

DAILY FIELD REPORT 190

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	February 16, 2024
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	7:00 am to 3:00 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Roswell Lo (Environmental) Junggeun Hwang (Geotechnical)
Construction Manager: Consigli Construction Co., Inc. (Consigli)	
Foundation Contractor: Urban Foundation/Engineering (Urban) Remedial Injection Contractors: Brookside Environmental, Inc. (Brookside) and Coastal Environmental Solutions, Inc. (Coastal)	

Work Activities Performed:

- Urban excavated an about 14-foot-long by about 14-foot-wide area by 8-foot-deep in the southern part of grid WC04 to clear the area of subsurface obstructions. Urban used an excavator to break down and remove concrete obstructions observed within the excavation area.
 - Excavated soil/fill consisted of non-native soil; staining, elevated photoionization detector (PID) readings, or other evidence of a petroleum or chemical release were not observed. Excavated soil/fill was temporarily stockpiled adjacent to the excavation area. Following the removal of the concrete, the non-native soil was temporarily replaced into the excavation area at the approximate corresponding depth and location from which it came.
 - Petroleum-like staining and odors were observed on concrete removed from the excavation area. Elevated PID readings were not observed. The concrete was stockpiled separately on and covered with polyethylene sheeting in the southwestern part of the site, pending off-site disposal.
- Urban continued installing waterproofing/vapor barrier membranes (GCP Preprufe® 300R and related products) in the northern part of the site. Waterproofing/vapor barrier installation observation and documentation is to verify general conformance with specifications and contract documents.
- Brookside and Coastal continued implementation of the groundwater injection program in the southern part of the site. Brookside and Coastal batch-mixed PetroFix® by Regenesis, dilution water, and an electron acceptor blend into an injectate solution. Brookside and Coastal started injection points IP-22, IP-23, IP-24, and IP-25.
 - IP-22, IP-23, IP-24, and IP-25 were completed using a total of about 1,512 gallons of PetroFix injectate solution injected from 7 feet bgs to 22 feet bgs (elevation [el] -1 to el -16).

Material Tracking:

- No soil/fill was exported from the site.
- No material was imported to the site.

Materials Export Summary								
Facility Name	<i>Bayshore Soil Management, LLC</i>		<i>Clean Earth of Carteret, LLC</i>		<i>PPark NJ</i>		<i>Faztec Solutions</i>	
Location	<i>Keasbey, NJ</i>		<i>Carteret, NJ</i>		<i>Prospect Park, NJ</i>		<i>Staten Island, NY</i>	
Type of Waste	<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>C&D</i>	
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	-	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	276	5,520	0	-	15	300

Materials Export Summary		
Facility Name	<i>Dale Transfer Corp.</i>	
Location	<i>West Babylon, NY</i>	
Type of Waste	<i>Concrete</i>	
Today	Number of Loads	Approx. Volume (CY)
	0	-
Total	Number of Loads	Approx. Volume (CY)
	2	40

Materials Import Summary						
Facility Name	<i>Greenpoint Quarry / North Shore Terminal</i>		<i>Stavola Bound Brook / North Shore Terminal</i>		<i>North American Aggregate Mining Operations</i>	
Location	<i>Staten Island, NY</i>		<i>Staten Island, NY</i>		<i>Perth Amboy, NJ</i>	
Type of Material	<i>ASTM #57 0.75-inch Stone</i>		<i>ASTM #2 2.5-inch Stone</i>		<i>Pipe Sand Backfill</i>	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	0	-	0	-	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	6	120	3	60	0	-
Approved Quantity	-	500	-	200	-	300

Samples Collected:

- No samples were collected.

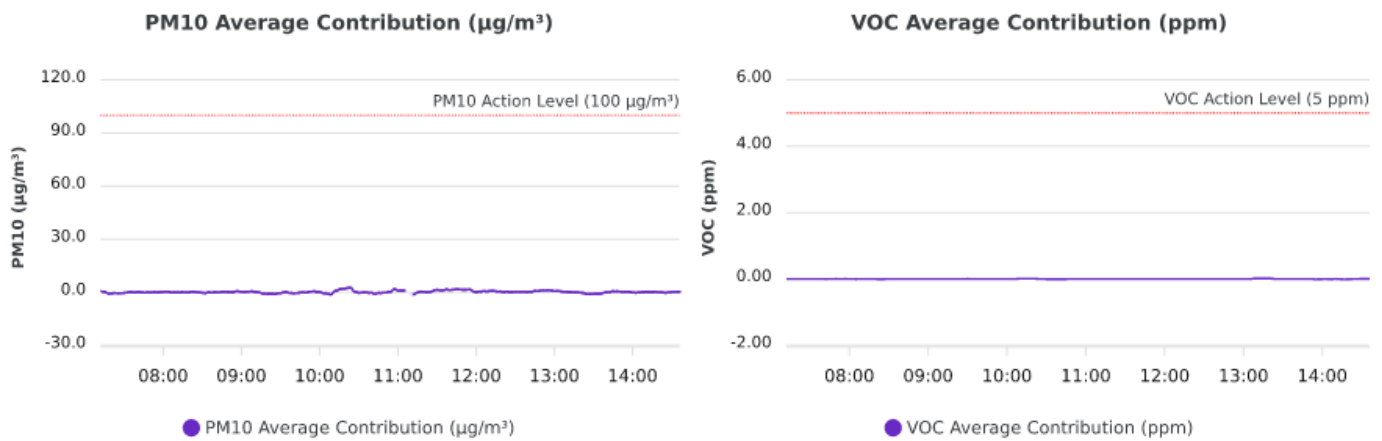
Air Monitoring:

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/m³ 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/m³ or 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	7.0	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-1.6	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	2.6	VOC Average Site Contribution (Maximum)	0.02

µg/m³: micrograms per cubic meter.

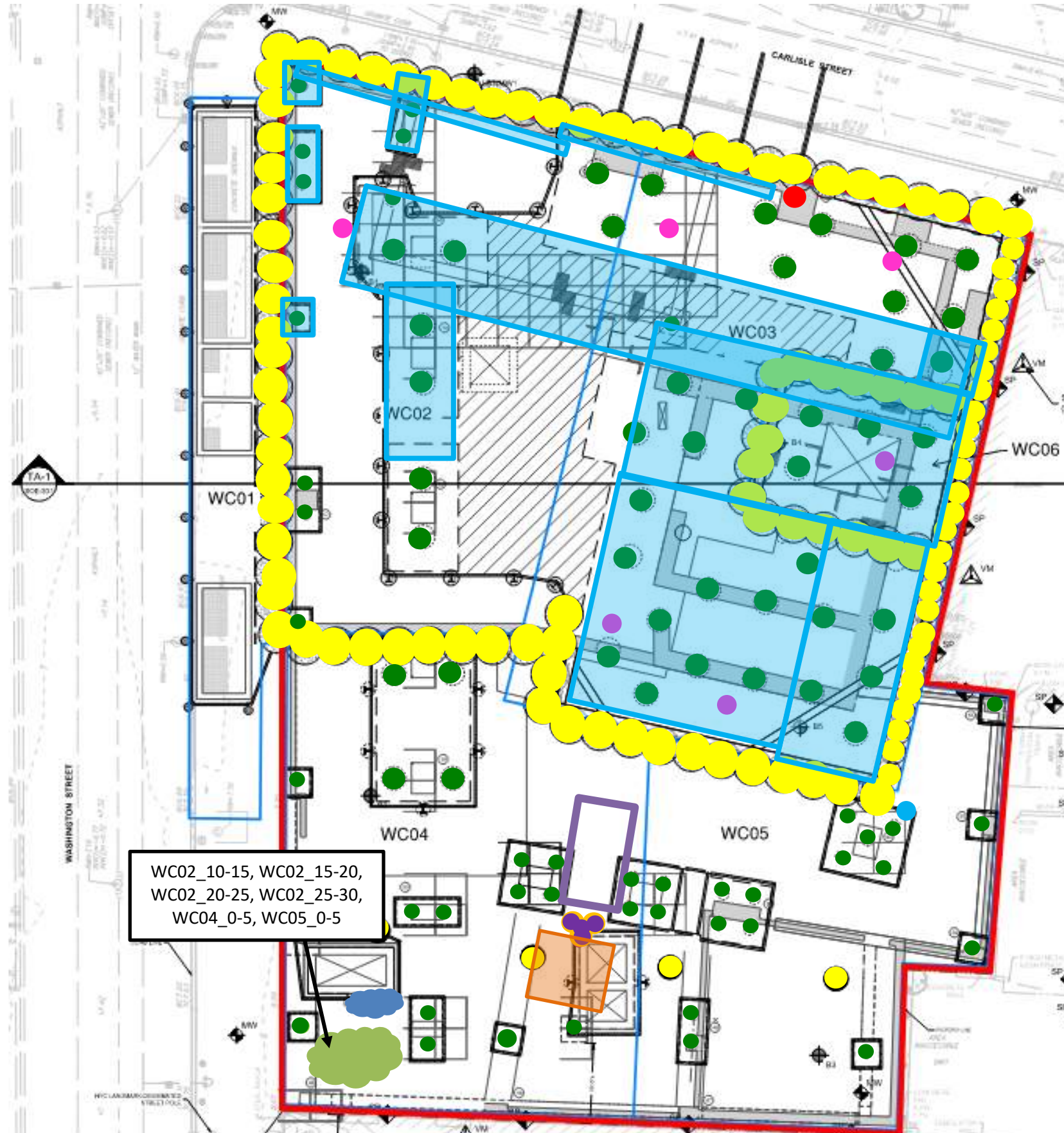
ppm: parts per million.



Planned Activities:

- Urban will continue to excavate and grade site soil/fill in support of foundation installation.
- Urban will continue to advance caissons and soldier piles.
- Brookside and Coastal will continue the remedial injection program.

SITE PLAN









WC02_10-15, WC02_15-20,
 WC02_20-25, WC02_25-30,
 WC04_0-5, WC05_0-5

- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile – Soil (no impacts)**
- **Stockpile – C&D**
- **Stockpile – Timber Piles**
- 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

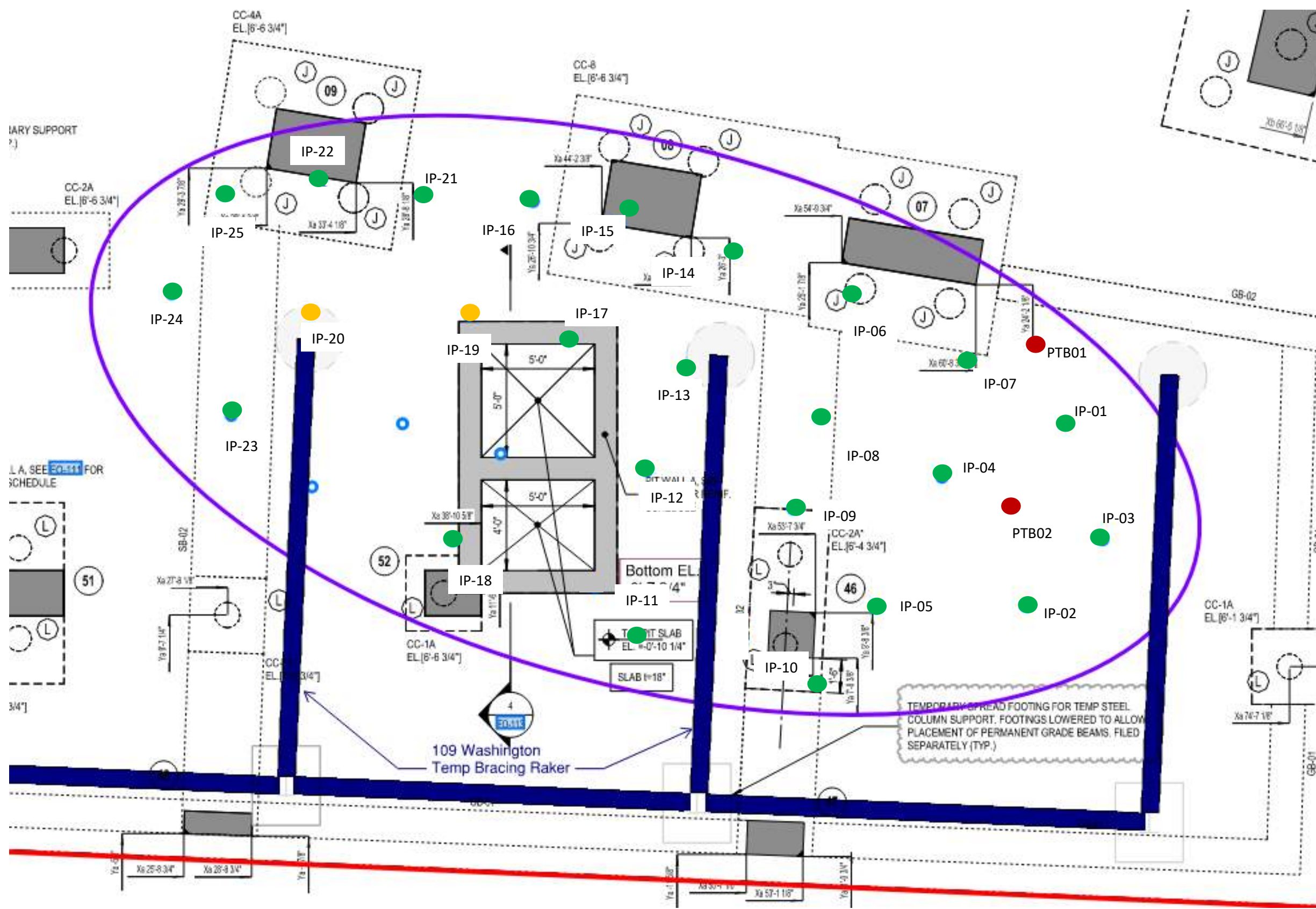


Photo Log

Photo 1: View of Brookside and Coastal injecting batch-mixed PetroFix® in the southern part of the site (facing northwest).



Photo 2: Urban removing concrete in grid WC04 (facing east).



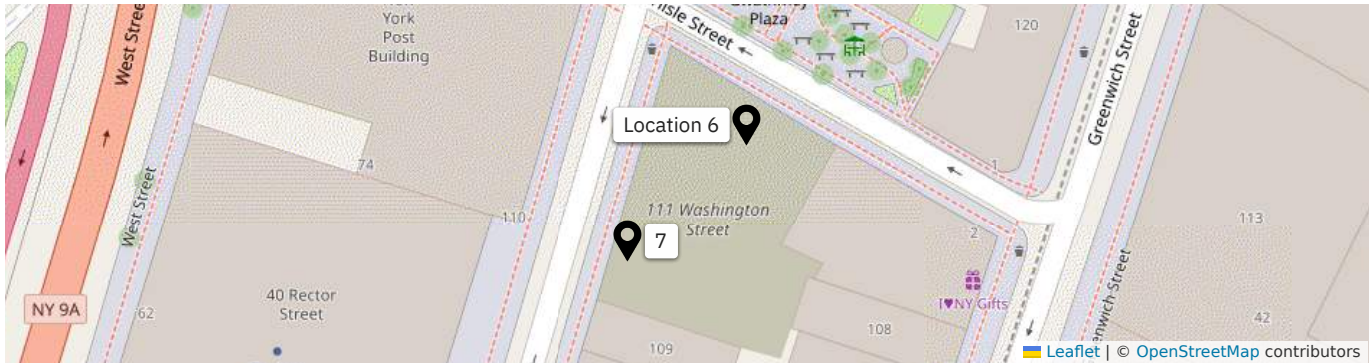
Photo 3: General view of the northern part of the site (facing north).



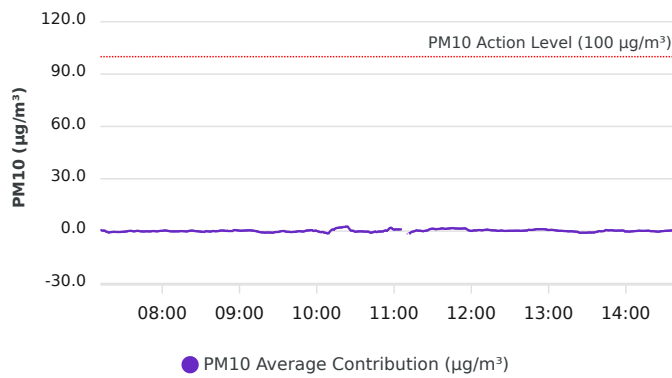
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	2/16/2024 06:00
		To:	2/16/2024 19:00
		PM10 Action Level:	100.0 µg/m³
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
2/16/2024	0.7-5.1	SE

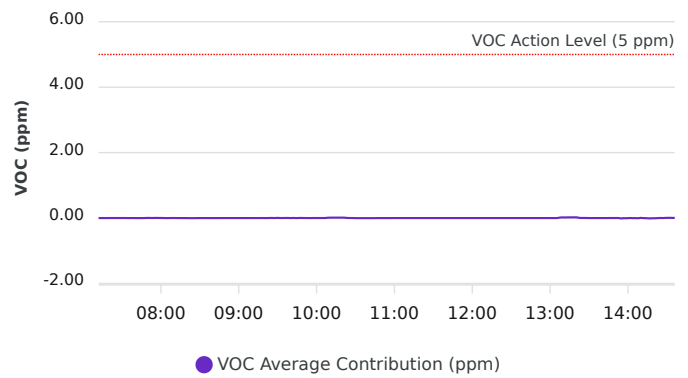
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 2/16/2024	-1.6	11:10	-0.01	13:55
Max Contribution (15 min avg.) - 2/16/2024	2.6	10:23	0.02	13:18



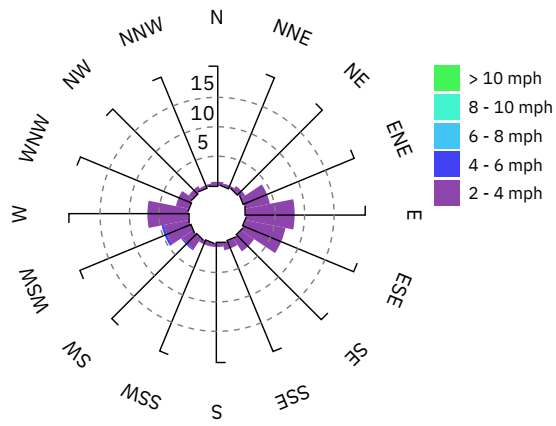
PM10 Average Contribution (µg/m³)



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
2/16/2024 07:12:00	7.0	7.8	0.8	0.00	0.00	0.00	1.5	ESE
2/16/2024 07:13:00	6.3	6.6	0.3	0.00	0.00	0.00	1.6	S
2/16/2024 07:14:00	5.7	6.0	0.3	0.00	0.00	0.00	1.8	E
2/16/2024 07:15:00	5.4	5.7	0.3	0.00	0.00	0.00	1.7	ENE
2/16/2024 07:16:00	5.6	5.3	-0.3	0.00	0.00	0.00	1.8	WNW
2/16/2024 07:17:00	5.6	5.1	-0.5	0.00	0.00	0.00	1.9	SE
2/16/2024 07:18:00	5.9	5.0	-0.9	0.00	0.00	0.00	1.9	E
2/16/2024 07:19:00	5.6	5.0	-0.6	0.00	0.00	0.00	1.9	WSW
2/16/2024 07:20:00	5.4	4.9	-0.5	0.00	0.00	0.00	1.9	ESE
2/16/2024 07:21:00	5.3	4.8	-0.5	0.00	0.00	0.00	2.0	NE
2/16/2024 07:22:00	5.0	4.7	-0.3	0.00	0.00	0.00	2.0	W
2/16/2024 07:23:00	5.0	4.5	-0.5	0.00	0.00	0.00	2.0	ESE
2/16/2024 07:24:00	4.9	4.4	-0.5	0.00	0.00	0.00	2.0	W
2/16/2024 07:25:00	4.8	4.3	-0.5	0.00	0.00	0.00	2.0	WNW
2/16/2024 07:26:00	4.8	4.3	-0.5	0.00	0.00	0.00	2.1	WSW
2/16/2024 07:27:00	4.5	4.0	-0.5	0.00	0.00	0.00	2.2	NE
2/16/2024 07:28:00	4.3	3.9	-0.4	0.00	0.00	0.00	2.2	SSW
2/16/2024 07:29:00	4.3	3.9	-0.4	0.00	0.00	0.00	2.1	SE
2/16/2024 07:30:00	4.2	3.9	-0.4	0.00	0.00	0.00	2.1	WSW
2/16/2024 07:31:00	4.1	3.9	-0.2	0.00	0.00	0.00	2.2	WSW
2/16/2024 07:32:00	4.2	4.0	-0.2	0.00	0.00	0.00	2.1	SE
2/16/2024 07:33:00	4.0	4.2	0.1	0.00	0.00	0.00	2.1	S
2/16/2024 07:34:00	4.1	4.2	0.1	0.00	0.00	0.00	2.1	NW
2/16/2024 07:35:00	4.0	4.2	0.2	0.00	0.00	0.00	2.2	WNW
2/16/2024 07:36:00	4.0	4.2	0.1	0.00	0.00	0.00	2.1	ESE
2/16/2024 07:37:00	4.2	4.1	-0.1	0.00	0.00	0.00	2.1	E
2/16/2024 07:38:00	4.2	4.0	-0.1	0.00	0.00	0.00	2.1	SE
2/16/2024 07:39:00	4.1	4.1	0.0	0.00	0.00	0.00	2.1	WSW
2/16/2024 07:40:00	4.0	4.2	0.2	0.00	0.00	0.00	2.2	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
2/16/2024 07:41:00	4.0	4.1	0.1	0.00	0.00	0.00	2.1	W
2/16/2024 07:42:00	4.1	4.1	0.0	0.00	0.00	0.00	2.1	WSW
2/16/2024 07:43:00	4.1	4.0	-0.1	0.00	0.00	0.00	2.1	ESE
2/16/2024 07:44:00	4.0	3.9	-0.2	0.00	0.00	0.00	2.2	E
2/16/2024 07:45:00	3.9	3.7	-0.2	0.00	0.00	0.00	2.3	NW
2/16/2024 07:46:00	3.8	3.6	-0.2	0.00	0.00	0.00	2.2	ENE
2/16/2024 07:47:00	3.5	3.5	0.0	0.00	0.00	0.00	2.3	E
2/16/2024 07:48:00	3.4	3.3	-0.1	0.00	0.01	0.00	2.3	ESE
2/16/2024 07:49:00	3.3	3.1	-0.1	0.00	0.01	0.00	2.3	E
2/16/2024 07:50:00	3.2	3.0	-0.2	0.00	0.01	0.01	2.2	ESE
2/16/2024 07:51:00	3.1	3.0	-0.1	0.00	0.01	0.00	2.3	WSW
2/16/2024 07:52:00	3.0	3.1	0.1	0.00	0.01	0.00	2.3	SW
2/16/2024 07:53:00	3.0	3.1	0.1	0.00	0.01	0.00	2.3	WNW
2/16/2024 07:54:00	3.1	3.1	0.0	0.00	0.01	0.00	2.2	NE
2/16/2024 07:55:00	3.2	3.1	-0.1	0.00	0.01	0.00	2.2	ESE
2/16/2024 07:56:00	3.1	3.0	-0.1	0.00	0.01	0.00	2.2	ESE
2/16/2024 07:57:00	3.0	3.0	0.0	0.00	0.01	0.00	2.2	S
2/16/2024 07:58:00	2.9	3.1	0.2	0.00	0.01	0.00	2.2	SSW
2/16/2024 07:59:00	3.0	3.1	0.1	0.00	0.00	0.00	2.1	ESE
2/16/2024 08:00:00	3.0	3.2	0.2	0.00	0.00	0.00	2.0	WSW
2/16/2024 08:01:00	2.9	3.3	0.3	0.00	0.00	0.00	2.0	W
2/16/2024 08:02:00	2.9	3.3	0.4	0.00	0.00	0.00	2.0	SW
2/16/2024 08:03:00	3.0	3.2	0.3	0.00	0.00	0.00	2.0	NNE
2/16/2024 08:04:00	3.0	3.1	0.1	0.00	0.00	0.00	2.1	ESE
2/16/2024 08:05:00	3.1	3.1	0.0	0.00	0.00	0.00	2.0	ESE
2/16/2024 08:06:00	3.1	3.0	-0.1	0.00	0.00	0.00	2.0	E
2/16/2024 08:07:00	3.1	3.0	-0.1	0.00	0.00	0.00	1.9	E
2/16/2024 08:08:00	3.0	2.9	-0.1	0.00	0.00	0.00	1.9	ESE
2/16/2024 08:09:00	3.0	2.8	-0.2	0.00	0.00	0.00	2.0	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
2/16/2024 08:10:00	3.0	3.0	-0.1	0.00	0.00	0.00	1.9	SW
2/16/2024 08:11:00	3.1	3.0	-0.1	0.00	0.00	0.00	1.9	NE
2/16/2024 08:12:00	3.1	3.0	-0.1	0.00	0.00	0.00	1.9	SW
2/16/2024 08:13:00	3.1	3.0	-0.1	0.00	0.00	0.00	1.9	S
2/16/2024 08:14:00	3.0	3.1	0.1	0.00	0.00	0.00	2.0	WNW
2/16/2024 08:15:00	3.1	3.1	0.0	0.00	0.00	0.00	2.0	SSE
2/16/2024 08:16:00	3.1	3.1	0.0	0.00	0.00	0.00	2.0	W
2/16/2024 08:17:00	3.2	3.1	0.0	0.00	0.00	0.00	2.0	SSE
2/16/2024 08:18:00	3.2	3.0	-0.1	0.00	0.00	0.00	2.0	NE
2/16/2024 08:19:00	3.1	3.0	-0.2	0.00	0.00	0.00	1.9	E
2/16/2024 08:20:00	3.0	3.0	0.1	0.00	0.00	0.00	2.0	SW
2/16/2024 08:21:00	2.9	3.1	0.2	0.00	0.00	0.00	2.1	W
2/16/2024 08:22:00	2.9	3.2	0.3	0.00	0.00	0.00	2.0	WSW
2/16/2024 08:23:00	2.9	3.2	0.3	0.00	0.00	0.00	2.0	WNW
2/16/2024 08:24:00	3.1	3.3	0.2	0.00	0.00	0.00	2.0	W
2/16/2024 08:25:00	3.3	3.3	0.0	0.00	0.00	0.00	2.0	WSW
2/16/2024 08:26:00	3.5	3.5	0.0	0.00	0.00	0.00	2.1	W
2/16/2024 08:27:00	3.5	3.5	-0.1	0.00	0.00	0.00	2.1	SE
2/16/2024 08:28:00	3.5	3.4	-0.1	0.00	0.00	0.00	2.1	S
2/16/2024 08:29:00	3.5	3.2	-0.3	0.00	0.00	0.00	2.0	E
2/16/2024 08:30:00	3.4	3.1	-0.3	0.00	0.00	0.00	1.9	SSW
2/16/2024 08:31:00	3.5	3.1	-0.4	0.00	0.00	0.00	1.9	SE
2/16/2024 08:32:00	3.5	3.0	-0.5	0.00	0.00	0.00	2.0	ENE
2/16/2024 08:33:00	3.4	3.2	-0.2	0.00	0.00	0.00	2.1	WSW
2/16/2024 08:34:00	3.4	3.5	0.1	0.00	0.00	0.00	2.1	SSE
2/16/2024 08:35:00	3.5	3.3	-0.2	0.00	0.00	0.00	2.0	SE
2/16/2024 08:36:00	3.4	3.3	-0.1	0.00	0.00	0.00	1.9	S
2/16/2024 08:37:00	3.4	3.1	-0.3	0.00	0.00	0.00	2.0	ESE
2/16/2024 08:38:00	3.3	3.2	-0.1	0.00	0.00	0.00	2.1	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
2/16/2024 08:39:00	3.0	3.2	0.1	0.00	0.00	0.00	2.1	W
2/16/2024 08:40:00	3.0	3.0	0.0	0.00	0.00	0.00	2.2	E
2/16/2024 08:41:00	2.9	2.7	-0.1	0.00	0.00	0.00	2.1	NE
2/16/2024 08:42:00	2.7	2.8	0.0	0.00	0.00	0.00	2.0	SSW
2/16/2024 08:43:00	2.9	2.9	0.0	0.00	0.00	0.00	2.2	SW
2/16/2024 08:44:00	3.1	3.3	0.2	0.00	0.00	0.00	2.3	ENE
2/16/2024 08:45:00	3.1	3.5	0.4	0.00	0.00	0.00	2.4	ENE
2/16/2024 08:46:00	3.1	3.4	0.3	0.00	0.00	0.00	2.3	ENE
2/16/2024 08:47:00	3.0	3.4	0.4	0.00	0.00	0.00	2.2	W
2/16/2024 08:48:00	3.0	3.3	0.3	0.00	0.00	0.00	2.2	W
2/16/2024 08:49:00	3.1	3.1	0.0	0.00	0.00	0.00	2.1	E
2/16/2024 08:50:00	2.9	3.2	0.3	0.00	0.00	0.00	2.2	WNW
2/16/2024 08:51:00	3.0	3.0	0.0	0.00	0.00	0.00	2.3	ENE
2/16/2024 08:52:00	3.0	3.0	0.1	0.00	0.00	0.00	2.4	SE
2/16/2024 08:53:00	2.9	3.0	0.1	0.00	0.00	0.00	2.3	SSW
2/16/2024 08:54:00	2.9	3.0	0.0	0.00	0.00	0.00	2.2	WSW
2/16/2024 08:55:00	2.6	3.1	0.5	0.00	0.00	0.00	2.3	W
2/16/2024 08:56:00	2.5	3.2	0.7	0.00	0.00	0.00	2.3	WSW
2/16/2024 08:57:00	2.6	3.1	0.5	0.00	0.00	0.00	2.3	SE
2/16/2024 08:58:00	2.4	2.9	0.5	0.00	0.00	0.00	2.2	ENE
2/16/2024 08:59:00	2.3	2.6	0.3	0.00	0.00	0.00	2.1	W
2/16/2024 09:00:00	2.2	2.5	0.3	0.00	0.00	0.00	2.0	WSW
2/16/2024 09:01:00	2.3	2.5	0.2	0.00	0.00	0.00	2.0	ENE
2/16/2024 09:02:00	2.3	2.6	0.3	0.00	0.00	0.00	2.1	SSE
2/16/2024 09:03:00	2.3	2.5	0.3	0.00	0.00	0.00	2.1	WSW
2/16/2024 09:04:00	2.2	2.6	0.4	0.00	0.00	0.00	2.0	SSE
2/16/2024 09:05:00	2.3	2.6	0.3	0.00	0.00	0.00	2.0	E
2/16/2024 09:06:00	2.3	2.7	0.4	0.00	0.00	0.00	2.0	SSE
2/16/2024 09:07:00	2.3	2.9	0.5	0.00	0.00	0.00	2.0	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
2/16/2024 09:08:00	2.6	3.1	0.5	0.00	0.00	0.00	2.1	SE
2/16/2024 09:09:00	2.8	3.1	0.3	0.00	0.00	0.00	2.2	E
2/16/2024 09:10:00	2.8	3.1	0.3	0.00	0.00	0.00	2.1	SSE
2/16/2024 09:11:00	2.9	3.0	0.2	0.00	0.00	0.00	2.1	E
2/16/2024 09:12:00	2.9	3.0	0.1	0.00	0.00	0.00	2.1	E
2/16/2024 09:13:00	3.1	3.0	0.0	0.00	0.00	0.00	2.3	ENE
2/16/2024 09:14:00	3.3	3.0	-0.3	0.00	0.00	0.00	2.3	ESE
2/16/2024 09:15:00	3.4	2.9	-0.5	0.00	0.00	0.00	2.3	E
2/16/2024 09:16:00	3.4	2.8	-0.6	0.00	0.00	0.00	2.3	SE
2/16/2024 09:17:00	3.5	2.7	-0.8	0.00	0.00	0.00	2.3	E
2/16/2024 09:18:00	3.5	2.8	-0.7	0.00	0.00	0.00	2.3	W
2/16/2024 09:19:00	3.6	2.7	-0.9	0.00	0.00	0.00	2.4	NNW
2/16/2024 09:20:00	3.6	2.8	-0.8	0.00	0.00	0.00	2.3	NW
2/16/2024 09:21:00	3.7	2.9	-0.8	0.00	0.00	0.00	2.3	NW
2/16/2024 09:22:00	3.7	3.0	-0.7	0.00	0.00	0.00	2.2	E
2/16/2024 09:23:00	3.6	2.8	-0.8	0.00	0.00	0.00	2.2	ESE
2/16/2024 09:24:00	3.6	2.9	-0.8	0.00	0.00	0.00	2.1	NE
2/16/2024 09:25:00	3.7	2.7	-1.0	0.00	0.00	0.00	2.1	SE
2/16/2024 09:26:00	3.7	2.9	-0.8	0.00	0.00	0.00	2.0	SW
2/16/2024 09:27:00	3.5	3.0	-0.5	0.00	0.00	0.00	2.0	SW
2/16/2024 09:28:00	3.5	3.0	-0.5	0.00	0.01	0.00	2.0	ESE
2/16/2024 09:29:00	3.5	3.0	-0.5	0.00	0.01	0.00	2.0	NE
2/16/2024 09:30:00	3.5	3.0	-0.5	0.00	0.01	0.01	2.0	E
2/16/2024 09:31:00	3.5	3.3	-0.2	0.01	0.01	0.00	2.0	WSW
2/16/2024 09:32:00	3.4	3.4	0.0	0.01	0.01	0.00	2.0	W
2/16/2024 09:33:00	3.5	3.5	0.1	0.01	0.01	0.00	2.0	W
2/16/2024 09:34:00	3.5	3.6	0.1	0.01	0.01	0.00	2.0	E
2/16/2024 09:35:00	3.6	3.5	-0.1	0.01	0.01	0.00	2.1	ENE
2/16/2024 09:36:00	3.7	3.3	-0.3	0.01	0.01	0.00	2.1	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
2/16/2024 09:37:00	3.7	3.2	-0.5	0.01	0.01	0.00	2.1	N
2/16/2024 09:38:00	3.6	3.3	-0.3	0.01	0.01	0.00	2.1	S
2/16/2024 09:39:00	3.6	3.1	-0.5	0.01	0.01	0.00	2.1	ESE
2/16/2024 09:40:00	3.6	3.0	-0.5	0.01	0.01	0.00	2.1	ENE
2/16/2024 09:41:00	3.4	3.0	-0.4	0.01	0.01	0.00	2.2	WNW
2/16/2024 09:42:00	3.5	3.0	-0.5	0.01	0.01	0.00	2.3	W
2/16/2024 09:43:00	3.5	3.1	-0.4	0.01	0.01	0.00	2.3	N
2/16/2024 09:44:00	3.5	3.1	-0.3	0.01	0.01	0.00	2.3	E
2/16/2024 09:45:00	3.3	3.3	0.0	0.01	0.00	0.00	2.3	W
2/16/2024 09:46:00	3.4	3.3	0.0	0.00	0.00	0.00	2.5	WSW
2/16/2024 09:47:00	3.5	3.4	-0.1	0.00	0.00	0.00	2.6	W
2/16/2024 09:48:00	3.6	3.5	-0.2	0.00	0.00	0.00	2.6	W
2/16/2024 09:49:00	3.9	3.6	-0.2	0.00	0.00	0.00	2.6	SSW
2/16/2024 09:50:00	3.9	3.8	-0.1	0.00	0.00	0.00	2.5	E
2/16/2024 09:51:00	3.8	3.9	0.2	0.00	0.00	0.00	2.5	W
2/16/2024 09:52:00	3.6	4.0	0.4	0.00	0.00	0.00	2.5	WNW
2/16/2024 09:53:00	3.6	4.0	0.4	0.00	0.00	0.00	2.5	W
2/16/2024 09:54:00	3.6	4.1	0.4	0.00	0.00	0.00	2.6	E
2/16/2024 09:55:00	3.7	4.3	0.6	0.00	0.00	0.00	2.6	WSW
2/16/2024 09:56:00	4.0	4.6	0.6	0.00	0.00	0.00	2.7	W
2/16/2024 09:57:00	4.6	4.6	0.0	0.00	0.00	0.00	2.6	N
2/16/2024 09:58:00	4.6	4.9	0.3	0.00	0.00	0.00	2.5	WSW
2/16/2024 09:59:00	4.6	4.9	0.3	0.00	0.00	0.00	2.5	E
2/16/2024 10:00:00	4.7	4.8	0.0	0.00	0.00	0.00	2.5	E
2/16/2024 10:01:00	4.7	4.5	-0.2	0.00	0.00	0.00	2.3	E
2/16/2024 10:02:00	4.7	4.2	-0.5	0.00	0.00	0.00	2.2	ENE
2/16/2024 10:03:00	4.6	4.0	-0.7	0.00	0.00	0.00	2.1	ESE
2/16/2024 10:04:00	4.3	4.0	-0.4	0.00	0.00	0.00	2.3	WSW
2/16/2024 10:05:00	4.6	3.9	-0.7	0.00	0.00	0.00	2.2	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
2/16/2024 10:06:00	4.8	3.9	-0.9	0.00	0.00	0.00	2.3	E
2/16/2024 10:07:00	5.0	3.9	-1.1	0.00	0.00	0.00	2.3	E
2/16/2024 10:08:00	5.2	3.8	-1.4	0.00	0.01	0.01	2.4	ENE
2/16/2024 10:09:00	5.3	4.2	-1.1	0.00	0.01	0.01	2.4	E
2/16/2024 10:10:00	5.6	5.4	-0.1	0.00	0.01	0.01	2.3	NNE
2/16/2024 10:11:00	5.7	6.3	0.6	0.00	0.01	0.01	2.2	ESE
2/16/2024 10:12:00	5.3	6.4	1.1	0.00	0.01	0.01	2.2	E
2/16/2024 10:13:00	5.5	6.3	0.8	0.00	0.01	0.01	2.3	ESE
2/16/2024 10:14:00	5.5	7.0	1.5	0.00	0.01	0.01	2.3	SSE
2/16/2024 10:15:00	5.6	7.4	1.8	0.00	0.01	0.01	2.3	SSE
2/16/2024 10:16:00	5.7	7.6	1.9	0.00	0.01	0.01	2.4	E
2/16/2024 10:17:00	5.8	7.8	2.0	0.00	0.01	0.01	2.4	ESE
2/16/2024 10:18:00	5.9	8.1	2.1	0.00	0.01	0.01	2.3	SW
2/16/2024 10:19:00	6.0	8.1	2.0	0.00	0.01	0.01	2.2	S
2/16/2024 10:20:00	5.8	8.2	2.4	0.00	0.01	0.01	2.3	ENE
2/16/2024 10:21:00	5.7	8.1	2.4	0.00	0.01	0.01	2.3	SE
2/16/2024 10:22:00	5.5	8.0	2.5	0.00	0.01	0.01	2.3	SW
2/16/2024 10:23:00	5.5	8.1	2.6	0.00	0.01	0.01	2.3	WSW
2/16/2024 10:24:00	5.5	7.9	2.4	0.00	0.00	0.00	2.3	E
2/16/2024 10:25:00	5.2	6.4	1.3	0.00	0.00	0.00	2.4	E
2/16/2024 10:26:00	4.8	5.2	0.3	0.00	0.00	0.00	2.3	ESE
2/16/2024 10:27:00	4.7	4.9	0.2	0.00	0.00	0.00	2.3	ESE
2/16/2024 10:28:00	4.5	4.7	0.2	0.00	0.00	0.00	2.2	ESE
2/16/2024 10:29:00	4.3	4.1	-0.3	0.00	0.00	0.00	2.2	SSE
2/16/2024 10:30:00	4.3	3.9	-0.4	0.00	0.00	0.00	2.3	WSW
2/16/2024 10:31:00	4.2	4.0	-0.2	0.00	0.00	0.00	2.3	SSW
2/16/2024 10:32:00	4.1	3.9	-0.2	0.00	0.00	0.00	2.4	ESE
2/16/2024 10:33:00	4.1	4.0	-0.1	0.00	0.00	0.00	2.5	E
2/16/2024 10:34:00	4.1	4.0	-0.1	0.00	0.00	0.00	2.6	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
2/16/2024 10:35:00	4.2	4.0	-0.2	0.00	0.00	0.00	2.5	ESE
2/16/2024 10:36:00	4.4	4.2	-0.2	0.00	0.00	0.00	2.4	S
2/16/2024 10:37:00	4.7	4.4	-0.4	0.00	0.00	0.00	2.6	WSW
2/16/2024 10:38:00	4.9	4.5	-0.3	0.00	0.00	0.00	2.6	SE
2/16/2024 10:39:00	4.9	4.7	-0.2	0.00	0.00	0.00	2.6	SW
2/16/2024 10:40:00	5.1	4.8	-0.4	0.00	0.00	0.00	2.6	E
2/16/2024 10:41:00	5.6	4.8	-0.8	0.00	0.00	0.00	2.6	E
2/16/2024 10:42:00	5.7	4.8	-0.9	0.00	0.00	0.00	2.6	N
2/16/2024 10:43:00	5.6	5.0	-0.7	0.00	0.00	0.00	2.5	WSW
2/16/2024 10:44:00	5.7	5.2	-0.5	0.00	0.00	0.00	2.5	NW
2/16/2024 10:45:00	5.7	5.5	-0.2	0.00	0.00	0.00	2.4	W
2/16/2024 10:46:00	6.0	5.4	-0.6	0.00	0.00	0.00	2.4	ESE
2/16/2024 10:47:00	6.1	5.8	-0.3	0.00	0.00	0.00	2.2	S
2/16/2024 10:48:00	6.2	5.9	-0.3	0.00	0.00	0.00	2.2	SW
2/16/2024 10:49:00	6.3	6.1	-0.2	0.00	0.00	0.00	2.1	SSE
2/16/2024 10:50:00	6.3	6.2	-0.2	0.00	0.00	0.00	2.1	NNW
2/16/2024 10:51:00	6.5	6.3	-0.2	0.00	0.00	0.00	2.2	ENE
2/16/2024 10:52:00	6.3	6.5	0.2	0.00	0.00	0.00	1.9	SW
2/16/2024 10:53:00	6.1	6.6	0.5	0.00	0.00	0.00	1.9	WNW
2/16/2024 10:54:00	6.3	6.4	0.1	0.00	0.00	0.00	1.9	ESE
2/16/2024 10:55:00	6.0	6.7	0.8	0.00	0.00	0.00	1.8	SSW
2/16/2024 10:56:00	5.5	7.0	1.5	0.00	0.00	0.00	1.8	S
2/16/2024 10:57:00	5.3	7.3	2.0	0.00	0.00	0.00	1.8	S
2/16/2024 10:58:00	5.6	7.2	1.6	0.00	0.00	0.00	1.8	SE
2/16/2024 10:59:00	5.8	6.9	1.1	0.00	0.00	0.00	1.8	ESE
2/16/2024 11:00:00	6.0	6.8	0.8	0.00	0.00	0.00	1.8	SE
2/16/2024 11:01:00	5.8	6.9	1.1	0.00	0.00	0.00	1.8	NW
2/16/2024 11:02:00	5.7	6.6	1.0	0.00	0.00	0.00	1.8	WSW
2/16/2024 11:03:00	5.5	6.5	1.0	0.00	0.00	0.00	1.8	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
2/16/2024 11:04:00	5.5	6.5	1.0	0.00	0.00	0.00	1.8	ESE
2/16/2024 11:05:00	5.5	6.5	1.0	0.00	0.00	0.00	1.9	WSW
2/16/2024 11:06:00				0.00	0.00	0.00	1.9	W
2/16/2024 11:07:00				0.00	0.00	0.00	2.1	WSW
2/16/2024 11:08:00				0.00	0.00	0.00	2.1	ENE
2/16/2024 11:09:00				0.00	0.00	0.00	2.0	ESE
2/16/2024 11:10:00	3.7	2.1	-1.6	0.00	0.00	0.00	2.0	ESE
2/16/2024 11:11:00	3.6	2.6	-1.0	0.00	0.00	0.00	2.1	ESE
2/16/2024 11:12:00	3.8	2.5	-1.3	0.00	0.00	0.00	2.1	SE
2/16/2024 11:13:00	3.5	2.9	-0.6	0.00	0.00	0.00	2.2	NW
2/16/2024 11:14:00	3.6	3.3	-0.3	0.00	0.00	0.00	2.2	ENE
2/16/2024 11:15:00	3.6	3.6	-0.1	0.00	0.00	0.00	2.2	ESE
2/16/2024 11:16:00	3.7	3.8	0.1	0.00	0.00	0.00	2.2	SE
2/16/2024 11:17:00	3.7	4.3	0.5	0.00	0.00	0.00	2.2	ESE
2/16/2024 11:18:00	4.0	4.1	0.2	0.00	0.00	0.00	2.3	WNW
2/16/2024 11:19:00	3.8	4.1	0.3	0.00	0.00	0.00	2.3	SE
2/16/2024 11:20:00	3.7	3.9	0.2	0.00	0.00	0.00	2.2	SSW
2/16/2024 11:21:00	3.6	3.8	0.2	0.00	0.00	0.00	2.2	W
2/16/2024 11:22:00	3.8	3.6	-0.1	0.00	0.00	0.00	2.1	SW
2/16/2024 11:23:00	3.7	3.8	0.1	0.00	0.00	0.00	2.3	ESE
2/16/2024 11:24:00	3.6	3.8	0.2	0.00	0.00	0.00	2.3	E
2/16/2024 11:25:00	3.6	3.9	0.3	0.00	0.00	0.00	2.3	SE
2/16/2024 11:26:00	3.5	4.0	0.6	0.00	0.00	0.00	2.2	E
2/16/2024 11:27:00	3.4	4.3	1.0	0.00	0.00	0.00	2.3	ESE
2/16/2024 11:28:00	3.4	4.7	1.3	0.00	0.00	0.00	2.3	E
2/16/2024 11:29:00	3.4	4.8	1.4	0.00	0.00	0.00	2.3	ESE
2/16/2024 11:30:00	3.3	4.7	1.4	0.00	0.00	0.00	2.3	W
2/16/2024 11:31:00	3.2	4.5	1.3	0.00	0.00	0.00	2.3	WSW
2/16/2024 11:32:00	3.1	4.1	1.0	0.00	0.00	0.00	2.3	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
2/16/2024 11:33:00	2.8	4.0	1.3	0.00	0.00	0.00	2.2	W
2/16/2024 11:34:00	2.8	4.0	1.2	0.00	0.00	0.00	2.2	W
2/16/2024 11:35:00	2.7	4.0	1.3	0.00	0.00	0.00	2.2	SW
2/16/2024 11:36:00	2.6	4.0	1.4	0.00	0.00	0.00	2.2	WSW
2/16/2024 11:37:00	2.3	4.0	1.7	0.00	0.00	0.00	2.1	S
2/16/2024 11:38:00	2.2	3.7	1.5	0.00	0.00	0.00	2.0	ESE
2/16/2024 11:39:00	2.3	3.5	1.3	0.00	0.00	0.00	1.9	WSW
2/16/2024 11:40:00	2.4	3.7	1.3	0.00	0.00	0.00	1.8	ESE
2/16/2024 11:41:00	2.4	3.8	1.4	0.00	0.00	0.00	1.9	E
2/16/2024 11:42:00	2.4	3.9	1.5	0.00	0.00	0.00	1.9	NE
2/16/2024 11:43:00	2.3	3.8	1.6	0.00	0.00	0.00	1.8	E
2/16/2024 11:44:00	2.2	3.9	1.7	0.00	0.00	0.00	1.8	E
2/16/2024 11:45:00	2.2	4.0	1.8	0.00	0.00	0.00	1.8	ENE
2/16/2024 11:46:00	2.3	4.0	1.7	0.00	0.00	0.00	1.8	SSE
2/16/2024 11:47:00	2.5	4.0	1.5	0.00	0.00	0.00	1.8	WNW
2/16/2024 11:48:00	2.5	4.0	1.5	0.00	0.00	0.00	1.7	SE
2/16/2024 11:49:00	2.5	4.0	1.5	0.00	0.00	0.00	1.7	N
2/16/2024 11:50:00	2.5	4.0	1.5	0.00	0.00	0.00	1.7	SSE
2/16/2024 11:51:00	2.5	3.9	1.4	0.00	0.00	0.00	1.7	ESE
2/16/2024 11:52:00	2.5	4.0	1.5	0.00	0.00	0.00	1.8	ESE
2/16/2024 11:53:00	2.6	4.1	1.5	0.00	0.00	0.00	1.7	SE
2/16/2024 11:54:00	2.5	4.1	1.6	0.00	0.00	0.00	1.7	WSW
2/16/2024 11:55:00	2.3	3.9	1.6	0.00	0.00	0.00	1.8	E
2/16/2024 11:56:00	2.3	3.5	1.2	0.00	0.00	0.00	1.7	NW
2/16/2024 11:57:00	2.4	3.1	0.7	0.00	0.00	0.00	1.6	SE
2/16/2024 11:58:00	2.4	2.8	0.4	0.00	0.00	0.00	1.7	ESE
2/16/2024 11:59:00	2.4	2.5	0.2	0.00	0.00	0.00	1.6	SE
2/16/2024 12:00:00	2.4	2.4	0.1	0.00	0.00	0.00	1.6	E
2/16/2024 12:01:00	2.2	2.6	0.3	0.00	0.00	0.00	1.6	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
2/16/2024 12:02:00	2.0	2.5	0.5	0.00	0.00	0.00	1.5	SSE
2/16/2024 12:03:00	2.2	2.5	0.3	0.00	0.00	0.00	1.5	SSW
2/16/2024 12:04:00	2.4	2.9	0.5	0.00	0.00	0.00	1.5	S
2/16/2024 12:05:00	2.6	3.2	0.6	0.00	0.00	0.00	1.5	S
2/16/2024 12:06:00	2.6	3.3	0.7	0.00	0.00	0.00	1.5	S
2/16/2024 12:07:00	2.7	3.2	0.5	0.00	0.00	0.00	1.5	ESE
2/16/2024 12:08:00	2.7	3.1	0.5	0.00	0.00	0.00	1.5	SE
2/16/2024 12:09:00	2.7	3.3	0.6	0.00	0.00	0.00	1.5	ESE
2/16/2024 12:10:00	2.7	3.4	0.7	0.00	0.00	0.00	1.4	E
2/16/2024 12:11:00	2.7	3.5	0.8	0.00	0.00	0.00	1.4	SE
2/16/2024 12:12:00	2.6	3.6	0.9	0.00	0.00	0.00	1.4	WSW
2/16/2024 12:13:00	2.7	3.4	0.7	0.00	0.00	0.00	1.5	WSW
2/16/2024 12:14:00	2.8	3.4	0.6	0.00	0.00	0.00	1.6	WSW
2/16/2024 12:15:00	2.8	3.3	0.6	0.00	0.00	0.00	1.6	SSW
2/16/2024 12:16:00	2.8	3.2	0.4	0.00	0.00	0.00	1.6	W
2/16/2024 12:17:00	2.8	3.2	0.5	0.00	0.00	0.00	1.6	SW
2/16/2024 12:18:00	2.7	3.2	0.5	0.00	0.00	0.00	1.7	NW
2/16/2024 12:19:00	2.5	2.8	0.3	0.00	0.00	0.00	1.7	NNE
2/16/2024 12:20:00	2.4	2.5	0.2	0.00	0.00	0.00	1.6	S
2/16/2024 12:21:00	2.3	2.4	0.1	0.00	0.00	0.00	1.7	ENE
2/16/2024 12:22:00	2.3	2.5	0.3	0.00	0.00	0.00	1.7	N
2/16/2024 12:23:00	2.2	2.7	0.5	0.00	0.00	0.00	1.7	ESE
2/16/2024 12:24:00	2.3	2.5	0.3	0.00	0.00	0.00	1.8	SW
2/16/2024 12:25:00	2.3	2.3	0.1	0.00	0.00	0.00	1.8	NNW
2/16/2024 12:26:00	2.1	2.2	0.1	0.00	0.00	0.00	2.0	W
2/16/2024 12:27:00	2.1	2.2	0.1	0.00	0.00	0.00	1.9	ENE
2/16/2024 12:28:00	2.0	2.2	0.2	0.00	0.00	0.00	1.9	ESE
2/16/2024 12:29:00	2.0	2.2	0.2	0.00	0.00	0.00	1.8	E
2/16/2024 12:30:00	1.9	2.2	0.2	0.00	0.00	0.00	2.0	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
2/16/2024 12:31:00	1.9	2.1	0.2	0.00	0.00	0.00	2.0	WSW
2/16/2024 12:32:00	1.8	2.0	0.2	0.00	0.00	0.00	1.9	W
2/16/2024 12:33:00	1.7	2.0	0.3	0.00	0.00	0.00	1.9	SE
2/16/2024 12:34:00	1.8	2.0	0.2	0.00	0.00	0.00	1.8	SE
2/16/2024 12:35:00	1.8	2.0	0.2	0.00	0.00	0.00	1.9	E
2/16/2024 12:36:00	1.8	2.1	0.3	0.00	0.00	0.00	1.8	ESE
2/16/2024 12:37:00	1.9	2.1	0.2	0.00	0.00	0.00	1.9	ESE
2/16/2024 12:38:00	1.9	2.0	0.1	0.00	0.00	0.00	1.8	SSW
2/16/2024 12:39:00	1.9	2.1	0.2	0.00	0.00	0.00	1.8	ENE
2/16/2024 12:40:00	1.9	2.2	0.3	0.00	0.00	0.00	1.8	ESE
2/16/2024 12:41:00	2.0	2.2	0.2	0.00	0.00	0.00	1.7	E
2/16/2024 12:42:00	2.0	2.3	0.4	0.00	0.00	0.00	1.7	ESE
2/16/2024 12:43:00	2.1	2.5	0.4	0.00	0.00	0.00	1.6	ENE
2/16/2024 12:44:00	2.1	2.8	0.8	0.00	0.00	0.00	1.6	E
2/16/2024 12:45:00	2.2	2.9	0.7	0.00	0.00	0.00	1.5	NE
2/16/2024 12:46:00	2.3	2.9	0.7	0.00	0.00	0.00	1.4	SE
2/16/2024 12:47:00	2.3	3.0	0.7	0.00	0.00	0.00	1.5	ENE
2/16/2024 12:48:00	2.4	3.1	0.7	0.00	0.00	0.00	1.6	E
2/16/2024 12:49:00	2.4	3.4	1.0	0.00	0.00	0.00	1.7	ESE
2/16/2024 12:50:00	2.5	3.6	1.1	0.00	0.00	0.00	1.7	ESE
2/16/2024 12:51:00	2.5	3.5	1.1	0.00	0.00	0.00	1.7	ENE
2/16/2024 12:52:00	2.4	3.5	1.1	0.00	0.00	0.00	1.7	SE
2/16/2024 12:53:00	2.4	3.5	1.1	0.00	0.00	0.00	1.8	SW
2/16/2024 12:54:00	2.4	3.5	1.1	0.00	0.00	0.00	1.8	ENE
2/16/2024 12:55:00	2.4	3.6	1.2	0.00	0.00	0.00	1.8	NNE
2/16/2024 12:56:00	2.5	3.5	1.1	0.00	0.00	0.00	1.8	W
2/16/2024 12:57:00	2.6	3.7	1.1	0.00	0.00	0.00	1.8	WSW
2/16/2024 12:58:00	2.8	3.8	0.9	0.00	0.00	0.00	2.0	W
2/16/2024 12:59:00	3.2	3.8	0.7	0.00	0.00	0.00	2.0	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
2/16/2024 13:00:00	3.3	3.9	0.7	0.00	0.00	0.00	2.0	E
2/16/2024 13:01:00	3.2	3.9	0.7	0.00	0.00	0.00	2.0	SE
2/16/2024 13:02:00	3.2	3.9	0.7	0.00	0.00	0.00	2.0	SW
2/16/2024 13:03:00	3.2	3.9	0.7	0.00	0.00	0.00	2.0	SE
2/16/2024 13:04:00	3.3	3.9	0.6	0.00	0.00	0.00	2.0	ESE
2/16/2024 13:05:00	3.6	4.1	0.5	0.00	0.00	0.00	2.0	SE
2/16/2024 13:06:00	3.9	4.3	0.4	0.00	0.01	0.00	1.9	SE
2/16/2024 13:07:00	4.1	4.3	0.2	0.01	0.02	0.01	1.9	ESE
2/16/2024 13:08:00	4.0	4.3	0.2	0.01	0.03	0.02	1.9	SE
2/16/2024 13:09:00	4.0	4.2	0.2	0.01	0.03	0.02	1.9	ESE
2/16/2024 13:10:00	4.1	4.2	0.1	0.01	0.04	0.02	1.9	ESE
2/16/2024 13:11:00	4.1	4.2	0.1	0.02	0.04	0.02	1.8	S
2/16/2024 13:12:00	4.1	4.2	0.0	0.02	0.04	0.02	1.8	ESE
2/16/2024 13:13:00	3.9	4.0	0.1	0.02	0.04	0.02	1.7	ESE
2/16/2024 13:14:00	3.7	3.7	-0.1	0.02	0.04	0.02	1.7	NNE
2/16/2024 13:15:00	3.7	3.6	-0.1	0.02	0.04	0.02	1.7	NNE
2/16/2024 13:16:00	3.8	3.6	-0.1	0.02	0.04	0.02	1.7	SSE
2/16/2024 13:17:00	3.8	3.7	0.0	0.02	0.04	0.02	1.7	E
2/16/2024 13:18:00	3.7	3.6	-0.1	0.02	0.04	0.02	1.7	ESE
2/16/2024 13:19:00	3.5	3.4	-0.2	0.02	0.04	0.02	1.7	ESE
2/16/2024 13:20:00	3.2	2.9	-0.3	0.02	0.04	0.02	1.7	S
2/16/2024 13:21:00	3.1	2.8	-0.3	0.01	0.03	0.02	1.8	SSW
2/16/2024 13:22:00	3.1	2.7	-0.4	0.01	0.02	0.01	1.9	ENE
2/16/2024 13:23:00	3.5	2.8	-0.7	0.00	0.01	0.01	1.9	E
2/16/2024 13:24:00	3.9	2.9	-1.0	0.00	0.01	0.00	1.9	ENE
2/16/2024 13:25:00	4.1	3.2	-0.9	0.00	0.00	0.00	2.0	W
2/16/2024 13:26:00	4.2	3.3	-0.9	0.00	0.00	0.00	2.2	W
2/16/2024 13:27:00	4.2	3.2	-0.9	0.00	0.00	0.00	2.2	WSW
2/16/2024 13:28:00	4.1	3.2	-0.9	0.00	0.00	0.00	2.2	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
2/16/2024 13:29:00	4.2	3.2	-0.9	0.00	0.00	0.00	2.1	SE
2/16/2024 13:30:00	4.3	3.4	-0.9	0.00	0.00	0.00	2.2	WNW
2/16/2024 13:31:00	4.4	3.7	-0.7	0.00	0.00	0.00	2.2	WSW
2/16/2024 13:32:00	4.6	3.8	-0.8	0.00	0.00	0.00	2.2	ESE
2/16/2024 13:33:00	4.6	3.7	-0.8	0.00	0.00	0.00	2.1	ESE
2/16/2024 13:34:00	4.5	3.8	-0.8	0.00	0.00	0.00	2.1	WSW
2/16/2024 13:35:00	4.5	3.7	-0.8	0.00	0.00	0.00	2.0	ENE
2/16/2024 13:36:00	4.3	3.8	-0.6	0.00	0.00	0.00	2.0	WSW
2/16/2024 13:37:00	4.1	3.7	-0.4	0.00	0.00	0.00	1.9	SSE
2/16/2024 13:38:00	3.8	3.6	-0.2	0.00	0.00	0.00	1.8	W
2/16/2024 13:39:00	3.4	3.5	0.1	0.00	0.00	0.00	1.8	ESE
2/16/2024 13:40:00	3.3	3.1	-0.1	0.00	0.00	0.00	1.7	E
2/16/2024 13:41:00	3.0	3.0	0.0	0.00	0.00	0.00	1.6	ENE
2/16/2024 13:42:00	2.8	2.8	0.0	0.00	0.00	0.00	1.6	ENE
2/16/2024 13:43:00	2.6	2.8	0.1	0.00	0.00	0.00	1.6	SW
2/16/2024 13:44:00	2.7	3.4	0.7	0.00	0.00	0.00	1.6	SW
2/16/2024 13:45:00	3.0	3.5	0.5	0.00	0.00	0.00	1.5	NW
2/16/2024 13:46:00	2.8	3.2	0.4	0.00	0.00	0.00	1.5	E
2/16/2024 13:47:00	2.7	3.2	0.5	0.00	0.00	0.00	1.5	ESE
2/16/2024 13:48:00	2.7	3.2	0.6	0.00	0.00	0.00	1.6	WNW
2/16/2024 13:49:00	2.7	3.1	0.4	0.00	0.00	0.00	1.6	ESE
2/16/2024 13:50:00	2.6	3.1	0.5	0.00	0.00	0.00	1.7	ESE
2/16/2024 13:51:00	2.7	3.0	0.3	0.00	0.00	0.00	1.7	ESE
2/16/2024 13:52:00	2.7	2.9	0.2	0.00	0.00	0.00	1.8	E
2/16/2024 13:53:00	2.5	2.9	0.4	0.01	0.00	0.00	1.8	W
2/16/2024 13:54:00	2.5	2.9	0.3	0.01	0.00	-0.01	1.9	W
2/16/2024 13:55:00	2.7	3.0	0.3	0.02	0.00	-0.01	1.9	W
2/16/2024 13:56:00	2.8	3.2	0.4	0.02	0.01	-0.01	1.8	SE
2/16/2024 13:57:00	2.9	3.3	0.4	0.02	0.01	0.00	1.8	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
2/16/2024 13:58:00	3.0	3.3	0.3	0.02	0.01	-0.01	1.8	SSE
2/16/2024 13:59:00	2.7	2.4	-0.3	0.02	0.02	0.00	1.8	ESE
2/16/2024 14:00:00	2.2	2.1	-0.1	0.02	0.02	0.00	1.8	ESE
2/16/2024 14:01:00	2.2	2.0	-0.2	0.02	0.02	0.00	1.8	NNE
2/16/2024 14:02:00	2.1	1.8	-0.3	0.02	0.02	0.00	1.8	E
2/16/2024 14:03:00	2.0	1.8	-0.2	0.02	0.02	0.00	1.7	WNW
2/16/2024 14:04:00	2.0	1.9	-0.1	0.03	0.02	0.00	1.7	SSE
2/16/2024 14:05:00	2.1	1.9	-0.1	0.03	0.03	0.00	1.7	SE
2/16/2024 14:06:00	2.1	2.1	0.0	0.03	0.03	0.00	1.6	S
2/16/2024 14:07:00	2.2	2.3	0.1	0.03	0.02	-0.01	1.5	WSW
2/16/2024 14:08:00	2.4	2.4	0.1	0.03	0.02	0.00	1.5	W
2/16/2024 14:09:00	2.3	2.5	0.2	0.02	0.02	0.00	1.5	SSW
2/16/2024 14:10:00	2.2	2.5	0.3	0.02	0.02	0.01	1.5	WSW
2/16/2024 14:11:00	2.2	2.4	0.2	0.02	0.02	0.00	1.5	SE
2/16/2024 14:12:00	2.1	2.2	0.1	0.02	0.01	0.00	1.5	ESE
2/16/2024 14:13:00	2.0	2.2	0.1	0.01	0.01	0.00	1.5	WSW
2/16/2024 14:14:00	2.0	2.2	0.2	0.02	0.01	-0.01	1.5	W
2/16/2024 14:15:00	2.1	2.3	0.1	0.02	0.01	-0.01	1.5	NW
2/16/2024 14:16:00	2.2	2.4	0.2	0.02	0.01	-0.01	1.6	E
2/16/2024 14:17:00	2.2	2.5	0.3	0.02	0.01	-0.01	1.6	ESE
2/16/2024 14:18:00	2.3	2.4	0.1	0.01	0.01	-0.01	1.6	E
2/16/2024 14:19:00	2.4	2.3	0.0	0.01	0.01	-0.01	1.6	E
2/16/2024 14:20:00	2.3	2.3	0.0	0.01	0.01	-0.01	1.7	E
2/16/2024 14:21:00	2.2	2.2	0.0	0.01	0.01	-0.01	1.7	SSE
2/16/2024 14:22:00	2.1	2.0	-0.1	0.01	0.01	0.00	1.7	ESE
2/16/2024 14:23:00	2.0	1.9	-0.2	0.01	0.01	0.00	1.7	E
2/16/2024 14:24:00	2.0	1.7	-0.2	0.01	0.01	0.00	1.7	SE
2/16/2024 14:25:00	2.0	1.6	-0.4	0.01	0.01	0.00	1.7	SE
2/16/2024 14:26:00	2.0	1.9	-0.1	0.01	0.01	0.00	1.7	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
2/16/2024 14:27:00	2.1	2.1	0.0	0.01	0.01	0.00	1.7	SE
2/16/2024 14:28:00	2.2	2.3	0.0	0.01	0.01	0.00	1.7	NE
2/16/2024 14:29:00	2.3	2.3	0.0	0.00	0.01	0.01	1.7	SW
2/16/2024 14:30:00	2.2	2.4	0.2	0.00	0.01	0.01	1.6	ESE
2/16/2024 14:31:00	2.1	2.3	0.2	0.00	0.01	0.01	1.6	ESE
2/16/2024 14:32:00	2.1	2.4	0.2	0.00	0.01	0.01	1.6	NE
2/16/2024 14:33:00	2.2	2.4	0.2	0.00	0.01	0.01	1.6	WSW
2/16/2024 14:34:00	2.2	2.5	0.3	0.00	0.01	0.01	1.6	W
2/16/2024 14:35:00	2.2	2.6	0.4	0.00	0.01	0.00	1.5	NW
2/16/2024 14:36:00	2.3	2.6	0.4	0.00	0.01	0.01	1.5	ENE