

**DAILY FIELD REPORT 184**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	February 7, 2024
<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	6:45 am to 3:30 pm

<b>Consultant:</b> Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	<b>Langan Field Personnel:</b> Caitlyn Dempsey (Environmental) Greg Wyka (Environmental) Xianglei Zheng (Geotechnical)
<b>Construction Manager:</b> Consigli Construction Co., Inc. (Consigli)	
<b>Foundation Contractor:</b> Urban Foundation/Engineering (Urban) <b>Remedial Injection Contractors:</b> Brookside Environmental, Inc. (Brookside) and Coastal Environmental Solutions, Inc. (Coastal)	

**Work Activities Performed:**

- Urban continued excavating an about 5-foot-long by about 20-foot-wide area from about 10 feet below grade surface (bgs) to about 22 feet bgs in the central part of grids WC02\_10-15, WC02\_15-20 and WC02\_20-25 to install timber lagging. Excavated soil/fill was stockpiled in the southwestern corner of WC02, pending off-site disposal.
- Urban excavated an about 10-foot-long by about 5-foot-wide area from about 10 feet bgs to about 22 feet bgs in the western part of grids WC02\_10-15, WC02\_15-20 and WC02\_20-25 to install timber lagging. Excavated soil/fill was stockpiled in the southwestern corner of WC02, pending off-site disposal.
- Urban graded an about 20-foot-long by about 25-foot-wide area in the southern part of grid WC02 and an about 20-foot-long by about 40-foot-wide area in the center of grids WC04 and WC05 to mobilize equipment.
- Excavated and graded soil/fill consisted of non-native soil; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a petroleum or chemical release were not observed.
- Urban continued installing one casing for one caisson in the southern part of grid WC04.
- 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-04, IP-05, and IP-06.
  - IP-04, IP-05, and IP-06 were completed using a total of about 1,074 gallons of PetroFix injected from 7 feet bgs to 22 feet bgs (el -1 to el -16) at each injection point.
- The New York State Department of Environmental Conservation (NYSDEC) was on-site to discuss the implementation of the NYSDEC-approved Remedial Action Work Plan (RAWP) with Langan, Consigli, and Urban.

**Material Tracking:**

- The following soil/fill was exported from the site:
  - 3 loads of soil/fill from waste characterization grids WC02\_15-20, WC02\_20-25, WC02\_25-20, WC04\_0-5, and WC05\_0-5 were exported for off-site disposal at the Clean Earth of Carteret LLC facility in Carteret, NJ.
- 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&amp;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	-	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	267	5,340	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.

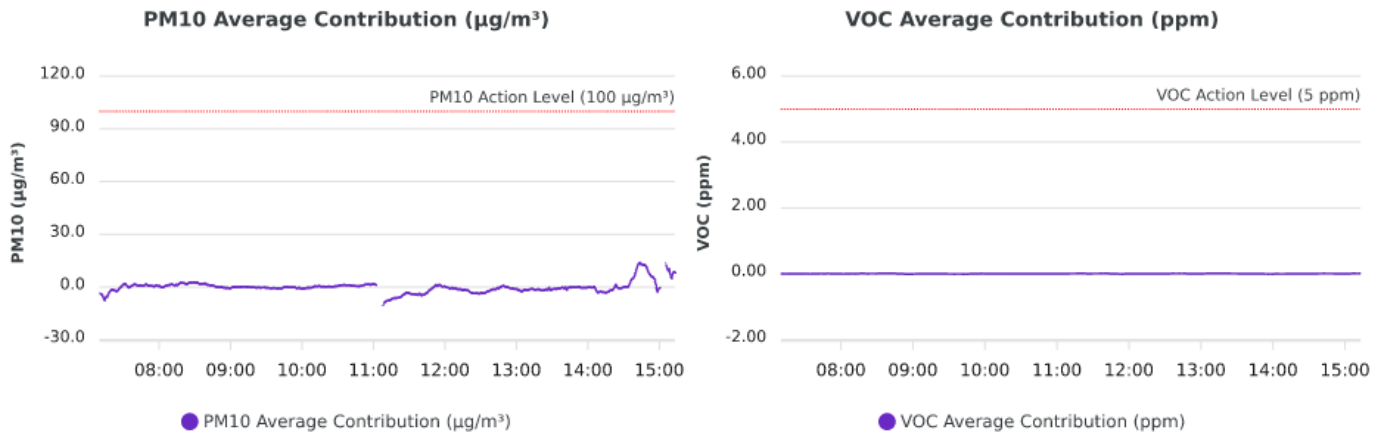
**Air Monitoring:**

The 15-minute average site contributions for particulates and volatile organic compounds (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	6.2	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-10.5	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	14.0	VOC Average Site Contribution (Maximum)	0.02

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

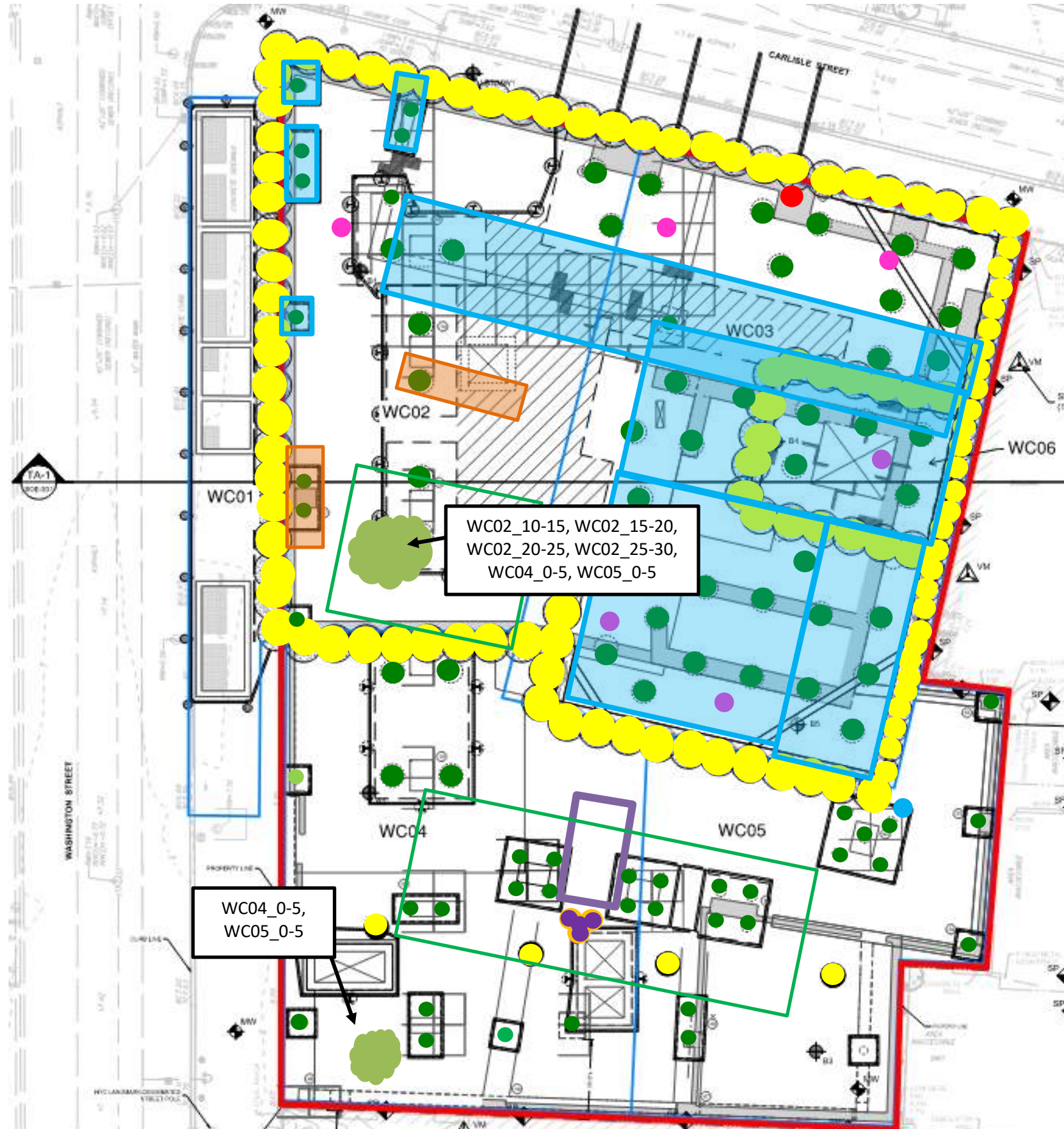
ppm: parts per million.



**Planned Activities:**

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

**SITE PLAN**









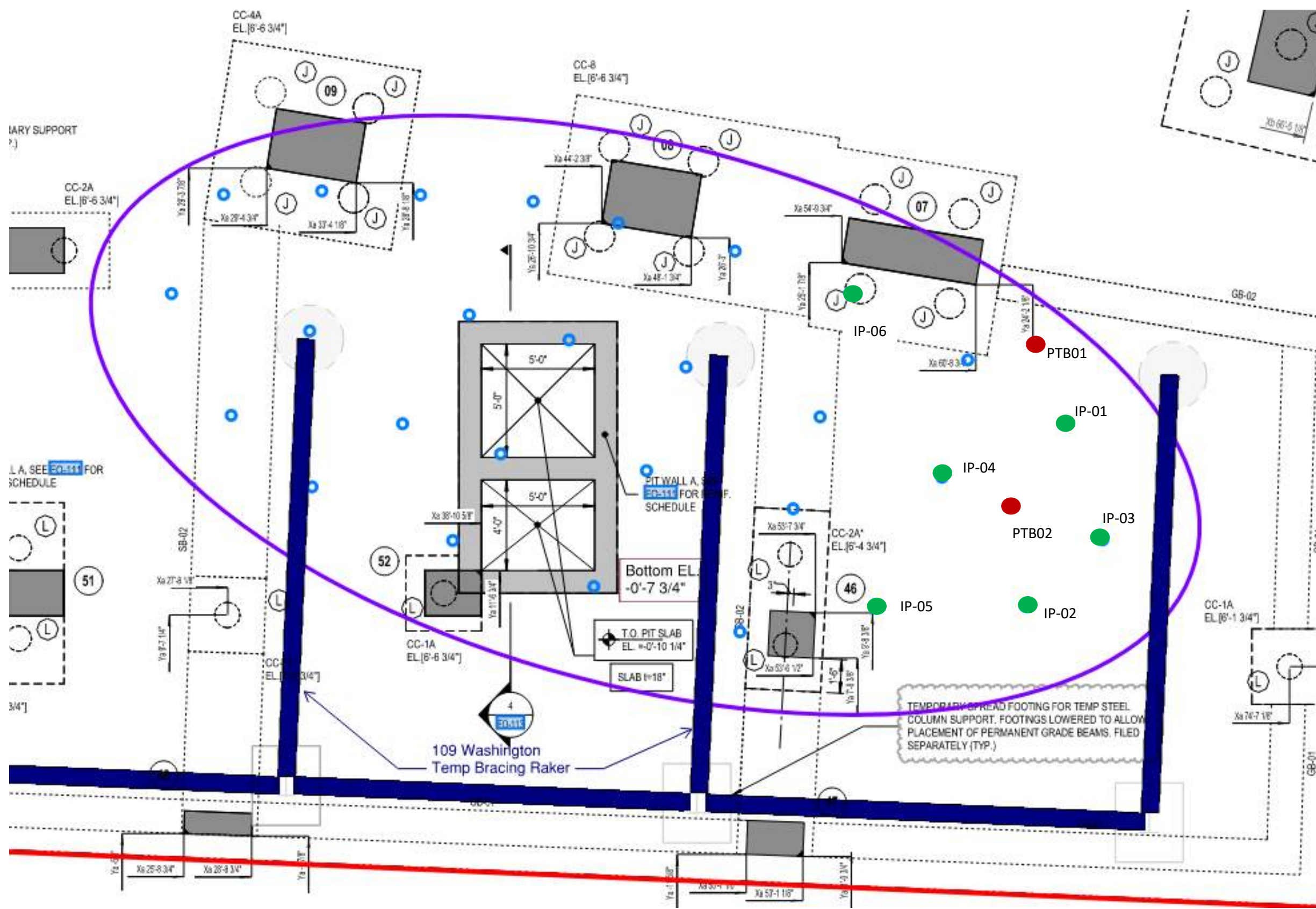
- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile - Soil (no impacts)**
- **Stockpile - C&D**
- **Stockpile - Timber Piles**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- **Completed 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 for soil/fill export (facing south).



**Photo 2:** Urban grading soil/fill in grid WC02 (facing south).





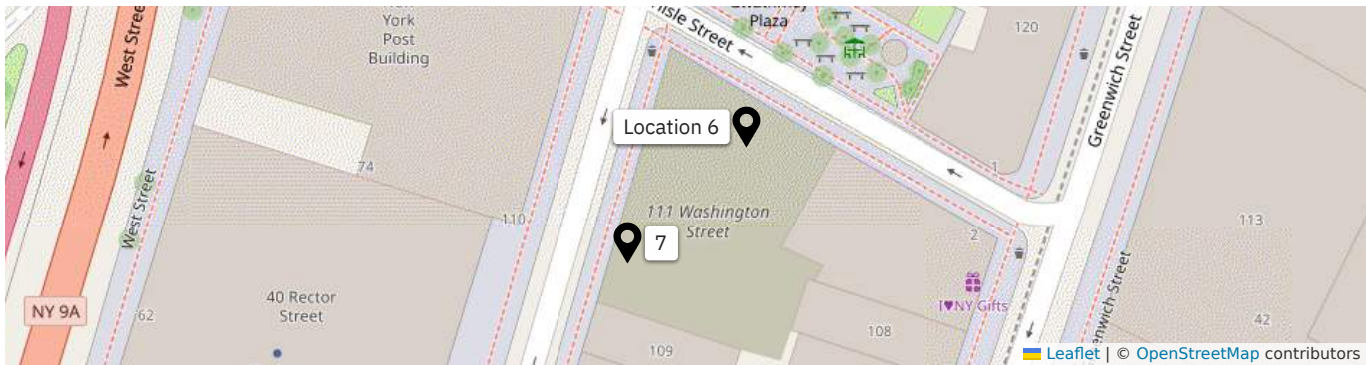
**Photo 3:** View of Brookside and Coastal installing an injection point in the southern part of the site (facing northwest).



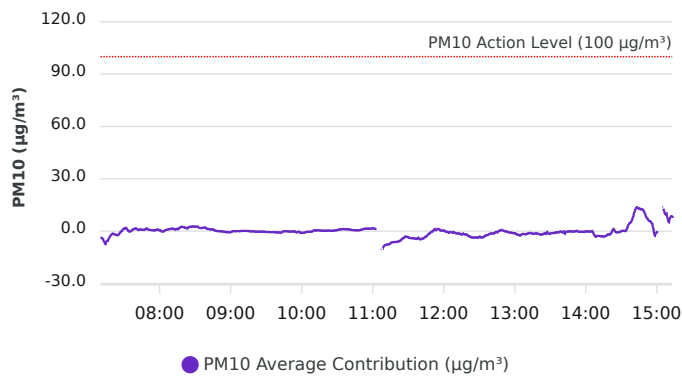
<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	2/7/2024 06:00
		<b>To:</b>	2/7/2024 19:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

<b>Daily Environmental Summary</b>	<b>Windspeed (mph)</b>	<b>Prevailing wind direction</b>
2/7/2024	0.6-2.9	ESE

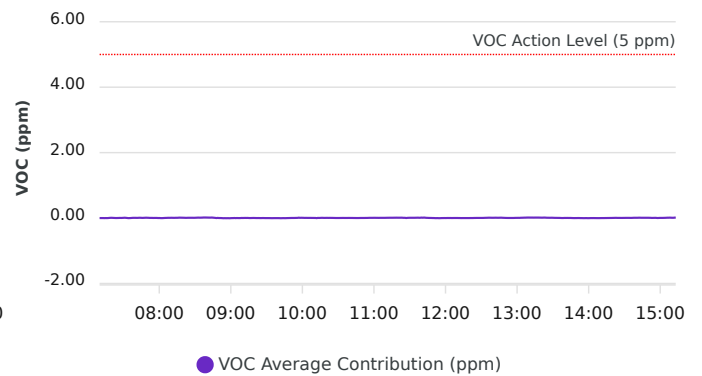
Daily Monitoring Summary	PM10 ( $\mu\text{g}/\text{m}^3$ )	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 2/7/2024	-10.5	11:07	-0.01	08:59
Max Contribution (15 min avg.) - 2/7/2024	14.0	15:05	0.02	08:37



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

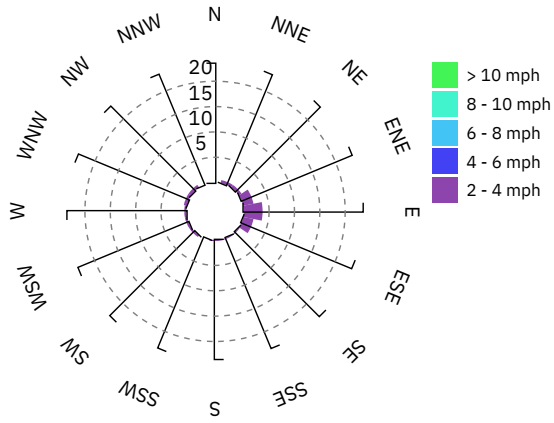


**VOC Average Contribution (ppm)**





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
2/7/2024 07:10:00	6.2	2.7	-3.5	0.00	0.00	0.00	1.8	SSW
2/7/2024 07:11:00	6.4	2.3	-4.0	0.00	0.00	0.00	1.8	SSW
2/7/2024 07:12:00	6.6	2.0	-4.6	0.00	0.00	0.00	1.7	SSE
2/7/2024 07:13:00	8.1	1.8	-6.3	0.00	0.00	0.00	1.5	SE
2/7/2024 07:14:00	9.3	1.7	-7.7	0.00	0.00	0.00	1.4	S
2/7/2024 07:15:00	8.0	2.5	-5.5	0.00	0.00	0.00	1.4	E
2/7/2024 07:16:00	8.0	2.4	-5.7	0.00	0.00	0.00	1.4	S
2/7/2024 07:17:00	7.1	3.2	-3.9	0.00	0.00	0.00	1.3	E
2/7/2024 07:18:00	6.4	3.7	-2.8	0.00	0.01	0.00	1.4	ESE
2/7/2024 07:19:00	5.9	4.0	-1.9	0.00	0.01	0.01	1.3	ENE
2/7/2024 07:20:00	5.6	4.2	-1.3	0.00	0.01	0.01	1.3	N
2/7/2024 07:21:00	5.7	4.0	-1.7	0.00	0.01	0.01	1.3	W
2/7/2024 07:22:00	5.8	3.9	-1.9	0.01	0.01	0.00	1.3	SSE
2/7/2024 07:23:00	5.9	3.7	-2.1	0.01	0.01	0.00	1.3	NW
2/7/2024 07:24:00	6.1	3.6	-2.5	0.01	0.01	0.00	1.3	SSE
2/7/2024 07:25:00	5.8	3.9	-1.9	0.01	0.01	0.00	1.3	E
2/7/2024 07:26:00	5.5	4.5	-1.0	0.01	0.01	0.00	1.3	NE
2/7/2024 07:27:00	5.2	5.0	-0.2	0.01	0.01	0.01	1.3	E
2/7/2024 07:28:00	4.9	5.1	0.2	0.01	0.01	0.00	1.3	SSE
2/7/2024 07:29:00	4.1	5.5	1.4	0.01	0.01	0.01	1.3	NE
2/7/2024 07:30:00	4.1	5.5	1.3	0.01	0.01	0.01	1.3	NE
2/7/2024 07:31:00	3.7	5.7	2.0	0.01	0.02	0.01	1.4	E
2/7/2024 07:32:00	4.0	5.3	1.3	0.01	0.02	0.01	1.4	WSW
2/7/2024 07:33:00	4.6	5.0	0.4	0.01	0.01	0.00	1.4	SSE
2/7/2024 07:34:00	5.1	4.7	-0.4	0.01	0.01	0.00	1.4	NW
2/7/2024 07:35:00	5.1	5.1	-0.1	0.01	0.01	0.00	1.4	ESE
2/7/2024 07:36:00	4.8	5.2	0.5	0.01	0.01	0.00	1.4	ENE
2/7/2024 07:37:00	4.5	5.4	0.8	0.01	0.01	0.00	1.5	E
2/7/2024 07:38:00	4.3	5.5	1.3	0.01	0.02	0.01	1.5	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
2/7/2024 07:39:00	4.0	5.6	1.6	0.01	0.02	0.01	1.5	SE
2/7/2024 07:40:00	4.0	5.4	1.4	0.01	0.01	0.01	1.4	NE
2/7/2024 07:41:00	4.0	4.9	0.9	0.01	0.01	0.01	1.5	E
2/7/2024 07:42:00	4.0	4.6	0.6	0.01	0.01	0.01	1.5	ENE
2/7/2024 07:43:00	3.8	4.8	1.1	0.01	0.02	0.01	1.6	NE
2/7/2024 07:44:00	3.8	4.7	0.9	0.01	0.02	0.01	1.6	E
2/7/2024 07:45:00	3.9	4.7	0.8	0.01	0.01	0.01	1.6	SE
2/7/2024 07:46:00	4.0	4.7	0.7	0.01	0.01	0.01	1.6	ESE
2/7/2024 07:47:00	3.9	4.7	0.8	0.01	0.01	0.01	1.6	NW
2/7/2024 07:48:00	3.5	4.8	1.4	0.00	0.01	0.01	1.6	ENE
2/7/2024 07:49:00	3.3	4.8	1.6	0.00	0.01	0.01	1.5	SSW
2/7/2024 07:50:00	3.5	4.2	0.7	0.00	0.01	0.01	1.6	S
2/7/2024 07:51:00	3.5	4.3	0.8	0.00	0.01	0.01	1.6	ENE
2/7/2024 07:52:00	3.7	4.3	0.6	0.00	0.01	0.01	1.6	WSW
2/7/2024 07:53:00	3.7	4.3	0.7	0.00	0.01	0.01	1.6	E
2/7/2024 07:54:00	3.8	4.4	0.6	0.00	0.01	0.01	1.6	SSE
2/7/2024 07:55:00	4.1	4.4	0.3	0.01	0.01	0.00	1.6	NW
2/7/2024 07:56:00	4.1	4.7	0.5	0.01	0.01	0.00	1.5	SE
2/7/2024 07:57:00	4.1	5.0	0.8	0.01	0.01	0.00	1.5	NE
2/7/2024 07:58:00	4.1	5.1	1.0	0.01	0.01	0.00	1.4	SE
2/7/2024 07:59:00	4.6	5.0	0.4	0.01	0.01	0.00	1.4	SW
2/7/2024 08:00:00	4.5	5.3	0.7	0.01	0.01	0.00	1.4	E
2/7/2024 08:01:00	5.1	5.0	0.0	0.01	0.01	0.00	1.4	SSE
2/7/2024 08:02:00	5.4	5.1	-0.3	0.01	0.01	0.00	1.3	NW
2/7/2024 08:03:00	5.4	5.3	-0.1	0.01	0.01	0.00	1.3	ESE
2/7/2024 08:04:00	5.2	5.5	0.3	0.01	0.01	0.00	1.4	E
2/7/2024 08:05:00	5.0	5.8	0.7	0.01	0.01	0.00	1.3	NNE
2/7/2024 08:06:00	5.0	5.8	0.7	0.01	0.01	0.01	1.3	ESE
2/7/2024 08:07:00	4.8	5.9	1.1	0.01	0.01	0.01	1.3	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
2/7/2024 08:08:00	4.8	6.0	1.2	0.01	0.01	0.01	1.4	NNE
2/7/2024 08:09:00	4.7	5.9	1.2	0.01	0.01	0.01	1.4	NW
2/7/2024 08:10:00	4.5	6.0	1.6	0.01	0.01	0.01	1.3	ESE
2/7/2024 08:11:00	4.4	5.8	1.4	0.01	0.01	0.01	1.3	ESE
2/7/2024 08:12:00	4.4	5.5	1.1	0.01	0.01	0.01	1.3	E
2/7/2024 08:13:00	4.4	5.3	0.9	0.01	0.01	0.01	1.4	ESE
2/7/2024 08:14:00	4.0	5.4	1.5	0.01	0.01	0.01	1.3	SE
2/7/2024 08:15:00	3.9	4.9	1.0	0.01	0.01	0.01	1.4	NNE
2/7/2024 08:16:00	3.4	5.0	1.6	0.00	0.01	0.01	1.4	NNE
2/7/2024 08:17:00	2.9	5.1	2.2	0.00	0.01	0.01	1.4	E
2/7/2024 08:18:00	2.9	5.4	2.5	0.00	0.01	0.01	1.4	ESE
2/7/2024 08:19:00	2.9	5.3	2.4	0.00	0.01	0.01	1.4	E
2/7/2024 08:20:00	2.9	5.2	2.3	0.00	0.01	0.01	1.4	E
2/7/2024 08:21:00	2.9	5.0	2.1	0.00	0.01	0.01	1.4	ESE
2/7/2024 08:22:00	3.0	4.8	1.9	0.00	0.01	0.01	1.4	SSW
2/7/2024 08:23:00	3.4	4.9	1.4	0.00	0.01	0.01	1.4	E
2/7/2024 08:24:00	3.5	5.7	2.2	0.00	0.01	0.01	1.4	E
2/7/2024 08:25:00	3.5	6.0	2.5	0.00	0.01	0.01	1.4	ESE
2/7/2024 08:26:00	3.6	6.2	2.6	0.00	0.01	0.01	1.4	E
2/7/2024 08:27:00	3.8	6.2	2.4	0.00	0.01	0.01	1.4	E
2/7/2024 08:28:00	3.7	6.5	2.8	0.00	0.01	0.01	1.5	ESE
2/7/2024 08:29:00	4.0	6.5	2.5	0.00	0.01	0.01	1.5	SW
2/7/2024 08:30:00	4.0	6.5	2.5	0.00	0.01	0.01	1.4	E
2/7/2024 08:31:00	4.1	6.7	2.6	0.00	0.01	0.01	1.4	E
2/7/2024 08:32:00	4.2	6.7	2.6	0.00	0.01	0.01	1.4	ESE
2/7/2024 08:33:00	4.3	6.2	1.9	0.00	0.01	0.01	1.4	NE
2/7/2024 08:34:00	4.3	6.1	1.7	0.00	0.01	0.01	1.4	WSW
2/7/2024 08:35:00	4.3	6.2	1.8	0.00	0.01	0.01	1.4	E
2/7/2024 08:36:00	4.4	6.2	1.9	0.00	0.02	0.01	1.4	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
2/7/2024 08:37:00	4.3	6.2	1.9	0.00	0.02	0.02	1.4	ESE
2/7/2024 08:38:00	3.8	6.0	2.2	0.00	0.02	0.02	1.3	ESE
2/7/2024 08:39:00	3.6	5.3	1.7	0.00	0.02	0.02	1.3	SE
2/7/2024 08:40:00	3.7	4.8	1.2	0.00	0.02	0.02	1.3	SW
2/7/2024 08:41:00	3.5	4.8	1.3	0.00	0.02	0.01	1.3	E
2/7/2024 08:42:00	3.6	4.6	1.0	0.00	0.02	0.01	1.3	S
2/7/2024 08:43:00	3.5	4.4	0.9	0.00	0.02	0.01	1.3	ENE
2/7/2024 08:44:00	3.3	4.4	1.1	0.00	0.02	0.02	1.3	ESE
2/7/2024 08:45:00	3.2	4.2	0.9	0.00	0.02	0.01	1.3	SSE
2/7/2024 08:46:00	3.4	3.9	0.5	0.01	0.01	0.01	1.3	SW
2/7/2024 08:47:00	3.4	3.6	0.2	0.01	0.01	0.01	1.3	W
2/7/2024 08:48:00	3.5	3.5	0.0	0.01	0.01	0.00	1.3	NW
2/7/2024 08:49:00	3.4	3.5	0.1	0.01	0.01	0.01	1.3	ENE
2/7/2024 08:50:00	3.5	3.4	-0.1	0.01	0.01	0.00	1.3	SSE
2/7/2024 08:51:00	3.4	3.3	-0.1	0.01	0.01	0.00	1.3	ESE
2/7/2024 08:52:00	3.4	3.4	0.0	0.01	0.01	0.00	1.3	SE
2/7/2024 08:53:00	3.4	3.2	-0.2	0.01	0.01	0.00	1.4	SSW
2/7/2024 08:54:00	3.6	3.1	-0.5	0.01	0.01	-0.01	1.3	SW
2/7/2024 08:55:00	3.4	3.2	-0.3	0.01	0.01	0.00	1.3	ENE
2/7/2024 08:56:00	3.5	2.7	-0.8	0.01	0.01	-0.01	1.3	WSW
2/7/2024 08:57:00	3.2	2.9	-0.4	0.01	0.01	0.00	1.3	ENE
2/7/2024 08:58:00	3.3	2.7	-0.6	0.01	0.01	0.00	1.2	E
2/7/2024 08:59:00	3.4	2.6	-0.8	0.01	0.01	-0.01	1.2	SSE
2/7/2024 09:00:00	3.2	2.8	-0.5	0.01	0.01	0.00	1.2	N
2/7/2024 09:01:00	3.0	2.9	-0.1	0.01	0.01	0.00	1.3	ENE
2/7/2024 09:02:00	2.9	2.9	0.0	0.01	0.01	0.00	1.3	NW
2/7/2024 09:03:00	2.7	2.8	0.1	0.01	0.01	0.00	1.4	WSW
2/7/2024 09:04:00	2.8	2.7	-0.1	0.01	0.01	0.00	1.4	SW
2/7/2024 09:05:00	2.7	2.8	0.1	0.01	0.01	0.00	1.3	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
2/7/2024 09:06:00	2.6	2.7	0.1	0.01	0.01	0.00	1.3	ESE
2/7/2024 09:07:00	2.7	2.7	-0.1	0.01	0.01	0.00	1.4	E
2/7/2024 09:08:00	2.7	2.7	0.0	0.01	0.01	0.00	1.4	SSW
2/7/2024 09:09:00	2.6	2.8	0.2	0.01	0.01	0.00	1.4	E
2/7/2024 09:10:00	2.7	2.7	0.1	0.01	0.01	0.00	1.5	N
2/7/2024 09:11:00	2.7	2.8	0.1	0.00	0.01	0.00	1.5	E
2/7/2024 09:12:00	2.7	2.8	0.1	0.00	0.01	0.00	1.5	NNW
2/7/2024 09:13:00	2.7	2.8	0.0	0.01	0.01	0.00	1.5	S
2/7/2024 09:14:00	2.6	2.8	0.2	0.00	0.01	0.00	1.6	E
2/7/2024 09:15:00	2.7	2.8	0.0	0.01	0.01	0.00	1.6	WNW
2/7/2024 09:16:00	2.8	2.7	-0.1	0.01	0.01	0.00	1.6	SW
2/7/2024 09:17:00	2.9	2.8	-0.1	0.00	0.01	0.00	1.6	WSW
2/7/2024 09:18:00	3.0	2.9	-0.1	0.00	0.01	0.00	1.5	SW
2/7/2024 09:19:00	3.0	3.0	-0.1	0.00	0.01	0.00	1.5	SSE
2/7/2024 09:20:00	3.2	2.9	-0.2	0.00	0.01	0.00	1.5	NW
2/7/2024 09:21:00	3.3	2.9	-0.4	0.00	0.00	0.00	1.5	SW
2/7/2024 09:22:00	3.2	2.9	-0.3	0.00	0.00	0.00	1.4	ENE
2/7/2024 09:23:00	3.2	2.9	-0.3	0.00	0.00	0.00	1.4	SE
2/7/2024 09:24:00	3.2	2.9	-0.3	0.00	0.00	0.00	1.4	SSW
2/7/2024 09:25:00	3.2	2.8	-0.4	0.00	0.00	0.00	1.4	W
2/7/2024 09:26:00	3.1	2.8	-0.3	0.00	0.00	0.00	1.4	ESE
2/7/2024 09:27:00	3.1	2.8	-0.3	0.00	0.00	0.00	1.3	SE
2/7/2024 09:28:00	3.1	2.8	-0.3	0.00	0.00	0.00	1.4	SSE
2/7/2024 09:29:00	3.1	2.7	-0.5	0.00	0.00	0.00	1.4	WNW
2/7/2024 09:30:00	3.1	2.6	-0.5	0.00	0.00	0.00	1.4	SW
2/7/2024 09:31:00	3.1	2.6	-0.5	0.00	0.00	0.00	1.4	SSW
2/7/2024 09:32:00	3.0	2.5	-0.5	0.00	0.00	0.00	1.3	SSW
2/7/2024 09:33:00	2.9	2.4	-0.6	0.01	0.00	0.00	1.3	SSE
2/7/2024 09:34:00	2.9	2.3	-0.6	0.01	0.00	0.00	1.3	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
2/7/2024 09:35:00	2.8	2.3	-0.5	0.01	0.00	0.00	1.4	WSW
2/7/2024 09:36:00	2.7	2.3	-0.5	0.01	0.00	0.00	1.4	S
2/7/2024 09:37:00	2.8	2.2	-0.6	0.01	0.00	0.00	1.4	W
2/7/2024 09:38:00	2.8	2.1	-0.7	0.01	0.00	0.00	1.5	SSE
2/7/2024 09:39:00	2.8	2.0	-0.8	0.01	0.00	0.00	1.5	W
2/7/2024 09:40:00	2.7	2.1	-0.6	0.01	0.00	0.00	1.5	ESE
2/7/2024 09:41:00	2.8	2.0	-0.8	0.01	0.00	0.00	1.5	SSW
2/7/2024 09:42:00	2.9	2.0	-0.9	0.01	0.00	-0.01	1.6	WNW
2/7/2024 09:43:00	2.9	2.3	-0.6	0.00	0.00	0.00	1.6	ENE
2/7/2024 09:44:00	3.0	2.8	-0.1	0.00	0.00	0.00	1.5	ESE
2/7/2024 09:45:00	3.0	3.0	-0.1	0.00	0.00	0.00	1.4	SSE
2/7/2024 09:46:00	3.1	3.1	0.0	0.00	0.00	0.00	1.4	SE
2/7/2024 09:47:00	3.4	3.4	0.0	0.00	0.00	0.00	1.4	SE
2/7/2024 09:48:00	3.9	3.8	-0.1	0.00	0.00	0.00	1.5	E
2/7/2024 09:49:00	4.3	4.1	-0.3	0.00	0.00	0.00	1.5	ESE
2/7/2024 09:50:00	4.7	4.5	-0.2	0.00	0.00	0.00	1.4	E
2/7/2024 09:51:00	5.2	5.0	-0.2	0.00	0.00	0.00	1.5	E
2/7/2024 09:52:00	5.7	5.5	-0.2	0.00	0.00	0.00	1.4	ESE
2/7/2024 09:53:00	6.0	5.9	-0.1	0.00	0.01	0.00	1.4	ENE
2/7/2024 09:54:00	6.6	6.4	-0.2	0.00	0.01	0.00	1.3	ENE
2/7/2024 09:55:00	7.5	6.7	-0.8	0.00	0.01	0.01	1.3	NE
2/7/2024 09:56:00	8.0	7.4	-0.6	0.00	0.01	0.01	1.3	E
2/7/2024 09:57:00	8.3	8.1	-0.2	0.00	0.01	0.01	1.3	ENE
2/7/2024 09:58:00	8.7	8.1	-0.6	0.01	0.01	0.01	1.3	SW
2/7/2024 09:59:00	8.9	7.8	-1.1	0.01	0.01	0.01	1.3	E
2/7/2024 10:00:00	9.0	8.1	-0.9	0.01	0.01	0.01	1.3	SSE
2/7/2024 10:01:00	9.0	8.2	-0.9	0.01	0.01	0.01	1.3	SW
2/7/2024 10:02:00	9.0	8.0	-0.9	0.01	0.01	0.01	1.3	SSE
2/7/2024 10:03:00	8.4	7.9	-0.5	0.01	0.01	0.01	1.3	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
2/7/2024 10:04:00	8.1	7.7	-0.4	0.01	0.01	0.01	1.3	WNW
2/7/2024 10:05:00	7.9	7.5	-0.4	0.01	0.01	0.01	1.4	ESE
2/7/2024 10:06:00	7.5	7.1	-0.3	0.01	0.01	0.01	1.3	SE
2/7/2024 10:07:00	7.2	6.8	-0.4	0.01	0.01	0.01	1.3	SSE
2/7/2024 10:08:00	7.0	6.7	-0.3	0.01	0.01	0.00	1.3	ENE
2/7/2024 10:09:00	6.3	6.3	0.0	0.01	0.01	0.00	1.4	N
2/7/2024 10:10:00	5.6	6.1	0.5	0.01	0.01	0.00	1.5	E
2/7/2024 10:11:00	5.0	5.5	0.5	0.01	0.01	0.00	1.5	E
2/7/2024 10:12:00	4.7	5.0	0.3	0.01	0.01	0.00	1.4	E
2/7/2024 10:13:00	4.4	4.9	0.5	0.01	0.01	0.01	1.4	E
2/7/2024 10:14:00	4.3	4.9	0.6	0.01	0.01	0.00	1.5	E
2/7/2024 10:15:00	4.4	4.8	0.3	0.00	0.01	0.01	1.5	NE
2/7/2024 10:16:00	4.5	4.7	0.2	0.00	0.01	0.01	1.4	ESE
2/7/2024 10:17:00	4.3	4.7	0.4	0.00	0.01	0.01	1.5	S
2/7/2024 10:18:00	4.3	4.5	0.1	0.00	0.01	0.01	1.4	SE
2/7/2024 10:19:00	4.2	4.4	0.2	0.00	0.01	0.01	1.4	W
2/7/2024 10:20:00	4.1	4.3	0.3	0.00	0.01	0.01	1.4	SE
2/7/2024 10:21:00	4.1	4.3	0.2	0.00	0.01	0.01	1.4	E
2/7/2024 10:22:00	4.0	4.4	0.4	0.00	0.01	0.01	1.4	SSW
2/7/2024 10:23:00	4.0	4.3	0.3	0.00	0.01	0.01	1.4	SE
2/7/2024 10:24:00	4.1	4.2	0.2	0.00	0.01	0.01	1.3	SSE
2/7/2024 10:25:00	4.1	4.3	0.1	0.00	0.01	0.01	1.3	NW
2/7/2024 10:26:00	4.2	4.5	0.3	0.00	0.01	0.00	1.2	ESE
2/7/2024 10:27:00	4.3	4.7	0.4	0.00	0.01	0.00	1.2	SE
2/7/2024 10:28:00	4.5	4.9	0.4	0.00	0.01	0.00	1.2	NNE
2/7/2024 10:29:00	4.4	4.8	0.5	0.00	0.01	0.00	1.3	E
2/7/2024 10:30:00	4.1	4.7	0.7	0.00	0.01	0.00	1.3	ESE
2/7/2024 10:31:00	3.9	4.8	0.9	0.00	0.01	0.00	1.3	N
2/7/2024 10:32:00	3.9	4.9	1.0	0.00	0.01	0.00	1.4	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
2/7/2024 10:33:00	4.0	5.1	1.1	0.00	0.01	0.00	1.3	E
2/7/2024 10:34:00	4.2	5.4	1.1	0.00	0.01	0.00	1.3	SE
2/7/2024 10:35:00	4.3	5.7	1.3	0.00	0.01	0.00	1.4	NNE
2/7/2024 10:36:00	4.5	5.6	1.1	0.00	0.00	0.00	1.4	SSE
2/7/2024 10:37:00	4.4	5.5	1.1	0.00	0.00	0.00	1.4	ESE
2/7/2024 10:38:00	4.4	5.4	1.0	0.00	0.00	0.00	1.5	SW
2/7/2024 10:39:00	4.3	5.5	1.1	0.00	0.00	0.00	1.6	E
2/7/2024 10:40:00	4.4	5.4	1.0	0.00	0.00	0.00	1.6	SW
2/7/2024 10:41:00	4.4	5.2	0.8	0.00	0.00	0.00	1.6	SSW
2/7/2024 10:42:00	4.3	5.0	0.6	0.00	0.00	0.00	1.7	E
2/7/2024 10:43:00	4.2	4.8	0.6	0.00	0.00	0.00	1.7	ESE
2/7/2024 10:44:00	4.2	4.8	0.6	0.00	0.00	0.00	1.7	SE
2/7/2024 10:45:00	4.3	4.8	0.5	0.00	0.00	0.00	1.7	SW
2/7/2024 10:46:00	4.3	4.9	0.5	0.00	0.00	0.00	1.7	NW
2/7/2024 10:47:00	4.5	5.0	0.5	0.00	0.00	0.00	1.6	ENE
2/7/2024 10:48:00	4.6	5.1	0.5	0.00	0.00	0.00	1.7	ENE
2/7/2024 10:49:00	4.5	5.2	0.6	0.00	0.01	0.00	1.6	E
2/7/2024 10:50:00	4.6	5.4	0.8	0.00	0.01	0.00	1.5	ESE
2/7/2024 10:51:00	4.5	5.6	1.1	0.00	0.01	0.00	1.5	ENE
2/7/2024 10:52:00	4.6	5.8	1.2	0.00	0.01	0.00	1.5	NNE
2/7/2024 10:53:00	4.7	6.1	1.4	0.00	0.01	0.00	1.4	E
2/7/2024 10:54:00	4.8	6.2	1.4	0.00	0.01	0.00	1.3	E
2/7/2024 10:55:00	4.8	6.3	1.4	0.00	0.01	0.01	1.3	ESE
2/7/2024 10:56:00	4.8	6.3	1.5	0.00	0.01	0.01	1.3	ENE
2/7/2024 10:57:00	4.9	6.2	1.3	0.00	0.01	0.01	1.2	S
2/7/2024 10:58:00	5.0	6.5	1.5	0.00	0.01	0.01	1.2	E
2/7/2024 10:59:00	5.1	6.7	1.6	0.00	0.01	0.01	1.1	E
2/7/2024 11:00:00	5.2	6.8	1.6	0.00	0.01	0.01	1.1	E
2/7/2024 11:01:00	5.3	6.8	1.4	0.00	0.01	0.01	1.1	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
2/7/2024 11:02:00	5.5	6.6	1.1	0.00	0.01	0.01	1.0	ESE
2/7/2024 11:03:00				0.00	0.01	0.01	1.0	ENE
2/7/2024 11:04:00				0.00	0.01	0.01	1.1	E
2/7/2024 11:05:00				0.00	0.01	0.01	1.1	E
2/7/2024 11:06:00				0.00	0.01	0.01	1.1	NE
2/7/2024 11:07:00	15.5	5.1	-10.5	0.00	0.01	0.01	1.1	E
2/7/2024 11:08:00	15.7	5.5	-10.2	0.00	0.01	0.01	1.1	NE
2/7/2024 11:09:00	15.4	6.8	-8.6	0.00	0.01	0.01	1.1	ENE
2/7/2024 11:10:00	15.2	7.2	-8.0	0.00	0.01	0.01	1.1	ENE
2/7/2024 11:11:00	14.6	6.8	-7.9	0.00	0.01	0.01	1.1	ENE
2/7/2024 11:12:00	14.3	6.7	-7.6	0.00	0.01	0.01	1.1	ENE
2/7/2024 11:13:00	14.1	6.4	-7.7	0.00	0.01	0.01	1.1	ESE
2/7/2024 11:14:00	13.9	6.6	-7.3	0.00	0.01	0.01	1.2	E
2/7/2024 11:15:00	13.9	7.2	-6.7	0.00	0.01	0.01	1.2	NNW
2/7/2024 11:16:00	13.6	7.3	-6.4	0.00	0.01	0.01	1.2	SE
2/7/2024 11:17:00	13.3	7.0	-6.3	0.00	0.01	0.01	1.2	NE
2/7/2024 11:18:00	13.0	6.8	-6.2	0.00	0.01	0.01	1.3	ESE
2/7/2024 11:19:00	12.8	6.6	-6.2	0.00	0.01	0.01	1.3	E
2/7/2024 11:20:00	12.6	6.4	-6.2	0.00	0.01	0.01	1.3	E
2/7/2024 11:21:00	12.4	6.3	-6.1	0.00	0.01	0.01	1.3	SE
2/7/2024 11:22:00	12.0	6.3	-5.7	0.00	0.01	0.01	1.4	E
2/7/2024 11:23:00	11.6	6.2	-5.4	0.00	0.01	0.01	1.4	N
2/7/2024 11:24:00	10.9	6.2	-4.7	0.00	0.01	0.01	1.4	WSW
2/7/2024 11:25:00	10.4	6.3	-4.1	0.00	0.01	0.01	1.4	NW
2/7/2024 11:26:00	10.3	6.4	-3.9	0.00	0.01	0.01	1.4	ESE
2/7/2024 11:27:00	9.8	6.7	-3.1	0.01	0.01	0.00	1.3	WSW
2/7/2024 11:28:00	9.9	6.7	-3.2	0.01	0.01	0.01	1.4	ENE
2/7/2024 11:29:00	9.8	6.5	-3.3	0.01	0.02	0.01	1.5	ENE
2/7/2024 11:30:00	9.6	5.9	-3.6	0.01	0.02	0.01	1.5	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
2/7/2024 11:31:00	9.7	5.8	-3.9	0.01	0.02	0.01	1.5	E
2/7/2024 11:32:00	9.7	5.7	-4.0	0.01	0.02	0.01	1.5	SE
2/7/2024 11:33:00	9.7	5.7	-4.0	0.01	0.02	0.01	1.5	ENE
2/7/2024 11:34:00	9.7	5.6	-4.1	0.01	0.02	0.01	1.4	E
2/7/2024 11:35:00	9.8	5.6	-4.2	0.01	0.02	0.01	1.4	E
2/7/2024 11:36:00	9.7	5.4	-4.3	0.01	0.02	0.01	1.5	ENE
2/7/2024 11:37:00	9.9	5.3	-4.6	0.01	0.02	0.01	1.4	ESE
2/7/2024 11:38:00	9.4	5.8	-3.6	0.01	0.02	0.01	1.4	WNW
2/7/2024 11:39:00	9.7	5.3	-4.4	0.01	0.02	0.01	1.5	ENE
2/7/2024 11:40:00	9.8	5.0	-4.8	0.01	0.02	0.01	1.5	E
2/7/2024 11:41:00	9.5	5.2	-4.3	0.01	0.02	0.01	1.5	W
2/7/2024 11:42:00	9.4	5.0	-4.3	0.01	0.02	0.01	1.5	W
2/7/2024 11:43:00	8.9	5.0	-4.0	0.01	0.02	0.01	1.5	ESE
2/7/2024 11:44:00	8.5	5.3	-3.3	0.01	0.01	0.01	1.5	NW
2/7/2024 11:45:00	8.3	5.3	-3.1	0.01	0.01	0.01	1.5	N
2/7/2024 11:46:00	7.8	5.5	-2.2	0.01	0.01	0.00	1.5	SW
2/7/2024 11:47:00	7.3	5.8	-1.5	0.01	0.01	0.00	1.5	S
2/7/2024 11:48:00	7.2	6.0	-1.2	0.01	0.01	0.00	1.5	ESE
2/7/2024 11:49:00	6.7	6.2	-0.5	0.01	0.01	0.00	1.5	SW
2/7/2024 11:50:00	6.5	6.2	-0.3	0.01	0.01	0.00	1.6	ESE
2/7/2024 11:51:00	6.1	6.5	0.4	0.01	0.01	0.00	1.6	WNW
2/7/2024 11:52:00	5.5	6.8	1.4	0.01	0.01	0.00	1.6	SSE
2/7/2024 11:53:00	5.8	6.2	0.5	0.01	0.01	0.00	1.6	ESE
2/7/2024 11:54:00	5.4	6.5	1.1	0.01	0.01	0.00	1.6	WSW
2/7/2024 11:55:00	5.4	6.8	1.4	0.01	0.01	0.00	1.7	WNW
2/7/2024 11:56:00	5.6	6.5	0.9	0.01	0.01	0.00	1.6	E
2/7/2024 11:57:00	5.9	6.2	0.3	0.01	0.01	0.00	1.7	ENE
2/7/2024 11:58:00	5.9	6.2	0.3	0.01	0.01	0.00	1.7	E
2/7/2024 11:59:00	5.7	6.1	0.4	0.01	0.01	0.00	1.6	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
2/7/2024 12:00:00	5.7	6.0	0.3	0.01	0.01	0.00	1.6	N
2/7/2024 12:01:00	5.9	5.6	-0.3	0.00	0.01	0.00	1.7	ESE
2/7/2024 12:02:00	5.9	5.5	-0.3	0.00	0.01	0.00	1.7	S
2/7/2024 12:03:00	5.9	5.4	-0.5	0.00	0.00	0.00	1.7	SE
2/7/2024 12:04:00	6.1	5.1	-1.1	0.00	0.00	0.00	1.7	SE
2/7/2024 12:05:00	5.8	5.3	-0.5	0.00	0.00	0.00	1.7	S
2/7/2024 12:06:00	5.8	5.3	-0.4	0.00	0.00	0.00	1.7	SW
2/7/2024 12:07:00	6.0	5.0	-1.0	0.00	0.00	0.00	1.7	ENE
2/7/2024 12:08:00	5.7	5.3	-0.4	0.00	0.00	0.00	1.6	SSE
2/7/2024 12:09:00	6.0	5.0	-1.0	0.00	0.00	0.00	1.6	ESE
2/7/2024 12:10:00	5.9	4.6	-1.3	0.00	0.00	0.00	1.6	SE
2/7/2024 12:11:00	5.8	4.4	-1.3	0.00	0.00	0.00	1.5	SE
2/7/2024 12:12:00	5.7	4.3	-1.3	0.00	0.00	0.00	1.5	ENE
2/7/2024 12:13:00	5.6	4.3	-1.3	0.00	0.00	0.00	1.4	ENE
2/7/2024 12:14:00	5.8	3.9	-1.9	0.00	0.00	0.00	1.5	E
2/7/2024 12:15:00	5.8	3.9	-1.9	0.00	0.00	0.00	1.6	ESE
2/7/2024 12:16:00	5.4	4.2	-1.3	0.00	0.00	0.00	1.5	SSE
2/7/2024 12:17:00	5.7	3.8	-1.9	0.00	0.00	0.00	1.5	ESE
2/7/2024 12:18:00	5.6	3.8	-1.9	0.00	0.00	0.00	1.4	ENE
2/7/2024 12:19:00	5.6	3.7	-1.9	0.00	0.00	0.00	1.4	E
2/7/2024 12:20:00	5.9	3.4	-2.5	0.00	0.00	0.00	1.4	ESE
2/7/2024 12:21:00	6.1	3.0	-3.1	0.00	0.00	0.00	1.4	ESE
2/7/2024 12:22:00	6.1	3.0	-3.1	0.00	0.00	0.00	1.4	ENE
2/7/2024 12:23:00	6.4	2.7	-3.6	0.00	0.00	0.00	1.4	ESE
2/7/2024 12:24:00	6.4	2.7	-3.6	0.00	0.00	0.00	1.4	E
2/7/2024 12:25:00	6.4	2.8	-3.6	0.00	0.00	0.00	1.4	SE
2/7/2024 12:26:00	6.4	2.7	-3.6	0.00	0.00	0.00	1.5	E
2/7/2024 12:27:00	6.3	2.7	-3.6	0.00	0.00	0.00	1.5	E
2/7/2024 12:28:00	6.3	2.6	-3.7	0.00	0.00	0.00	1.6	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
2/7/2024 12:29:00	6.4	2.7	-3.7	0.00	0.00	0.00	1.5	SE
2/7/2024 12:30:00	6.2	3.1	-3.0	0.00	0.00	0.00	1.5	WNW
2/7/2024 12:31:00	6.5	2.9	-3.7	0.00	0.00	0.00	1.5	E
2/7/2024 12:32:00	6.5	2.9	-3.6	0.00	0.01	0.01	1.6	E
2/7/2024 12:33:00	6.5	3.0	-3.5	0.00	0.01	0.01	1.7	E
2/7/2024 12:34:00	6.5	3.5	-3.0	0.00	0.01	0.01	1.7	ESE
2/7/2024 12:35:00	6.5	4.0	-2.5	0.00	0.01	0.01	1.7	NE
2/7/2024 12:36:00	6.6	4.3	-2.3	0.00	0.01	0.01	1.7	ESE
2/7/2024 12:37:00	6.8	4.6	-2.2	0.00	0.01	0.01	1.7	ENE
2/7/2024 12:38:00	6.6	4.9	-1.7	0.00	0.01	0.01	1.7	WSW
2/7/2024 12:39:00	6.6	5.2	-1.4	0.00	0.01	0.01	1.7	SE
2/7/2024 12:40:00	6.6	5.3	-1.3	0.00	0.01	0.01	1.7	E
2/7/2024 12:41:00	6.8	5.5	-1.3	0.00	0.01	0.01	1.7	SE
2/7/2024 12:42:00	7.0	5.6	-1.4	0.00	0.01	0.01	1.7	SE
2/7/2024 12:43:00	6.8	6.0	-0.8	0.00	0.01	0.01	1.7	SSE
2/7/2024 12:44:00	6.5	6.2	-0.3	0.00	0.01	0.01	1.7	W
2/7/2024 12:45:00	6.7	5.9	-0.8	0.00	0.01	0.01	1.7	ENE
2/7/2024 12:46:00	6.9	6.9	0.1	0.00	0.01	0.01	1.7	E
2/7/2024 12:47:00	7.1	7.4	0.3	0.00	0.01	0.01	1.7	ESE
2/7/2024 12:48:00	7.1	7.7	0.6	0.00	0.01	0.01	1.6	SSW
2/7/2024 12:49:00	6.8	7.5	0.7	0.00	0.01	0.01	1.6	SSW
2/7/2024 12:50:00	6.9	7.1	0.2	0.00	0.01	0.01	1.7	NE
2/7/2024 12:51:00	7.0	7.0	-0.1	0.00	0.01	0.00	1.7	ESE
2/7/2024 12:52:00	6.9	6.8	0.0	0.00	0.01	0.00	1.7	ESE
2/7/2024 12:53:00	7.1	6.8	-0.3	0.00	0.01	0.00	1.6	S
2/7/2024 12:54:00	7.2	6.6	-0.5	0.00	0.01	0.00	1.7	SE
2/7/2024 12:55:00	7.4	6.6	-0.8	0.00	0.01	0.00	1.7	SE
2/7/2024 12:56:00	7.5	6.6	-0.9	0.00	0.01	0.00	1.6	ESE
2/7/2024 12:57:00	7.4	6.5	-0.8	0.00	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
2/7/2024 12:58:00	7.7	6.5	-1.2	0.00	0.01	0.01	1.7	SE
2/7/2024 12:59:00	8.0	6.9	-1.1	0.00	0.01	0.01	1.6	SE
2/7/2024 13:00:00	8.1	7.0	-1.1	0.00	0.01	0.01	1.6	E
2/7/2024 13:01:00	8.0	6.1	-1.9	0.00	0.01	0.01	1.6	SE
2/7/2024 13:02:00	8.1	6.2	-2.0	0.00	0.01	0.01	1.6	ESE
2/7/2024 13:03:00	8.3	6.2	-2.1	0.00	0.01	0.01	1.6	E
2/7/2024 13:04:00	8.6	6.0	-2.7	0.00	0.01	0.01	1.6	ESE
2/7/2024 13:05:00	9.0	6.9	-2.0	0.00	0.01	0.01	1.6	E
2/7/2024 13:06:00	8.9	7.3	-1.6	0.00	0.01	0.01	1.6	SE
2/7/2024 13:07:00	8.9	7.4	-1.5	0.00	0.01	0.01	1.6	ESE
2/7/2024 13:08:00	9.0	7.2	-1.8	0.00	0.01	0.01	1.6	E
2/7/2024 13:09:00	9.1	7.3	-1.8	0.00	0.02	0.02	1.6	NNE
2/7/2024 13:10:00	9.0	7.5	-1.5	0.00	0.02	0.02	1.6	ESE
2/7/2024 13:11:00	8.9	7.6	-1.3	0.00	0.01	0.01	1.6	NNE
2/7/2024 13:12:00	9.1	8.0	-1.1	0.00	0.01	0.01	1.6	ESE
2/7/2024 13:13:00	9.2	8.3	-1.0	0.00	0.01	0.01	1.6	E
2/7/2024 13:14:00	9.6	8.2	-1.4	0.00	0.01	0.01	1.7	SSE
2/7/2024 13:15:00	10.0	8.5	-1.5	0.00	0.01	0.01	1.7	E
2/7/2024 13:16:00	9.9	8.4	-1.5	0.00	0.01	0.01	1.8	E
2/7/2024 13:17:00	9.6	8.2	-1.4	0.00	0.02	0.01	1.8	ESE
2/7/2024 13:18:00	9.6	8.4	-1.2	0.00	0.01	0.01	1.7	ESE
2/7/2024 13:19:00	9.7	8.3	-1.4	0.00	0.01	0.01	1.7	ENE
2/7/2024 13:20:00	9.2	7.6	-1.7	0.00	0.01	0.01	1.7	SW
2/7/2024 13:21:00	9.1	7.1	-2.0	0.00	0.01	0.01	1.8	E
2/7/2024 13:22:00	9.1	7.1	-1.9	0.00	0.01	0.01	1.7	ESE
2/7/2024 13:23:00	9.0	7.1	-1.9	0.00	0.01	0.01	1.7	ESE
2/7/2024 13:24:00	8.7	7.2	-1.5	0.00	0.01	0.01	1.8	W
2/7/2024 13:25:00	8.3	7.3	-1.1	0.00	0.01	0.01	1.9	WNW
2/7/2024 13:26:00	9.0	7.2	-1.8	0.00	0.01	0.01	1.9	SE



Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/7/2024 13:27:00	8.6	8.4	-0.2	0.00	0.01	0.01	1.9	SW
2/7/2024 13:28:00	9.6	8.0	-1.6	0.00	0.01	0.01	1.9	ESE
2/7/2024 13:29:00	9.3	7.6	-1.7	0.00	0.01	0.01	1.9	ESE
2/7/2024 13:30:00	8.6	7.5	-1.1	0.00	0.01	0.01	1.9	SSE
2/7/2024 13:31:00	8.7	7.5	-1.2	0.00	0.01	0.01	1.8	NE
2/7/2024 13:32:00	8.4	7.4	-1.0	0.00	0.01	0.01	1.8	WNW
2/7/2024 13:33:00	8.3	7.1	-1.2	0.00	0.01	0.01	1.8	E
2/7/2024 13:34:00	8.0	7.3	-0.6	0.00	0.01	0.01	1.8	SSE
2/7/2024 13:35:00	8.1	7.1	-1.0	0.00	0.01	0.01	1.7	E
2/7/2024 13:36:00	7.9	7.4	-0.5	0.00	0.01	0.00	1.7	SSE
2/7/2024 13:37:00	7.9	7.3	-0.7	0.00	0.01	0.00	1.8	NNE
2/7/2024 13:38:00	7.9	7.8	-0.1	0.00	0.01	0.00	1.8	E
2/7/2024 13:39:00	8.1	7.7	-0.4	0.00	0.01	0.00	1.8	ESE
2/7/2024 13:40:00	8.3	7.4	-0.9	0.00	0.01	0.00	1.8	E
2/7/2024 13:41:00	7.4	7.4	0.0	0.00	0.01	0.00	1.8	NE
2/7/2024 13:42:00	7.5	5.8	-1.7	0.00	0.01	0.00	1.8	NE
2/7/2024 13:43:00	6.1	5.8	-0.3	0.00	0.01	0.00	1.8	SSW
2/7/2024 13:44:00	6.0	5.7	-0.2	0.00	0.01	0.00	1.7	ESE
2/7/2024 13:45:00	6.0	5.6	-0.3	0.00	0.01	0.00	1.6	SW
2/7/2024 13:46:00	5.7	5.8	0.1	0.00	0.01	0.00	1.6	SSE
2/7/2024 13:47:00	5.9	5.7	-0.3	0.01	0.01	0.00	1.6	SSW
2/7/2024 13:48:00	5.9	5.8	-0.1	0.01	0.00	0.00	1.6	SSE
2/7/2024 13:49:00	6.0	5.7	-0.3	0.00	0.00	0.00	1.6	WSW
2/7/2024 13:50:00	5.9	5.7	-0.2	0.00	0.00	0.00	1.7	ESE
2/7/2024 13:51:00	5.7	5.6	-0.1	0.01	0.01	0.00	1.6	SE
2/7/2024 13:52:00	5.4	5.7	0.3	0.01	0.01	0.00	1.6	S
2/7/2024 13:53:00	5.4	5.2	-0.2	0.01	0.01	0.00	1.6	E
2/7/2024 13:54:00	5.6	5.1	-0.5	0.01	0.01	0.00	1.5	ENE
2/7/2024 13:55:00	5.7	5.3	-0.4	0.01	0.01	0.00	1.5	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/7/2024 13:56:00	5.6	5.3	-0.4	0.01	0.01	0.00	1.5	SW
2/7/2024 13:57:00	5.6	5.3	-0.3	0.01	0.01	0.00	1.5	ENE
2/7/2024 13:58:00	5.7	5.1	-0.6	0.01	0.01	0.00	1.6	ENE
2/7/2024 13:59:00	5.5	5.2	-0.3	0.01	0.01	0.00	1.6	SSW
2/7/2024 14:00:00	5.4	5.2	-0.2	0.01	0.01	0.00	1.7	NW
2/7/2024 14:01:00	5.3	5.2	-0.1	0.01	0.01	0.00	1.7	S
2/7/2024 14:02:00	5.2	5.1	-0.1	0.01	0.01	0.00	1.8	SE
2/7/2024 14:03:00	5.5	5.1	-0.4	0.01	0.01	0.00	1.8	S
2/7/2024 14:04:00	5.5	5.3	-0.2	0.01	0.01	0.00	1.8	E
2/7/2024 14:05:00	5.7	5.9	0.2	0.01	0.01	0.00	1.7	E
2/7/2024 14:06:00	6.8	5.8	-1.1	0.01	0.01	0.00	1.7	SSE
2/7/2024 14:07:00	8.5	6.1	-2.4	0.01	0.00	0.00	1.8	SSW
2/7/2024 14:08:00	10.2	6.9	-3.3	0.01	0.00	0.00	1.7	SSE
2/7/2024 14:09:00	10.4	7.6	-2.8	0.01	0.00	0.00	1.6	ESE
2/7/2024 14:10:00	10.5	7.8	-2.7	0.01	0.00	0.00	1.6	ENE
2/7/2024 14:11:00	10.8	8.0	-2.8	0.00	0.00	0.00	1.7	E
2/7/2024 14:12:00	11.0	8.1	-3.0	0.00	0.00	0.00	1.7	ENE
2/7/2024 14:13:00	11.1	8.2	-2.9	0.00	0.00	0.00	1.6	ESE
2/7/2024 14:14:00	11.4	8.3	-3.1	0.00	0.00	0.00	1.7	ESE
2/7/2024 14:15:00	11.6	8.4	-3.2	0.00	0.00	0.00	1.6	ESE
2/7/2024 14:16:00	11.9	9.1	-2.8	0.00	0.00	0.00	1.6	ESE
2/7/2024 14:17:00	12.2	9.5	-2.7	0.00	0.00	0.00	1.6	ESE
2/7/2024 14:18:00	12.2	10.3	-1.9	0.00	0.01	0.00	1.6	ESE
2/7/2024 14:19:00	12.3	10.4	-1.9	0.00	0.01	0.00	1.6	ESE
2/7/2024 14:20:00	12.2	10.3	-2.0	0.00	0.01	0.00	1.6	ESE
2/7/2024 14:21:00	11.5	10.3	-1.3	0.00	0.01	0.01	1.6	ESE
2/7/2024 14:22:00	10.2	10.1	-0.1	0.00	0.01	0.01	1.7	E
2/7/2024 14:23:00	8.7	10.2	1.5	0.00	0.01	0.01	1.7	SE
2/7/2024 14:24:00	9.5	9.8	0.3	0.00	0.01	0.01	1.7	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
2/7/2024 14:25:00	10.5	9.9	-0.6	0.00	0.01	0.01	1.7	SSW
2/7/2024 14:26:00	10.5	9.8	-0.7	0.00	0.01	0.01	1.7	ESE
2/7/2024 14:27:00	10.3	9.7	-0.6	0.00	0.01	0.00	1.7	ESE
2/7/2024 14:28:00	10.3	9.7	-0.6	0.00	0.01	0.00	1.6	SE
2/7/2024 14:29:00	10.2	10.0	-0.2	0.00	0.01	0.01	1.5	N
2/7/2024 14:30:00	10.2	10.3	0.2	0.00	0.01	0.01	1.5	NNE
2/7/2024 14:31:00	10.0	10.2	0.1	0.00	0.01	0.01	1.5	E
2/7/2024 14:32:00	9.8	10.1	0.2	0.00	0.01	0.01	1.5	ESE
2/7/2024 14:33:00	9.7	9.6	-0.1	0.00	0.01	0.01	1.6	E
2/7/2024 14:34:00	9.6	10.2	0.6	0.00	0.01	0.01	1.5	E
2/7/2024 14:35:00	9.7	12.0	2.3	0.00	0.01	0.01	1.5	NE
2/7/2024 14:36:00	9.5	13.7	4.2	0.00	0.01	0.01	1.4	NE
2/7/2024 14:37:00	9.4	14.1	4.7	0.00	0.01	0.01	1.4	ENE
2/7/2024 14:38:00	9.1	14.3	5.2	0.00	0.01	0.01	1.4	ENE
2/7/2024 14:39:00	7.8	14.7	6.8	0.00	0.01	0.01	1.4	E
2/7/2024 14:40:00	6.8	15.7	9.0	0.00	0.01	0.01	1.4	ENE
2/7/2024 14:41:00	6.7	18.2	11.5	0.00	0.01	0.01	1.4	E
2/7/2024 14:42:00	7.0	20.1	13.1	0.00	0.01	0.01	1.3	ESE
2/7/2024 14:43:00	7.6	21.5	13.9	0.00	0.01	0.01	1.4	ESE
2/7/2024 14:44:00	8.6	21.5	12.9	0.00	0.01	0.01	1.4	SSE
2/7/2024 14:45:00	8.9	22.0	13.1	0.00	0.01	0.01	1.3	ESE
2/7/2024 14:46:00	9.1	21.5	12.4	0.00	0.01	0.01	1.3	ESE
2/7/2024 14:47:00	9.1	21.7	12.7	0.00	0.01	0.01	1.4	ESE
2/7/2024 14:48:00	9.0	21.2	12.2	0.00	0.01	0.01	1.5	E
2/7/2024 14:49:00	8.8	20.1	11.2	0.00	0.01	0.01	1.5	E
2/7/2024 14:50:00	8.5	18.0	9.4	0.00	0.01	0.01	1.5	W
2/7/2024 14:51:00	8.7	16.2	7.5	0.00	0.01	0.01	1.5	S
2/7/2024 14:52:00	8.6	15.7	7.0	0.00	0.01	0.01	1.5	E
2/7/2024 14:53:00	9.1	14.8	5.8	0.00	0.01	0.00	1.4	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
2/7/2024 14:54:00	9.0	14.8	5.8	0.00	0.01	0.01	1.4	N
2/7/2024 14:55:00	8.8	13.8	5.0	0.00	0.01	0.01	1.4	E
2/7/2024 14:56:00	8.7	12.7	4.0	0.00	0.01	0.01	1.3	ESE
2/7/2024 14:57:00	10.4	11.0	0.6	0.00	0.01	0.00	1.3	SW
2/7/2024 14:58:00	12.7	9.7	-2.9	0.01	0.01	0.00	1.3	WSW
2/7/2024 14:59:00	11.6	10.6	-1.0	0.01	0.01	0.00	1.3	E
2/7/2024 15:00:00	11.4	11.0	-0.4	0.01	0.01	0.01	1.3	ENE
2/7/2024 15:01:00				0.01	0.01	0.01	1.3	ENE
2/7/2024 15:02:00				0.01	0.01	0.01	1.2	ENE
2/7/2024 15:03:00				0.01	0.01	0.01	1.1	ENE
2/7/2024 15:04:00				0.01	0.01	0.01	1.2	ENE
2/7/2024 15:05:00	8.9	22.9	14.0	0.01	0.01	0.01	1.2	E
2/7/2024 15:06:00	7.1	18.0	10.9	0.01	0.01	0.01	1.2	ESE
2/7/2024 15:07:00	5.9	15.3	9.3	0.01	0.02	0.01	1.2	SE
2/7/2024 15:08:00	5.6	15.9	10.3	0.00	0.02	0.01	1.2	ESE
2/7/2024 15:09:00	6.9	13.4	6.5	0.01	0.02	0.01	1.2	S
2/7/2024 15:10:00	7.1	11.9	4.8	0.01	0.01	0.01	1.2	SSW
2/7/2024 15:11:00	6.5	14.6	8.1	0.01	0.01	0.01	1.3	ENE
2/7/2024 15:12:00	5.9	14.6	8.7	0.00	0.02	0.01	1.3	NE
2/7/2024 15:13:00	5.3	13.4	8.1	0.00	0.02	0.02	1.3	ENE