

**DAILY FIELD REPORT 276**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	October 1, 2024
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	7:00 am to 3:00 pm
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**Consultant:** Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

**Construction Manager:** Consigli Construction Co., Inc. (Consigli)

**Foundation Contractor:** Urban Foundation/Engineering (Urban)

**Langan Field Personnel:**  
Pepper Greenley (Environmental)

**Work Activities Performed:**

- Urban placed orange snow fencing and backfilled in an about 20-foot-long by 20-foot-wide area in the southeast corner of the site with imported ASTM #57 0.75-inch stone to development grade.

**Material Tracking:**

- No soil/fill was exported from the site.
- The following materials were imported to the site:
  - 1 load (about 17 cubic yards) of ASTM #57 0.75-inch stone sourced from Tilcon Clinton Point Quarry via Pier J – Brooklyn Navy Yard distribution facility located in Brooklyn, NY.

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	338	6,760	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	-	1	17	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)
	6	120	3	51	3	60	34	578
Approved Quantity	-	500	-	500	-	200	-	600

**Samples Collected:**

- No samples were collected.

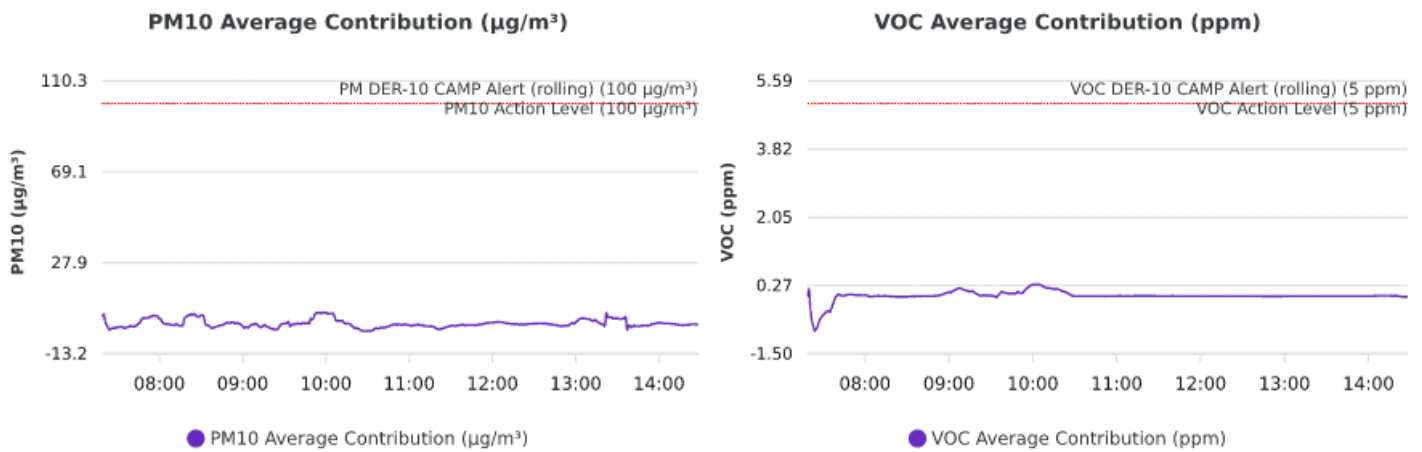
**Air Monitoring:**

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 µg/m<sup>3</sup> 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 µg/m<sup>3</sup> or 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m <sup>3</sup> )		Organic Vapor Monitoring (ppm)	
Daily Background	1.2	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-2.9	VOC Average Site Contribution (Minimum)	-0.91
PM10 Average Site Contribution (Maximum)	5.5	VOC Average Site Contribution (Maximum)	0.30

µg/m<sup>3</sup>: micrograms per cubic meter.

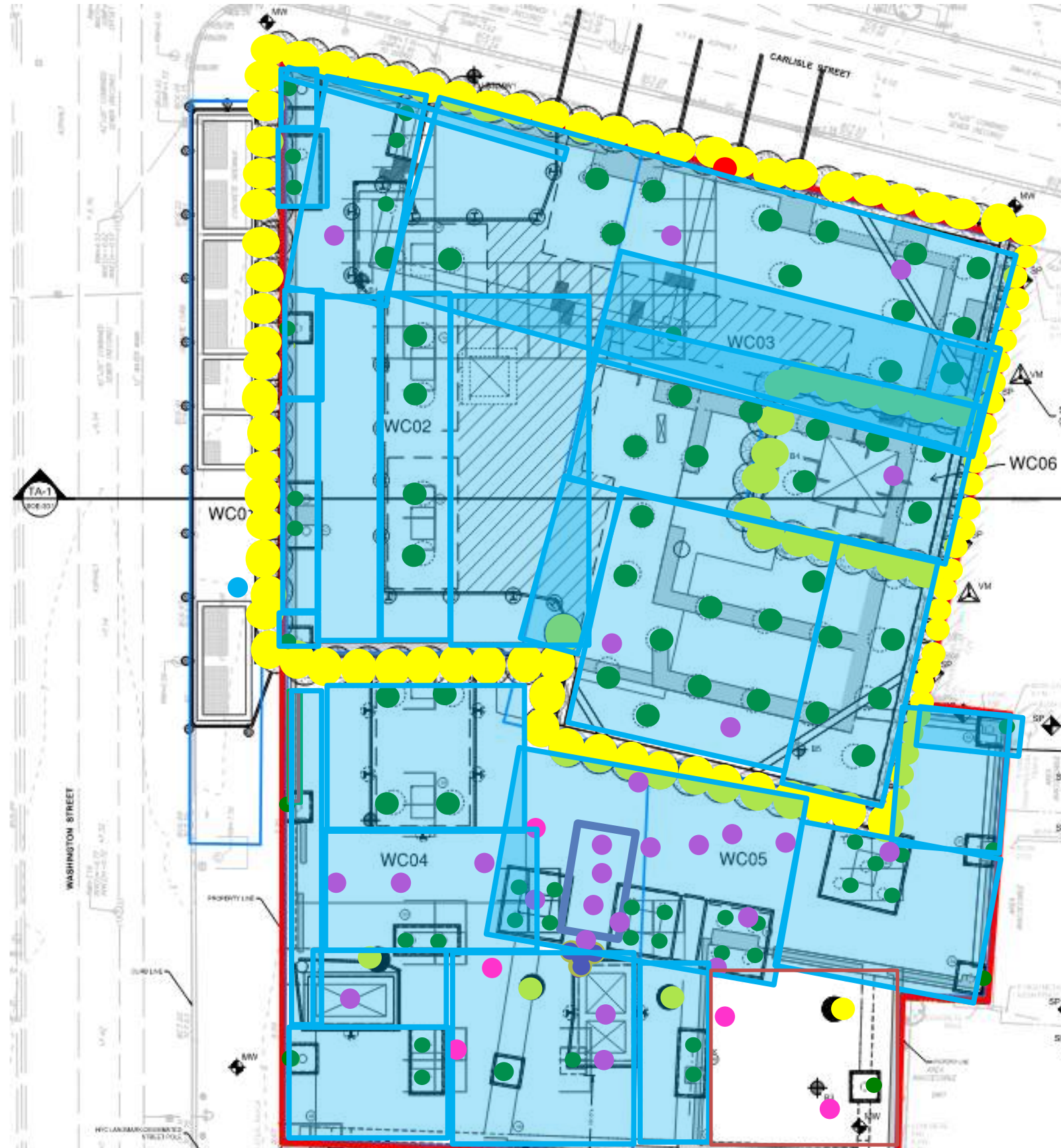
ppm: parts per million.



**Planned Activities:**

- Post-remediation groundwater monitoring wells will be installed the week of 10/7.

**SITE PLAN**









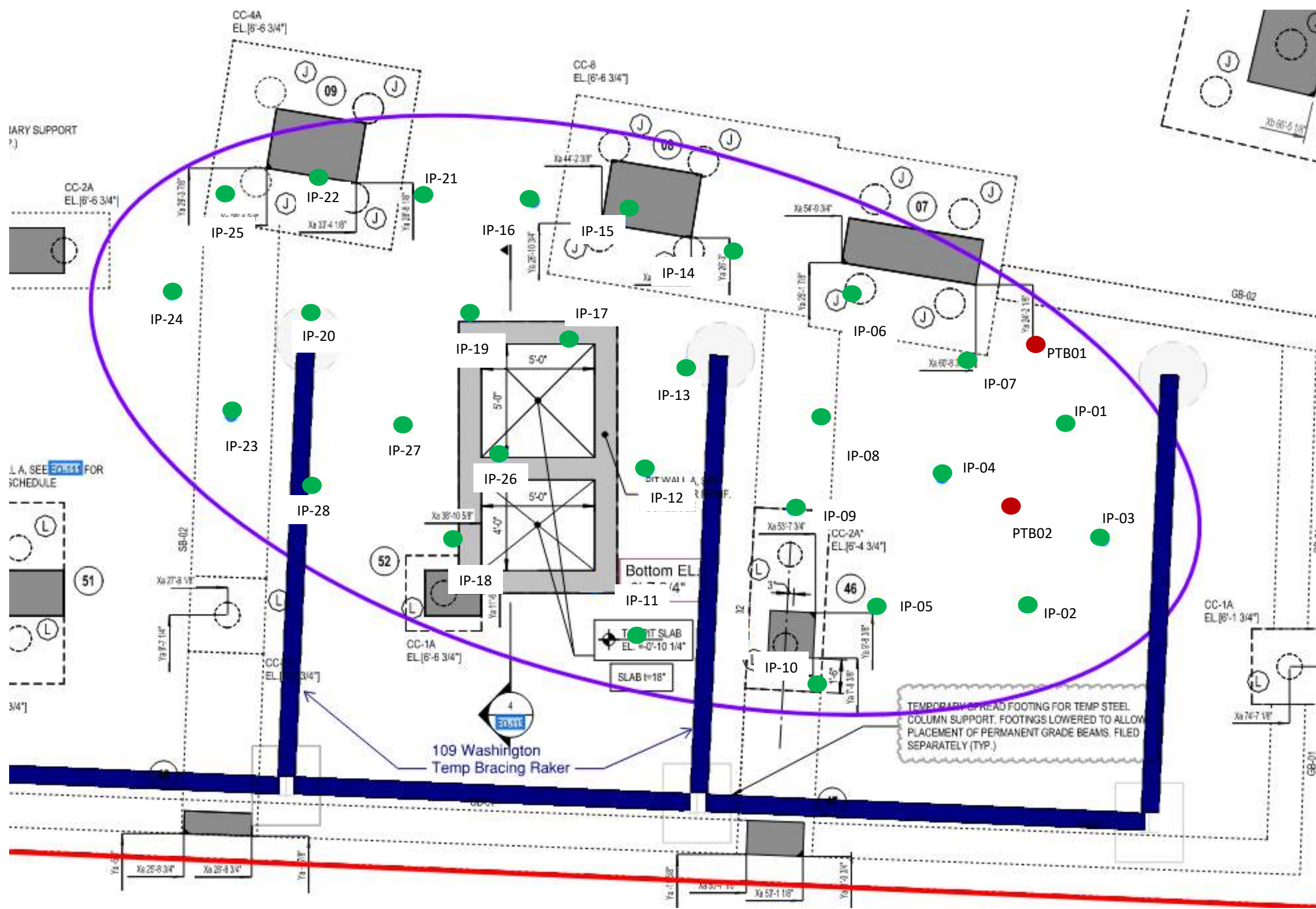
- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile – Soil (no impacts)**
- **Stockpile – C&D**
- **Stockpile – Imported Clean Fill**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- **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 backfilling over orange snow fencing in the southeast corner of the site (facing east).



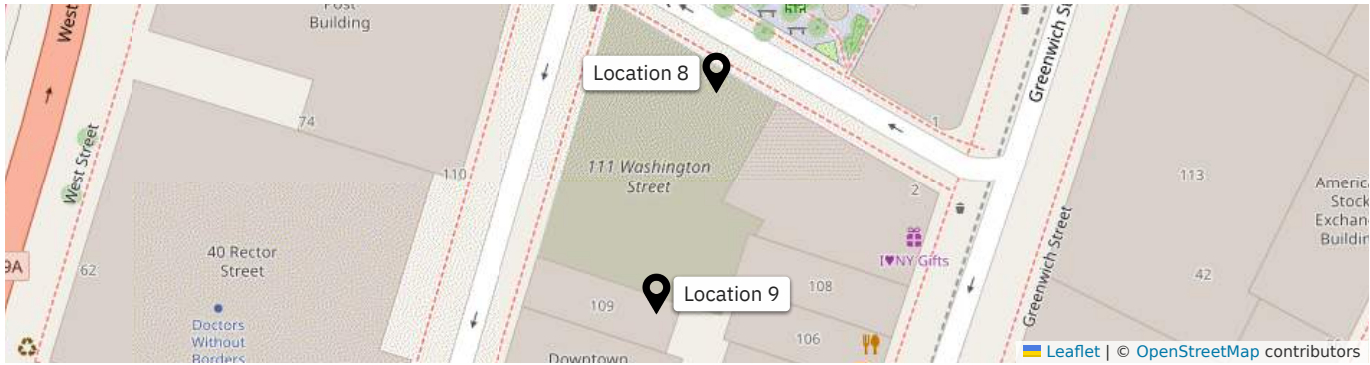
**Photo 2:** General view of the backfilled area in the southeast corner (facing southeast).



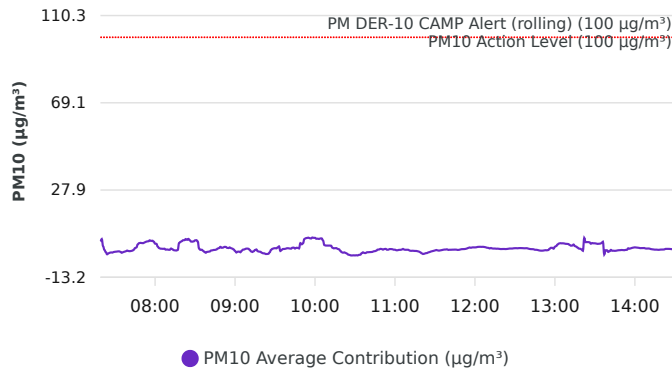
<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	10/1/2024 06:00
		<b>To:</b>	10/1/2024 17:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
10/1/2024	0.3-3.1	SW

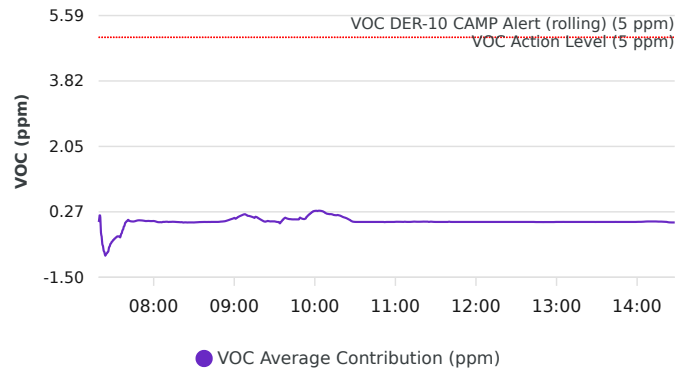
Daily Monitoring Summary	PM10 ( $\mu\text{g}/\text{m}^3$ )	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 10/1/2024	-2.9	10:27	-0.91	07:24
Max Contribution (15 min avg.) - 10/1/2024	5.5	09:58	0.30	10:03



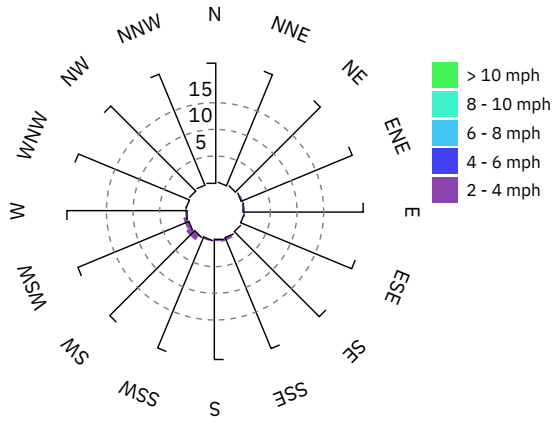
**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**



**VOC Average Contribution (ppm)**



Contribution wind rose (mph)





Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/1/2024 07:17:00							0.3	NE
10/1/2024 07:18:00							1.1	SSE
10/1/2024 07:19:00	1.2	4.8	3.7	0.00	0.00	0.00	1.2	S
10/1/2024 07:20:00	2.9	7.7	4.8	0.00	0.20	0.20	0.8	NE
10/1/2024 07:21:00	5.3	6.7	1.4	0.49	0.13	-0.36	0.9	SE
10/1/2024 07:22:00	6.5	6.2	-0.3	0.73	0.10	-0.63	0.8	SSW
10/1/2024 07:23:00	7.2	5.9	-1.4	0.88	0.08	-0.80	0.8	S
10/1/2024 07:24:00	7.7	5.3	-2.4	0.97	0.07	-0.91	0.8	SSW
10/1/2024 07:25:00	7.0	5.0	-2.0	0.91	0.06	-0.85	0.8	SSE
10/1/2024 07:26:00	6.5	4.8	-1.6	0.86	0.05	-0.81	0.8	S
10/1/2024 07:27:00	6.2	4.7	-1.5	0.77	0.09	-0.67	0.7	NE
10/1/2024 07:28:00	6.0	4.5	-1.6	0.69	0.10	-0.59	0.5	NW
10/1/2024 07:29:00	5.7	4.5	-1.3	0.63	0.10	-0.53	0.5	W
10/1/2024 07:30:00	5.6	4.4	-1.2	0.58	0.09	-0.49	0.5	WSW
10/1/2024 07:31:00	5.4	4.3	-1.1	0.53	0.08	-0.45	0.5	SSW
10/1/2024 07:32:00	5.2	4.2	-1.0	0.49	0.07	-0.42	0.6	SSE
10/1/2024 07:33:00	5.0	4.0	-1.0	0.46	0.07	-0.39	0.5	SSW
10/1/2024 07:34:00	5.2	3.9	-1.2	0.46	0.07	-0.39	0.5	SSW
10/1/2024 07:35:00	5.1	3.4	-1.7	0.46	0.05	-0.41	0.6	SW
10/1/2024 07:36:00	4.6	3.3	-1.4	0.36	0.05	-0.32	0.6	WSW
10/1/2024 07:37:00	4.3	3.1	-1.2	0.27	0.05	-0.21	0.6	S
10/1/2024 07:38:00	3.9	2.9	-1.0	0.17	0.05	-0.12	0.6	SSE
10/1/2024 07:39:00	3.4	2.8	-0.6	0.07	0.06	-0.02	0.6	SSW
10/1/2024 07:40:00	3.6	2.7	-0.8	0.04	0.06	0.02	0.6	SW
10/1/2024 07:41:00	3.6	2.7	-0.9	0.00	0.06	0.06	0.6	SW
10/1/2024 07:42:00	3.6	2.8	-0.8	0.00	0.03	0.03	0.7	SE
10/1/2024 07:43:00	3.5	2.8	-0.7	0.00	0.02	0.02	0.8	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
10/1/2024 07:44:00	3.5	3.3	-0.2	0.00	0.02	0.01	0.8	ENE
10/1/2024 07:45:00	3.5	4.0	0.6	0.01	0.02	0.01	0.7	E
10/1/2024 07:46:00	3.4	4.2	0.8	0.01	0.03	0.02	0.7	NNE
10/1/2024 07:47:00	3.4	5.7	2.3	0.01	0.04	0.03	0.6	ENE
10/1/2024 07:48:00	3.3	6.2	2.9	0.01	0.05	0.04	0.4	NNE
10/1/2024 07:49:00	3.3	6.3	3.0	0.01	0.06	0.04	0.3	NNE
10/1/2024 07:50:00	3.3	6.2	2.9	0.01	0.06	0.04	0.3	WSW
10/1/2024 07:51:00	3.3	6.2	2.9	0.01	0.05	0.04	0.3	WSW
10/1/2024 07:52:00	3.2	6.4	3.2	0.01	0.05	0.04	0.2	NE
10/1/2024 07:53:00	3.1	6.5	3.5	0.02	0.05	0.03	0.2	NNE
10/1/2024 07:54:00	3.0	6.7	3.7	0.03	0.05	0.02	0.3	N
10/1/2024 07:55:00	3.0	6.7	3.8	0.03	0.05	0.03	0.3	S
10/1/2024 07:56:00	2.8	7.0	4.2	0.03	0.06	0.03	0.4	E
10/1/2024 07:57:00	2.9	6.8	3.9	0.03	0.06	0.03	0.3	SW
10/1/2024 07:58:00	2.8	6.8	4.0	0.03	0.06	0.02	0.4	ENE
10/1/2024 07:59:00	2.7	6.3	3.6	0.03	0.06	0.02	0.4	ENE
10/1/2024 08:00:00	2.7	5.4	2.6	0.03	0.06	0.03	0.4	SSE
10/1/2024 08:01:00	2.6	5.2	2.5	0.03	0.05	0.02	0.4	NE
10/1/2024 08:02:00	2.6	3.8	1.2	0.03	0.03	0.01	0.5	ENE
10/1/2024 08:03:00	2.7	3.2	0.6	0.03	0.02	0.00	0.4	S
10/1/2024 08:04:00	2.8	3.1	0.3	0.03	0.02	-0.01	0.3	SSW
10/1/2024 08:05:00	2.8	3.1	0.2	0.03	0.02	-0.01	0.4	SSE
10/1/2024 08:06:00	2.8	3.0	0.2	0.03	0.02	-0.01	0.4	SW
10/1/2024 08:07:00	2.7	3.0	0.3	0.03	0.03	0.00	0.4	NE
10/1/2024 08:08:00	3.0	2.8	-0.2	0.03	0.03	0.00	0.5	SE
10/1/2024 08:09:00	3.0	2.9	-0.1	0.03	0.04	0.01	0.6	E
10/1/2024 08:10:00	3.2	3.0	-0.2	0.03	0.03	0.01	0.6	SSW
10/1/2024 08:11:00	3.3	3.0	-0.3	0.03	0.03	0.00	0.6	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
10/1/2024 08:12:00	3.1	3.4	0.3	0.03	0.03	0.00	0.6	NE
10/1/2024 08:13:00	3.3	3.3	0.0	0.03	0.03	0.00	0.5	W
10/1/2024 08:14:00	3.8	3.3	-0.4	0.02	0.03	0.01	0.6	SE
10/1/2024 08:15:00	4.0	3.4	-0.6	0.02	0.03	0.00	0.5	SSE
10/1/2024 08:16:00	4.1	3.5	-0.6	0.03	0.03	0.00	0.5	E
10/1/2024 08:17:00	4.4	4.0	-0.4	0.03	0.03	0.00	0.5	NNE
10/1/2024 08:18:00	4.4	7.3	2.9	0.03	0.03	0.00	0.5	ENE
10/1/2024 08:19:00	4.3	7.7	3.4	0.03	0.03	-0.01	0.5	ENE
10/1/2024 08:20:00	4.2	8.0	3.8	0.03	0.02	-0.01	0.5	ENE
10/1/2024 08:21:00	4.1	8.3	4.3	0.03	0.02	-0.01	0.6	NE
10/1/2024 08:22:00	4.1	8.4	4.3	0.03	0.01	-0.02	0.6	NNE
10/1/2024 08:23:00	3.9	8.7	4.8	0.02	0.01	-0.01	0.5	NE
10/1/2024 08:24:00	4.0	8.4	4.4	0.02	0.01	-0.01	0.5	SSW
10/1/2024 08:25:00	3.6	8.5	4.9	0.02	0.01	-0.01	0.6	E
10/1/2024 08:26:00	3.8	8.1	4.3	0.02	0.01	-0.01	0.5	S
10/1/2024 08:27:00	4.0	7.6	3.6	0.02	0.00	-0.01	0.5	SSW
10/1/2024 08:28:00	4.0	7.6	3.6	0.01	0.00	-0.01	0.5	SSW
10/1/2024 08:29:00	3.7	7.5	3.7	0.01	0.00	-0.01	0.5	SSE
10/1/2024 08:30:00	3.4	7.5	4.2	0.01	0.00	-0.01	0.4	NNW
10/1/2024 08:31:00	3.1	7.4	4.3	0.01	0.00	-0.01	0.5	ENE
10/1/2024 08:32:00	3.1	6.7	3.7	0.01	0.00	-0.01	0.5	SSE
10/1/2024 08:33:00	3.1	3.4	0.3	0.01	0.00	-0.01	0.5	SSW
10/1/2024 08:34:00	3.3	3.0	-0.3	0.01	0.00	0.00	0.5	SSE
10/1/2024 08:35:00	3.2	3.0	-0.2	0.01	0.00	0.00	0.5	E
10/1/2024 08:36:00	3.4	2.6	-0.7	0.00	0.00	0.00	0.6	S
10/1/2024 08:37:00	3.6	2.4	-1.2	0.00	0.00	0.00	0.7	SSW
10/1/2024 08:38:00	3.8	2.1	-1.6	0.00	0.00	0.00	0.8	SSW
10/1/2024 08:39:00	3.5	2.3	-1.3	0.00	0.00	0.00	0.7	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
10/1/2024 08:40:00	3.6	2.4	-1.2	0.00	0.00	0.00	0.6	N
10/1/2024 08:41:00	3.5	2.5	-1.1	0.00	0.00	0.00	0.6	SE
10/1/2024 08:42:00	3.3	2.7	-0.6	0.00	0.00	0.00	0.5	NE
10/1/2024 08:43:00	3.4	2.9	-0.5	0.00	0.00	0.00	0.5	SSE
10/1/2024 08:44:00	3.5	3.2	-0.3	0.00	0.00	0.00	0.4	SSE
10/1/2024 08:45:00	4.0	3.6	-0.3	0.00	0.00	0.00	0.5	SSW
10/1/2024 08:46:00	4.5	4.4	-0.1	0.00	0.00	0.00	0.6	WSW
10/1/2024 08:47:00	4.7	5.0	0.3	0.00	0.00	0.00	0.6	SW
10/1/2024 08:48:00	4.8	5.3	0.6	0.00	0.00	0.00	0.5	SW
10/1/2024 08:49:00	4.9	6.0	1.1	0.00	0.01	0.00	0.6	SW
10/1/2024 08:50:00	5.2	5.9	0.7	0.00	0.01	0.01	0.6	SSW
10/1/2024 08:51:00	5.3	6.0	0.8	0.00	0.01	0.01	0.6	W
10/1/2024 08:52:00	5.3	6.4	1.1	0.00	0.02	0.01	0.5	WNW
10/1/2024 08:53:00	5.5	6.6	1.1	0.00	0.02	0.02	0.4	SW
10/1/2024 08:54:00	5.8	6.5	0.7	0.00	0.03	0.03	0.6	SW
10/1/2024 08:55:00	6.1	6.7	0.6	0.00	0.04	0.04	0.7	SW
10/1/2024 08:56:00	6.3	7.1	0.8	0.00	0.06	0.05	0.8	SW
10/1/2024 08:57:00	6.7	7.2	0.5	0.00	0.07	0.07	0.8	SSE
10/1/2024 08:58:00	6.9	7.2	0.3	0.00	0.08	0.08	0.9	SSW
10/1/2024 08:59:00	7.4	7.3	-0.1	0.01	0.10	0.09	0.9	SSW
10/1/2024 09:00:00	7.9	7.0	-0.8	0.01	0.12	0.11	0.9	SW
10/1/2024 09:01:00	8.3	6.8	-1.5	0.03	0.12	0.09	0.7	NNE
10/1/2024 09:02:00	8.3	7.2	-1.2	0.03	0.14	0.11	0.7	SW
10/1/2024 09:03:00	8.9	7.8	-1.1	0.03	0.17	0.14	0.7	WSW
10/1/2024 09:04:00	9.3	7.9	-1.4	0.03	0.19	0.15	0.6	SSW
10/1/2024 09:05:00	9.6	8.9	-0.7	0.03	0.20	0.17	0.6	WSW
10/1/2024 09:06:00	9.7	9.6	-0.2	0.03	0.22	0.19	0.6	SW
10/1/2024 09:07:00	9.7	9.6	-0.1	0.03	0.23	0.20	0.7	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
10/1/2024 09:08:00	9.5	9.7	0.2	0.03	0.24	0.21	0.7	SW
10/1/2024 09:09:00	9.5	9.8	0.3	0.04	0.23	0.19	0.6	NW
10/1/2024 09:10:00	9.3	9.5	0.2	0.05	0.22	0.17	0.6	NW
10/1/2024 09:11:00	9.5	9.2	-0.3	0.05	0.21	0.16	0.5	W
10/1/2024 09:12:00	10.2	9.2	-1.0	0.05	0.20	0.15	0.5	SW
10/1/2024 09:13:00	10.7	9.4	-1.3	0.05	0.19	0.14	0.5	SW
10/1/2024 09:14:00	10.7	9.7	-0.9	0.05	0.17	0.13	0.6	SW
10/1/2024 09:15:00	10.1	9.7	-0.4	0.04	0.15	0.11	0.6	SSW
10/1/2024 09:16:00	9.4	9.3	-0.1	0.02	0.16	0.14	0.6	W
10/1/2024 09:17:00	9.6	8.6	-0.9	0.02	0.14	0.13	0.6	WNW
10/1/2024 09:18:00	9.1	8.0	-1.1	0.02	0.12	0.10	0.6	W
10/1/2024 09:19:00	8.8	7.5	-1.2	0.02	0.10	0.08	0.6	SSW
10/1/2024 09:20:00	8.3	6.6	-1.6	0.02	0.08	0.06	0.6	ESE
10/1/2024 09:21:00	8.0	6.1	-1.9	0.02	0.06	0.04	0.5	E
10/1/2024 09:22:00	7.8	5.9	-1.9	0.02	0.04	0.02	0.4	NNE
10/1/2024 09:23:00	7.9	5.7	-2.3	0.02	0.03	0.01	0.3	SSW
10/1/2024 09:24:00	7.9	5.7	-2.3	0.01	0.03	0.02	0.4	SW
10/1/2024 09:25:00	7.9	5.7	-2.1	0.00	0.03	0.03	0.4	NNE
10/1/2024 09:26:00	7.5	6.0	-1.4	0.00	0.02	0.02	0.3	NE
10/1/2024 09:27:00	6.4	6.0	-0.3	0.01	0.02	0.01	0.3	NNW
10/1/2024 09:28:00	5.4	5.6	0.2	0.01	0.02	0.02	0.3	SW
10/1/2024 09:29:00	4.8	5.2	0.4	0.01	0.02	0.01	0.2	N
10/1/2024 09:30:00	4.5	5.0	0.5	0.01	0.02	0.01	0.1	NNE
10/1/2024 09:31:00	4.4	4.8	0.4	0.01	0.01	0.01	0.1	W
10/1/2024 09:32:00	3.9	4.8	0.8	0.01	0.01	0.00	0.1	WNW
10/1/2024 09:33:00	3.7	5.1	1.4	0.01	0.01	0.00	0.2	W
10/1/2024 09:34:00	5.9	5.1	-0.8	0.04	0.01	-0.04	0.2	NW
10/1/2024 09:35:00	6.1	5.8	-0.3	0.04	0.05	0.01	0.3	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
10/1/2024 09:36:00	6.2	6.3	0.1	0.04	0.09	0.05	0.4	WSW
10/1/2024 09:37:00	6.4	6.5	0.1	0.04	0.13	0.09	0.4	SSW
10/1/2024 09:38:00	6.3	6.5	0.3	0.04	0.15	0.11	0.4	SSW
10/1/2024 09:39:00	6.1	6.6	0.5	0.05	0.15	0.10	0.3	NNE
10/1/2024 09:40:00	6.0	6.5	0.5	0.07	0.15	0.09	0.3	NNE
10/1/2024 09:41:00	5.9	6.3	0.3	0.07	0.15	0.08	0.2	ESE
10/1/2024 09:42:00	5.9	6.1	0.3	0.07	0.15	0.07	0.2	NNE
10/1/2024 09:43:00	5.6	6.3	0.7	0.08	0.15	0.07	0.2	NNE
10/1/2024 09:44:00	5.5	6.3	0.8	0.08	0.15	0.07	0.1	E
10/1/2024 09:45:00	5.6	6.0	0.3	0.08	0.15	0.07	0.1	SE
10/1/2024 09:46:00	5.4	6.1	0.7	0.08	0.15	0.07	0.1	N
10/1/2024 09:47:00	5.5	6.1	0.6	0.08	0.15	0.07	0.1	NW
10/1/2024 09:48:00	5.5	5.9	0.4	0.08	0.15	0.07	0.1	WNW
10/1/2024 09:49:00	3.5	6.4	2.9	0.04	0.16	0.12	0.1	WSW
10/1/2024 09:50:00	3.4	5.7	2.3	0.04	0.14	0.10	0.1	W
10/1/2024 09:51:00	3.5	6.3	2.8	0.04	0.13	0.08	0.1	W
10/1/2024 09:52:00	3.5	8.4	4.8	0.04	0.12	0.08	0.2	W
10/1/2024 09:53:00	3.6	8.8	5.2	0.04	0.14	0.09	0.2	SW
10/1/2024 09:54:00	3.8	9.2	5.3	0.03	0.17	0.14	0.2	SW
10/1/2024 09:55:00	4.0	9.5	5.5	0.02	0.19	0.18	0.3	W
10/1/2024 09:56:00	4.4	9.6	5.2	0.01	0.22	0.21	0.4	SW
10/1/2024 09:57:00	4.7	9.7	5.1	0.01	0.24	0.24	0.5	SW
10/1/2024 09:58:00	5.1	10.6	5.5	0.00	0.27	0.27	0.6	WSW
10/1/2024 09:59:00	5.4	10.8	5.4	0.00	0.29	0.29	0.8	SW
10/1/2024 10:00:00	5.5	10.9	5.4	0.00	0.30	0.30	0.9	SW
10/1/2024 10:01:00	5.8	10.8	4.9	0.00	0.30	0.30	1.0	SSW
10/1/2024 10:02:00	5.9	10.8	5.0	0.01	0.30	0.30	0.9	ENE
10/1/2024 10:03:00	5.9	10.8	4.8	0.01	0.31	0.30	0.9	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
10/1/2024 10:04:00	5.8	10.9	5.1	0.01	0.31	0.30	0.9	SW
10/1/2024 10:05:00	5.8	10.9	5.1	0.01	0.30	0.30	0.9	SW
10/1/2024 10:06:00	5.8	10.0	4.1	0.01	0.29	0.29	0.9	SW
10/1/2024 10:07:00	5.9	7.8	1.9	0.01	0.27	0.27	0.9	W
10/1/2024 10:08:00	5.9	7.7	1.7	0.01	0.25	0.24	0.9	W
10/1/2024 10:09:00	5.9	7.6	1.7	0.01	0.23	0.22	0.9	WSW
10/1/2024 10:10:00	6.0	7.7	1.7	0.01	0.22	0.22	0.9	W
10/1/2024 10:11:00	6.0	7.7	1.7	0.01	0.22	0.21	0.9	SSW
10/1/2024 10:12:00	6.0	7.7	1.7	0.01	0.22	0.21	0.9	SW
10/1/2024 10:13:00	6.0	6.8	0.7	0.01	0.21	0.20	1.0	SW
10/1/2024 10:14:00	6.1	6.5	0.4	0.01	0.20	0.19	0.9	WSW
10/1/2024 10:15:00	6.0	6.5	0.5	0.01	0.19	0.18	0.9	SW
10/1/2024 10:16:00	6.0	6.5	0.5	0.01	0.19	0.18	0.9	SSW
10/1/2024 10:17:00	6.2	6.3	0.2	0.00	0.19	0.19	1.0	WSW
10/1/2024 10:18:00	6.2	6.1	0.0	0.00	0.18	0.18	1.0	WNW
10/1/2024 10:19:00	6.2	5.4	-0.8	0.00	0.17	0.17	1.1	SW
10/1/2024 10:20:00	6.4	5.0	-1.4	0.00	0.15	0.15	1.1	WSW
10/1/2024 10:21:00	6.3	4.7	-1.6	0.00	0.13	0.13	1.2	W
10/1/2024 10:22:00	6.1	4.6	-1.5	0.00	0.12	0.12	1.2	NW
10/1/2024 10:23:00	6.0	4.3	-1.8	0.00	0.11	0.11	1.2	WSW
10/1/2024 10:24:00	5.9	3.9	-2.1	0.00	0.09	0.09	1.2	WSW
10/1/2024 10:25:00	5.8	3.2	-2.6	0.00	0.07	0.07	1.2	SW
10/1/2024 10:26:00	5.7	3.0	-2.7	0.00	0.06	0.06	1.4	SW
10/1/2024 10:27:00	5.7	2.8	-2.9	0.00	0.03	0.03	1.3	W
10/1/2024 10:28:00	5.6	2.7	-2.9	0.00	0.01	0.01	1.3	WSW
10/1/2024 10:29:00	5.5	2.6	-2.9	0.00	0.00	0.00	1.4	WSW
10/1/2024 10:30:00	5.5	2.6	-2.9	0.00	0.00	0.00	1.4	SW
10/1/2024 10:31:00	5.4	2.6	-2.8	0.00	0.00	0.00	1.5	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
10/1/2024 10:32:00	5.5	2.6	-2.9	0.00	0.00	0.00	1.5	SSW
10/1/2024 10:33:00	5.4	2.7	-2.6	0.00	0.00	0.00	1.3	NE
10/1/2024 10:34:00	5.3	2.7	-2.6	0.00	0.00	0.00	1.2	S
10/1/2024 10:35:00	4.8	2.9	-1.9	0.00	0.00	0.00	1.1	NW
10/1/2024 10:36:00	4.5	3.0	-1.5	0.00	0.00	0.00	1.0	NNW
10/1/2024 10:37:00	4.6	2.9	-1.8	0.00	0.00	0.00	1.1	SW
10/1/2024 10:38:00	4.7	2.9	-1.8	0.00	0.00	0.00	1.1	SW
10/1/2024 10:39:00	4.5	3.1	-1.4	0.00	0.00	0.00	1.0	WNW
10/1/2024 10:40:00	4.6	3.2	-1.4	0.00	0.00	0.00	1.0	SW
10/1/2024 10:41:00	4.7	3.3	-1.4	0.00	0.00	0.00	0.9	WSW
10/1/2024 10:42:00	4.7	3.4	-1.3	0.00	0.00	0.00	1.0	SSW
10/1/2024 10:43:00	4.7	3.4	-1.3	0.00	0.00	0.00	1.0	W
10/1/2024 10:44:00	4.5	3.5	-1.0	0.00	0.00	0.00	0.8	NE
10/1/2024 10:45:00	4.5	3.6	-0.9	0.00	0.00	0.00	0.7	W
10/1/2024 10:46:00	4.3	3.7	-0.7	0.00	0.00	0.00	0.7	WNW
10/1/2024 10:47:00	4.1	3.9	-0.2	0.00	0.00	0.00	0.6	NE
10/1/2024 10:48:00	4.0	3.9	-0.1	0.00	0.00	0.00	0.6	N
10/1/2024 10:49:00	3.9	4.1	0.2	0.00	0.00	0.00	0.7	WNW
10/1/2024 10:50:00	4.0	4.1	0.1	0.00	0.00	0.00	0.7	WNW
10/1/2024 10:51:00	4.2	4.0	-0.2	0.00	0.00	0.00	0.7	WSW
10/1/2024 10:52:00	4.0	4.2	0.1	0.01	0.00	-0.01	0.6	ESE
10/1/2024 10:53:00	4.0	4.2	0.2	0.01	0.00	0.00	0.6	S
10/1/2024 10:54:00	4.2	4.0	-0.2	0.01	0.01	0.00	0.5	SSW
10/1/2024 10:55:00	4.2	4.0	-0.2	0.01	0.01	0.00	0.5	SSW
10/1/2024 10:56:00	4.1	4.1	0.1	0.01	0.01	0.00	0.4	WNW
10/1/2024 10:57:00	4.1	4.2	0.1	0.01	0.01	0.00	0.3	S
10/1/2024 10:58:00	4.2	4.2	0.0	0.01	0.01	0.00	0.4	WSW
10/1/2024 10:59:00	4.3	4.1	-0.2	0.01	0.01	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
10/1/2024 11:00:00	4.3	4.1	-0.2	0.01	0.01	0.00	0.3	ESE
10/1/2024 11:01:00	4.5	4.0	-0.5	0.01	0.01	0.01	0.3	W
10/1/2024 11:02:00	4.5	4.0	-0.5	0.01	0.01	0.00	0.3	N
10/1/2024 11:03:00	4.4	4.1	-0.3	0.01	0.01	0.00	0.3	N
10/1/2024 11:04:00	4.4	4.1	-0.3	0.01	0.01	0.00	0.2	N
10/1/2024 11:05:00	4.3	4.1	-0.2	0.01	0.01	0.00	0.2	NE
10/1/2024 11:06:00	4.1	4.3	0.1	0.01	0.01	0.00	0.1	N
10/1/2024 11:07:00	4.3	4.1	-0.2	0.00	0.01	0.01	0.1	SE
10/1/2024 11:08:00	4.4	4.1	-0.3	0.00	0.01	0.00	0.2	S
10/1/2024 11:09:00	4.3	4.0	-0.2	0.00	0.01	0.00	0.2	SE
10/1/2024 11:10:00	4.2	4.0	-0.3	0.00	0.01	0.00	0.2	SSW
10/1/2024 11:11:00	4.3	3.7	-0.6	0.00	0.01	0.00	0.3	ESE
10/1/2024 11:12:00	4.4	3.6	-0.8	0.00	0.01	0.00	0.3	S
10/1/2024 11:13:00	4.2	3.5	-0.7	0.00	0.01	0.01	0.4	SSE
10/1/2024 11:14:00	4.2	3.5	-0.8	0.00	0.01	0.01	0.4	S
10/1/2024 11:15:00	4.2	3.4	-0.8	0.00	0.01	0.01	0.3	SW
10/1/2024 11:16:00	4.2	3.3	-0.8	0.00	0.01	0.01	0.4	S
10/1/2024 11:17:00	4.2	3.2	-0.9	0.00	0.01	0.01	0.4	NW
10/1/2024 11:18:00	4.2	3.1	-1.1	0.00	0.01	0.01	0.4	NNW
10/1/2024 11:19:00	4.4	3.0	-1.5	0.00	0.01	0.01	0.4	W
10/1/2024 11:20:00	4.7	2.8	-1.9	0.00	0.01	0.01	0.5	W
10/1/2024 11:21:00	4.9	2.7	-2.2	0.00	0.01	0.01	0.5	SSE
10/1/2024 11:22:00	5.0	2.8	-2.1	0.00	0.01	0.01	0.5	SE
10/1/2024 11:23:00	4.9	3.0	-1.9	0.00	0.01	0.01	0.5	SW
10/1/2024 11:24:00	5.0	3.2	-1.8	0.00	0.01	0.01	0.5	S
10/1/2024 11:25:00	5.0	3.5	-1.5	0.01	0.01	0.00	0.4	E
10/1/2024 11:26:00	4.9	3.6	-1.3	0.01	0.01	0.01	0.5	SSE
10/1/2024 11:27:00	4.8	3.7	-1.1	0.01	0.01	0.01	0.5	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
10/1/2024 11:28:00	4.7	3.8	-0.9	0.01	0.01	0.00	0.5	SE
10/1/2024 11:29:00	4.6	3.8	-0.8	0.01	0.01	0.00	0.4	N
10/1/2024 11:30:00	4.5	4.0	-0.6	0.01	0.01	0.00	0.4	E
10/1/2024 11:31:00	4.5	4.1	-0.4	0.01	0.01	0.00	0.4	SSW
10/1/2024 11:32:00	4.6	4.1	-0.5	0.01	0.01	0.00	0.4	SSW
10/1/2024 11:33:00	4.7	4.0	-0.7	0.01	0.01	0.00	0.5	SW
10/1/2024 11:34:00	4.6	4.1	-0.5	0.01	0.01	0.00	0.6	SSW
10/1/2024 11:35:00	4.5	4.1	-0.4	0.01	0.01	0.00	0.5	N
10/1/2024 11:36:00	4.4	4.2	-0.3	0.01	0.01	0.00	0.3	NNW
10/1/2024 11:37:00	4.3	4.2	-0.1	0.01	0.01	0.00	0.4	S
10/1/2024 11:38:00	4.2	4.1	-0.1	0.01	0.01	0.00	0.3	WSW
10/1/2024 11:39:00	4.1	4.0	0.0	0.01	0.01	0.00	0.3	WSW
10/1/2024 11:40:00	4.2	3.8	-0.3	0.00	0.01	0.01	0.5	SW
10/1/2024 11:41:00	4.1	3.9	-0.3	0.00	0.00	0.00	0.6	SW
10/1/2024 11:42:00	4.1	3.9	-0.3	0.00	0.00	0.00	0.6	SW
10/1/2024 11:43:00	4.2	4.0	-0.2	0.00	0.00	0.00	0.6	NW
10/1/2024 11:44:00	4.2	4.0	-0.2	0.00	0.00	0.00	0.7	W
10/1/2024 11:45:00	4.1	4.0	-0.2	0.00	0.00	0.00	0.8	SSW
10/1/2024 11:46:00	4.1	4.0	-0.2	0.00	0.00	0.00	0.9	SW
10/1/2024 11:47:00	4.3	4.0	-0.3	0.00	0.00	0.00	0.9	SW
10/1/2024 11:48:00	4.3	4.0	-0.3	0.00	0.00	0.00	0.9	W
10/1/2024 11:49:00	4.2	4.1	-0.1	0.00	0.00	0.00	0.9	SSW
10/1/2024 11:50:00	4.2	4.2	0.0	0.00	0.00	0.00	1.0	S
10/1/2024 11:51:00	4.3	4.3	0.1	0.00	0.00	0.00	1.0	SSW
10/1/2024 11:52:00	4.4	4.4	0.1	0.00	0.00	0.00	1.0	WSW
10/1/2024 11:53:00	4.5	4.6	0.2	0.00	0.00	0.00	1.0	SSW
10/1/2024 11:54:00	4.5	4.8	0.4	0.00	0.00	0.00	1.1	SW
10/1/2024 11:55:00	4.5	5.1	0.6	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
10/1/2024 11:56:00	4.5	5.3	0.8	0.00	0.00	0.00	1.1	SW
10/1/2024 11:57:00	4.6	5.3	0.7	0.00	0.00	0.00	1.0	N
10/1/2024 11:58:00	4.6	5.4	0.9	0.00	0.00	0.00	1.1	WSW
10/1/2024 11:59:00	4.7	5.6	0.9	0.00	0.00	0.00	1.1	SW
10/1/2024 12:00:00	4.9	5.7	0.9	0.00	0.00	0.00	1.1	SW
10/1/2024 12:01:00	4.9	5.8	0.9	0.00	0.00	0.00	1.1	SSW
10/1/2024 12:02:00	4.7	5.8	1.1	0.00	0.00	0.00	1.2	SSW
10/1/2024 12:03:00	4.7	5.8	1.1	0.00	0.00	0.00	1.2	SW
10/1/2024 12:04:00	4.7	5.8	1.1	0.00	0.00	0.00	1.3	SW
10/1/2024 12:05:00	4.6	5.7	1.1	0.00	0.00	0.00	1.3	WSW
10/1/2024 12:06:00	4.4	5.6	1.1	0.00	0.00	0.00	1.3	WSW
10/1/2024 12:07:00	4.3	5.3	1.1	0.00	0.00	0.00	1.4	SW
10/1/2024 12:08:00	4.1	5.0	0.9	0.00	0.00	0.00	1.5	SW
10/1/2024 12:09:00	4.0	4.8	0.7	0.00	0.00	0.00	1.3	NNW
10/1/2024 12:10:00	3.9	4.5	0.7	0.00	0.00	0.00	1.2	NW
10/1/2024 12:11:00	3.9	4.3	0.4	0.00	0.00	0.00	1.1	SSW
10/1/2024 12:12:00	3.7	4.3	0.6	0.00	0.00	0.00	1.3	SW
10/1/2024 12:13:00	3.7	4.1	0.4	0.00	0.00	0.00	1.2	NNW
10/1/2024 12:14:00	3.6	3.9	0.3	0.00	0.00	0.00	1.1	WNW
10/1/2024 12:15:00	3.5	3.8	0.3	0.00	0.00	0.00	1.0	WSW
10/1/2024 12:16:00	3.4	3.7	0.2	0.00	0.00	0.00	1.0	SW
10/1/2024 12:17:00	3.3	3.6	0.3	0.00	0.00	0.00	0.9	SSW
10/1/2024 12:18:00	3.3	3.5	0.2	0.00	0.00	0.00	0.8	SSE
10/1/2024 12:19:00	3.4	3.5	0.1	0.00	0.00	0.00	0.8	SW
10/1/2024 12:20:00	3.5	3.6	0.1	0.00	0.00	0.00	0.7	SSW
10/1/2024 12:21:00	3.5	3.7	0.1	0.00	0.00	0.00	0.7	S
10/1/2024 12:22:00	3.6	3.7	0.1	0.00	0.00	0.00	0.5	N
10/1/2024 12:23:00	3.7	3.8	0.1	0.00	0.00	0.00	0.5	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
10/1/2024 12:24:00	3.8	3.9	0.1	0.00	0.00	0.00	0.5	WSW
10/1/2024 12:25:00	3.9	4.1	0.2	0.00	0.00	0.00	0.5	WSW
10/1/2024 12:26:00	3.8	4.2	0.3	0.00	0.00	0.00	0.5	W
10/1/2024 12:27:00	3.9	4.2	0.3	0.00	0.00	0.00	0.5	WSW
10/1/2024 12:28:00	4.0	4.3	0.3	0.00	0.00	0.00	0.6	SSW
10/1/2024 12:29:00	4.0	4.4	0.4	0.00	0.00	0.00	0.6	SW
10/1/2024 12:30:00	4.0	4.5	0.5	0.00	0.00	0.00	0.6	SSW
10/1/2024 12:31:00	4.1	4.6	0.5	0.00	0.00	0.00	0.5	N
10/1/2024 12:32:00	4.2	4.6	0.5	0.00	0.00	0.00	0.5	WSW
10/1/2024 12:33:00	4.3	4.8	0.5	0.00	0.00	0.00	0.5	SSE
10/1/2024 12:34:00	4.3	4.9	0.6	0.00	0.00	0.00	0.4	NNE
10/1/2024 12:35:00	4.4	4.9	0.5	0.00	0.00	0.00	0.4	NNE
10/1/2024 12:36:00	4.4	4.9	0.5	0.00	0.00	0.00	0.3	ENE
10/1/2024 12:37:00	4.5	5.0	0.5	0.00	0.00	0.00	0.4	SW
10/1/2024 12:38:00	4.6	5.1	0.5	0.00	0.00	0.00	0.4	SSW
10/1/2024 12:39:00	4.7	5.2	0.5	0.00	0.00	0.00	0.5	SW
10/1/2024 12:40:00	4.8	5.1	0.3	0.00	0.00	0.00	0.5	SSW
10/1/2024 12:41:00	5.0	5.2	0.1	0.00	0.00	0.00	0.5	SSW
10/1/2024 12:42:00	5.3	5.3	0.1	0.00	0.00	0.00	0.4	ESE
10/1/2024 12:43:00	5.3	5.3	0.0	0.00	0.00	0.00	0.3	E
10/1/2024 12:44:00	5.5	5.5	0.0	0.00	0.00	0.00	0.2	ENE
10/1/2024 12:45:00	5.8	5.5	-0.3	0.00	0.00	0.00	0.1	NW
10/1/2024 12:46:00	5.9	5.6	-0.3	0.00	0.00	0.00	0.2	SSW
10/1/2024 12:47:00	6.0	5.7	-0.3	0.00	0.00	0.00	0.3	SW
10/1/2024 12:48:00	6.1	5.6	-0.5	0.00	0.00	0.00	0.3	SW
10/1/2024 12:49:00	6.2	5.5	-0.7	0.00	0.00	0.00	0.4	W
10/1/2024 12:50:00	6.2	5.5	-0.7	0.00	0.00	0.00	0.4	WNW
10/1/2024 12:51:00	6.1	5.5	-0.7	0.00	0.00	0.00	0.5	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
10/1/2024 12:52:00	6.0	5.5	-0.5	0.00	0.00	0.00	0.6	SW
10/1/2024 12:53:00	5.9	5.5	-0.5	0.00	0.00	0.00	0.6	WSW
10/1/2024 12:54:00	5.9	5.4	-0.5	0.00	0.00	0.00	0.7	SW
10/1/2024 12:55:00	5.8	5.4	-0.4	0.00	0.00	0.00	0.8	W
10/1/2024 12:56:00	5.7	5.9	0.2	0.00	0.00	0.00	0.9	WSW
10/1/2024 12:57:00	5.6	6.3	0.7	0.00	0.00	0.00	1.0	SW
10/1/2024 12:58:00	6.1	6.8	0.7	0.00	0.00	0.00	1.0	NNW
10/1/2024 12:59:00	6.7	7.0	0.3	0.00	0.00	0.00	1.1	NNE
10/1/2024 13:00:00	6.6	7.8	1.2	0.00	0.00	0.00	1.1	SW
10/1/2024 13:01:00	6.7	8.2	1.5	0.00	0.00	0.00	1.1	W
10/1/2024 13:02:00	6.8	9.1	2.2	0.00	0.00	0.00	1.1	SSW
10/1/2024 13:03:00	6.9	9.6	2.7	0.00	0.00	0.00	1.1	SW
10/1/2024 13:04:00	7.1	10.0	2.9	0.00	0.00	0.00	1.0	SSE
10/1/2024 13:05:00	7.3	10.1	2.8	0.00	0.00	0.00	1.0	SSW
10/1/2024 13:06:00	7.5	10.3	2.8	0.00	0.00	0.00	1.0	SW
10/1/2024 13:07:00	7.6	10.3	2.7	0.00	0.00	0.00	1.0	SW
10/1/2024 13:08:00	7.8	10.3	2.6	0.00	0.00	0.00	0.9	SW
10/1/2024 13:09:00	7.8	10.3	2.5	0.00	0.00	0.00	0.8	NNW
10/1/2024 13:10:00	7.8	10.2	2.5	0.00	0.00	0.00	0.8	SW
10/1/2024 13:11:00	7.7	9.8	2.1	0.00	0.00	0.00	0.7	WSW
10/1/2024 13:12:00	7.6	9.3	1.7	0.00	0.00	0.00	0.6	SW
10/1/2024 13:13:00	7.2	8.9	1.7	0.00	0.00	0.00	0.7	SSW
10/1/2024 13:14:00	6.5	8.7	2.2	0.00	0.00	0.00	0.8	SSW
10/1/2024 13:15:00	6.4	7.9	1.5	0.00	0.00	0.00	0.8	SW
10/1/2024 13:16:00	6.3	7.5	1.2	0.00	0.00	0.00	0.8	W
10/1/2024 13:17:00	5.9	6.7	0.8	0.00	0.00	0.00	0.9	SSW
10/1/2024 13:18:00	5.8	6.1	0.3	0.00	0.00	0.00	0.9	SW
10/1/2024 13:19:00	5.5	5.7	0.2	0.00	0.00	0.00	0.9	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
10/1/2024 13:20:00	5.7	5.6	-0.1	0.00	0.00	0.00	0.9	SSW
10/1/2024 13:21:00	6.3	5.6	-0.7	0.00	0.00	0.00	0.8	WSW
10/1/2024 13:22:00	6.3	11.7	5.3	0.00	0.00	0.00	0.7	NE
10/1/2024 13:23:00	8.4	11.8	3.3	0.00	0.00	0.00	0.6	SSW
10/1/2024 13:24:00	8.5	11.9	3.4	0.00	0.00	0.00	0.7	SSW
10/1/2024 13:25:00	8.6	12.0	3.4	0.00	0.00	0.00	0.7	SSW
10/1/2024 13:26:00	8.8	12.0	3.3	0.00	0.00	0.00	0.8	SW
10/1/2024 13:27:00	9.4	12.1	2.6	0.00	0.00	0.00	0.8	SW
10/1/2024 13:28:00	9.5	12.4	2.9	0.00	0.00	0.00	0.7	NNW
10/1/2024 13:29:00	9.6	12.4	2.8	0.00	0.00	0.00	0.6	NE
10/1/2024 13:30:00	9.6	12.4	2.8	0.00	0.00	0.00	0.7	SW
10/1/2024 13:31:00	9.7	12.4	2.7	0.00	0.00	0.00	0.6	NNW
10/1/2024 13:32:00	9.8	12.3	2.5	0.00	0.00	0.00	0.5	NE
10/1/2024 13:33:00	9.7	12.3	2.6	0.00	0.00	0.00	0.4	SSE
10/1/2024 13:34:00	9.7	12.4	2.7	0.00	0.00	0.00	0.5	SSW
10/1/2024 13:35:00	9.4	12.3	2.9	0.00	0.00	0.00	0.4	NW
10/1/2024 13:36:00	8.7	12.3	3.5	0.00	0.00	0.00	0.4	SSW
10/1/2024 13:37:00	8.6	6.1	-2.5	0.00	0.00	0.00	0.5	SW
10/1/2024 13:38:00	6.5	6.0	-0.5	0.00	0.00	0.00	0.4	ENE
10/1/2024 13:39:00	6.7	6.2	-0.5	0.00	0.00	0.00	0.4	SSW
10/1/2024 13:40:00	7.6	6.3	-1.3	0.00	0.00	0.00	0.4	S
10/1/2024 13:41:00	7.6	6.7	-0.9	0.00	0.00	0.00	0.2	ENE
10/1/2024 13:42:00	7.0	6.7	-0.3	0.00	0.00	0.00	0.2	E
10/1/2024 13:43:00	7.1	6.4	-0.7	0.00	0.00	0.00	0.3	SSW
10/1/2024 13:44:00	7.0	6.3	-0.7	0.00	0.00	0.00	0.4	SE
10/1/2024 13:45:00	7.0	6.2	-0.8	0.00	0.00	0.00	0.4	E
10/1/2024 13:46:00	7.0	6.3	-0.7	0.00	0.00	0.00	0.5	SSE
10/1/2024 13:47:00	6.9	6.4	-0.6	0.00	0.00	0.00	0.6	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
10/1/2024 13:48:00	6.9	6.5	-0.5	0.00	0.00	0.00	0.6	SW
10/1/2024 13:49:00	6.9	6.5	-0.4	0.00	0.00	0.00	0.6	SW
10/1/2024 13:50:00	6.9	6.5	-0.3	0.00	0.00	0.00	0.5	W
10/1/2024 13:51:00	6.8	6.5	-0.4	0.00	0.00	0.00	0.5	W
10/1/2024 13:52:00	6.8	6.3	-0.5	0.00	0.00	0.00	0.3	NNW
10/1/2024 13:53:00	6.7	6.3	-0.3	0.00	0.00	0.00	0.5	S
10/1/2024 13:54:00	6.4	6.1	-0.3	0.00	0.00	0.00	0.4	WNW
10/1/2024 13:55:00	5.5	5.9	0.4	0.00	0.00	0.00	0.3	NE
10/1/2024 13:56:00	5.3	5.6	0.3	0.00	0.00	0.00	0.5	SSW
10/1/2024 13:57:00	5.2	5.6	0.4	0.00	0.00	0.00	0.6	SSW
10/1/2024 13:58:00	5.0	5.7	0.7	0.00	0.00	0.00	0.6	S
10/1/2024 13:59:00	4.9	5.7	0.8	0.00	0.00	0.00	0.6	SW
10/1/2024 14:00:00	4.8	5.7	0.9	0.00	0.00	0.00	0.7	SE
10/1/2024 14:01:00	4.8	5.6	0.8	0.00	0.00	0.00	0.6	SSE
10/1/2024 14:02:00	4.9	5.6	0.7	0.00	0.00	0.00	0.5	N
10/1/2024 14:03:00	5.0	5.6	0.7	0.00	0.00	0.00	0.4	NE
10/1/2024 14:04:00	5.0	5.5	0.5	0.00	0.01	0.01	0.5	S
10/1/2024 14:05:00	5.0	5.5	0.5	0.00	0.01	0.01	0.5	S
10/1/2024 14:06:00	5.0	5.6	0.6	0.00	0.01	0.01	0.5	ESE
10/1/2024 14:07:00	5.1	5.7	0.6	0.00	0.01	0.01	0.7	SE
10/1/2024 14:08:00	5.3	5.6	0.4	0.00	0.01	0.01	0.6	SSE
10/1/2024 14:09:00	5.3	5.6	0.3	0.00	0.01	0.01	0.7	SSE
10/1/2024 14:10:00	5.2	5.5	0.4	0.00	0.01	0.01	0.8	S
10/1/2024 14:11:00	5.1	5.4	0.3	0.00	0.01	0.01	0.7	SW
10/1/2024 14:12:00	5.1	5.2	0.1	0.00	0.01	0.01	0.6	NW
10/1/2024 14:13:00	5.1	5.0	0.0	0.00	0.01	0.01	0.6	S
10/1/2024 14:14:00	5.1	5.0	-0.1	0.00	0.01	0.01	0.6	WNW
10/1/2024 14:15:00	5.0	4.8	-0.2	0.00	0.01	0.01	0.5	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
10/1/2024 14:16:00	5.0	4.8	-0.2	0.00	0.01	0.01	0.3	NNW
10/1/2024 14:17:00	4.9	4.7	-0.2	0.00	0.01	0.01	0.3	N
10/1/2024 14:18:00	4.9	4.6	-0.3	0.00	0.01	0.01	0.3	NW
10/1/2024 14:19:00	4.8	4.6	-0.2	0.00	0.01	0.01	0.2	W
10/1/2024 14:20:00	4.7	4.6	-0.1	0.00	0.01	0.01	0.2	SSW
10/1/2024 14:21:00	4.7	4.6	-0.1	0.00	0.00	0.00	0.3	WSW
10/1/2024 14:22:00	4.7	4.6	-0.1	0.00	0.00	0.00	0.3	ENE
10/1/2024 14:23:00	4.6	4.7	0.2	0.01	0.00	-0.01	0.4	NNW
10/1/2024 14:24:00	4.6	4.8	0.2	0.01	0.00	-0.01	0.4	WNW
10/1/2024 14:25:00	4.6	4.8	0.2	0.01	0.00	-0.01	0.4	NNE
10/1/2024 14:26:00	4.6	4.8	0.1	0.01	0.00	-0.01	0.4	NNE
10/1/2024 14:27:00	4.7	4.8	0.1	0.01	0.00	-0.01	0.4	NNE
10/1/2024 14:28:00	4.8	4.8	0.0	0.01	0.00	-0.01	0.6	NNW