

DAILY FIELD REPORT 204

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	March 7, 2024
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 3:30 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Caitlyn Dempsey (Environmental)
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Construction Manager: Consigli Construction Co., Inc. (Consigli)

Foundation Contractor: Urban Foundation/Engineering (Urban)
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Work Activities Performed:

- Urban excavated an about 15-foot-long by 25-foot-wide area to a depth of about 10 feet below grade surface (bgs) and an about 8-foot-long by 10-foot-wide area to about 5 feet bgs in grids WC05_0-5, WC05_5-10, and WC05_10-15 as part of the remedial excavation of the former underground storage tank (UST) and to install timber lagging for the installation of a structural element. Excavated material consisted of non-native soil; residual/weathered petroleum impacts, including odors, staining, and elevated photoionization detector (PID) readings up to 6 parts per million (ppm) were observed. Excavated non-native soil was stockpiled adjacent to the excavation area covered with polyethylene sheeting, pending off-site disposal.
- Urban used an excavator to remove concrete in the southern part of WC05. Concrete and demolition (C&D) debris was stockpiled in the southern part of grid WC04.
- Urban graded an about 15-foot-long by 10-foot-wide area in the central part of grid WC05 for equipment mobilization.
- Urban backfilled around timber lagging in the western part of grid WC04 with imported pipe sand to facilitate the installation of timber lagging.

Material Tracking:

- The following soil/fill was exported from the site:
 - 3 loads of soil/fill from waste characterization grids WC05_0-5 and WC05_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:
 - 1 load of pipe sand from North American Aggregate Mining Operations located in Perth Amboy, NJ was imported to the site.

Materials Export Summary								
Facility Name	Bayshore Soil Management, LLC		Clean Earth of Carteret, LLC		PPark NJ		Faztec Solutions	
Location	Keasbey, NJ		Carteret, NJ		Prospect Park, NJ		Staten Island, NY	
Type of Waste	Non-hazardous Soil		Non-hazardous Soil		Non-hazardous Soil		C&D	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
		0	-	3	60	0	-	0
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	139	2,780	297	5,940	0	-	15	300

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

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	-	1
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	4	100
Approved Quantity	-	500	-	500	-	200	-	300

Samples Collected:

- Langan collected three confirmation endpoint samples (Sample IDs UST_RE_EPB14_el_N2, UST_RE_EPB19_el_2, and UST_RE_EPS05_el_0) from the base and sidewall of the remedial excavation in the southern part of the site to be analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) (including 1,4-dioxane via Method 8270-SIM), polychlorinated biphenyls (PCBs), pesticides, herbicides, metals (including trivalent and hex chromium), and total cyanide.

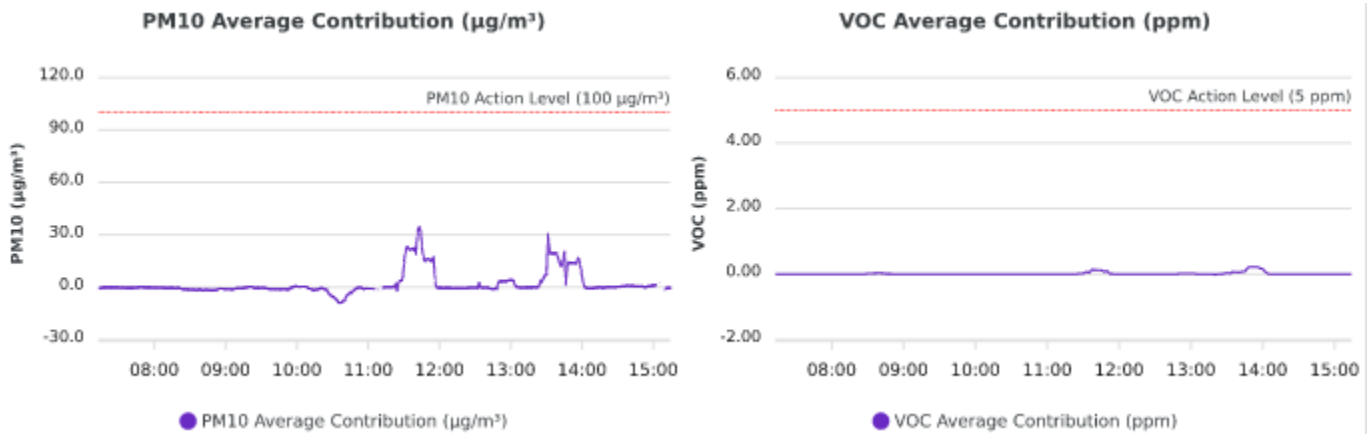
Air Monitoring:

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	0.8	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-9.0	VOC Average Site Contribution (Minimum)	-0.02
PM10 Average Site Contribution (Maximum)	34.2	VOC Average Site Contribution (Maximum)	0.21

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

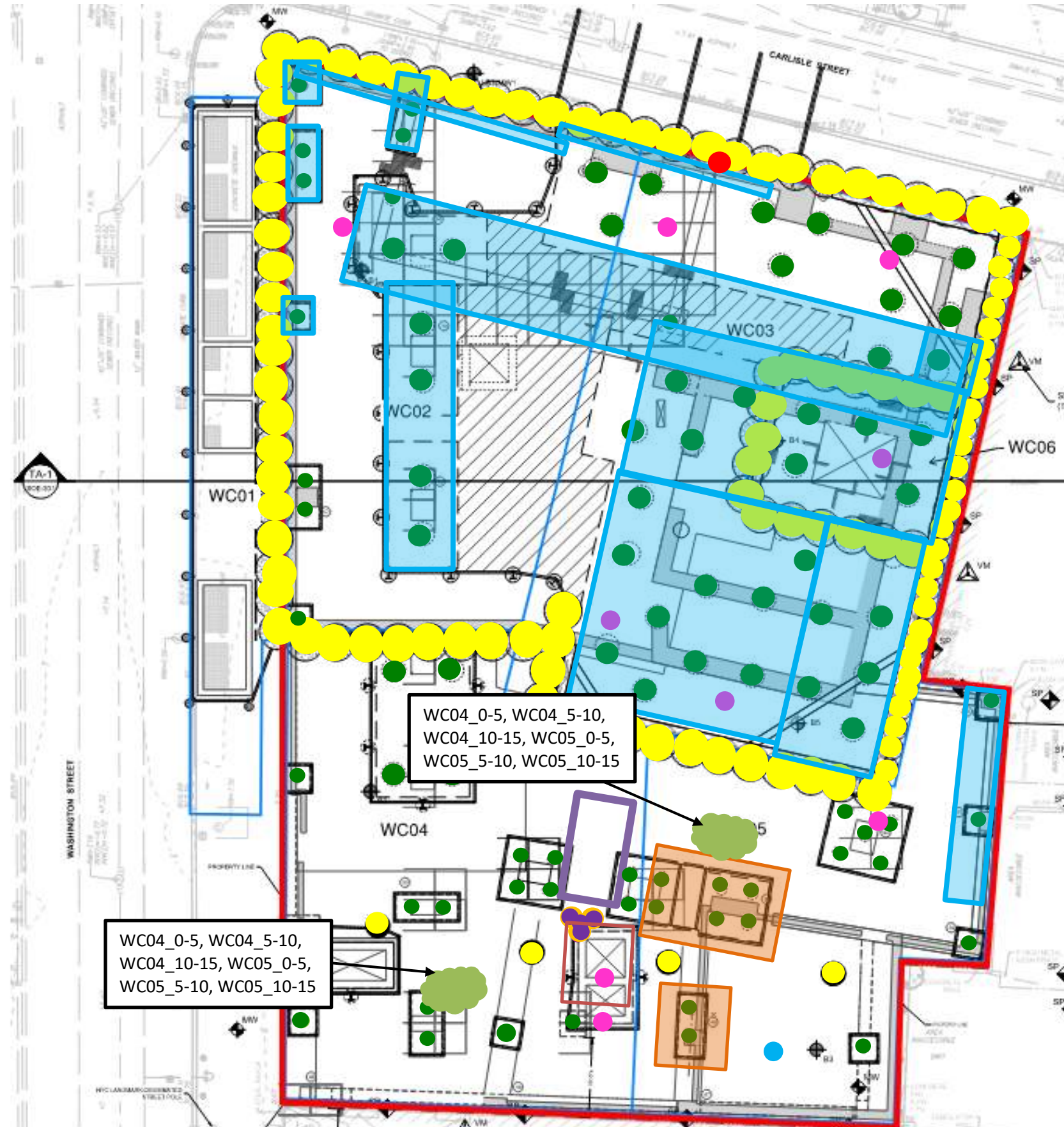
ppm: parts per million.



Planned Activities:

- Urban will continue to excavate and grade site soil/fill in support of foundation installation.

SITE PLAN









WC04_0-5, WC04_5-10,
 WC04_10-15, WC05_0-5,
 WC05_5-10, WC05_10-15

WC04_0-5, WC04_5-10,
 WC04_10-15, WC05_0-5,
 WC05_5-10, WC05_10-15

- 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**

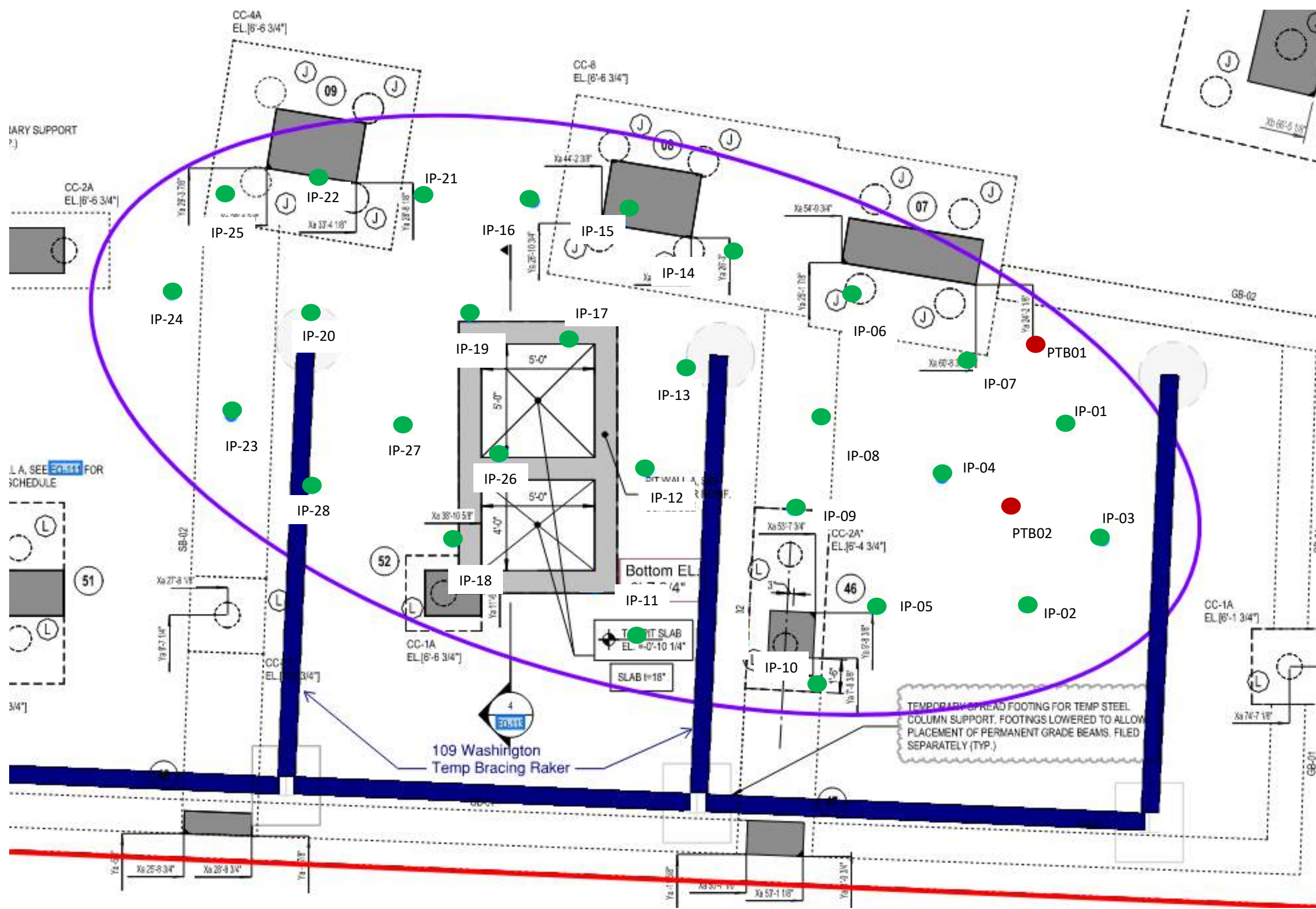


Photo Log

Photo 1: Urban loading a truck with soil/fill for off-site disposal (facing northeast).



Photo 2: Urban excavating non-native soil with residual/ weathered petroleum impacts observed in grids WC05 (facing southwest).



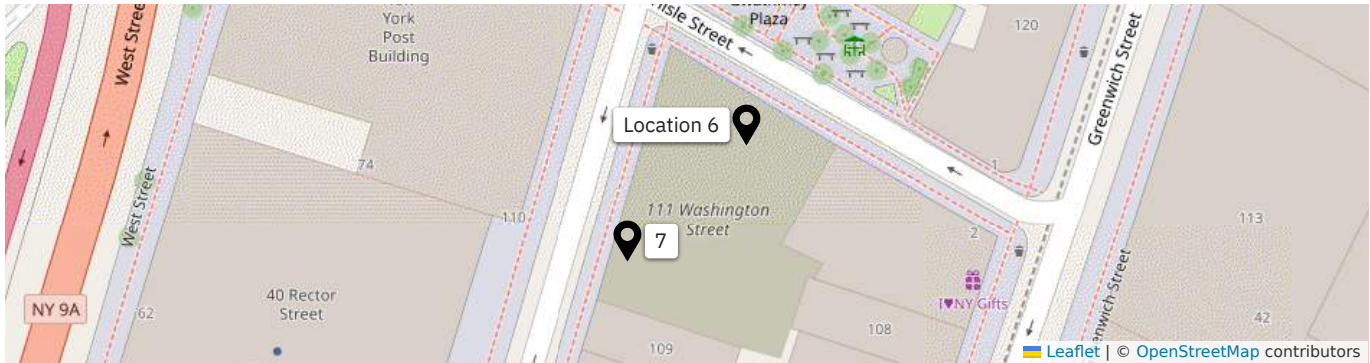
Photo 3: View of the southern site entrance/exit on Washington Street at the end of the work day (facing north).



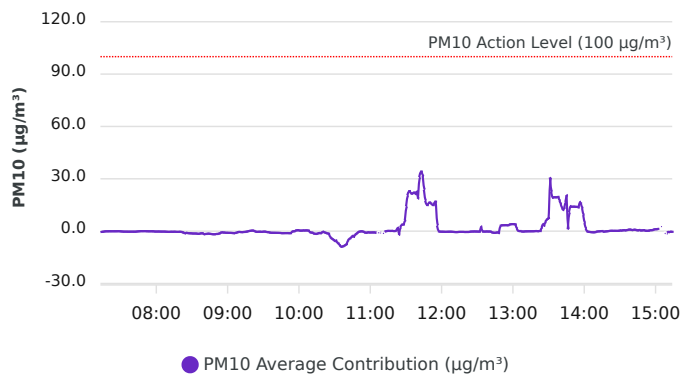
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	3/7/2024 06:00
		To:	3/7/2024 19:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
3/7/2024	0.6-8.3	ESE

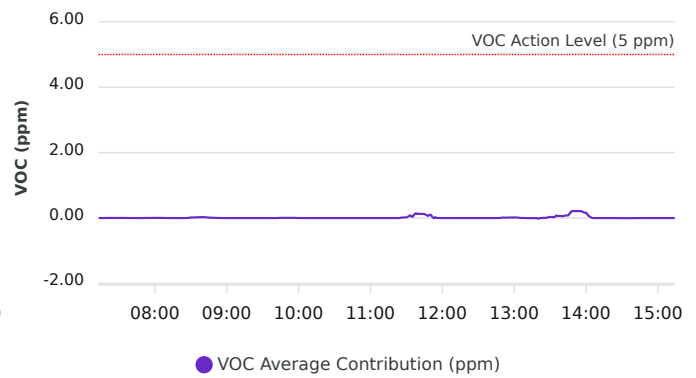
Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 3/7/2024	-9.0	10:35	-0.02	13:20
Max Contribution (15 min avg.) - 3/7/2024	34.2	11:43	0.21	13:49



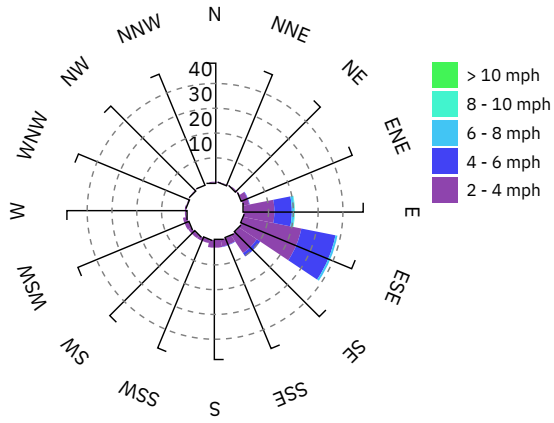
PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)



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
3/7/2024 07:10:00							0.6	ESE
3/7/2024 07:11:00							2.2	ENE
3/7/2024 07:12:00							2.2	SW
3/7/2024 07:13:00	0.8	0.3	-0.6	0.00	0.00	0.00	2.4	ESE
3/7/2024 07:14:00	0.7	0.3	-0.4	0.00	0.00	0.00	2.8	E
3/7/2024 07:15:00	0.5	0.2	-0.3	0.00	0.00	0.00	3.1	E
3/7/2024 07:16:00	0.4	0.2	-0.2	0.00	0.00	0.00	3.0	S
3/7/2024 07:17:00	0.3	0.2	-0.1	0.00	0.00	0.00	3.1	SW
3/7/2024 07:18:00	0.3	0.2	-0.1	0.00	0.00	0.00	3.3	ESE
3/7/2024 07:19:00	0.3	0.2	-0.1	0.00	0.01	0.01	3.3	SE
3/7/2024 07:20:00	0.2	0.1	-0.1	0.00	0.01	0.00	3.3	S
3/7/2024 07:21:00	0.2	0.1	-0.1	0.00	0.01	0.00	3.3	ESE
3/7/2024 07:22:00	0.2	0.1	-0.1	0.00	0.01	0.00	3.4	SE
3/7/2024 07:23:00	0.2	0.1	-0.1	0.00	0.01	0.00	3.5	E
3/7/2024 07:24:00	0.2	0.1	-0.1	0.00	0.01	0.00	3.5	E
3/7/2024 07:25:00	0.2	0.1	-0.1	0.00	0.01	0.00	3.8	ESE
3/7/2024 07:26:00	0.1	0.1	-0.1	0.00	0.01	0.00	3.9	E
3/7/2024 07:27:00	0.1	0.1	-0.1	0.00	0.01	0.00	3.8	ESE
3/7/2024 07:28:00	0.1	0.1	0.0	0.01	0.01	0.00	3.8	WSW
3/7/2024 07:29:00	0.2	0.1	-0.1	0.01	0.01	0.00	3.7	ESE
3/7/2024 07:30:00	0.3	0.1	-0.1	0.01	0.01	0.00	3.6	E
3/7/2024 07:31:00	0.3	0.1	-0.2	0.01	0.01	0.00	3.7	E
3/7/2024 07:32:00	0.3	0.1	-0.3	0.01	0.01	0.00	3.8	ESE
3/7/2024 07:33:00	0.3	0.1	-0.3	0.01	0.01	0.00	3.6	ESE
3/7/2024 07:34:00	0.3	0.1	-0.3	0.01	0.01	0.00	3.5	ESE
3/7/2024 07:35:00	0.4	0.1	-0.3	0.00	0.01	0.00	3.4	ENE
3/7/2024 07:36:00	0.4	0.1	-0.3	0.00	0.01	0.00	3.3	SE
3/7/2024 07:37:00	0.4	0.1	-0.3	0.00	0.01	0.00	3.3	ESE
3/7/2024 07:38:00	0.4	0.1	-0.3	0.00	0.00	0.00	3.4	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
3/7/2024 07:39:00	0.4	0.1	-0.3	0.00	0.00	0.00	3.3	ESE
3/7/2024 07:40:00	0.4	0.1	-0.3	0.00	0.00	0.00	3.2	E
3/7/2024 07:41:00	0.4	0.1	-0.3	0.00	0.00	0.00	3.1	ESE
3/7/2024 07:42:00	0.4	0.1	-0.3	0.00	0.00	0.00	3.3	ESE
3/7/2024 07:43:00	0.4	0.1	-0.3	0.00	0.00	0.00	3.3	ESE
3/7/2024 07:44:00	0.3	0.1	-0.1	0.00	0.00	0.00	3.3	ESE
3/7/2024 07:45:00	0.2	0.1	-0.1	0.00	0.00	0.00	3.2	WSW
3/7/2024 07:46:00	0.1	0.1	0.0	0.00	0.00	0.00	3.1	ESE
3/7/2024 07:47:00	0.1	0.1	0.0	0.00	0.00	0.00	3.0	ESE
3/7/2024 07:48:00	0.1	0.1	0.0	0.00	0.00	0.00	3.0	E
3/7/2024 07:49:00	0.1	0.1	0.0	0.00	0.00	0.00	3.0	SE
3/7/2024 07:50:00	0.1	0.1	0.0	0.00	0.00	0.00	3.0	S
3/7/2024 07:51:00	0.2	0.1	0.0	0.00	0.00	0.00	3.1	SE
3/7/2024 07:52:00	0.2	0.1	-0.1	0.00	0.00	0.00	3.1	SE
3/7/2024 07:53:00	0.2	0.1	-0.1	0.00	0.01	0.00	2.9	ENE
3/7/2024 07:54:00	0.2	0.1	-0.1	0.00	0.01	0.00	2.7	ESE
3/7/2024 07:55:00	0.2	0.2	-0.1	0.00	0.01	0.00	2.7	S
3/7/2024 07:56:00	0.3	0.2	-0.1	0.00	0.01	0.00	2.7	ESE
3/7/2024 07:57:00	0.3	0.2	-0.1	0.00	0.01	0.00	2.7	S
3/7/2024 07:58:00	0.3	0.1	-0.2	0.00	0.01	0.00	2.7	SE
3/7/2024 07:59:00	0.3	0.1	-0.2	0.00	0.01	0.01	2.6	E
3/7/2024 08:00:00	0.4	0.1	-0.3	0.00	0.01	0.01	2.7	E
3/7/2024 08:01:00	0.3	0.2	-0.2	0.00	0.01	0.01	2.7	SSE
3/7/2024 08:02:00	0.4	0.2	-0.2	0.00	0.01	0.01	2.7	ESE
3/7/2024 08:03:00	0.4	0.2	-0.3	0.00	0.01	0.01	2.8	ESE
3/7/2024 08:04:00	0.4	0.2	-0.3	0.00	0.01	0.00	3.0	ESE
3/7/2024 08:05:00	0.4	0.1	-0.3	0.00	0.01	0.01	2.9	SSW
3/7/2024 08:06:00	0.4	0.1	-0.3	0.00	0.00	0.00	3.1	ESE
3/7/2024 08:07:00	0.4	0.1	-0.3	0.00	0.00	0.00	3.1	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
3/7/2024 08:08:00	0.5	0.1	-0.3	0.00	0.00	0.00	3.1	E
3/7/2024 08:09:00	0.5	0.1	-0.4	0.00	0.00	0.00	3.1	SE
3/7/2024 08:10:00	0.6	0.1	-0.5	0.00	0.00	0.00	3.3	ESE
3/7/2024 08:11:00	0.5	0.1	-0.4	0.00	0.00	0.00	3.2	SSE
3/7/2024 08:12:00	0.5	0.2	-0.3	0.00	0.00	0.00	3.2	S
3/7/2024 08:13:00	0.5	0.2	-0.4	0.00	0.00	0.00	3.1	SE
3/7/2024 08:14:00	0.6	0.2	-0.4	0.00	0.00	0.00	3.2	ESE
3/7/2024 08:15:00	0.5	0.2	-0.3	0.00	0.00	0.00	3.2	SW
3/7/2024 08:16:00	0.5	0.1	-0.4	0.00	0.00	0.00	3.2	E
3/7/2024 08:17:00	0.6	0.1	-0.4	0.00	0.00	0.00	3.2	ENE
3/7/2024 08:18:00	0.6	0.1	-0.4	0.00	0.00	0.00	3.2	ESE
3/7/2024 08:19:00	0.5	0.2	-0.4	0.00	0.00	0.00	3.1	SSE
3/7/2024 08:20:00	0.5	0.2	-0.4	0.00	0.00	0.00	3.1	S
3/7/2024 08:21:00	0.6	0.2	-0.5	0.00	0.00	0.00	3.1	ESE
3/7/2024 08:22:00	0.9	0.2	-0.7	0.00	0.00	0.00	3.0	ESE
3/7/2024 08:23:00	1.2	0.2	-1.0	0.00	0.00	0.00	3.0	SE
3/7/2024 08:24:00	1.5	0.2	-1.3	0.00	0.00	0.00	3.1	E
3/7/2024 08:25:00	1.6	0.6	-0.9	0.00	0.00	0.00	2.9	E
3/7/2024 08:26:00	1.7	0.6	-1.1	0.00	0.00	0.00	3.0	ESE
3/7/2024 08:27:00	1.8	0.6	-1.2	0.00	0.00	0.00	3.2	E
3/7/2024 08:28:00	1.8	0.6	-1.2	0.00	0.01	0.00	3.2	E
3/7/2024 08:29:00	1.8	0.6	-1.3	0.00	0.02	0.01	3.3	E
3/7/2024 08:30:00	1.9	0.5	-1.3	0.01	0.02	0.02	3.4	ESE
3/7/2024 08:31:00	1.9	0.5	-1.4	0.01	0.03	0.02	3.5	ESE
3/7/2024 08:32:00	1.9	0.5	-1.4	0.01	0.03	0.02	3.6	E
3/7/2024 08:33:00	1.9	0.5	-1.4	0.01	0.03	0.02	3.5	SE
3/7/2024 08:34:00	1.9	0.5	-1.4	0.01	0.03	0.02	3.7	ESE
3/7/2024 08:35:00	2.0	0.5	-1.6	0.01	0.03	0.02	3.7	ESE
3/7/2024 08:36:00	2.0	0.5	-1.5	0.01	0.04	0.03	3.7	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
3/7/2024 08:37:00	1.8	0.5	-1.3	0.01	0.04	0.03	3.8	ESE
3/7/2024 08:38:00	1.7	0.5	-1.2	0.01	0.04	0.03	3.9	E
3/7/2024 08:39:00	1.8	0.5	-1.3	0.01	0.04	0.03	4.0	ESE
3/7/2024 08:40:00	1.9	0.1	-1.8	0.01	0.04	0.03	4.0	ESE
3/7/2024 08:41:00	1.7	0.2	-1.6	0.01	0.04	0.03	3.8	SSE
3/7/2024 08:42:00	1.8	0.2	-1.6	0.01	0.04	0.03	3.6	ESE
3/7/2024 08:43:00	1.8	0.4	-1.4	0.01	0.04	0.03	3.6	WSW
3/7/2024 08:44:00	1.9	0.4	-1.5	0.01	0.03	0.02	3.4	SE
3/7/2024 08:45:00	1.9	0.4	-1.6	0.01	0.02	0.01	3.3	ESE
3/7/2024 08:46:00	2.0	0.4	-1.6	0.00	0.01	0.01	3.3	ESE
3/7/2024 08:47:00	2.1	0.4	-1.8	0.00	0.01	0.01	3.2	N
3/7/2024 08:48:00	2.1	0.4	-1.8	0.00	0.01	0.01	3.2	ESE
3/7/2024 08:49:00	2.2	0.4	-1.8	0.00	0.01	0.01	3.0	SE
3/7/2024 08:50:00	2.1	0.5	-1.6	0.00	0.01	0.01	3.0	SSE
3/7/2024 08:51:00	2.1	0.4	-1.6	0.00	0.01	0.00	2.9	N
3/7/2024 08:52:00	2.0	0.5	-1.5	0.00	0.01	0.00	2.8	SSE
3/7/2024 08:53:00	1.8	0.5	-1.3	0.00	0.01	0.00	2.7	ESE
3/7/2024 08:54:00	1.3	0.5	-0.8	0.00	0.01	0.00	2.8	E
3/7/2024 08:55:00	1.1	0.5	-0.7	0.00	0.00	0.00	2.9	ESE
3/7/2024 08:56:00	1.2	0.4	-0.8	0.00	0.00	0.00	2.9	ESE
3/7/2024 08:57:00	1.1	0.4	-0.8	0.00	0.00	0.00	2.9	SE
3/7/2024 08:58:00	1.2	0.2	-1.0	0.00	0.00	0.00	3.0	ESE
3/7/2024 08:59:00	1.1	0.2	-0.9	0.00	0.00	0.00	3.1	ESE
3/7/2024 09:00:00	1.1	0.2	-1.0	0.00	0.00	0.00	3.2	ENE
3/7/2024 09:01:00	1.2	0.2	-1.0	0.00	0.00	0.00	3.3	ESE
3/7/2024 09:02:00	1.2	0.2	-1.0	0.00	0.00	0.00	3.5	ESE
3/7/2024 09:03:00	1.2	0.2	-1.1	0.00	0.00	0.00	3.8	E
3/7/2024 09:04:00	1.2	0.2	-1.1	0.00	0.00	0.00	3.8	E
3/7/2024 09:05:00	1.3	0.1	-1.3	0.00	0.00	0.00	3.9	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
3/7/2024 09:06:00	1.2	0.2	-1.0	0.00	0.00	0.00	4.0	SE
3/7/2024 09:07:00	1.2	0.3	-1.0	0.00	0.00	0.00	4.0	W
3/7/2024 09:08:00	1.1	0.5	-0.7	0.00	0.00	0.00	3.9	SSE
3/7/2024 09:09:00	1.1	0.7	-0.4	0.00	0.00	0.00	3.7	S
3/7/2024 09:10:00	1.2	0.7	-0.5	0.00	0.00	0.00	3.7	ESE
3/7/2024 09:11:00	1.2	0.7	-0.6	0.00	0.00	0.00	3.8	E
3/7/2024 09:12:00	1.3	0.7	-0.6	0.00	0.00	0.00	3.8	ESE
3/7/2024 09:13:00	1.3	0.8	-0.5	0.00	0.00	0.00	3.7	WSW
3/7/2024 09:14:00	1.3	0.8	-0.5	0.00	0.00	0.00	3.6	ESE
3/7/2024 09:15:00	1.1	0.8	-0.3	0.00	0.00	0.00	3.6	ESE
3/7/2024 09:16:00	1.0	0.8	-0.3	0.00	0.00	0.00	3.7	ESE
3/7/2024 09:17:00	0.9	0.8	-0.1	0.00	0.00	0.00	3.4	SSE
3/7/2024 09:18:00	0.8	0.9	0.1	0.00	0.00	0.00	3.1	WSW
3/7/2024 09:19:00	0.8	0.9	0.2	0.00	0.00	0.00	3.0	E
3/7/2024 09:20:00	0.7	1.0	0.4	0.00	0.00	0.00	2.8	WNW
3/7/2024 09:21:00	0.7	1.0	0.3	0.00	0.00	0.00	2.7	SW
3/7/2024 09:22:00	0.8	0.9	0.1	0.00	0.00	0.00	2.7	ESE
3/7/2024 09:23:00	0.8	0.6	-0.2	0.00	0.00	0.00	2.8	E
3/7/2024 09:24:00	0.9	0.4	-0.5	0.00	0.00	0.00	2.9	ESE
3/7/2024 09:25:00	0.8	0.4	-0.4	0.00	0.00	0.00	3.1	E
3/7/2024 09:26:00	0.8	0.4	-0.3	0.00	0.00	0.00	3.1	E
3/7/2024 09:27:00	0.7	0.4	-0.3	0.00	0.00	0.00	3.1	E
3/7/2024 09:28:00	0.8	0.3	-0.5	0.00	0.00	0.00	3.4	ESE
3/7/2024 09:29:00	0.7	0.3	-0.4	0.00	0.00	0.00	3.5	ESE
3/7/2024 09:30:00	0.7	0.4	-0.3	0.00	0.00	0.00	3.4	W
3/7/2024 09:31:00	0.7	0.4	-0.3	0.00	0.00	0.00	3.3	ESE
3/7/2024 09:32:00	0.8	0.3	-0.4	0.00	0.00	0.00	3.6	E
3/7/2024 09:33:00	0.8	0.3	-0.6	0.00	0.00	0.00	4.0	E
3/7/2024 09:34:00	0.8	0.3	-0.6	0.00	0.00	0.00	4.0	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
3/7/2024 09:35:00	0.9	0.1	-0.8	0.00	0.00	0.00	4.1	ESE
3/7/2024 09:36:00	1.0	0.1	-1.0	0.00	0.00	0.00	4.4	E
3/7/2024 09:37:00	1.0	0.1	-0.9	0.00	0.00	0.00	4.5	ESE
3/7/2024 09:38:00	1.0	0.1	-0.9	0.00	0.00	0.00	4.5	ESE
3/7/2024 09:39:00	1.0	0.1	-1.0	0.00	0.00	0.00	4.5	ESE
3/7/2024 09:40:00	1.0	0.1	-1.0	0.00	0.00	0.00	4.5	E
3/7/2024 09:41:00	1.1	0.1	-1.0	0.00	0.00	0.00	4.4	E
3/7/2024 09:42:00	1.1	0.1	-1.0	0.00	0.00	0.00	4.6	E
3/7/2024 09:43:00	1.1	0.1	-1.0	0.00	0.00	0.00	4.4	ESE
3/7/2024 09:44:00	1.1	0.1	-1.0	0.00	0.01	0.01	4.3	ESE
3/7/2024 09:45:00	1.2	0.0	-1.2	0.00	0.01	0.01	4.4	ESE
3/7/2024 09:46:00	1.2	0.0	-1.2	0.00	0.01	0.01	4.4	ESE
3/7/2024 09:47:00	1.1	0.0	-1.1	0.00	0.01	0.01	4.4	ESE
3/7/2024 09:48:00	1.1	0.0	-1.1	0.00	0.01	0.01	4.2	ESE
3/7/2024 09:49:00	1.1	0.0	-1.1	0.00	0.01	0.01	4.3	ESE
3/7/2024 09:50:00	1.1	0.0	-1.1	0.00	0.01	0.01	4.4	ESE
3/7/2024 09:51:00	1.2	0.0	-1.2	0.00	0.01	0.01	4.4	ESE
3/7/2024 09:52:00	1.2	0.0	-1.2	0.00	0.01	0.01	4.4	ESE
3/7/2024 09:53:00	1.2	0.0	-1.2	0.00	0.01	0.01	4.3	E
3/7/2024 09:54:00	1.6	1.4	-0.2	0.00	0.01	0.01	4.3	ESE
3/7/2024 09:55:00	1.8	1.8	-0.1	0.00	0.01	0.01	4.3	ESE
3/7/2024 09:56:00	1.8	1.8	-0.1	0.00	0.01	0.01	4.4	ESE
3/7/2024 09:57:00	1.9	2.3	0.4	0.00	0.01	0.01	4.2	ESE
3/7/2024 09:58:00	2.1	2.6	0.5	0.00	0.00	0.00	4.1	ESE
3/7/2024 09:59:00	2.3	2.9	0.6	0.00	0.00	0.00	4.0	SE
3/7/2024 10:00:00	2.6	2.9	0.4	0.00	0.00	0.00	4.0	ESE
3/7/2024 10:01:00	2.6	2.9	0.3	0.00	0.00	0.00	4.0	E
3/7/2024 10:02:00	2.7	2.9	0.2	0.00	0.00	0.00	3.7	ESE
3/7/2024 10:03:00	2.6	3.1	0.5	0.00	0.00	0.00	3.6	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
3/7/2024 10:04:00	2.8	3.1	0.3	0.00	0.00	0.00	3.6	ESE
3/7/2024 10:05:00	2.8	3.2	0.4	0.00	0.00	0.00	3.4	ESE
3/7/2024 10:06:00	2.7	3.2	0.5	0.00	0.00	0.00	3.5	ESE
3/7/2024 10:07:00	2.8	3.2	0.4	0.00	0.00	0.00	3.3	E
3/7/2024 10:08:00	2.9	3.2	0.3	0.00	0.00	0.00	3.5	E
3/7/2024 10:09:00	2.4	1.8	-0.7	0.00	0.00	0.00	3.4	ESE
3/7/2024 10:10:00	2.3	1.4	-0.8	0.00	0.00	0.00	3.4	E
3/7/2024 10:11:00	2.3	1.4	-0.8	0.00	0.00	0.00	3.2	ESE
3/7/2024 10:12:00	2.2	0.9	-1.3	0.00	0.00	0.00	3.2	SE
3/7/2024 10:13:00	2.1	0.6	-1.5	0.00	0.00	0.00	3.2	ESE
3/7/2024 10:14:00	1.9	0.3	-1.6	0.00	0.00	0.00	3.2	E
3/7/2024 10:15:00	1.7	0.2	-1.5	0.00	0.00	0.00	3.5	E
3/7/2024 10:16:00	1.6	0.3	-1.2	0.00	0.00	0.00	3.5	SSE
3/7/2024 10:17:00	1.4	0.5	-1.0	0.00	0.00	0.00	3.6	SSE
3/7/2024 10:18:00	1.6	0.3	-1.3	0.00	0.00	0.00	3.6	ESE
3/7/2024 10:19:00	1.4	0.7	-0.7	0.00	0.00	0.00	3.6	SSE
3/7/2024 10:20:00	1.3	1.0	-0.3	0.00	0.00	0.00	3.5	SSW
3/7/2024 10:21:00	1.7	1.0	-0.7	0.00	0.00	0.00	3.3	ESE
3/7/2024 10:22:00	2.0	1.1	-0.9	0.00	0.00	0.00	3.4	ESE
3/7/2024 10:23:00	2.3	1.2	-1.2	0.00	0.00	0.00	3.1	ESE
3/7/2024 10:24:00	2.9	1.6	-1.4	0.00	0.00	0.00	3.1	E
3/7/2024 10:25:00	3.6	2.2	-1.4	0.00	0.00	0.00	3.0	E
3/7/2024 10:26:00	6.4	3.0	-3.5	0.00	0.00	0.00	3.0	SE
3/7/2024 10:27:00	7.3	3.2	-4.1	0.00	0.00	0.00	2.9	NNE
3/7/2024 10:28:00	8.1	3.5	-4.6	0.00	0.00	0.00	3.0	ENE
3/7/2024 10:29:00	8.9	3.9	-5.1	0.00	0.00	0.00	3.0	E
3/7/2024 10:30:00	10.4	4.6	-5.8	0.00	0.00	0.00	2.7	ESE
3/7/2024 10:31:00	10.9	5.6	-5.3	0.00	0.00	0.00	2.6	S
3/7/2024 10:32:00	12.6	5.9	-6.7	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
3/7/2024 10:33:00	13.3	6.2	-7.1	0.00	0.00	0.00	2.6	E
3/7/2024 10:34:00	13.9	5.9	-8.0	0.00	0.00	0.00	2.6	ESE
3/7/2024 10:35:00	14.5	5.5	-9.0	0.00	0.00	0.00	2.7	ESE
3/7/2024 10:36:00	14.4	5.5	-8.8	0.00	0.00	0.00	2.6	SE
3/7/2024 10:37:00	14.1	5.5	-8.6	0.00	0.00	0.00	2.8	E
3/7/2024 10:38:00	13.7	5.4	-8.3	0.00	0.00	0.00	2.9	ESE
3/7/2024 10:39:00	13.0	5.2	-7.8	0.00	0.00	0.00	2.8	SSE
3/7/2024 10:40:00	12.2	4.8	-7.4	0.00	0.00	0.00	2.7	SW
3/7/2024 10:41:00	9.4	4.2	-5.1	0.00	0.00	0.00	2.7	S
3/7/2024 10:42:00	8.4	4.0	-4.5	0.00	0.00	0.00	2.8	ESE
3/7/2024 10:43:00	7.7	3.7	-4.0	0.00	0.00	0.00	2.8	E
3/7/2024 10:44:00	6.7	3.4	-3.3	0.00	0.00	0.00	2.8	S
3/7/2024 10:45:00	5.3	2.7	-2.6	0.00	0.00	0.00	2.8	ESE
3/7/2024 10:46:00	4.9	1.6	-3.3	0.00	0.00	0.00	2.7	ESE
3/7/2024 10:47:00	3.2	1.3	-1.9	0.00	0.00	0.00	2.7	SSE
3/7/2024 10:48:00	2.5	1.0	-1.5	0.00	0.00	0.00	2.7	SE
3/7/2024 10:49:00	1.8	1.0	-0.8	0.00	0.00	0.00	2.7	WSW
3/7/2024 10:50:00	1.4	1.0	-0.4	0.00	0.00	0.00	2.6	E
3/7/2024 10:51:00	1.1	1.0	-0.2	0.00	0.00	0.00	2.7	ESE
3/7/2024 10:52:00	1.1	1.0	-0.1	0.00	0.00	0.00	2.5	SE
3/7/2024 10:53:00	1.1	1.0	-0.1	0.00	0.00	0.00	2.5	ESE
3/7/2024 10:54:00	1.2	0.8	-0.4	0.00	0.00	0.00	2.6	ENE
3/7/2024 10:55:00	1.3	0.5	-0.7	0.00	0.00	0.00	2.8	ESE
3/7/2024 10:56:00	1.4	0.3	-1.0	0.00	0.00	0.00	2.8	SE
3/7/2024 10:57:00	1.3	0.4	-0.8	0.00	0.00	0.00	2.7	SSW
3/7/2024 10:58:00	1.1	0.5	-0.6	0.00	0.00	0.00	2.8	SSE
3/7/2024 10:59:00	1.2	0.4	-0.8	0.00	0.00	0.00	2.9	ESE
3/7/2024 11:00:00	1.2	0.4	-0.8	0.00	0.00	0.00	2.8	SE
3/7/2024 11:01:00	1.1	0.4	-0.7	0.00	0.00	0.00	3.1	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
3/7/2024 11:02:00	1.1	0.4	-0.8	0.00	0.00	0.00	3.1	SW
3/7/2024 11:03:00	1.1	0.4	-0.7	0.00	0.00	0.00	3.3	SE
3/7/2024 11:04:00	1.2	0.3	-0.9	0.00	0.00	0.00	3.3	SE
3/7/2024 11:05:00	1.1	0.3	-0.8	0.00	0.00	0.00	3.5	ESE
3/7/2024 11:06:00				0.00	0.00	0.00	3.4	ESE
3/7/2024 11:07:00	1.0	0.0	-1.0	0.00	0.00	0.00	3.5	ESE
3/7/2024 11:08:00	1.0	0.0	-1.0	0.00	0.00	0.00	3.7	ESE
3/7/2024 11:09:00				0.00	0.00	0.00	3.9	ESE
3/7/2024 11:10:00				0.00	0.00	0.00	3.7	ESE
3/7/2024 11:11:00	3.8	2.5	-1.3	0.00	0.00	0.00	3.6	SE
3/7/2024 11:12:00	3.4	3.2	-0.3	0.00	0.00	0.00	3.7	ESE
3/7/2024 11:13:00	3.1	3.1	0.0	0.00	0.00	0.00	3.8	SE
3/7/2024 11:14:00	2.7	2.9	0.1	0.00	0.00	0.00	4.0	ESE
3/7/2024 11:15:00	2.4	2.5	0.1	0.00	0.00	0.00	4.1	SSE
3/7/2024 11:16:00	2.2	2.3	0.1	0.00	0.00	0.00	3.9	SE
3/7/2024 11:17:00	2.0	2.1	0.1	0.00	0.00	0.00	3.9	SE
3/7/2024 11:18:00	1.9	2.1	0.2	0.00	0.00	0.00	3.8	E
3/7/2024 11:19:00	2.0	2.0	0.1	0.00	0.00	0.00	3.8	ESE
3/7/2024 11:20:00	1.9	1.9	0.0	0.00	0.00	0.00	3.8	ESE
3/7/2024 11:21:00	1.8	1.9	0.1	0.00	0.00	0.00	3.8	NE
3/7/2024 11:22:00	1.9	2.7	0.8	0.00	0.00	0.00	3.9	ESE
3/7/2024 11:23:00	2.3	4.3	2.1	0.00	0.00	0.00	3.7	ESE
3/7/2024 11:24:00	6.6	4.4	-2.2	0.01	0.00	0.00	3.5	S
3/7/2024 11:25:00	6.4	8.6	2.3	0.01	0.01	0.01	3.6	E
3/7/2024 11:26:00	6.3	9.9	3.7	0.01	0.02	0.01	3.8	E
3/7/2024 11:27:00	6.2	10.0	3.8	0.01	0.02	0.02	3.8	E
3/7/2024 11:28:00	6.2	10.0	3.8	0.01	0.02	0.02	3.7	ESE
3/7/2024 11:29:00	6.2	12.6	6.4	0.01	0.02	0.02	3.7	ESE
3/7/2024 11:30:00	6.5	20.7	14.2	0.01	0.03	0.02	3.6	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
3/7/2024 11:31:00	7.1	27.6	20.5	0.01	0.04	0.04	3.6	ESE
3/7/2024 11:32:00	7.4	30.3	22.9	0.01	0.07	0.06	3.7	E
3/7/2024 11:33:00	7.5	30.5	23.0	0.01	0.09	0.08	3.8	ESE
3/7/2024 11:34:00	8.9	30.5	21.6	0.03	0.09	0.06	3.6	SSW
3/7/2024 11:35:00	9.4	30.8	21.4	0.05	0.09	0.04	3.4	SW
3/7/2024 11:36:00	9.6	31.6	22.0	0.05	0.13	0.08	3.8	E
3/7/2024 11:37:00	9.5	31.7	22.2	0.05	0.17	0.12	3.8	E
3/7/2024 11:38:00	9.4	30.5	21.1	0.05	0.19	0.15	3.8	ESE
3/7/2024 11:39:00	7.5	30.4	22.9	0.07	0.19	0.12	3.9	SW
3/7/2024 11:40:00	7.5	26.1	18.6	0.07	0.20	0.13	3.9	ESE
3/7/2024 11:41:00	7.7	38.6	30.9	0.07	0.20	0.13	3.8	ESE
3/7/2024 11:42:00	7.8	41.9	34.1	0.07	0.19	0.13	3.9	E
3/7/2024 11:43:00	7.9	42.1	34.2	0.07	0.19	0.13	3.9	E
3/7/2024 11:44:00	7.9	39.5	31.6	0.07	0.20	0.13	3.7	ESE
3/7/2024 11:45:00	7.7	31.4	23.7	0.07	0.19	0.12	4.0	E
3/7/2024 11:46:00	7.1	24.6	17.4	0.07	0.17	0.11	4.0	E
3/7/2024 11:47:00	6.9	21.9	15.0	0.07	0.15	0.09	4.0	ESE
3/7/2024 11:48:00	6.8	21.7	14.9	0.07	0.13	0.07	4.0	SE
3/7/2024 11:49:00	5.3	21.6	16.3	0.04	0.13	0.09	4.1	E
3/7/2024 11:50:00	4.9	21.3	16.4	0.03	0.13	0.10	4.2	SE
3/7/2024 11:51:00	4.7	20.5	15.8	0.03	0.09	0.07	3.9	ENE
3/7/2024 11:52:00	4.7	19.7	15.0	0.03	0.05	0.02	3.9	ESE
3/7/2024 11:53:00	4.5	19.4	14.9	0.03	0.02	0.00	4.0	E
3/7/2024 11:54:00	2.3	19.2	16.9	0.00	0.02	0.02	4.1	E
3/7/2024 11:55:00	2.1	19.0	16.9	0.00	0.01	0.01	4.1	SE
3/7/2024 11:56:00	1.9	5.1	3.2	0.00	0.00	0.00	4.0	ESE
3/7/2024 11:57:00	1.8	1.7	-0.1	0.00	0.00	0.00	3.9	ESE
3/7/2024 11:58:00	1.7	1.4	-0.3	0.00	0.00	0.00	3.9	ESE
3/7/2024 11:59:00	1.6	1.2	-0.3	0.00	0.00	0.00	3.9	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
3/7/2024 12:00:00	1.5	1.2	-0.3	0.00	0.00	0.00	3.7	ESE
3/7/2024 12:01:00	1.5	1.1	-0.3	0.00	0.00	0.00	3.9	ESE
3/7/2024 12:02:00	1.4	1.1	-0.4	0.00	0.00	0.00	3.9	ESE
3/7/2024 12:03:00	1.4	1.0	-0.4	0.00	0.00	0.00	3.7	SE
3/7/2024 12:04:00	1.4	1.0	-0.4	0.00	0.00	0.00	3.7	S
3/7/2024 12:05:00	1.3	0.9	-0.4	0.00	0.00	0.00	3.9	E
3/7/2024 12:06:00	1.2	0.9	-0.3	0.00	0.00	0.00	3.7	E
3/7/2024 12:07:00	1.2	0.9	-0.3	0.00	0.00	0.00	3.5	ESE
3/7/2024 12:08:00	1.3	0.9	-0.3	0.00	0.00	0.00	3.4	E
3/7/2024 12:09:00	1.4	0.9	-0.4	0.00	0.00	0.00	3.3	NE
3/7/2024 12:10:00	1.4	0.9	-0.5	0.00	0.00	0.00	3.3	E
3/7/2024 12:11:00	1.3	0.8	-0.5	0.00	0.00	0.00	3.2	ESE
3/7/2024 12:12:00	1.2	0.7	-0.6	0.00	0.00	0.00	3.1	SE
3/7/2024 12:13:00	1.3	0.7	-0.5	0.00	0.00	0.00	3.1	ESE
3/7/2024 12:14:00	1.3	0.8	-0.5	0.00	0.00	0.00	3.0	ESE
3/7/2024 12:15:00	1.3	0.9	-0.4	0.00	0.00	0.00	2.9	SE
3/7/2024 12:16:00	1.4	0.9	-0.4	0.00	0.00	0.00	2.6	E
3/7/2024 12:17:00	1.4	1.0	-0.4	0.00	0.00	0.00	2.5	E
3/7/2024 12:18:00	1.5	1.0	-0.4	0.00	0.00	0.00	2.7	E
3/7/2024 12:19:00	1.5	1.0	-0.5	0.00	0.00	0.00	2.6	ESE
3/7/2024 12:20:00	1.5	1.0	-0.5	0.00	0.00	0.00	2.5	ESE
3/7/2024 12:21:00	1.5	1.0	-0.5	0.00	0.00	0.00	2.4	ESE
3/7/2024 12:22:00	1.5	1.0	-0.5	0.00	0.00	0.00	2.5	ESE
3/7/2024 12:23:00	1.4	1.0	-0.4	0.00	0.00	0.00	2.4	SE
3/7/2024 12:24:00	1.3	1.1	-0.3	0.00	0.00	0.00	2.5	SSW
3/7/2024 12:25:00	1.3	1.1	-0.2	0.00	0.00	0.00	2.4	ESE
3/7/2024 12:26:00	1.3	1.1	-0.2	0.00	0.00	0.00	2.3	ESE
3/7/2024 12:27:00	1.3	1.1	-0.2	0.00	0.00	0.00	2.3	SSE
3/7/2024 12:28:00	1.3	1.1	-0.2	0.00	0.00	0.00	2.3	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
3/7/2024 12:29:00	1.2	1.0	-0.2	0.00	0.00	0.00	2.3	SE
3/7/2024 12:30:00	1.1	0.9	-0.3	0.00	0.00	0.00	2.5	ESE
3/7/2024 12:31:00	1.1	0.8	-0.3	0.00	0.00	0.00	2.6	E
3/7/2024 12:32:00	1.1	0.8	-0.3	0.00	0.00	0.00	2.5	ESE
3/7/2024 12:33:00	1.2	3.9	2.8	0.00	0.00	0.00	2.2	SW
3/7/2024 12:34:00	4.9	4.7	-0.2	0.00	0.00	0.00	2.2	ESE
3/7/2024 12:35:00	5.4	5.2	-0.3	0.00	0.00	0.00	2.3	E
3/7/2024 12:36:00	5.6	5.3	-0.3	0.00	0.00	0.00	2.3	SE
3/7/2024 12:37:00	5.6	5.4	-0.2	0.00	0.00	0.00	2.2	WNW
3/7/2024 12:38:00	5.7	5.5	-0.2	0.00	0.00	0.00	2.2	WSW
3/7/2024 12:39:00	5.8	5.5	-0.3	0.00	0.00	0.00	2.2	ESE
3/7/2024 12:40:00	5.8	5.6	-0.2	0.00	0.00	0.00	2.2	SW
3/7/2024 12:41:00	6.0	5.8	-0.3	0.00	0.00	0.00	2.3	E
3/7/2024 12:42:00	7.2	6.5	-0.7	0.00	0.00	0.00	2.3	SE
3/7/2024 12:43:00	7.8	6.9	-0.9	0.00	0.00	0.00	2.3	ESE
3/7/2024 12:44:00	8.0	7.0	-1.0	0.00	0.00	0.00	2.3	SE
3/7/2024 12:45:00	8.1	7.2	-0.9	0.00	0.00	0.00	2.5	ESE
3/7/2024 12:46:00	8.2	7.4	-0.8	0.00	0.00	0.00	2.5	E
3/7/2024 12:47:00	8.3	7.7	-0.6	0.00	0.00	0.00	2.6	E
3/7/2024 12:48:00	8.3	7.1	-1.2	0.00	0.00	0.00	2.6	SE
3/7/2024 12:49:00	4.6	7.7	3.0	0.00	0.01	0.01	2.6	ESE
3/7/2024 12:50:00	4.2	7.6	3.3	0.00	0.01	0.01	2.5	ESE
3/7/2024 12:51:00	4.2	7.6	3.4	0.00	0.02	0.02	2.6	SE
3/7/2024 12:52:00	4.1	7.5	3.4	0.00	0.02	0.01	2.6	S
3/7/2024 12:53:00	4.1	7.5	3.5	0.01	0.02	0.01	2.6	S
3/7/2024 12:54:00	4.1	7.6	3.4	0.01	0.02	0.01	2.7	E
3/7/2024 12:55:00	4.2	7.5	3.3	0.01	0.03	0.01	2.7	ESE
3/7/2024 12:56:00	4.0	7.5	3.4	0.01	0.03	0.02	2.8	SE
3/7/2024 12:57:00	2.9	6.7	3.8	0.02	0.04	0.02	3.0	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
3/7/2024 12:58:00	2.4	6.3	4.0	0.02	0.04	0.02	3.0	SE
3/7/2024 12:59:00	2.2	6.2	4.0	0.02	0.04	0.02	3.0	ESE
3/7/2024 13:00:00	2.0	6.1	4.0	0.02	0.04	0.02	2.8	ESE
3/7/2024 13:01:00	2.0	6.0	4.0	0.02	0.04	0.02	2.6	SW
3/7/2024 13:02:00	1.9	5.8	3.9	0.02	0.04	0.02	2.6	NE
3/7/2024 13:03:00	1.9	3.3	1.4	0.02	0.03	0.02	2.5	WSW
3/7/2024 13:04:00	1.9	2.0	0.1	0.02	0.03	0.01	2.5	S
3/7/2024 13:05:00	1.9	1.9	0.0	0.02	0.02	0.00	2.6	SSW
3/7/2024 13:06:00	2.0	2.1	0.1	0.02	0.02	0.00	2.6	SSW
3/7/2024 13:07:00	2.3	2.1	-0.2	0.02	0.02	0.00	2.6	ESE
3/7/2024 13:08:00	2.4	2.1	-0.3	0.01	0.02	0.00	2.7	NE
3/7/2024 13:09:00	2.4	2.2	-0.2	0.01	0.01	0.00	2.8	E
3/7/2024 13:10:00	2.3	2.2	-0.1	0.01	0.01	0.00	2.8	E
3/7/2024 13:11:00	2.2	2.1	-0.1	0.01	0.01	0.00	2.8	ESE
3/7/2024 13:12:00	2.2	2.1	-0.1	0.01	0.00	0.00	2.7	ESE
3/7/2024 13:13:00	2.2	2.1	-0.1	0.01	0.00	0.00	2.7	NW
3/7/2024 13:14:00	2.2	2.1	-0.1	0.01	0.00	0.00	2.8	SE
3/7/2024 13:15:00	2.2	2.1	-0.1	0.01	0.00	0.00	2.9	ESE
3/7/2024 13:16:00	2.2	2.1	-0.1	0.01	0.00	0.00	3.0	E
3/7/2024 13:17:00	2.1	2.1	-0.1	0.01	0.00	0.00	3.1	ESE
3/7/2024 13:18:00	2.0	2.0	0.0	0.01	0.00	0.00	3.1	E
3/7/2024 13:19:00	2.0	2.1	0.1	0.00	0.00	0.00	3.2	ESE
3/7/2024 13:20:00	2.0	2.1	0.0	0.02	0.00	-0.02	3.2	S
3/7/2024 13:21:00	1.9	1.8	-0.1	0.02	0.02	0.00	3.3	E
3/7/2024 13:22:00	1.6	1.7	0.1	0.02	0.02	0.00	3.4	ESE
3/7/2024 13:23:00	2.1	2.1	0.0	0.02	0.02	0.00	3.4	SSE
3/7/2024 13:24:00	2.2	4.4	2.2	0.02	0.02	0.00	3.3	E
3/7/2024 13:25:00	2.3	6.5	4.2	0.02	0.03	0.01	3.2	ESE
3/7/2024 13:26:00	3.8	6.8	3.0	0.03	0.03	0.00	3.2	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
3/7/2024 13:27:00	4.0	9.3	5.3	0.03	0.04	0.01	3.2	ESE
3/7/2024 13:28:00	4.1	10.7	6.6	0.03	0.05	0.02	3.1	ESE
3/7/2024 13:29:00	4.4	11.4	7.0	0.03	0.06	0.03	3.1	SE
3/7/2024 13:30:00	4.5	12.1	7.5	0.03	0.06	0.03	3.0	SE
3/7/2024 13:31:00	4.7	35.5	30.8	0.03	0.06	0.03	3.1	ESE
3/7/2024 13:32:00	13.2	35.7	22.5	0.03	0.06	0.04	3.0	SW
3/7/2024 13:33:00	17.0	36.0	19.0	0.04	0.07	0.02	2.9	S
3/7/2024 13:34:00	17.3	36.8	19.5	0.05	0.09	0.04	2.9	E
3/7/2024 13:35:00	17.4	36.9	19.4	0.03	0.10	0.08	2.9	E
3/7/2024 13:36:00	17.5	36.9	19.4	0.03	0.10	0.07	2.8	E
3/7/2024 13:37:00	17.6	37.1	19.5	0.03	0.09	0.06	2.6	E
3/7/2024 13:38:00	17.1	36.8	19.7	0.03	0.09	0.06	2.7	WSW
3/7/2024 13:39:00	17.1	34.5	17.4	0.03	0.09	0.06	2.7	ESE
3/7/2024 13:40:00	17.0	32.7	15.6	0.03	0.08	0.06	2.8	ESE
3/7/2024 13:41:00	19.2	32.4	13.3	0.02	0.08	0.06	2.8	WNW
3/7/2024 13:42:00	19.3	31.3	12.0	0.02	0.09	0.07	2.7	ESE
3/7/2024 13:43:00	19.3	32.6	13.3	0.02	0.10	0.08	2.7	ESE
3/7/2024 13:44:00	19.1	35.8	16.7	0.02	0.10	0.08	2.8	ESE
3/7/2024 13:45:00	19.3	40.0	20.7	0.02	0.10	0.08	2.7	N
3/7/2024 13:46:00	19.5	20.6	1.1	0.02	0.15	0.13	2.6	ESE
3/7/2024 13:47:00	12.3	23.1	10.8	0.02	0.19	0.17	2.7	E
3/7/2024 13:48:00	9.1	23.6	14.4	0.01	0.21	0.21	2.7	ENE
3/7/2024 13:49:00	9.0	22.9	13.9	0.01	0.22	0.21	2.7	SE
3/7/2024 13:50:00	8.8	22.9	14.0	0.00	0.22	0.21	2.7	SE
3/7/2024 13:51:00	8.8	22.9	14.0	0.00	0.22	0.21	2.7	ESE
3/7/2024 13:52:00	8.7	22.6	14.0	0.00	0.21	0.21	2.7	ESE
3/7/2024 13:53:00	8.6	22.4	13.9	0.00	0.21	0.21	2.7	ESE
3/7/2024 13:54:00	8.4	22.3	13.9	0.00	0.21	0.21	2.6	ESE
3/7/2024 13:55:00	8.6	22.1	13.5	0.00	0.21	0.21	2.5	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
3/7/2024 13:56:00	5.2	22.0	16.8	0.00	0.21	0.21	2.4	ESE
3/7/2024 13:57:00	5.0	20.8	15.8	0.00	0.20	0.20	2.3	ESE
3/7/2024 13:58:00	4.8	18.1	13.2	0.00	0.18	0.17	2.3	SE
3/7/2024 13:59:00	5.0	14.2	9.2	0.00	0.17	0.17	2.3	ESE
3/7/2024 14:00:00	4.7	9.4	4.7	0.00	0.17	0.16	2.3	ESE
3/7/2024 14:01:00	4.4	6.0	1.6	0.00	0.12	0.12	2.3	WSW
3/7/2024 14:02:00	3.4	3.2	-0.2	0.00	0.07	0.07	2.3	E
3/7/2024 14:03:00	3.0	2.6	-0.4	0.00	0.05	0.04	2.2	N
3/7/2024 14:04:00	2.7	2.3	-0.4	0.00	0.02	0.02	2.2	ENE
3/7/2024 14:05:00	2.7	2.2	-0.6	0.00	0.01	0.01	2.2	SE
3/7/2024 14:06:00	2.8	2.2	-0.6	0.00	0.00	0.00	2.3	E
3/7/2024 14:07:00	2.9	2.2	-0.7	0.00	0.00	0.00	2.2	E
3/7/2024 14:08:00	3.0	2.3	-0.7	0.00	0.00	0.00	2.3	E
3/7/2024 14:09:00	3.0	2.4	-0.6	0.00	0.00	0.00	2.4	ESE
3/7/2024 14:10:00	2.7	2.4	-0.3	0.00	0.00	0.00	2.8	E
3/7/2024 14:11:00	2.4	2.3	-0.1	0.00	0.00	0.00	2.9	ESE
3/7/2024 14:12:00	2.4	2.2	-0.1	0.00	0.00	0.00	2.9	E
3/7/2024 14:13:00	2.3	2.2	-0.1	0.00	0.00	0.00	2.8	SSW
3/7/2024 14:14:00	2.2	2.2	0.0	0.00	0.00	0.00	2.8	SE
3/7/2024 14:15:00	2.1	2.2	0.1	0.00	0.00	0.00	3.0	ESE
3/7/2024 14:16:00	2.1	1.7	-0.4	0.00	0.00	0.00	3.0	ESE
3/7/2024 14:17:00	1.8	1.6	-0.2	0.00	0.00	0.00	3.0	ESE
3/7/2024 14:18:00	1.8	1.6	-0.1	0.00	0.00	0.00	3.3	ESE
3/7/2024 14:19:00	1.7	1.6	-0.1	0.00	0.00	0.00	3.4	ESE
3/7/2024 14:20:00	1.6	1.6	0.0	0.00	0.00	0.00	3.5	ESE
3/7/2024 14:21:00	1.4	1.6	0.1	0.00	0.00	0.00	3.6	ESE
3/7/2024 14:22:00	1.3	1.5	0.2	0.00	0.00	0.00	3.8	SE
3/7/2024 14:23:00	1.3	1.5	0.2	0.00	0.00	0.00	3.8	ESE
3/7/2024 14:24:00	1.2	1.4	0.2	0.00	0.00	0.00	3.7	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
3/7/2024 14:25:00	1.3	1.4	0.2	0.00	0.00	0.00	3.5	ESE
3/7/2024 14:26:00	1.3	1.4	0.2	0.00	0.00	0.00	3.4	E
3/7/2024 14:27:00	1.3	1.4	0.2	0.00	0.00	0.00	3.6	E
3/7/2024 14:28:00	1.3	1.4	0.1	0.00	0.00	0.00	3.7	ESE
3/7/2024 14:29:00	1.2	1.4	0.2	0.00	0.00	0.00	3.8	ENE
3/7/2024 14:30:00	1.2	1.6	0.5	0.00	0.00	0.00	3.7	ESE
3/7/2024 14:31:00	1.4	1.6	0.3	0.00	0.00	0.00	3.7	WSW
3/7/2024 14:32:00	1.3	1.8	0.5	0.00	0.00	0.00	3.8	ESE
3/7/2024 14:33:00	1.3	1.9	0.6	0.00	0.00	0.00	3.8	E
3/7/2024 14:34:00	1.5	1.9	0.4	0.00	0.00	0.00	3.7	SSW
3/7/2024 14:35:00	1.6	2.1	0.5	0.00	0.00	0.00	3.5	E
3/7/2024 14:36:00	1.7	2.3	0.7	0.00	0.00	0.00	3.4	ESE
3/7/2024 14:37:00	1.7	2.5	0.8	0.00	0.00	0.00	3.5	ESE
3/7/2024 14:38:00	1.7	2.7	1.0	0.00	0.00	0.00	3.4	ESE
3/7/2024 14:39:00	1.9	2.7	0.8	0.00	0.00	0.00	3.3	SSE
3/7/2024 14:40:00	2.1	2.7	0.6	0.00	0.00	0.00	3.3	SSW
3/7/2024 14:41:00	2.1	2.8	0.7	0.00	0.00	0.00	3.2	E
3/7/2024 14:42:00	2.1	3.0	0.9	0.00	0.00	0.00	3.2	ESE
3/7/2024 14:43:00	2.3	3.0	0.7	0.00	0.00	0.00	3.0	SSE
3/7/2024 14:44:00	2.5	3.0	0.5	0.00	0.00	0.00	3.0	SW
3/7/2024 14:45:00	2.5	2.9	0.4	0.00	0.00	0.00	2.8	SE
3/7/2024 14:46:00	2.4	3.1	0.7	0.00	0.00	0.00	2.8	ESE
3/7/2024 14:47:00	2.5	2.9	0.4	0.00	0.00	0.00	2.8	SSE
3/7/2024 14:48:00	2.5	2.8	0.3	0.00	0.00	0.00	2.6	E
3/7/2024 14:49:00	2.4	3.0	0.6	0.00	0.00	0.00	2.7	ENE
3/7/2024 14:50:00	2.3	2.9	0.6	0.00	0.00	0.00	2.8	E
3/7/2024 14:51:00	2.4	2.6	0.3	0.00	0.00	0.00	2.8	SW
3/7/2024 14:52:00	2.4	2.6	0.2	0.00	0.00	0.00	2.6	E
3/7/2024 14:53:00	2.4	2.5	0.2	0.00	0.00	0.00	2.6	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
3/7/2024 14:54:00	2.3	2.5	0.2	0.00	0.00	0.00	2.7	W
3/7/2024 14:55:00	2.0	2.6	0.6	0.00	0.00	0.00	2.7	N
3/7/2024 14:56:00	2.0	2.6	0.6	0.00	0.00	0.00	2.7	SE
3/7/2024 14:57:00	2.1	2.6	0.5	0.00	0.00	0.00	2.7	E
3/7/2024 14:58:00	1.9	2.8	0.8	0.00	0.00	0.00	2.8	ESE
3/7/2024 14:59:00	1.7	2.8	1.1	0.00	0.00	0.00	2.8	ENE
3/7/2024 15:00:00	1.7	2.8	1.1	0.00	0.00	0.00	3.0	E
3/7/2024 15:01:00	1.6	2.8	1.1	0.00	0.00	0.00	3.0	ESE
3/7/2024 15:02:00	1.5	2.9	1.4	0.00	0.00	0.00	3.1	ESE
3/7/2024 15:03:00				0.00	0.00	0.00	3.1	S
3/7/2024 15:04:00				0.00	0.00	0.00	3.2	ESE
3/7/2024 15:05:00	1.1	3.7	2.6	0.00	0.00	0.00	3.1	SE
3/7/2024 15:06:00				0.00	0.00	0.00	3.2	SSW
3/7/2024 15:07:00				0.00	0.00	0.00	3.3	SE
3/7/2024 15:08:00	3.0	1.6	-1.4	0.00	0.00	0.00	3.3	WSW
3/7/2024 15:09:00	3.5	2.2	-1.3	0.00	0.00	0.00	3.2	SE
3/7/2024 15:10:00	3.3	2.9	-0.4	0.00	0.00	0.00	3.3	E
3/7/2024 15:11:00	3.1	2.5	-0.6	0.00	0.00	0.00	3.3	S
3/7/2024 15:12:00	2.8	2.5	-0.3	0.00	0.00	0.00	3.4	ESE
3/7/2024 15:13:00	2.8	2.4	-0.4	0.00	0.00	0.00	3.3	SW
3/7/2024 15:14:00	2.8	2.4	-0.4	0.00	0.00	0.00	3.2	SSE