7/23/2024 11:58:00	6.1	6.1	0.0	0.01	0.00	-0.01	0.1	NNW
7/23/2024 11:59:00	6.0	6.1	0.1	0.01	0.00	-0.01	0.1	NNE
7/23/2024 12:00:00	5.9	6.1	0.2	0.01	0.00	-0.01	0.1	NW
7/23/2024 12:01:00	5.8	6.1	0.3	0.01	0.00	-0.01	0.2	WNW
7/23/2024 12:02:00	5.8	6.2	0.4	0.01	0.00	-0.01	0.1	ESE
7/23/2024 12:03:00	5.8	6.2	0.4	0.01	0.00	-0.01	0.1	S
7/23/2024 12:04:00	6.0	6.2	0.2	0.01	0.00	-0.01	0.2	W
7/23/2024 12:05:00	6.0	6.3	0.3	0.01	0.00	-0.01	0.3	N
7/23/2024 12:06:00	6.0	6.3	0.3	0.01	0.00	-0.01	0.4	WSW
7/23/2024 12:07:00	6.0	6.3	0.3	0.01	0.00	-0.01	0.4	ENE
7/23/2024 12:08:00	6.0	6.3	0.3	0.01	0.00	-0.01	0.3	ESE
7/23/2024 12:09:00	5.9	6.4	0.5	0.01	0.00	-0.01	0.3	W
7/23/2024 12:10:00	5.9	6.4	0.5	0.01	0.00	-0.01	0.3	WNW
7/23/2024 12:11:00	5.9	6.5	0.6	0.00	0.01	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
7/23/2024 12:12:00	6.0	6.5	0.5	0.01	0.01	0.00	0.4	NW
7/23/2024 12:13:00	6.1	6.5	0.3	0.00	0.01	0.00	0.4	NW
7/23/2024 12:14:00	6.2	6.6	0.4	0.00	0.01	0.00	0.4	W
7/23/2024 12:15:00	6.3	6.7	0.4	0.00	0.01	0.00	0.4	SSW
7/23/2024 12:16:00	6.4	6.7	0.3	0.00	0.01	0.00	0.3	ESE
7/23/2024 12:17:00	6.8	6.7	-0.1	0.00	0.01	0.00	0.3	SSE
7/23/2024 12:18:00	6.9	7.0	0.1	0.00	0.01	0.00	0.2	E
7/23/2024 12:19:00	7.8	7.2	-0.7	0.00	0.01	0.00	0.1	ESE
7/23/2024 12:20:00	8.1	7.6	-0.5	0.00	0.01	0.00	0.1	E
7/23/2024 12:21:00	8.3	8.7	0.4	0.00	0.01	0.00	0.1	NNE
7/23/2024 12:22:00	8.4	9.2	0.8	0.00	0.01	0.00	0.1	NE
7/23/2024 12:23:00	8.6	9.3	0.7	0.00	0.01	0.00	0.1	E
7/23/2024 12:24:00	8.7	9.3	0.6	0.00	0.01	0.00	0.2	E
7/23/2024 12:25:00	8.9	9.5	0.7	0.00	0.01	0.00	0.3	ESE
7/23/2024 12:26:00	9.1	9.6	0.5	0.00	0.00	0.00	0.5	E
7/23/2024 12:27:00	9.3	9.8	0.5	0.00	0.00	0.00	0.6	ESE
7/23/2024 12:28:00	9.4	10.1	0.7	0.00	0.00	0.00	0.8	SE
7/23/2024 12:29:00	9.6	10.3	0.6	0.00	0.00	0.00	0.8	W
7/23/2024 12:30:00	10.0	10.4	0.3	0.00	0.00	0.00	0.8	E
7/23/2024 12:31:00	10.5	10.6	0.1	0.00	0.00	0.00	0.7	WNW
7/23/2024 12:32:00	10.6	10.8	0.2	0.00	0.00	0.00	0.6	NW
7/23/2024 12:33:00	11.0	11.1	0.1	0.00	0.00	0.00	0.5	W
7/23/2024 12:34:00	10.3	11.3	1.1	0.00	0.00	0.00	0.4	N
7/23/2024 12:35:00	10.3	11.1	0.8	0.01	0.00	-0.01	0.3	WNW
7/23/2024 12:36:00	10.3	10.3	0.1	0.01	0.00	-0.01	0.2	WNW
7/23/2024 12:37:00	10.3	9.9	-0.4	0.01	0.00	-0.01	0.1	NW
7/23/2024 12:38:00	10.4	10.1	-0.3	0.01	0.00	-0.01	0.1	WNW
7/23/2024 12:39:00	10.5	10.3	-0.2	0.01	0.00	-0.01	0.2	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/23/2024 12:40:00	10.5	10.1	-0.4	0.01	0.00	-0.01	0.4	WNW
7/23/2024 12:41:00	10.4	10.1	-0.3	0.01	0.00	-0.01	0.6	WNW
7/23/2024 12:42:00	10.2	9.9	-0.3	0.01	0.00	-0.01	0.7	NNE
7/23/2024 12:43:00	10.0	9.5	-0.5	0.01	0.00	-0.01	0.8	E
7/23/2024 12:44:00	9.8	9.3	-0.5	0.01	0.00	-0.01	0.7	E
7/23/2024 12:45:00	9.7	9.2	-0.6	0.01	0.00	-0.01	0.7	WSW
7/23/2024 12:46:00	9.5	9.0	-0.5	0.01	0.00	-0.01	0.7	WSW
7/23/2024 12:47:00	8.9	8.7	-0.3	0.01	0.00	-0.01	0.7	WSW
7/23/2024 12:48:00	8.5	8.4	-0.1	0.01	0.00	-0.01	0.7	WNW
7/23/2024 12:49:00	8.2	10.8	2.7	0.01	0.00	-0.01	0.8	WNW
7/23/2024 12:50:00	7.9	10.5	2.6	0.00	0.00	0.00	0.8	WNW
7/23/2024 12:51:00	7.7	10.2	2.5	0.00	0.00	0.00	0.7	SSW
7/23/2024 12:52:00	7.9	10.0	2.2	0.00	0.00	0.00	0.7	W
7/23/2024 12:53:00	7.6	10.2	2.6	0.00	0.00	0.00	0.7	WNW
7/23/2024 12:54:00	7.5	9.9	2.4	0.00	0.00	0.00	0.7	WNW
7/23/2024 12:55:00	7.6	9.8	2.2	0.00	0.00	0.00	0.6	S
7/23/2024 12:56:00	7.5	9.9	2.4	0.00	0.00	0.00	0.5	WNW
7/23/2024 12:57:00	7.7	10.0	2.3	0.00	0.00	0.00	0.6	S
7/23/2024 12:58:00	7.8	10.1	2.3	0.00	0.00	0.00	0.7	W
7/23/2024 12:59:00	7.9	10.2	2.3	0.00	0.00	0.00	0.8	NNW
7/23/2024 13:00:00	7.8	10.2	2.4	0.00	0.00	0.00	0.6	ESE
7/23/2024 13:01:00	7.5	10.3	2.8	0.00	0.00	0.00	0.5	ESE
7/23/2024 13:02:00	7.5	10.3	2.8	0.00	0.00	0.00	0.5	S
7/23/2024 13:03:00	7.6	10.1	2.6	0.00	0.00	0.00	0.4	ENE
7/23/2024 13:04:00	7.6	7.4	-0.2	0.00	0.00	0.00	0.2	E
7/23/2024 13:05:00	7.6	7.5	-0.1	0.00	0.00	0.00	0.1	NW
7/23/2024 13:06:00	7.7	7.6	-0.2	0.00	0.00	0.00	0.1	SE
7/23/2024 13:07:00	7.5	7.7	0.3	0.00	0.00	0.00	0.1	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
7/23/2024 13:08:00	7.5	7.5	0.0	0.00	0.00	0.00	0.2	ENE
7/23/2024 13:09:00	7.5	7.5	0.0	0.00	0.00	0.00	0.3	ESE
7/23/2024 13:10:00	7.5	7.7	0.2	0.00	0.00	0.00	0.2	WNW
7/23/2024 13:11:00	7.7	7.7	0.0	0.00	0.00	0.00	0.4	ESE
7/23/2024 13:12:00	7.7	7.7	0.0	0.00	0.00	0.00	0.4	SE
7/23/2024 13:13:00	7.7	7.9	0.2	0.00	0.00	0.00	0.4	NNW
7/23/2024 13:14:00	7.8	8.0	0.2	0.00	0.00	0.00	0.4	WNW
7/23/2024 13:15:00	7.7	8.0	0.3	0.00	0.00	0.00	0.3	WSW
7/23/2024 13:16:00	7.8	8.0	0.2	0.00	0.00	0.00	0.2	N
7/23/2024 13:17:00	7.9	8.2	0.3	0.00	0.00	0.00	0.2	WNW
7/23/2024 13:18:00	8.1	8.2	0.1	0.00	0.00	0.00	0.1	WNW
7/23/2024 13:19:00	9.0	8.4	-0.6	0.00	0.00	0.00	0.1	SE
7/23/2024 13:20:00	9.8	8.7	-1.0	0.00	0.00	0.00	0.2	SE
7/23/2024 13:21:00	10.2	9.2	-1.0	0.00	0.00	0.00	0.1	W
7/23/2024 13:22:00	10.4	10.6	0.2	0.00	0.00	0.00	0.1	NNW
7/23/2024 13:23:00	11.6	10.7	-0.9	0.00	0.00	0.00	0.2	W
7/23/2024 13:24:00	12.3	11.0	-1.3	0.00	0.00	0.00	0.3	W
7/23/2024 13:25:00	12.6	11.2	-1.4	0.00	0.00	0.00	0.3	SSW
7/23/2024 13:26:00	12.6	11.5	-1.1	0.00	0.00	0.00	0.4	S
7/23/2024 13:27:00	13.1	11.8	-1.3	0.00	0.00	0.00	0.4	SW
7/23/2024 13:28:00	13.2	12.2	-1.0	0.00	0.00	0.00	0.5	WNW
7/23/2024 13:29:00	15.8	12.2	-3.6	0.00	0.00	0.00	0.5	WNW
7/23/2024 13:30:00	15.9	12.4	-3.5	0.00	0.01	0.01	0.6	WNW
7/23/2024 13:31:00	15.9	12.4	-3.5	0.01	0.01	0.00	0.7	WNW
7/23/2024 13:32:00	16.0	12.6	-3.4	0.01	0.01	0.00	0.7	WNW
7/23/2024 13:33:00	15.9	12.8	-3.1	0.01	0.01	0.00	0.7	WNW
7/23/2024 13:34:00	15.1	12.6	-2.5	0.01	0.01	0.00	0.8	WNW
7/23/2024 13:35:00	14.4	12.3	-2.1	0.01	0.01	0.00	0.9	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
7/23/2024 13:36:00	14.0	12.0	-2.0	0.01	0.01	0.00	0.8	SSE
7/23/2024 13:37:00	13.8	10.6	-3.3	0.01	0.01	0.00	0.8	ESE
7/23/2024 13:38:00	12.7	10.4	-2.2	0.01	0.01	0.00	0.6	SE
7/23/2024 13:39:00	11.9	10.2	-1.8	0.01	0.01	0.00	0.6	SSW
7/23/2024 13:40:00	11.6	9.9	-1.8	0.01	0.01	0.00	0.7	WSW
7/23/2024 13:41:00	11.5	9.5	-2.0	0.01	0.01	0.00	0.7	W
7/23/2024 13:42:00	11.1	9.2	-1.9	0.01	0.01	0.00	0.6	SE
7/23/2024 13:43:00	13.0	8.7	-4.3	0.01	0.01	0.00	0.5	SSE
7/23/2024 13:44:00	10.7	8.7	-2.0	0.01	0.01	-0.01	0.5	SE
7/23/2024 13:45:00	10.7	8.5	-2.1	0.01	0.00	-0.01	0.4	SSE
7/23/2024 13:46:00	10.6	8.4	-2.3	0.01	0.00	-0.01	0.4	SSE
7/23/2024 13:47:00	10.6	8.2	-2.4	0.00	0.00	0.00	0.5	SSE
7/23/2024 13:48:00	11.1	7.9	-3.2	0.00	0.00	0.00	0.6	SE
7/23/2024 13:49:00	11.2	8.3	-2.9	0.00	0.00	0.00	0.7	WSW
7/23/2024 13:50:00	11.4	9.4	-2.0	0.00	0.00	0.00	0.7	W
7/23/2024 13:51:00	12.0	9.9	-2.2	0.00	0.00	0.00	0.7	SSE
7/23/2024 13:52:00	12.6	10.2	-2.5	0.00	0.00	0.00	0.7	ESE
7/23/2024 13:53:00	12.8	10.3	-2.4	0.00	0.00	0.00	0.6	WSW
7/23/2024 13:54:00	12.9	10.4	-2.5	0.00	0.00	0.00	0.5	WNW
7/23/2024 13:55:00	12.9	10.5	-2.5	0.00	0.00	0.00	0.4	WNW
7/23/2024 13:56:00	13.0	10.4	-2.6	0.00	0.00	0.00	0.4	NW
7/23/2024 13:57:00	12.9	10.4	-2.5	0.00	0.00	0.00	0.3	WNW
7/23/2024 13:58:00	10.8	10.4	-0.4	0.00	0.00	0.00	0.3	SW
7/23/2024 13:59:00	10.5	10.4	0.0	0.00	0.00	0.00	0.4	S
7/23/2024 14:00:00	10.3	10.5	0.1	0.00	0.00	0.00	0.4	W
7/23/2024 14:01:00	10.3	10.5	0.2	0.00	0.00	0.00	0.4	NW
7/23/2024 14:02:00	10.3	10.6	0.2	0.00	0.00	0.00	0.4	SE
7/23/2024 14:03:00	9.9	10.6	0.7	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
7/23/2024 14:04:00	9.8	10.2	0.5	0.00	0.00	0.00	0.5	S
7/23/2024 14:05:00	9.6	9.2	-0.4	0.00	0.00	0.00	0.5	W
7/23/2024 14:06:00	9.0	8.7	-0.3	0.00	0.00	0.00	0.5	W
7/23/2024 14:07:00	8.5	8.3	-0.2	0.00	0.01	0.01	0.6	W
7/23/2024 14:08:00	8.3	8.0	-0.2	0.00	0.01	0.01	0.7	W
7/23/2024 14:09:00	8.0	7.9	-0.2	0.00	0.02	0.02	0.6	S
7/23/2024 14:10:00	7.8	7.7	-0.1	0.00	0.02	0.02	0.6	SSE
7/23/2024 14:11:00	7.6	7.7	0.0	0.00	0.02	0.02	0.6	SE
7/23/2024 14:12:00	7.5	7.7	0.1	0.00	0.02	0.02	0.6	S
7/23/2024 14:13:00	7.5	7.5	0.0	0.00	0.02	0.02	0.6	S
7/23/2024 14:14:00	7.5	7.7	0.1	0.00	0.02	0.02	0.5	NNW
7/23/2024 14:15:00	7.5	9.1	1.6	0.00	0.02	0.02	0.4	NW
7/23/2024 14:16:00	7.4	10.7	3.3	0.00	0.02	0.02	0.4	NNE
7/23/2024 14:17:00	7.3	11.4	4.2	0.00	0.02	0.01	0.3	ESE
7/23/2024 14:18:00	7.2	11.3	4.2	0.00	0.02	0.01	0.3	W
7/23/2024 14:19:00	7.0	11.2	4.3	0.00	0.02	0.01	0.2	NE
7/23/2024 14:20:00	6.8	11.2	4.4	0.00	0.02	0.01	0.2	NW
7/23/2024 14:21:00	6.7	17.1	10.4	0.00	0.02	0.01	0.1	ESE
7/23/2024 14:22:00	60.5	17.1	-43.3	0.00	0.01	0.01	0.1	ESE
7/23/2024 14:23:00	95.0	17.1	-77.9	0.00	0.00	0.00	0.3	SE
7/23/2024 14:24:00	95.7	17.4	-78.3	0.00	0.00	0.00	0.3	S
7/23/2024 14:25:00	95.9	17.8	-78.1	0.00	0.00	0.00	0.3	E
7/23/2024 14:26:00	96.1	17.8	-78.3	0.00	0.00	0.00	0.3	S
7/23/2024 14:27:00	96.2	17.8	-78.4	0.00	0.00	0.00	0.2	SSW
7/23/2024 14:28:00	96.3	17.8	-78.5	0.00	0.00	0.00	0.3	ESE
7/23/2024 14:29:00	96.4	17.7	-78.6	0.00	0.00	0.00	0.4	ESE
7/23/2024 14:30:00	96.4	18.0	-78.4	0.00	0.00	0.00	0.6	E
7/23/2024 14:31:00	96.4	22.7	-73.7	0.00	0.00	0.00	0.6	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
7/23/2024 14:32:00	96.5	22.3	-74.2	0.00	0.00	0.00	0.5	WNW
7/23/2024 14:33:00	96.5	22.4	-74.1	0.00	0.00	0.00	0.6	SE
7/23/2024 14:34:00	96.6	22.4	-74.3	0.00	0.00	0.00	0.6	NE
7/23/2024 14:35:00	96.8	22.4	-74.4	0.00	0.00	0.00	0.6	N
7/23/2024 14:36:00	96.8	16.3	-80.5	0.00	0.00	0.00	0.5	NW
7/23/2024 14:37:00	43.0	16.3	-26.7	0.00	0.00	0.00	0.5	SE
7/23/2024 14:38:00	9.5	16.3	6.8	0.00	0.00	0.00	0.4	ESE
7/23/2024 14:39:00	9.2	16.2	7.0	0.00	0.00	0.00	0.4	SSE
7/23/2024 14:40:00	9.2	16.2	7.1	0.00	0.00	0.00	0.3	NNW
7/23/2024 14:41:00	9.0	16.3	7.3	0.00	0.00	0.00	0.3	NW
7/23/2024 14:42:00	9.4	16.3	6.9	0.00	0.00	0.00	0.3	ESE
7/23/2024 14:43:00	9.4	17.0	7.6	0.00	0.00	0.00	0.3	ENE
7/23/2024 14:44:00	9.4	17.4	8.0	0.00	0.00	0.00	0.2	NNW
7/23/2024 14:45:00	9.5	15.7	6.3	0.00	0.00	0.00	0.2	WNW
7/23/2024 14:46:00	9.6	9.6	0.0	0.01	0.00	0.00	0.2	NNE
7/23/2024 14:47:00	9.8	9.4	-0.3	0.01	0.00	0.00	0.3	NE
7/23/2024 14:48:00	9.9	9.6	-0.3	0.01	0.00	-0.01	0.3	NNW
7/23/2024 14:49:00	10.1	9.9	-0.2	0.01	0.00	-0.01	0.3	NNE
7/23/2024 14:50:00	10.3	10.1	-0.2	0.01	0.00	-0.01	0.3	SE
7/23/2024 14:51:00	10.5	10.3	-0.2	0.01	0.00	-0.01	0.3	NNW
7/23/2024 14:52:00	10.6	10.5	-0.1	0.01	0.00	-0.01	0.3	SSE
7/23/2024 14:53:00	9.8	10.7	0.9	0.01	0.00	-0.01	0.3	NW
7/23/2024 14:54:00	9.8	10.9	1.1	0.01	0.00	-0.01	0.4	WNW
7/23/2024 14:55:00	9.9	10.8	0.9	0.01	0.00	-0.01	0.4	NW
7/23/2024 14:56:00	10.1	11.0	0.9	0.01	0.00	-0.01	0.4	WNW
7/23/2024 14:57:00	10.0	11.2	1.2	0.01	0.00	-0.01	0.5	W
7/23/2024 14:58:00	10.2	10.7	0.5	0.01	0.00	0.00	0.5	WNW
7/23/2024 14:59:00	10.3	10.5	0.2	0.01	0.01	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
7/23/2024 15:00:00	10.3	10.5	0.2	0.01	0.01	0.00	0.4	SSW
7/23/2024 15:01:00	10.3	10.6	0.3	0.00	0.01	0.01	0.4	WNW