

**DAILY FIELD REPORT 116**

Prepared By: LANGAN

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

<b>BCP Project No:</b>	C231153	<b>Date:</b>	November 10, 2023
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<b>Project Name:</b>	Kasser Scrap Metal and Rector Cleaners Site	<b>Time:</b>	7:00 am to 4:30 pm
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<b>Consultant:</b> Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	<b>Langan Field Personnel:</b> Caitlyn Dempsey (Environmental) Xianglei Zheng (Geotechnical)
<b>Construction Manager:</b> Consigli Construction Co., Inc. (Consigli)	
<b>Foundation Contractor:</b> Urban Foundation/Engineering (Urban)	

**Work Activities Performed:**

- Urban excavated an about 30-foot-long by 5-foot-wide area from about 9 feet below grade surface (bgs) to about 12 feet bgs in the southern part of grids WC03\_5-10 and WC03\_10-15 to prepare for lagging installation. Excavated soil/fill was stockpiled in the central part of grids WC02 and WC03, pending off-site disposal.
- Urban excavated an about 5-foot-long by 15-foot-wide area to about 5 feet bgs in the northern part of grid WC04\_0-5 for equipment mobilization. Excavated soil/fill was graded adjacent to the excavation areas.
- Urban graded and consolidated stockpiled soil/fill across an about 30-foot-long by 20-foot-wide area in the eastern part of grid WC02 to prepare for equipment mobilization.
- 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 two casings for two caissons in the southern part of the site.
- Urban installed one rock socket for one caisson in the southern part of the site.

**Material Tracking:**

- The following soil/fill was exported from the site:
  - 6 loads of soil/fill from waste characterization grids WC02\_0-5, WC02\_5-10, WC03\_5-10, WC03\_10-15 and/or 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	Bayshore Soil Management, LLC		Clean Earth of Carteret, LLC		PPark NJ		Faztec Solutions	
Location	Keasbey, NJ		Carteret, NJ		Prospect Park, NJ		Staten Island, NY	
Type of Waste	Non-hazardous Soil		Non-hazardous Soil		Non-hazardous Soil		C&D	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
		0	-	6	120	0	-	0
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	129	2,580	102	2,040	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

**Samples Collected:**

- No samples were collected.

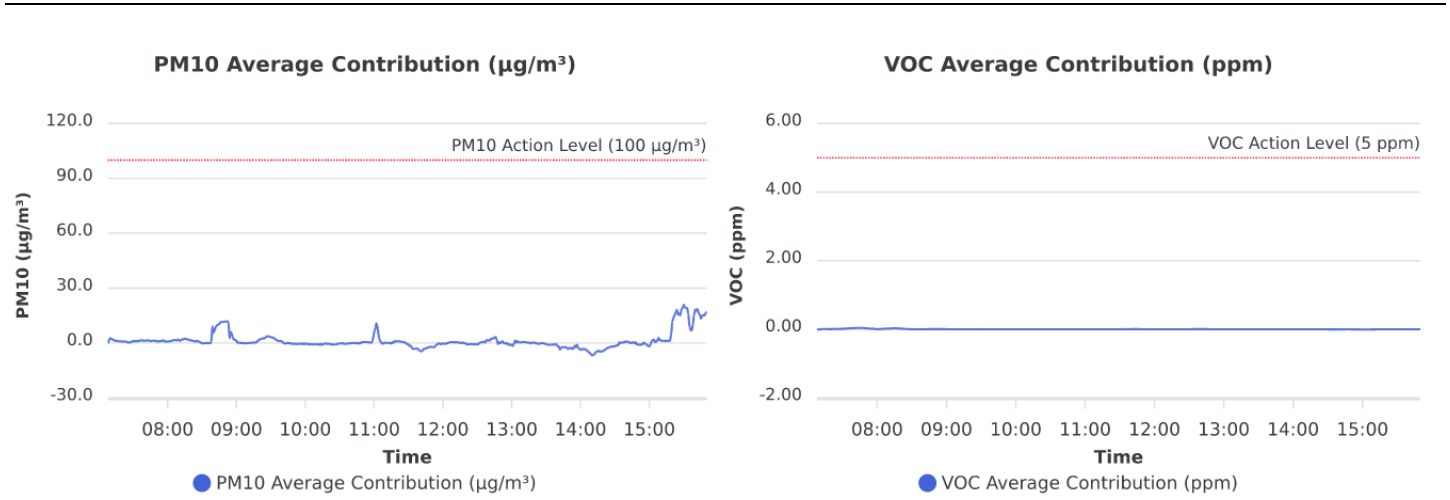
**Air Monitoring:**

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 µg/m<sup>3</sup> for particulates and 5 ppm for organic vapors. No particulates (PM10) or organic vapors exceeded the 15-minute average site contribution action levels of 100 µg/m<sup>3</sup> or 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m <sup>3</sup> )		Organic Vapor Monitoring (ppm)	
Daily Background	2.9	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-6.8	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	20.9	VOC Average Site Contribution (Maximum)	0.04

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

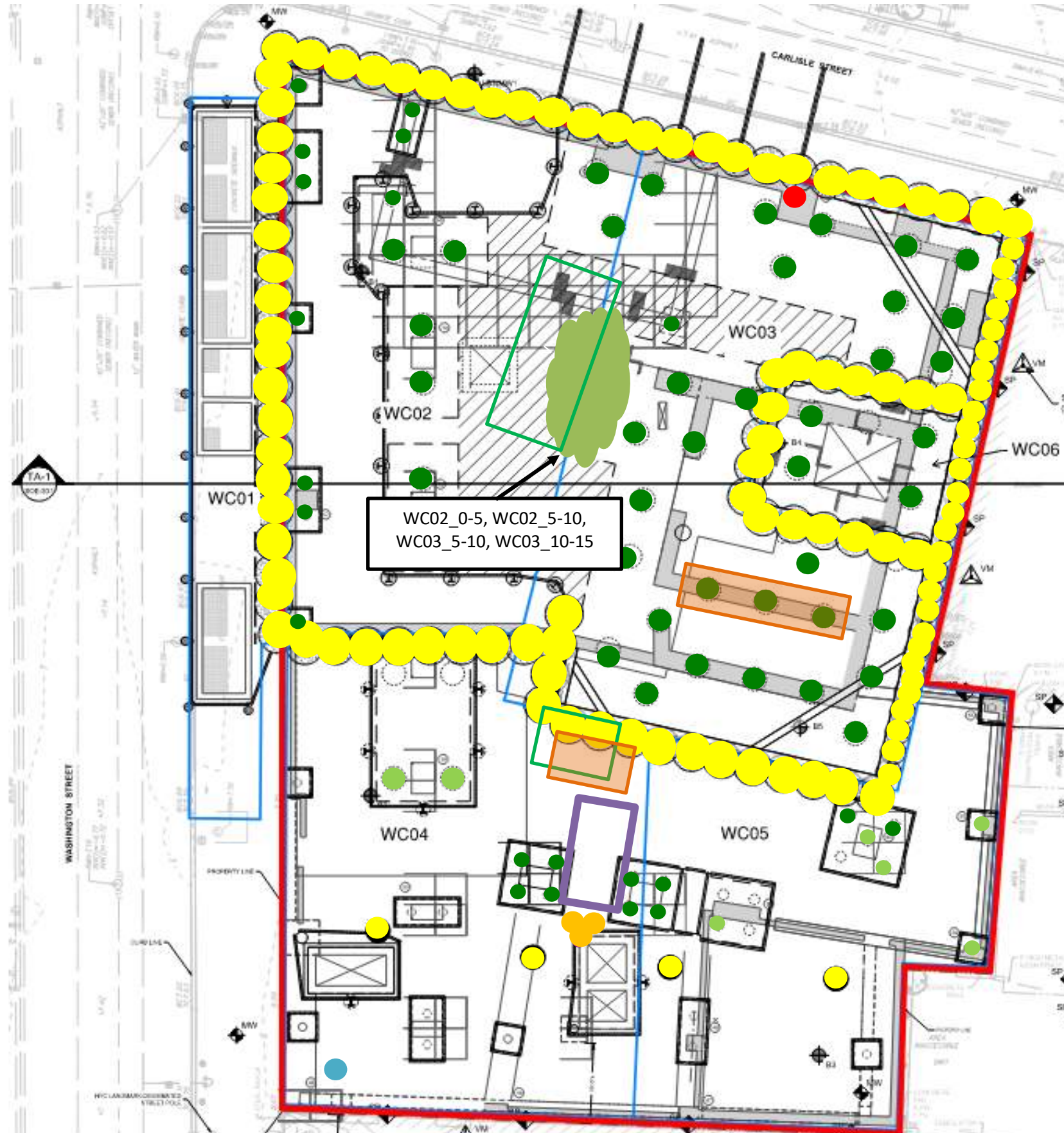
ppm: parts per million.



**Planned Activities:**

- Urban will continue installing caisson casings throughout the site.
- Urban will export soil/fill off-site.

**SITE PLAN**



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

### Photo Log

**Photo 1:** View of Urban loading a tri-axial truck with soil/fill for off-site disposal (facing east).



**Photo 2:** View of Urban consolidating stockpiled soil/fill in WC02 (facing southwest).



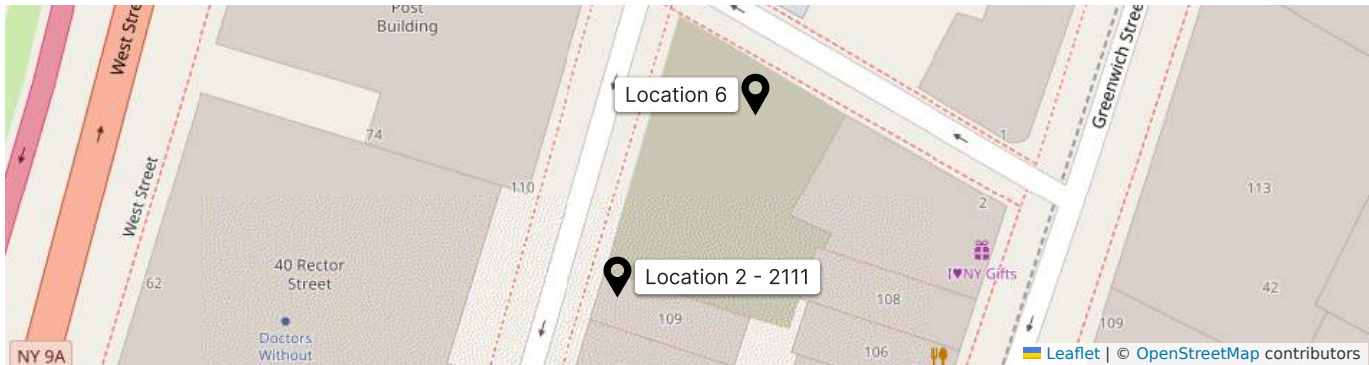
**Photo 3:** View of the site entrance/exit at the corner of Carlisle and Washington Street at the end of the work day (facing southeast).



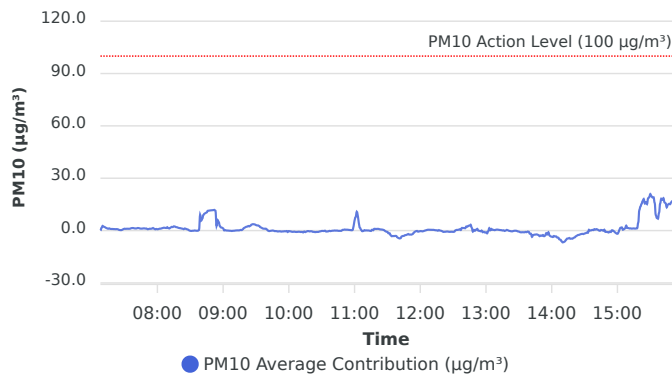
<b>LANGAN</b>	<b>Air Monitoring Report</b>	<b>170695201 - 111 Washington St</b>	
		<b>Report Period</b>	
		<b>From:</b>	11/10/2023 06:00
		<b>To:</b>	11/10/2023 18:00
		<b>PM10 Action Level:</b>	100.0 $\mu\text{g}/\text{m}^3$
<b>VOC Action Level:</b>	5.00 ppm		

<b>Daily Environmental Summary</b>	<b>Windspeed (mph)</b>	<b>Prevailing wind direction</b>
11/10/2023	0.4-1.9	E

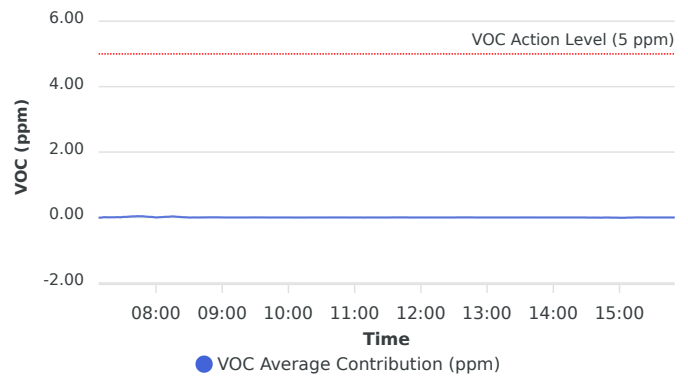
<b>Daily Monitoring Summary</b>	<b>PM10 (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Time</b>	<b>VOC (ppm)</b>	<b>Time</b>
<b>Min Contribution (15 min avg.) - 11/10/2023</b>	-6.8	14:10	-0.01	15:01
<b>Max Contribution (15 min avg.) - 11/10/2023</b>	20.9	15:30	0.04	07:43



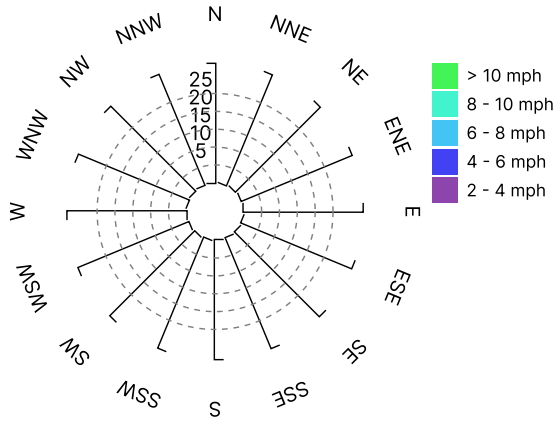
**PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )**



**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
11/10/2023 07:08:00	2.9	2.9	0.0	0.00	0.00	0.00	0.6	WNW
11/10/2023 07:09:00	3.1	4.7	1.6	0.01	0.00	-0.01	0.5	W
11/10/2023 07:10:00	3.6	6.2	2.7	0.01	0.00	-0.01	0.5	WNW
11/10/2023 07:11:00	3.7	5.9	2.2	0.01	0.01	0.00	0.6	ENE
11/10/2023 07:12:00	3.5	5.5	2.0	0.00	0.01	0.01	0.6	ESE
11/10/2023 07:13:00	3.5	5.1	1.6	0.00	0.01	0.01	0.6	ESE
11/10/2023 07:14:00	3.5	4.8	1.3	0.00	0.01	0.01	0.6	SE
11/10/2023 07:15:00	3.6	4.6	1.1	0.00	0.01	0.01	0.6	WSW
11/10/2023 07:16:00	3.5	4.8	1.3	0.00	0.01	0.01	0.6	E
11/10/2023 07:17:00	3.6	4.6	1.0	0.00	0.01	0.01	0.6	WSW
11/10/2023 07:18:00	3.5	4.4	0.9	0.00	0.01	0.01	0.6	ENE
11/10/2023 07:19:00	3.5	4.4	0.9	0.00	0.01	0.01	0.6	NE
11/10/2023 07:20:00	3.4	4.3	0.9	0.00	0.01	0.01	0.6	ENE
11/10/2023 07:21:00	3.4	4.2	0.8	0.00	0.01	0.01	0.7	N
11/10/2023 07:22:00	3.4	4.1	0.8	0.00	0.01	0.01	0.7	NNE
11/10/2023 07:23:00	3.4	4.2	0.8	0.00	0.01	0.01	0.7	E
11/10/2023 07:24:00	3.3	4.0	0.7	0.00	0.01	0.01	0.8	ESE
11/10/2023 07:25:00	3.2	3.6	0.4	0.00	0.01	0.01	0.8	NNE
11/10/2023 07:26:00	3.2	3.5	0.3	0.00	0.01	0.01	0.8	E
11/10/2023 07:27:00	3.2	3.4	0.3	0.00	0.01	0.01	0.8	WSW
11/10/2023 07:28:00	3.1	3.6	0.5	0.00	0.01	0.01	0.8	ENE
11/10/2023 07:29:00	3.1	4.0	0.9	0.00	0.01	0.01	0.8	N
11/10/2023 07:30:00	3.0	4.1	1.1	0.00	0.02	0.02	0.8	ESE
11/10/2023 07:31:00	3.0	4.0	1.0	0.00	0.02	0.02	0.8	ENE
11/10/2023 07:32:00	3.0	4.0	1.1	0.01	0.02	0.02	0.8	NW
11/10/2023 07:33:00	3.0	4.0	1.1	0.01	0.03	0.02	0.8	E
11/10/2023 07:34:00	3.0	4.0	1.0	0.01	0.03	0.02	0.8	ENE
11/10/2023 07:35:00	3.0	4.1	1.1	0.01	0.03	0.03	0.8	E
11/10/2023 07:36:00	3.0	4.4	1.3	0.01	0.04	0.03	0.8	ENE
11/10/2023 07:37:00	3.0	4.5	1.5	0.01	0.04	0.03	0.8	NE
11/10/2023 07:38:00	3.1	4.5	1.4	0.01	0.04	0.03	0.8	E
11/10/2023 07:39:00	3.2	4.5	1.3	0.01	0.04	0.04	0.8	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
11/10/2023 07:40:00	3.3	4.5	1.2	0.01	0.05	0.04	0.8	NNE
11/10/2023 07:41:00	3.3	4.6	1.2	0.01	0.05	0.03	0.8	SSW
11/10/2023 07:42:00	3.3	4.8	1.5	0.01	0.05	0.04	0.8	SE
11/10/2023 07:43:00	3.3	4.8	1.4	0.01	0.05	0.04	0.8	E
11/10/2023 07:44:00	3.3	4.5	1.2	0.01	0.05	0.04	0.8	E
11/10/2023 07:45:00	3.4	4.5	1.1	0.01	0.05	0.04	0.8	SE
11/10/2023 07:46:00	3.4	4.5	1.1	0.01	0.05	0.04	0.8	ESE
11/10/2023 07:47:00	3.4	4.6	1.2	0.01	0.05	0.04	0.8	WNW
11/10/2023 07:48:00	3.4	4.6	1.3	0.01	0.05	0.04	0.8	E
11/10/2023 07:49:00	3.5	4.6	1.1	0.01	0.05	0.03	0.8	W
11/10/2023 07:50:00	3.5	4.6	1.2	0.01	0.04	0.03	0.8	ENE
11/10/2023 07:51:00	3.5	4.3	0.8	0.01	0.04	0.03	0.8	NW
11/10/2023 07:52:00	3.5	4.4	0.9	0.01	0.04	0.03	0.8	NW
11/10/2023 07:53:00	3.5	4.5	1.1	0.01	0.04	0.02	0.8	NNE
11/10/2023 07:54:00	3.5	4.5	1.0	0.01	0.03	0.02	0.8	SSE
11/10/2023 07:55:00	3.4	4.6	1.2	0.01	0.03	0.02	0.8	NNW
11/10/2023 07:56:00	3.3	4.8	1.5	0.01	0.03	0.02	0.8	E
11/10/2023 07:57:00	3.4	4.5	1.1	0.01	0.03	0.01	0.8	WSW
11/10/2023 07:58:00	3.6	4.3	0.7	0.01	0.02	0.01	0.8	WSW
11/10/2023 07:59:00	3.5	4.5	0.9	0.01	0.02	0.01	0.8	NE
11/10/2023 08:00:00	3.6	4.3	0.8	0.01	0.01	0.00	0.8	WNW
11/10/2023 08:01:00	3.5	4.4	0.9	0.01	0.01	0.00	0.8	ENE
11/10/2023 08:02:00	3.5	4.6	1.1	0.01	0.01	0.01	0.8	ENE
11/10/2023 08:03:00	3.5	4.6	1.1	0.01	0.01	0.01	0.7	E
11/10/2023 08:04:00	3.4	4.7	1.3	0.01	0.02	0.01	0.7	E
11/10/2023 08:05:00	3.4	4.8	1.5	0.01	0.02	0.01	0.7	E
11/10/2023 08:06:00	3.3	4.9	1.7	0.01	0.02	0.01	0.8	E
11/10/2023 08:07:00	3.3	4.8	1.6	0.01	0.02	0.02	0.8	NNW
11/10/2023 08:08:00	3.2	4.7	1.5	0.01	0.02	0.02	0.8	E
11/10/2023 08:09:00	3.1	5.0	1.9	0.00	0.03	0.02	0.8	ESE
11/10/2023 08:10:00	3.5	4.9	1.4	0.01	0.03	0.02	0.8	WNW
11/10/2023 08:11:00	3.5	4.7	1.2	0.01	0.03	0.02	0.8	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
11/10/2023 08:12:00	3.4	5.1	1.7	0.01	0.03	0.03	0.8	ENE
11/10/2023 08:13:00	3.2	5.3	2.1	0.00	0.03	0.03	0.8	ESE
11/10/2023 08:14:00	3.2	5.2	2.0	0.00	0.03	0.03	0.8	N
11/10/2023 08:15:00	3.1	5.5	2.4	0.00	0.04	0.03	0.8	E
11/10/2023 08:16:00	3.1	5.4	2.3	0.00	0.04	0.03	0.8	E
11/10/2023 08:17:00	3.1	5.1	2.0	0.01	0.03	0.03	0.8	W
11/10/2023 08:18:00	3.1	5.0	1.9	0.01	0.03	0.03	0.8	WSW
11/10/2023 08:19:00	3.3	4.9	1.6	0.01	0.03	0.02	0.8	W
11/10/2023 08:20:00	3.3	4.7	1.4	0.01	0.03	0.02	0.8	ENE
11/10/2023 08:21:00	3.3	4.6	1.4	0.01	0.03	0.02	0.8	NE
11/10/2023 08:22:00	3.4	4.6	1.2	0.01	0.02	0.02	0.8	W
11/10/2023 08:23:00	3.4	4.5	1.1	0.01	0.02	0.01	0.7	NNE
11/10/2023 08:24:00	3.4	4.3	0.8	0.01	0.02	0.01	0.7	E
11/10/2023 08:25:00	3.0	4.3	1.2	0.01	0.02	0.01	0.7	WSW
11/10/2023 08:26:00	3.1	4.1	1.0	0.01	0.01	0.01	0.7	WSW
11/10/2023 08:27:00	3.1	3.8	0.8	0.01	0.01	0.01	0.7	E
11/10/2023 08:28:00	3.1	3.7	0.6	0.01	0.01	0.01	0.7	NE
11/10/2023 08:29:00	3.4	3.5	0.1	0.01	0.01	0.00	0.7	W
11/10/2023 08:30:00	3.4	3.3	-0.1	0.01	0.01	0.00	0.7	NNW
11/10/2023 08:31:00	3.5	3.2	-0.2	0.01	0.01	0.00	0.6	ENE
11/10/2023 08:32:00	3.4	3.3	-0.1	0.01	0.01	0.00	0.7	ENE
11/10/2023 08:33:00	3.4	3.3	-0.1	0.01	0.01	0.00	0.7	ENE
11/10/2023 08:34:00	3.3	3.3	0.1	0.00	0.01	0.00	0.6	ENE
11/10/2023 08:35:00	3.3	3.3	-0.1	0.00	0.01	0.00	0.7	ESE
11/10/2023 08:36:00	3.3	3.2	-0.1	0.00	0.00	0.00	0.6	NE
11/10/2023 08:37:00	3.2	3.1	-0.1	0.00	0.00	0.00	0.6	E
11/10/2023 08:38:00	3.2	3.6	0.4	0.00	0.00	0.00	0.6	N
11/10/2023 08:39:00	3.2	12.3	9.1	0.00	0.00	0.00	0.6	ENE
11/10/2023 08:40:00	6.6	12.3	5.7	0.00	0.00	0.00	0.6	NW
11/10/2023 08:41:00	6.5	13.4	6.8	0.00	0.00	0.00	0.6	NW
11/10/2023 08:42:00	6.5	15.5	9.0	0.00	0.00	0.00	0.6	ENE
11/10/2023 08:43:00	6.5	16.2	9.7	0.00	0.00	0.00	0.6	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
11/10/2023 08:44:00	6.3	16.4	10.1	0.00	0.00	0.00	0.6	ENE
11/10/2023 08:45:00	6.3	16.7	10.4	0.00	0.00	0.00	0.6	E
11/10/2023 08:46:00	6.3	17.7	11.3	0.00	0.00	0.00	0.7	ENE
11/10/2023 08:47:00	6.4	17.8	11.4	0.00	0.00	0.00	0.7	ENE
11/10/2023 08:48:00	6.3	17.9	11.5	0.00	0.01	0.01	0.7	NE
11/10/2023 08:49:00	6.3	18.0	11.6	0.00	0.01	0.01	0.8	E
11/10/2023 08:50:00	6.4	18.1	11.7	0.00	0.01	0.01	0.7	N
11/10/2023 08:51:00	6.4	18.1	11.7	0.00	0.01	0.01	0.8	E
11/10/2023 08:52:00	6.4	18.3	11.9	0.00	0.01	0.01	0.8	NE
11/10/2023 08:53:00	6.5	17.8	11.4	0.00	0.01	0.01	0.8	N
11/10/2023 08:54:00	6.5	9.1	2.6	0.00	0.01	0.01	0.8	W
11/10/2023 08:55:00	3.1	9.1	6.0	0.00	0.01	0.01	0.8	SSE
11/10/2023 08:56:00	3.2	8.1	4.9	0.00	0.01	0.01	0.8	SW
11/10/2023 08:57:00	3.3	5.9	2.6	0.00	0.01	0.01	0.8	SW
11/10/2023 08:58:00	3.3	5.1	1.8	0.00	0.00	0.00	0.8	WNW
11/10/2023 08:59:00	3.2	4.9	1.7	0.00	0.00	0.00	0.7	ENE
11/10/2023 09:00:00	3.2	4.4	1.3	0.00	0.00	0.00	0.8	WNW
11/10/2023 09:01:00	3.3	3.4	0.1	0.00	0.00	0.00	0.7	WSW
11/10/2023 09:02:00	3.3	3.5	0.3	0.00	0.00	0.00	0.7	E
11/10/2023 09:03:00	3.3	3.3	0.0	0.00	0.00	0.00	0.7	SSW
11/10/2023 09:04:00	3.2	3.3	0.0	0.00	0.00	0.00	0.7	E
11/10/2023 09:05:00	3.2	3.1	0.0	0.00	0.00	0.00	0.7	ENE
11/10/2023 09:06:00	3.1	3.0	-0.1	0.00	0.00	0.00	0.7	E
11/10/2023 09:07:00	3.0	2.9	-0.1	0.00	0.00	0.00	0.7	W
11/10/2023 09:08:00	3.1	2.8	-0.2	0.00	0.00	0.00	0.7	E
11/10/2023 09:09:00	3.0	2.9	-0.1	0.00	0.00	0.00	0.7	WNW
11/10/2023 09:10:00	2.9	2.8	-0.1	0.00	0.00	0.00	0.7	E
11/10/2023 09:11:00	2.9	2.9	0.0	0.00	0.00	0.00	0.8	ESE
11/10/2023 09:12:00	2.8	2.9	0.1	0.00	0.00	0.00	0.8	SSW
11/10/2023 09:13:00	2.8	2.9	0.1	0.00	0.00	0.00	0.8	E
11/10/2023 09:14:00	2.8	2.9	0.1	0.00	0.00	0.00	0.8	NE
11/10/2023 09:15:00	2.8	3.0	0.1	0.00	0.00	0.00	0.8	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
11/10/2023 09:16:00	2.6	3.0	0.4	0.00	0.00	0.00	0.8	ENE
11/10/2023 09:17:00	2.7	3.0	0.3	0.00	0.00	0.00	0.8	E
11/10/2023 09:18:00	2.6	3.4	0.8	0.00	0.00	0.00	0.8	NNE
11/10/2023 09:19:00	2.7	4.2	1.4	0.00	0.00	0.00	0.8	E
11/10/2023 09:20:00	2.7	4.5	1.8	0.00	0.00	0.00	0.9	E
11/10/2023 09:21:00	2.7	4.9	2.1	0.00	0.00	0.00	0.9	E
11/10/2023 09:22:00	3.0	5.3	2.3	0.00	0.00	0.00	0.9	E
11/10/2023 09:23:00	3.0	5.6	2.6	0.00	0.00	0.00	0.9	E
11/10/2023 09:24:00	3.2	5.6	2.4	0.00	0.00	0.00	0.9	SSE
11/10/2023 09:25:00	3.2	6.0	2.9	0.00	0.00	0.00	0.9	E
11/10/2023 09:26:00	3.1	6.5	3.4	0.00	0.00	0.00	0.9	E
11/10/2023 09:27:00	3.0	6.7	3.7	0.00	0.00	0.00	0.9	E
11/10/2023 09:28:00	3.0	6.6	3.6	0.00	0.00	0.00	0.9	WNW
11/10/2023 09:29:00	3.0	6.5	3.5	0.00	0.00	0.00	0.9	W
11/10/2023 09:30:00	3.3	6.5	3.1	0.00	0.00	0.00	0.9	WNW
11/10/2023 09:31:00	3.5	6.4	3.0	0.00	0.00	0.00	0.9	WNW
11/10/2023 09:32:00	3.4	6.4	2.9	0.00	0.00	0.00	0.9	E
11/10/2023 09:33:00	3.4	5.9	2.6	0.00	0.00	0.00	0.9	E
11/10/2023 09:34:00	3.3	5.2	1.9	0.00	0.00	0.00	0.9	WNW
11/10/2023 09:35:00	3.2	4.8	1.7	0.00	0.00	0.00	0.8	WSW
11/10/2023 09:36:00	3.2	4.4	1.2	0.00	0.00	0.00	0.8	ESE
11/10/2023 09:37:00	3.0	4.0	1.1	0.00	0.00	0.00	0.8	E
11/10/2023 09:38:00	2.9	3.9	1.1	0.00	0.00	0.00	0.8	ENE
11/10/2023 09:39:00	2.8	3.9	1.1	0.00	0.00	0.00	0.8	NE
11/10/2023 09:40:00	2.8	3.4	0.6	0.00	0.00	0.00	0.8	ENE
11/10/2023 09:41:00	2.9	2.9	0.0	0.00	0.00	0.00	0.9	ESE
11/10/2023 09:42:00	3.0	2.7	-0.3	0.00	0.00	0.00	0.8	N
11/10/2023 09:43:00	3.0	2.9	-0.2	0.00	0.00	0.00	0.8	E
11/10/2023 09:44:00	3.1	3.0	-0.1	0.00	0.00	0.00	0.8	ESE
11/10/2023 09:45:00	2.9	3.0	0.0	0.00	0.00	0.00	0.8	ENE
11/10/2023 09:46:00	3.0	2.9	0.0	0.00	0.00	0.00	0.8	ESE
11/10/2023 09:47:00	3.1	2.8	-0.3	0.00	0.00	0.00	0.8	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
11/10/2023 09:48:00	3.2	2.9	-0.3	0.00	0.00	0.00	0.8	W
11/10/2023 09:49:00	3.3	2.9	-0.4	0.00	0.00	0.00	0.8	ENE
11/10/2023 09:50:00	3.5	3.0	-0.5	0.00	0.00	0.00	0.8	ENE
11/10/2023 09:51:00	3.5	3.1	-0.4	0.00	0.00	0.00	0.9	E
11/10/2023 09:52:00	3.6	3.1	-0.4	0.00	0.00	0.00	0.9	E
11/10/2023 09:53:00	3.6	3.0	-0.6	0.00	0.00	0.00	0.9	ENE
11/10/2023 09:54:00	3.6	3.1	-0.5	0.00	0.00	0.00	0.8	ESE
11/10/2023 09:55:00	3.6	3.1	-0.5	0.00	0.00	0.00	0.8	E
11/10/2023 09:56:00	3.5	3.1	-0.4	0.00	0.00	0.00	0.8	W
11/10/2023 09:57:00	3.5	3.1	-0.4	0.00	0.00	0.00	0.8	SSE
11/10/2023 09:58:00	3.5	3.2	-0.3	0.00	0.00	0.00	0.8	ESE
11/10/2023 09:59:00	3.9	3.1	-0.8	0.00	0.00	0.00	0.8	WNW
11/10/2023 10:00:00	3.7	3.4	-0.3	0.00	0.00	0.00	0.8	NE
11/10/2023 10:01:00	3.8	3.4	-0.4	0.00	0.00	0.00	0.8	WNW
11/10/2023 10:02:00	3.9	3.4	-0.5	0.00	0.00	0.00	0.8	WNW
11/10/2023 10:03:00	4.0	3.3	-0.7	0.00	0.00	0.00	0.8	W
11/10/2023 10:04:00	4.0	3.3	-0.7	0.00	0.00	0.00	0.8	ENE
11/10/2023 10:05:00	3.8	3.2	-0.6	0.00	0.00	0.00	0.8	SSE
11/10/2023 10:06:00	3.9	3.2	-0.8	0.00	0.00	0.00	0.8	WNW
11/10/2023 10:07:00	3.9	3.1	-0.8	0.00	0.00	0.00	0.8	NW
11/10/2023 10:08:00	3.9	3.1	-0.7	0.00	0.00	0.00	0.8	N
11/10/2023 10:09:00	3.8	3.1	-0.7	0.00	0.00	0.00	0.7	WSW
11/10/2023 10:10:00	3.8	3.0	-0.7	0.00	0.00	0.00	0.8	ENE
11/10/2023 10:11:00	3.8	2.9	-0.8	0.00	0.00	0.00	0.8	E
11/10/2023 10:12:00	3.6	2.9	-0.7	0.00	0.00	0.00	0.8	WSW
11/10/2023 10:13:00	3.7	2.6	-1.1	0.00	0.00	0.00	0.8	W
11/10/2023 10:14:00	3.2	2.6	-0.6	0.00	0.00	0.00	0.8	ENE
11/10/2023 10:15:00	3.2	2.3	-0.9	0.00	0.00	0.00	0.8	ENE
11/10/2023 10:16:00	2.9	2.3	-0.6	0.00	0.00	0.00	0.8	E
11/10/2023 10:17:00	2.7	2.3	-0.3	0.00	0.00	0.00	0.8	SSE
11/10/2023 10:18:00	2.6	2.3	-0.3	0.00	0.00	0.00	0.8	ENE
11/10/2023 10:19:00	2.8	2.3	-0.5	0.00	0.00	0.00	0.8	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
11/10/2023 10:20:00	2.7	2.3	-0.4	0.00	0.00	0.00	0.8	WSW
11/10/2023 10:21:00	2.7	2.3	-0.4	0.00	0.00	0.00	0.8	ENE
11/10/2023 10:22:00	3.0	2.2	-0.8	0.00	0.00	0.00	0.8	ESE
11/10/2023 10:23:00	3.0	2.3	-0.7	0.00	0.00	0.00	0.9	WSW
11/10/2023 10:24:00	3.2	2.3	-0.9	0.00	0.00	0.00	0.9	NNW
11/10/2023 10:25:00	3.3	2.5	-0.8	0.00	0.00	0.00	0.9	ENE
11/10/2023 10:26:00	3.3	2.5	-0.8	0.00	0.00	0.00	0.9	NNW
11/10/2023 10:27:00	3.3	2.6	-0.8	0.00	0.00	0.00	0.9	SE
11/10/2023 10:28:00	3.3	2.8	-0.5	0.00	0.00	0.00	0.9	E
11/10/2023 10:29:00	3.4	3.0	-0.4	0.00	0.00	0.00	0.9	ENE
11/10/2023 10:30:00	3.5	3.2	-0.2	0.00	0.00	0.00	0.9	ESE
11/10/2023 10:31:00	3.5	3.3	-0.2	0.00	0.00	0.00	0.9	SSW
11/10/2023 10:32:00	3.6	3.3	-0.3	0.00	0.00	0.00	0.9	E
11/10/2023 10:33:00	3.4	3.4	-0.1	0.00	0.00	0.00	0.9	SSW
11/10/2023 10:34:00	3.9	3.4	-0.6	0.00	0.00	0.00	0.9	ENE
11/10/2023 10:35:00	3.9	3.4	-0.5	0.00	0.00	0.00	0.8	SSW
11/10/2023 10:36:00	3.9	3.4	-0.4	0.00	0.00	0.00	0.9	NE
11/10/2023 10:37:00	3.6	3.5	-0.2	0.00	0.00	0.00	0.9	E
11/10/2023 10:38:00	3.7	3.4	-0.3	0.00	0.00	0.00	0.8	E
11/10/2023 10:39:00	3.6	3.5	-0.2	0.00	0.00	0.00	0.9	E
11/10/2023 10:40:00	3.6	3.5	-0.1	0.00	0.00	0.00	0.8	ENE
11/10/2023 10:41:00	3.6	3.5	-0.1	0.00	0.00	0.00	0.9	WSW
11/10/2023 10:42:00	3.6	3.6	0.1	0.00	0.00	0.00	0.9	E
11/10/2023 10:43:00	3.5	3.5	-0.1	0.00	0.00	0.00	0.9	ESE
11/10/2023 10:44:00	3.5	3.5	0.0	0.00	0.00	0.00	0.9	E
11/10/2023 10:45:00	3.5	3.3	-0.1	0.00	0.00	0.00	0.8	S
11/10/2023 10:46:00	3.4	3.3	-0.1	0.00	0.00	0.00	0.9	NNW
11/10/2023 10:47:00	3.5	3.3	-0.2	0.00	0.00	0.00	0.9	ENE
11/10/2023 10:48:00	3.5	3.4	-0.1	0.00	0.00	0.00	0.9	SSE
11/10/2023 10:49:00	3.0	3.4	0.4	0.00	0.00	0.00	0.8	SW
11/10/2023 10:50:00	3.1	3.5	0.4	0.00	0.00	0.00	0.9	E
11/10/2023 10:51:00	3.1	3.8	0.6	0.00	0.00	0.00	0.8	NNE

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
11/10/2023 10:52:00	3.3	3.8	0.5	0.00	0.00	0.00	0.8	ESE
11/10/2023 10:53:00	3.3	3.8	0.5	0.00	0.00	0.00	0.9	ENE
11/10/2023 10:54:00	3.3	3.8	0.5	0.00	0.00	0.00	0.9	S
11/10/2023 10:55:00	3.3	3.6	0.4	0.00	0.00	0.00	0.9	WSW
11/10/2023 10:56:00	3.3	3.6	0.3	0.00	0.00	0.00	0.9	SSW
11/10/2023 10:57:00	3.4	3.6	0.2	0.00	0.00	0.00	0.8	E
11/10/2023 10:58:00	3.4	3.7	0.3	0.00	0.00	0.00	0.8	NNW
11/10/2023 10:59:00				0.00	0.00	0.00	0.8	W
11/10/2023 11:00:00				0.00	0.00	0.00	0.8	E
11/10/2023 11:01:00	2.5	10.3	7.7	0.00	0.00	0.00	0.8	E
11/10/2023 11:02:00	2.3	13.1	10.8	0.00	0.00	0.00	0.8	E
11/10/2023 11:03:00				0.00	0.00	0.00	0.9	E
11/10/2023 11:04:00				0.00	0.00	0.00	0.9	NE
11/10/2023 11:05:00	2.6	4.2	1.5	0.00	0.00	0.00	0.9	E
11/10/2023 11:06:00	2.6	3.0	0.4	0.00	0.00	0.00	0.9	ENE
11/10/2023 11:07:00	2.8	2.5	-0.4	0.00	0.00	0.00	0.9	ENE
11/10/2023 11:08:00	3.0	2.8	-0.2	0.00	0.00	0.00	0.8	SE
11/10/2023 11:09:00	3.0	3.2	0.2	0.00	0.00	0.00	0.8	NE
11/10/2023 11:10:00	3.1	3.1	0.0	0.00	0.00	0.00	0.8	W
11/10/2023 11:11:00	3.3	3.4	0.1	0.00	0.00	0.00	0.8	NE
11/10/2023 11:12:00	3.8	3.8	0.1	0.00	0.00	0.00	0.8	NW
11/10/2023 11:13:00	4.0	4.0	0.1	0.00	0.00	0.00	0.8	W
11/10/2023 11:14:00	4.1	4.0	-0.1	0.00	0.00	0.00	0.8	E
11/10/2023 11:15:00	4.4	4.1	-0.2	0.00	0.00	0.00	0.8	NNW
11/10/2023 11:16:00	4.6	5.1	0.5	0.00	0.00	0.00	0.8	E
11/10/2023 11:17:00	5.0	5.2	0.2	0.00	0.00	0.00	0.8	SW
11/10/2023 11:18:00	5.1	6.1	1.0	0.00	0.00	0.00	0.7	ENE
11/10/2023 11:19:00	5.1	6.1	1.0	0.00	0.00	0.00	0.7	SE
11/10/2023 11:20:00	5.4	6.3	0.9	0.00	0.00	0.00	0.7	E
11/10/2023 11:21:00	5.6	6.6	1.0	0.00	0.00	0.00	0.8	E
11/10/2023 11:22:00	5.7	6.7	1.0	0.00	0.00	0.00	0.8	ENE
11/10/2023 11:23:00	5.8	6.6	0.7	0.00	0.00	0.00	0.8	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
11/10/2023 11:24:00	5.9	6.5	0.7	0.00	0.00	0.00	0.8	E
11/10/2023 11:25:00	6.0	6.6	0.6	0.00	0.00	0.00	0.8	NW
11/10/2023 11:26:00	6.2	6.6	0.5	0.00	0.00	0.00	0.8	E
11/10/2023 11:27:00	6.1	6.3	0.2	0.00	0.00	0.00	0.8	E
11/10/2023 11:28:00	6.4	6.1	-0.3	0.00	0.00	0.00	0.8	NW
11/10/2023 11:29:00	6.6	6.0	-0.6	0.00	0.00	0.00	0.8	NW
11/10/2023 11:30:00	6.6	5.8	-0.8	0.00	0.00	0.00	0.8	NW
11/10/2023 11:31:00	6.6	5.0	-1.6	0.00	0.00	0.00	0.8	ENE
11/10/2023 11:32:00	6.4	4.9	-1.5	0.00	0.00	0.00	0.8	E
11/10/2023 11:33:00	6.6	4.0	-2.7	0.00	0.00	0.00	0.9	ENE
11/10/2023 11:34:00	7.0	3.8	-3.3	0.00	0.00	0.00	0.9	NE
11/10/2023 11:35:00	6.8	3.7	-3.1	0.00	0.00	0.00	0.9	W
11/10/2023 11:36:00	6.7	3.6	-3.2	0.00	0.00	0.00	0.9	WSW
11/10/2023 11:37:00	6.7	3.6	-3.0	0.00	0.00	0.00	0.9	W
11/10/2023 11:38:00	6.8	3.7	-3.1	0.00	0.00	0.00	0.9	E
11/10/2023 11:39:00	7.9	4.1	-3.8	0.00	0.01	0.00	0.9	ESE
11/10/2023 11:40:00	9.0	4.7	-4.3	0.00	0.01	0.00	0.9	SE
11/10/2023 11:41:00	9.4	4.9	-4.5	0.00	0.01	0.00	0.9	ENE
11/10/2023 11:42:00	9.8	5.4	-4.4	0.00	0.01	0.00	0.9	N
11/10/2023 11:43:00	9.4	6.0	-3.4	0.00	0.01	0.00	0.9	WSW
11/10/2023 11:44:00	9.2	6.1	-3.1	0.00	0.01	0.00	1.0	NE
11/10/2023 11:45:00	9.2	6.1	-3.1	0.00	0.01	0.00	1.0	N
11/10/2023 11:46:00	8.8	6.2	-2.6	0.00	0.01	0.00	1.0	WNW
11/10/2023 11:47:00	8.7	6.1	-2.6	0.00	0.01	0.00	1.0	NE
11/10/2023 11:48:00	8.4	6.2	-2.3	0.00	0.00	0.00	1.0	ENE
11/10/2023 11:49:00	8.1	6.1	-2.0	0.00	0.00	0.00	1.0	E
11/10/2023 11:50:00	8.2	5.9	-2.3	0.00	0.00	0.00	1.0	E
11/10/2023 11:51:00	8.2	5.9	-2.3	0.00	0.00	0.00	1.0	E
11/10/2023 11:52:00	8.2	5.9	-2.3	0.00	0.00	0.00	1.1	W
11/10/2023 11:53:00	7.8	5.8	-2.0	0.00	0.00	0.00	1.1	N
11/10/2023 11:54:00	6.6	5.3	-1.3	0.00	0.00	0.00	1.1	N
11/10/2023 11:55:00	5.4	4.7	-0.7	0.00	0.00	0.00	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
11/10/2023 11:56:00	4.6	4.3	-0.4	0.00	0.00	0.00	1.0	E
11/10/2023 11:57:00	4.0	3.8	-0.2	0.00	0.00	0.00	1.0	ESE
11/10/2023 11:58:00	4.0	3.3	-0.6	0.00	0.00	0.00	1.0	WNW
11/10/2023 11:59:00	3.7	3.3	-0.5	0.00	0.00	0.00	1.0	E
11/10/2023 12:00:00	3.5	3.2	-0.3	0.00	0.00	0.00	1.0	W
11/10/2023 12:01:00	3.5	3.2	-0.3	0.00	0.00	0.00	1.0	NW
11/10/2023 12:02:00	3.6	3.2	-0.5	0.00	0.00	0.00	1.0	ENE
11/10/2023 12:03:00	3.6	3.3	-0.3	0.00	0.00	0.00	0.9	ESE
11/10/2023 12:04:00	3.3	3.3	-0.1	0.00	0.00	0.00	1.0	ENE
11/10/2023 12:05:00	3.1	3.3	0.1	0.00	0.00	0.00	0.9	NE
11/10/2023 12:06:00	3.1	3.5	0.3	0.00	0.00	0.00	0.9	NNE
11/10/2023 12:07:00	3.0	3.5	0.5	0.00	0.00	0.00	0.9	ENE
11/10/2023 12:08:00	3.0	3.5	0.5	0.00	0.00	0.00	0.8	ESE
11/10/2023 12:09:00	3.0	3.5	0.5	0.00	0.00	0.00	0.9	ENE
11/10/2023 12:10:00	3.0	3.5	0.4	0.00	0.00	0.00	0.9	E
11/10/2023 12:11:00	3.0	3.5	0.4	0.00	0.00	0.00	0.9	WSW
11/10/2023 12:12:00	3.0	3.4	0.4	0.00	0.00	0.00	0.9	E
11/10/2023 12:13:00	3.1	3.5	0.3	0.00	0.00	0.00	0.9	E
11/10/2023 12:14:00	3.4	3.6	0.2	0.00	0.00	0.00	1.0	E
11/10/2023 12:15:00	3.5	3.6	0.2	0.00	0.00	0.00	1.0	ENE
11/10/2023 12:16:00	3.6	3.5	-0.1	0.00	0.00	0.00	1.0	ENE
11/10/2023 12:17:00	3.3	3.6	0.3	0.00	0.00	0.00	1.0	SSE
11/10/2023 12:18:00	3.4	3.4	0.0	0.00	0.00	0.00	1.0	E
11/10/2023 12:19:00	3.5	3.4	-0.1	0.00	0.00	0.00	1.0	E
11/10/2023 12:20:00	3.7	3.3	-0.4	0.00	0.00	0.00	1.0	NNE
11/10/2023 12:21:00	4.1	3.3	-0.8	0.00	0.00	0.00	1.0	ESE
11/10/2023 12:22:00	4.3	3.6	-0.7	0.00	0.00	0.00	1.0	WSW
11/10/2023 12:23:00	4.5	3.8	-0.7	0.00	0.00	0.00	1.0	ENE
11/10/2023 12:24:00	4.7	4.1	-0.6	0.00	0.00	0.00	1.0	E
11/10/2023 12:25:00	4.7	4.2	-0.6	0.00	0.00	0.00	1.0	E
11/10/2023 12:26:00	5.0	4.3	-0.7	0.00	0.00	0.00	1.0	SE
11/10/2023 12:27:00	5.2	4.4	-0.8	0.00	0.00	0.00	1.0	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
11/10/2023 12:28:00	5.1	4.4	-0.7	0.00	0.00	0.00	1.0	N
11/10/2023 12:29:00	5.0	4.3	-0.7	0.00	0.00	0.00	0.9	NNE
11/10/2023 12:30:00	5.0	4.2	-0.8	0.00	0.00	0.00	0.9	ENE
11/10/2023 12:31:00	4.9	4.3	-0.7	0.00	0.00	0.00	0.9	W
11/10/2023 12:32:00	5.0	5.0	0.1	0.00	0.00	0.00	0.9	E
11/10/2023 12:33:00	4.8	5.2	0.4	0.00	0.00	0.00	0.9	E
11/10/2023 12:34:00	4.8	5.2	0.4	0.00	0.00	0.00	0.9	ENE
11/10/2023 12:35:00	4.8	5.3	0.5	0.00	0.00	0.00	0.8	E
11/10/2023 12:36:00	4.5	5.2	0.8	0.00	0.00	0.00	0.8	W
11/10/2023 12:37:00	4.6	5.0	0.3	0.00	0.00	0.00	0.8	WSW
11/10/2023 12:38:00	4.7	6.2	1.5	0.00	0.00	0.00	0.8	ESE
11/10/2023 12:39:00	4.9	6.4	1.5	0.00	0.00	0.00	0.8	WSW
11/10/2023 12:40:00	5.1	6.6	1.4	0.00	0.00	0.00	0.8	E
11/10/2023 12:41:00	5.6	7.0	1.3	0.00	0.00	0.00	0.8	SE
11/10/2023 12:42:00	6.0	8.4	2.4	0.00	0.00	0.00	0.8	SSW
11/10/2023 12:43:00	6.9	9.1	2.2	0.00	0.00	0.00	0.8	NE
11/10/2023 12:44:00	7.0	9.7	2.8	0.00	0.00	0.00	0.8	E
11/10/2023 12:45:00	7.4	10.2	2.8	0.00	0.00	0.00	0.8	E
11/10/2023 12:46:00	7.9	11.2	3.3	0.00	0.00	0.00	0.8	SW
11/10/2023 12:47:00	8.9	10.5	1.6	0.00	0.00	0.00	0.9	SE
11/10/2023 12:48:00	11.2	10.6	-0.6	0.00	0.00	0.00	0.9	ESE
11/10/2023 12:49:00	11.2	11.6	0.4	0.00	0.00	0.00	0.8	SW
11/10/2023 12:50:00	11.8	11.7	-0.1	0.00	0.00	0.00	0.9	ESE
11/10/2023 12:51:00	12.2	12.8	0.5	0.00	0.00	0.00	0.9	WSW
11/10/2023 12:52:00	12.2	13.2	1.0	0.00	0.00	0.00	0.9	W
11/10/2023 12:53:00	12.1	12.1	0.0	0.00	0.00	0.00	0.9	E
11/10/2023 12:54:00	12.0	11.8	-0.2	0.00	0.00	0.00	0.9	ESE
11/10/2023 12:55:00	12.1	11.7	-0.4	0.00	0.00	0.00	0.9	SSW
11/10/2023 12:56:00	11.6	11.6	0.0	0.00	0.00	0.00	0.9	E
11/10/2023 12:57:00	11.0	10.1	-0.9	0.00	0.00	0.00	0.9	SSW
11/10/2023 12:58:00	10.2	9.5	-0.7	0.00	0.00	0.00	0.9	SSW
11/10/2023 12:59:00	10.1	9.0	-1.1	0.00	0.00	0.00	0.9	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
11/10/2023 13:00:00	9.6	8.6	-1.0	0.00	0.00	0.00	0.9	S
11/10/2023 13:01:00	9.3	7.7	-1.6	0.00	0.00	0.00	0.9	NE
11/10/2023 13:02:00	8.2	7.8	-0.4	0.00	0.00	0.00	0.9	WNW
11/10/2023 13:03:00	6.2	7.6	1.4	0.00	0.00	0.00	0.9	E
11/10/2023 13:04:00	6.5	6.7	0.2	0.00	0.00	0.00	0.9	ESE
11/10/2023 13:05:00	5.9	6.8	0.9	0.00	0.00	0.00	0.9	SW
11/10/2023 13:06:00	5.4	5.8	0.5	0.00	0.00	0.00	0.9	WSW
11/10/2023 13:07:00	5.1	5.5	0.4	0.00	0.00	0.00	0.9	E
11/10/2023 13:08:00	5.0	5.2	0.2	0.00	0.00	0.00	0.9	W
11/10/2023 13:09:00	4.7	5.2	0.5	0.00	0.00	0.00	0.9	SSW
11/10/2023 13:10:00	4.5	5.1	0.6	0.00	0.00	0.00	0.8	WSW
11/10/2023 13:11:00	4.3	4.8	0.5	0.00	0.00	0.00	0.8	SW
11/10/2023 13:12:00	4.3	4.7	0.4	0.00	0.00	0.00	0.8	N
11/10/2023 13:13:00	4.2	4.5	0.3	0.00	0.00	0.00	0.8	ESE
11/10/2023 13:14:00	4.1	4.4	0.3	0.00	0.00	0.00	0.8	E
11/10/2023 13:15:00	4.2	4.3	0.1	0.00	0.00	0.00	0.8	ENE
11/10/2023 13:16:00	4.2	4.3	0.1	0.00	0.00	0.00	0.9	E
11/10/2023 13:17:00	4.2	4.0	-0.2	0.00	0.00	0.00	0.9	ENE
11/10/2023 13:18:00	4.0	4.0	0.0	0.00	0.00	0.00	1.0	E
11/10/2023 13:19:00	3.6	4.0	0.4	0.00	0.00	0.00	1.0	E
11/10/2023 13:20:00	3.7	3.9	0.2	0.00	0.00	0.00	1.0	E
11/10/2023 13:21:00	3.9	3.8	-0.1	0.00	0.00	0.00	1.1	E
11/10/2023 13:22:00	4.0	3.7	-0.3	0.00	0.00	0.00	1.1	ESE
11/10/2023 13:23:00	4.1	3.7	-0.4	0.00	0.00	0.00	1.1	ESE
11/10/2023 13:24:00	4.3	3.9	-0.5	0.00	0.00	0.00	1.1	E
11/10/2023 13:25:00	4.4	4.1	-0.2	0.00	0.00	0.00	1.2	E
11/10/2023 13:26:00	4.5	4.4	-0.1	0.00	0.00	0.00	1.2	E
11/10/2023 13:27:00	4.5	4.5	-0.1	0.00	0.00	0.00	1.2	E
11/10/2023 13:28:00	4.6	4.4	-0.2	0.00	0.00	0.00	1.3	E
11/10/2023 13:29:00	4.9	4.4	-0.5	0.00	0.00	0.00	1.2	ENE
11/10/2023 13:30:00	5.0	4.4	-0.6	0.00	0.00	0.00	1.2	ESE
11/10/2023 13:31:00	5.2	4.3	-0.9	0.00	0.00	0.00	1.1	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
11/10/2023 13:32:00	5.3	4.3	-1.0	0.00	0.00	0.00	1.1	ESE
11/10/2023 13:33:00	5.3	4.3	-0.9	0.00	0.00	0.00	1.1	WNW
11/10/2023 13:34:00	5.3	4.3	-1.0	0.00	0.00	0.00	1.1	W
11/10/2023 13:35:00	5.2	4.2	-1.0	0.00	0.00	0.00	1.0	ENE
11/10/2023 13:36:00	5.1	4.3	-0.8	0.00	0.00	0.00	1.0	SE
11/10/2023 13:37:00	5.2	4.2	-0.9	0.00	0.00	0.00	1.0	E
11/10/2023 13:38:00	5.1	4.5	-0.6	0.00	0.00	0.00	1.0	WSW
11/10/2023 13:39:00	5.1	4.4	-0.7	0.00	0.00	0.00	1.0	E
11/10/2023 13:40:00	6.1	4.3	-1.8	0.00	0.00	0.00	0.9	E
11/10/2023 13:41:00	6.2	4.4	-1.8	0.00	0.00	0.00	0.9	E
11/10/2023 13:42:00	8.1	4.5	-3.6	0.00	0.00	0.00	0.9	ENE
11/10/2023 13:43:00	8.1	5.5	-2.6	0.00	0.00	0.00	0.9	WSW
11/10/2023 13:44:00	7.9	5.5	-2.4	0.00	0.00	0.00	0.9	ENE
11/10/2023 13:45:00	7.9	5.6	-2.3	0.00	0.00	0.00	1.0	ENE
11/10/2023 13:46:00	7.9	5.7	-2.2	0.00	0.00	0.00	1.0	NE
11/10/2023 13:47:00	8.1	5.8	-2.3	0.00	0.00	0.00	0.9	E
11/10/2023 13:48:00	8.4	5.8	-2.6	0.00	0.00	0.00	1.0	NE
11/10/2023 13:49:00	9.0	5.8	-3.2	0.00	0.00	0.00	1.0	ESE
11/10/2023 13:50:00	8.9	6.1	-2.8	0.00	0.00	0.00	1.0	SW
11/10/2023 13:51:00	9.0	6.0	-3.0	0.00	0.00	0.00	1.0	NW
11/10/2023 13:52:00	8.8	6.3	-2.5	0.00	0.00	0.00	0.9	WNW
11/10/2023 13:53:00	9.2	5.9	-3.2	0.00	0.00	0.00	0.9	N
11/10/2023 13:54:00	9.1	6.2	-2.9	0.00	0.00	0.00	0.9	WNW
11/10/2023 13:55:00	8.1	6.6	-1.5	0.00	0.00	0.00	0.9	W
11/10/2023 13:56:00	8.4	6.3	-2.2	0.00	0.00	0.00	0.9	E
11/10/2023 13:57:00	7.4	6.4	-1.0	0.00	0.00	0.00	0.9	ESE
11/10/2023 13:58:00	8.3	5.5	-2.8	0.00	0.00	0.00	0.9	ESE
11/10/2023 13:59:00	8.9	5.5	-3.3	0.00	0.00	0.00	0.9	E
11/10/2023 14:00:00	9.2	5.7	-3.5	0.00	0.00	0.00	0.9	E
11/10/2023 14:01:00	9.6	5.9	-3.7	0.00	0.00	0.00	0.8	ESE
11/10/2023 14:02:00	9.3	6.3	-3.1	0.00	0.00	0.00	0.9	W
11/10/2023 14:03:00	9.6	6.2	-3.4	0.00	0.00	0.00	0.8	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
11/10/2023 14:04:00	9.6	6.2	-3.3	0.00	0.00	0.00	0.8	SE
11/10/2023 14:05:00	9.8	5.8	-4.0	0.00	0.00	0.00	0.8	N
11/10/2023 14:06:00	9.9	5.8	-4.1	0.00	0.00	0.00	0.8	ENE
11/10/2023 14:07:00	10.6	5.6	-5.1	0.00	0.00	0.00	0.9	E
11/10/2023 14:08:00	10.8	5.6	-5.2	0.00	0.00	0.00	0.9	ENE
11/10/2023 14:09:00	11.3	5.2	-6.1	0.00	0.00	0.00	0.9	E
11/10/2023 14:10:00	11.6	4.8	-6.8	0.00	0.00	0.00	0.9	ESE
11/10/2023 14:11:00	11.6	5.0	-6.6	0.00	0.00	0.00	0.9	E
11/10/2023 14:12:00	10.9	4.7	-6.2	0.00	0.00	0.00	1.0	NE
11/10/2023 14:13:00	10.0	4.6	-5.4	0.00	0.00	0.00	1.0	NE
11/10/2023 14:14:00	9.4	4.8	-4.6	0.00	0.00	0.00	1.0	SW
11/10/2023 14:15:00	9.2	4.7	-4.5	0.00	0.00	0.00	1.0	E
11/10/2023 14:16:00	8.8	4.5	-4.3	0.00	0.00	0.00	1.0	NE
11/10/2023 14:17:00	8.9	4.2	-4.7	0.00	0.00	0.00	1.1	ENE
11/10/2023 14:18:00	8.8	4.3	-4.6	0.00	0.00	0.00	1.0	ESE
11/10/2023 14:19:00	9.0	4.4	-4.6	0.00	0.00	0.00	1.0	ENE
11/10/2023 14:20:00	9.0	4.8	-4.2	0.00	0.00	0.00	1.0	WSW
11/10/2023 14:21:00	8.9	5.0	-3.9	0.00	0.00	0.00	1.0	ESE
11/10/2023 14:22:00	8.3	5.0	-3.3	0.00	0.00	0.00	1.0	E
11/10/2023 14:23:00	7.9	5.0	-2.9	0.00	0.00	0.00	1.0	SE
11/10/2023 14:24:00	7.4	4.9	-2.5	0.00	0.00	0.00	0.9	ENE
11/10/2023 14:25:00	7.2	4.8	-2.5	0.00	0.00	0.00	1.0	NNE
11/10/2023 14:26:00	6.8	4.6	-2.2	0.00	0.00	0.00	0.9	ESE
11/10/2023 14:27:00	6.6	4.6	-2.0	0.00	0.00	0.00	0.9	ENE
11/10/2023 14:28:00	6.5	4.7	-1.9	0.00	0.00	0.00	0.9	E
11/10/2023 14:29:00	6.6	4.6	-2.0	0.00	0.00	0.00	0.9	E
11/10/2023 14:30:00	6.3	4.7	-1.7	0.01	0.00	0.00	0.9	E
11/10/2023 14:31:00	6.1	4.6	-1.5	0.01	0.00	0.00	0.9	SSE
11/10/2023 14:32:00	5.8	4.7	-1.1	0.01	0.00	0.00	0.9	W
11/10/2023 14:33:00	5.8	4.5	-1.3	0.01	0.00	0.00	0.9	ENE
11/10/2023 14:34:00	5.1	5.6	0.4	0.01	0.00	0.00	0.9	WSW
11/10/2023 14:35:00	5.2	5.2	0.0	0.01	0.00	0.00	0.9	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
11/10/2023 14:36:00	5.0	5.1	0.1	0.01	0.00	0.00	0.9	E
11/10/2023 14:37:00	4.8	5.2	0.4	0.01	0.00	0.00	0.9	SE
11/10/2023 14:38:00	5.0	5.2	0.3	0.01	0.00	0.00	0.9	NE
11/10/2023 14:39:00	4.8	5.6	0.8	0.01	0.00	0.00	0.9	W
11/10/2023 14:40:00	5.0	5.6	0.6	0.01	0.00	0.00	0.9	NE
11/10/2023 14:41:00	4.9	5.7	0.8	0.01	0.00	0.00	0.9	WNW
11/10/2023 14:42:00	5.1	5.7	0.5	0.01	0.00	-0.01	0.9	E
11/10/2023 14:43:00	5.6	5.7	0.1	0.01	0.00	-0.01	0.8	ESE
11/10/2023 14:44:00	5.9	5.8	-0.1	0.01	0.00	-0.01	0.9	E
11/10/2023 14:45:00	5.9	6.3	0.4	0.00	0.00	0.00	0.9	ENE
11/10/2023 14:46:00	6.0	6.3	0.2	0.00	0.00	0.00	0.9	ESE
11/10/2023 14:47:00	6.2	6.1	-0.1	0.00	0.00	0.00	0.9	E
11/10/2023 14:48:00	5.6	6.1	0.5	0.00	0.00	0.00	0.9	E
11/10/2023 14:49:00	5.6	4.9	-0.8	0.00	0.00	0.00	0.9	ENE
11/10/2023 14:50:00	5.4	4.7	-0.7	0.00	0.00	0.00	0.9	ESE
11/10/2023 14:51:00	5.4	4.5	-0.9	0.00	0.00	0.00	0.9	ESE
11/10/2023 14:52:00	5.5	4.4	-1.1	0.01	0.00	0.00	0.9	E
11/10/2023 14:53:00	5.3	4.6	-0.7	0.01	0.00	-0.01	0.9	E
11/10/2023 14:54:00	5.3	4.5	-0.8	0.01	0.00	-0.01	0.9	SE
11/10/2023 14:55:00	5.1	5.3	0.2	0.01	0.00	-0.01	0.9	E
11/10/2023 14:56:00				0.01	0.00	-0.01	0.9	E
11/10/2023 14:57:00				0.01	0.00	0.00	1.0	E
11/10/2023 14:58:00				0.01	0.00	-0.01	1.0	ENE
11/10/2023 14:59:00				0.01	0.00	-0.01	0.9	E
11/10/2023 15:00:00	4.3	2.5	-1.8	0.01	0.00	-0.01	0.9	ENE
11/10/2023 15:01:00				0.01	0.00	-0.01	0.9	WSW
11/10/2023 15:02:00				0.01	0.00	-0.01	0.9	WSW
11/10/2023 15:03:00	2.9	4.6	1.7	0.01	0.00	-0.01	0.9	ENE
11/10/2023 15:04:00	3.3	5.1	1.8	0.01	0.00	-0.01	0.9	E
11/10/2023 15:05:00	5.3	5.8	0.5	0.01	0.00	-0.01	0.9	W
11/10/2023 15:06:00	6.3	7.1	0.8	0.01	0.00	-0.01	0.9	NNE
11/10/2023 15:07:00	6.0	7.3	1.3	0.01	0.00	0.00	0.9	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
11/10/2023 15:08:00	5.6	8.4	2.8	0.01	0.00	0.00	0.9	ESE
11/10/2023 15:09:00	6.3	7.8	1.5	0.01	0.00	0.00	0.9	W
11/10/2023 15:10:00	6.1	7.5	1.4	0.01	0.00	0.00	0.9	ENE
11/10/2023 15:11:00	5.9	7.1	1.2	0.01	0.00	0.00	0.9	E
11/10/2023 15:12:00	5.7	7.0	1.3	0.01	0.00	0.00	0.9	W
11/10/2023 15:13:00	5.9	7.0	1.1	0.00	0.00	0.00	0.9	E
11/10/2023 15:14:00	5.8	7.0	1.2	0.00	0.00	0.00	0.9	SSE
11/10/2023 15:15:00	5.7	6.9	1.2	0.00	0.00	0.00	0.8	ESE
11/10/2023 15:16:00	5.7	6.8	1.1	0.00	0.00	0.00	0.9	E
11/10/2023 15:17:00	5.7	6.9	1.2	0.00	0.00	0.00	0.9	E
11/10/2023 15:18:00	5.8	7.2	1.3	0.00	0.00	0.00	0.9	ESE
11/10/2023 15:19:00	5.9	10.4	4.5	0.00	0.00	0.00	0.9	ENE
11/10/2023 15:20:00	5.5	17.3	11.8	0.00	0.00	0.00	0.9	ENE
11/10/2023 15:21:00	5.1	18.9	13.8	0.00	0.00	0.00	0.9	E
11/10/2023 15:22:00	5.1	20.3	15.3	0.00	0.00	0.00	0.9	ESE
11/10/2023 15:23:00	5.1	22.0	16.9	0.00	0.00	0.00	0.9	ESE
11/10/2023 15:24:00	4.7	22.8	18.1	0.00	0.00	0.00	0.9	E
11/10/2023 15:25:00	7.2	22.7	15.5	0.00	0.00	0.00	0.9	WNW
11/10/2023 15:26:00	7.3	23.4	16.2	0.00	0.00	0.00	0.9	ESE
11/10/2023 15:27:00	8.3	23.4	15.2	0.00	0.00	0.00	0.9	SSW
11/10/2023 15:28:00	8.1	26.6	18.5	0.00	0.00	0.00	0.9	NE
11/10/2023 15:29:00	8.1	27.2	19.1	0.00	0.00	0.00	0.9	ENE
11/10/2023 15:30:00	8.1	29.1	20.9	0.00	0.00	0.00	0.9	ESE
11/10/2023 15:31:00	9.3	29.0	19.7	0.00	0.00	0.00	0.8	SW
11/10/2023 15:32:00	9.8	28.8	19.0	0.00	0.00	0.00	0.8	SW
11/10/2023 15:33:00	9.8	28.8	19.1	0.00	0.00	0.00	0.8	E
11/10/2023 15:34:00	9.7	25.6	15.9	0.00	0.00	0.00	0.8	E
11/10/2023 15:35:00	9.7	18.6	8.9	0.00	0.00	0.00	0.8	E
11/10/2023 15:36:00	9.6	16.8	7.2	0.00	0.00	0.00	0.7	E
11/10/2023 15:37:00	9.6	16.4	6.8	0.00	0.00	0.00	0.7	ESE
11/10/2023 15:38:00	9.5	19.7	10.2	0.00	0.00	0.00	0.7	ENE
11/10/2023 15:39:00	9.4	24.9	15.5	0.00	0.00	0.00	0.8	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
11/10/2023 15:40:00	6.8	25.1	18.3	0.00	0.00	0.00	0.8	E
11/10/2023 15:41:00	6.8	24.5	17.6	0.00	0.00	0.00	0.8	E
11/10/2023 15:42:00	5.8	24.4	18.6	0.00	0.00	0.00	0.8	ESE
11/10/2023 15:43:00	5.8	21.9	16.1	0.00	0.00	0.00	0.8	ENE
11/10/2023 15:44:00	5.6	21.3	15.7	0.00	0.00	0.00	0.8	E
11/10/2023 15:45:00	5.9	19.2	13.3	0.00	0.00	0.00	0.8	SSE
11/10/2023 15:46:00	4.6	19.4	14.8	0.00	0.00	0.00	0.8	E
11/10/2023 15:47:00	4.1	19.4	15.3	0.00	0.00	0.00	0.8	W
11/10/2023 15:48:00	4.0	19.1	15.1	0.00	0.00	0.00	0.8	E
11/10/2023 15:49:00	4.0	20.1	16.1	0.00	0.00	0.00	0.8	E
11/10/2023 15:50:00	4.0	20.9	16.9	0.00	0.00	0.00	0.9	E