

DAILY FIELD REPORT 096

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	October 18, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 5:45 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Caitlyn Dempsey (Environmental) Xianglei Zheng (Geotechnical)
Construction Manager: Consigli Construction Co., Inc. (Consigli)	
Foundation Contractor: Urban Foundation/Engineering (Urban)	

Work Activities Performed:

- Urban excavated an about 22-foot-long by 10-foot-wide area from about 6 feet below grade surface (bgs) to about 8 feet bgs in the northern part of waste characterization grid WC03_5-10 to prepare for lagging installation. Excavated soil/fill was temporarily stockpiled in the central part of the site (grid WC03) prior to being loaded into trucks for off-site disposal.
- Urban continued excavation of two about 12-foot-long by 12-foot-wide areas to about 4 feet bgs in the central part of waste characterization grids WC04_0-5 and WC05_0-5 to prepare for the reinstallation of three in-situ stabilization columns and equipment mobilization, respectively. Excavated soil/fill was stockpiled in the central part of the site (grid WC03) and covered with polyethylene sheeting at the end of the day, pending off-site disposal.
- Urban graded two about 100-foot-long by 50-foot-wide areas of soil/fill in the northern part of waste characterization grid WC02 and the western part of waste characterization grid WC03 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 installed two casings for two caissons and continued advancing one casing for one caisson using an Urban Custom Build Drill Rig in the northeastern part of the site.
- Urban installed reinforcement and placed grout for the completion of one caisson.
- Urban re-installed three, 38-inch-diameter, soil-mix columns using a Bauer BG 33H drilling rig in the southern part of the waste characterization grid WC04 as part of the in-situ stabilization (ISS) of the coal tar/creosote non-aqueous phase liquid (NAPL)-contaminated soil. The soil-mix columns were installed from existing grade to elevations ranging from about (el.) -25 to el. -28 feet in reference to the North American Vertical Datum of 1988 (NAVD88). During the soil mixing operation, six wet grab soil mix samples were collected from each of the three columns to determine the compressive strength of the injected cement grout mix. Grout mix sampling were also collected for compressive strength testing. Core samples will be collected from the installed soil-mix columns after an initial curing (a minimum of 7 days).

Material Tracking:

- The following soil/fill was exported from the site:
 - 1 load of soil/fill from waste characterization grids WC03_COMP_0-5 and WC03_COMP_5-10 to Bayshore Soil Management, LLC facility in Keasbey, NJ.

- 2 loads of soil/fill from waste characterization grid WC03_COMP_5-10 to 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&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)
	1	20	2	40	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)
	120	3,300	34	660	0	-	14	280

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

Samples Collected:

- No samples were collected.

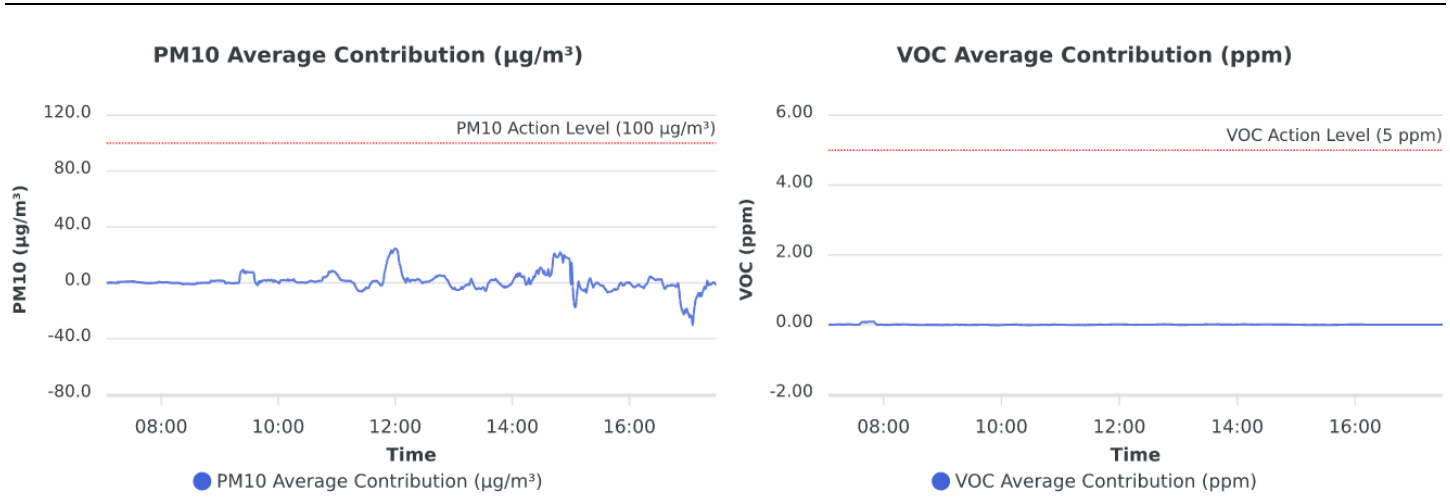
Air Monitoring:

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	6.7	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-30.4	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	24.5	VOC Average Site Contribution (Maximum)	0.09

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

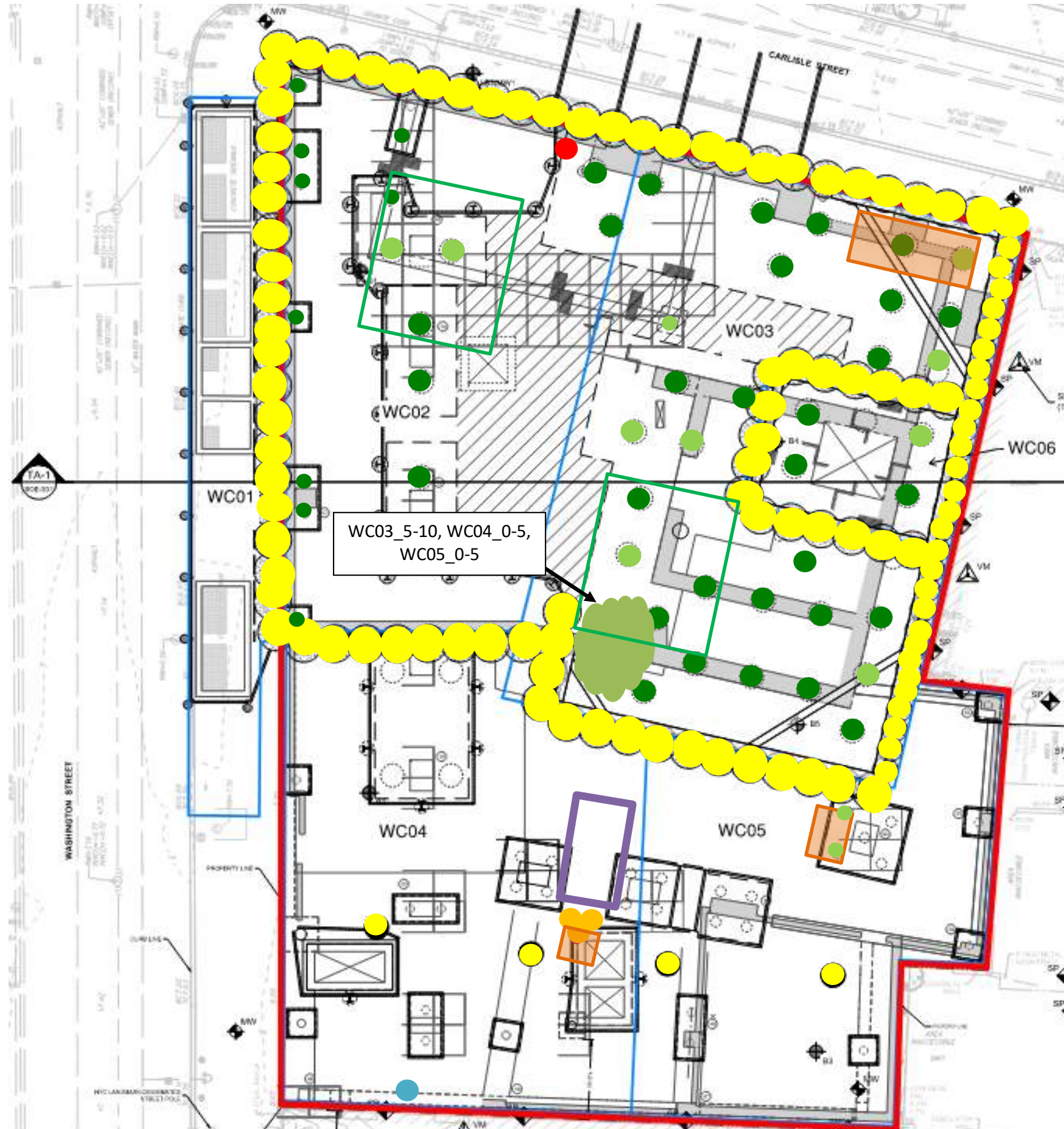
ppm: parts per million.



Planned Activities:

- Urban will continue installing caisson casings throughout the site.
- Urban will apply grout to caissons.
- Urban will export soil/fill to the Bayshore Soil Management and Clean Earth of Carteret facilities.

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: Urban installing soil-mix columns as part of the ISS in the southern part of the waste characterization grid WC04 (facing northeast).



Photo 2: View of Urban loading a truck with soil/fill for off-site disposal (facing south).



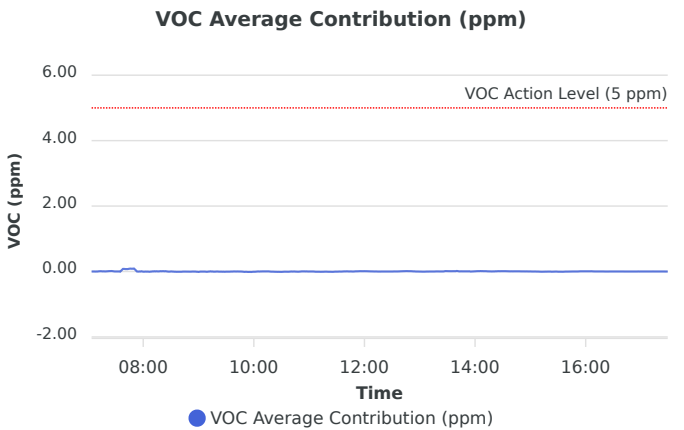
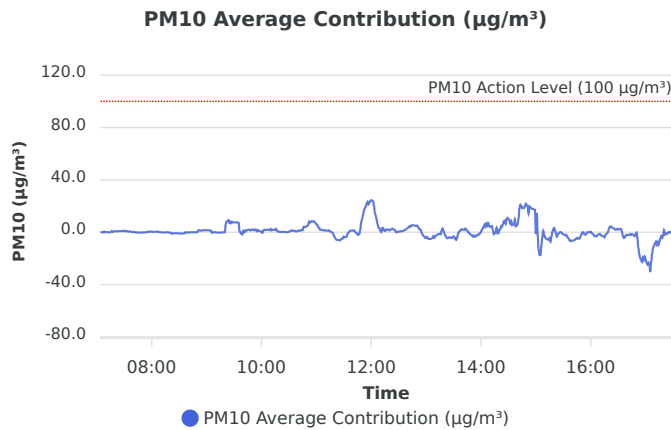
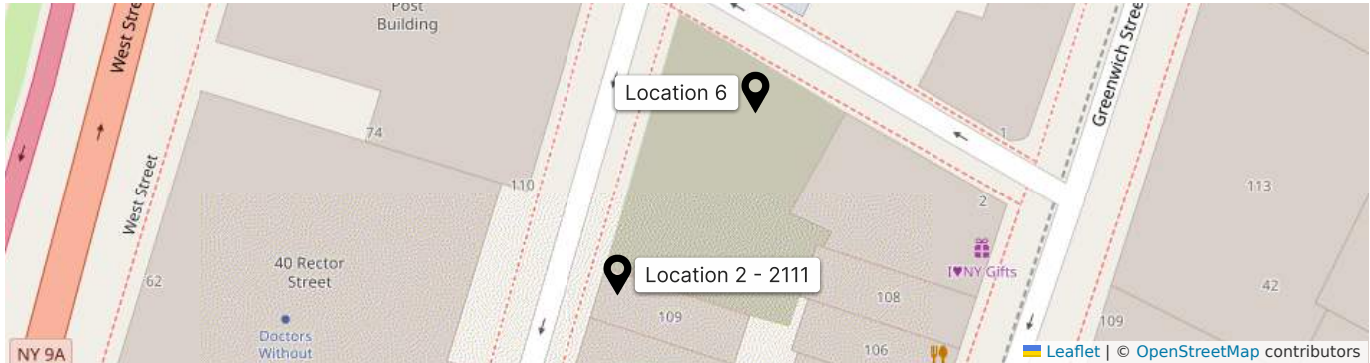
Photo 3: View of the entrance/exit along Washington Street at the end of the work day (facing south).



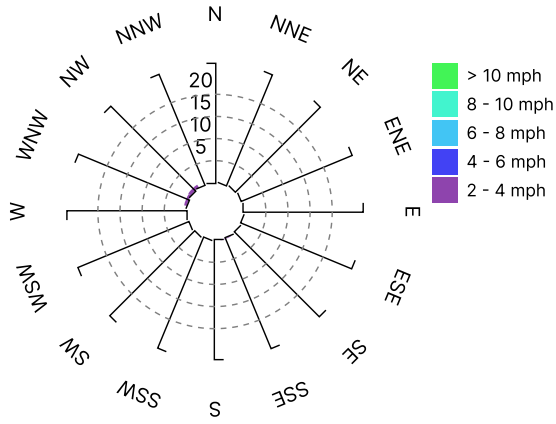
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	10/18/2023 06:00
		To:	10/18/2023 18:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
10/18/2023	0.2-3.1	NW

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 10/18/2023	-30.4	17:05	-0.01	09:57
Max Contribution (15 min avg.) - 10/18/2023	24.5	12:00	0.09	07:50



Contribution wind rose (mph)



Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 07:04:00	6.7	6.7	0.0	0.00	0.00	0.00	0.5	NNE
10/18/2023 07:05:00	6.5	6.5	0.0	0.00	0.00	0.00	0.5	WNW
10/18/2023 07:06:00	6.1	6.2	0.1	0.00	0.00	0.00	0.5	NW
10/18/2023 07:07:00	6.0	5.9	-0.1	0.00	0.00	0.00	0.5	NNE
10/18/2023 07:08:00	5.8	6.3	0.5	0.00	0.00	0.00	0.5	WNW
10/18/2023 07:09:00	6.1	6.1	0.0	0.00	0.00	0.00	0.5	N
10/18/2023 07:10:00	6.1	6.3	0.2	0.00	0.00	0.00	0.5	WNW
10/18/2023 07:11:00	6.2	6.3	0.0	0.00	0.01	0.00	0.5	NNW
10/18/2023 07:12:00	6.3	6.2	-0.1	0.00	0.01	0.01	0.5	N
10/18/2023 07:13:00	6.2	6.1	-0.1	0.00	0.01	0.01	0.5	NNE
10/18/2023 07:14:00	6.2	6.1	-0.1	0.00	0.01	0.01	0.5	NW
10/18/2023 07:15:00	6.2	6.2	0.0	0.01	0.01	0.01	0.5	SSE
10/18/2023 07:16:00	6.0	6.8	0.7	0.01	0.01	0.00	0.5	S
10/18/2023 07:17:00	6.5	6.6	0.1	0.01	0.01	0.01	0.5	NNE
10/18/2023 07:18:00	6.4	7.0	0.6	0.01	0.01	0.00	0.5	S
10/18/2023 07:19:00	6.3	7.0	0.7	0.01	0.01	0.00	0.5	WSW
10/18/2023 07:20:00	6.4	7.1	0.7	0.01	0.01	0.00	0.5	ESE
10/18/2023 07:21:00	6.4	7.1	0.7	0.01	0.01	0.01	0.5	NNW
10/18/2023 07:22:00	6.5	7.2	0.8	0.01	0.02	0.01	0.5	SE
10/18/2023 07:23:00	6.5	7.2	0.7	0.01	0.02	0.01	0.5	SE
10/18/2023 07:24:00	6.4	7.3	0.9	0.01	0.02	0.01	0.5	ENE
10/18/2023 07:25:00	6.3	7.1	0.8	0.01	0.02	0.01	0.5	E
10/18/2023 07:26:00	6.2	7.1	0.9	0.01	0.02	0.01	0.5	NNE
10/18/2023 07:27:00	6.1	7.1	0.9	0.01	0.02	0.01	0.5	SSE
10/18/2023 07:28:00	6.1	7.0	0.9	0.01	0.02	0.01	0.5	SW
10/18/2023 07:29:00	6.0	7.0	1.0	0.01	0.01	0.00	0.6	NW
10/18/2023 07:30:00	5.9	7.0	1.1	0.01	0.01	0.00	0.6	WNW
10/18/2023 07:31:00	5.9	6.5	0.7	0.01	0.01	0.00	0.6	S
10/18/2023 07:32:00	5.4	6.5	1.1	0.01	0.01	0.00	0.6	E
10/18/2023 07:33:00	5.4	6.1	0.7	0.01	0.01	0.00	0.6	WNW
10/18/2023 07:34:00	5.4	6.0	0.7	0.01	0.01	0.00	0.6	S
10/18/2023 07:35:00	5.6	6.0	0.4	0.02	0.01	-0.01	0.7	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 07:36:00	5.7	6.3	0.6	0.02	0.04	0.02	0.7	NW
10/18/2023 07:37:00	5.7	6.3	0.5	0.02	0.07	0.05	0.7	NNE
10/18/2023 07:38:00	5.7	6.0	0.3	0.02	0.10	0.08	0.7	NNW
10/18/2023 07:39:00	5.8	5.9	0.1	0.02	0.10	0.08	0.7	NW
10/18/2023 07:40:00	5.7	6.1	0.4	0.02	0.10	0.08	0.7	WNW
10/18/2023 07:41:00	6.0	6.2	0.2	0.02	0.09	0.07	0.7	SW
10/18/2023 07:42:00	6.3	6.2	-0.1	0.02	0.10	0.07	0.7	SW
10/18/2023 07:43:00	6.5	6.2	-0.3	0.03	0.10	0.07	0.7	SSE
10/18/2023 07:44:00	6.6	6.5	-0.1	0.02	0.10	0.08	0.7	NW
10/18/2023 07:45:00	6.6	6.4	-0.2	0.02	0.11	0.08	0.6	NNE
10/18/2023 07:46:00	6.7	6.3	-0.4	0.02	0.11	0.09	0.7	NNW
10/18/2023 07:47:00	6.7	6.5	-0.2	0.02	0.11	0.09	0.7	SSE
10/18/2023 07:48:00	6.8	6.5	-0.3	0.02	0.11	0.08	0.7	SE
10/18/2023 07:49:00	6.8	6.4	-0.3	0.02	0.11	0.09	0.7	NNW
10/18/2023 07:50:00	6.4	6.4	-0.1	0.02	0.11	0.09	0.7	SSE
10/18/2023 07:51:00	6.3	6.1	-0.2	0.02	0.08	0.06	0.7	E
10/18/2023 07:52:00	6.3	6.0	-0.2	0.02	0.06	0.04	0.7	ESE
10/18/2023 07:53:00	6.2	6.1	-0.1	0.02	0.03	0.00	0.7	SSE
10/18/2023 07:54:00	6.1	6.2	0.1	0.03	0.02	0.00	0.7	SSE
10/18/2023 07:55:00	6.2	6.2	0.0	0.03	0.02	0.00	0.7	SSE
10/18/2023 07:56:00	6.0	6.2	0.1	0.03	0.03	0.00	0.8	E
10/18/2023 07:57:00	5.8	6.3	0.5	0.03	0.02	0.00	0.8	S
10/18/2023 07:58:00	5.7	6.4	0.6	0.02	0.03	0.01	0.8	E
10/18/2023 07:59:00	5.8	6.2	0.4	0.02	0.02	0.00	0.8	SSE
10/18/2023 08:00:00	5.8	6.3	0.5	0.02	0.02	-0.01	0.8	S
10/18/2023 08:01:00	6.0	6.3	0.3	0.02	0.01	-0.01	0.8	SE
10/18/2023 08:02:00	6.0	6.3	0.3	0.02	0.02	0.00	0.8	NW
10/18/2023 08:03:00	6.0	6.3	0.3	0.02	0.02	0.00	0.8	SSE
10/18/2023 08:04:00	6.0	6.5	0.4	0.02	0.01	-0.01	0.8	WSW
10/18/2023 08:05:00	6.2	6.5	0.4	0.02	0.01	0.00	0.8	NW
10/18/2023 08:06:00	6.2	6.7	0.5	0.02	0.01	-0.01	0.7	SSW
10/18/2023 08:07:00	6.5	6.7	0.3	0.02	0.01	-0.01	0.7	NW
10/18/2023 08:08:00	6.6	6.8	0.1	0.02	0.01	0.00	0.7	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 08:09:00	6.7	6.8	0.1	0.01	0.01	0.00	0.7	SSE
10/18/2023 08:10:00	6.9	6.8	0.0	0.01	0.01	0.00	0.7	ESE
10/18/2023 08:11:00	7.0	6.9	-0.1	0.01	0.01	0.00	0.7	N
10/18/2023 08:12:00	7.0	6.8	-0.3	0.01	0.02	0.01	0.7	E
10/18/2023 08:13:00	7.0	6.9	-0.1	0.01	0.01	0.00	0.7	S
10/18/2023 08:14:00	7.1	6.9	-0.2	0.01	0.01	0.01	0.6	NNW
10/18/2023 08:15:00	7.1	6.9	-0.2	0.01	0.01	0.01	0.6	S
10/18/2023 08:16:00	7.0	7.0	0.0	0.01	0.01	0.00	0.6	SE
10/18/2023 08:17:00	7.1	7.0	-0.1	0.01	0.01	0.00	0.6	ESE
10/18/2023 08:18:00	7.2	7.0	-0.2	0.01	0.02	0.01	0.6	SE
10/18/2023 08:19:00	7.3	6.9	-0.4	0.01	0.02	0.01	0.6	ENE
10/18/2023 08:20:00	7.2	7.0	-0.2	0.01	0.02	0.01	0.7	S
10/18/2023 08:21:00	7.3	6.8	-0.5	0.01	0.02	0.01	0.7	NW
10/18/2023 08:22:00	7.9	6.7	-1.1	0.01	0.02	0.01	0.7	NW
10/18/2023 08:23:00	7.8	6.9	-0.9	0.01	0.02	0.01	0.7	WSW
10/18/2023 08:24:00	7.8	6.9	-0.9	0.01	0.02	0.01	0.7	SE
10/18/2023 08:25:00	7.7	6.9	-0.8	0.01	0.02	0.01	0.7	SSE
10/18/2023 08:26:00	7.6	6.9	-0.7	0.01	0.01	0.00	0.7	SSE
10/18/2023 08:27:00	7.6	6.9	-0.7	0.02	0.01	0.00	0.7	S
10/18/2023 08:28:00	7.7	6.8	-0.9	0.02	0.01	0.00	0.7	S
10/18/2023 08:29:00	7.6	6.8	-0.8	0.02	0.01	0.00	0.7	ENE
10/18/2023 08:30:00	7.7	6.8	-0.9	0.01	0.02	0.00	0.8	SE
10/18/2023 08:31:00	7.8	6.7	-1.1	0.01	0.02	0.00	0.8	SSE
10/18/2023 08:32:00	7.8	6.8	-1.0	0.02	0.01	0.00	0.8	SSW
10/18/2023 08:33:00	7.8	6.8	-0.9	0.02	0.01	0.00	0.8	E
10/18/2023 08:34:00	7.7	6.8	-0.9	0.02	0.01	-0.01	0.7	SSW
10/18/2023 08:35:00	7.8	6.8	-0.9	0.02	0.01	-0.01	0.7	SSE
10/18/2023 08:36:00	7.7	7.0	-0.8	0.02	0.01	-0.01	0.7	SSW
10/18/2023 08:37:00	7.0	7.0	0.0	0.02	0.01	-0.01	0.7	N
10/18/2023 08:38:00	7.1	6.9	-0.2	0.02	0.01	-0.01	0.7	SE
10/18/2023 08:39:00	7.1	6.9	-0.2	0.02	0.01	-0.01	0.7	NW
10/18/2023 08:40:00	7.1	6.9	-0.2	0.02	0.01	-0.01	0.7	S
10/18/2023 08:41:00	7.1	7.0	-0.2	0.02	0.01	-0.01	0.7	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
10/18/2023 08:42:00	7.1	7.0	-0.1	0.02	0.01	-0.01	0.7	SE
10/18/2023 08:43:00	7.0	7.0	0.0	0.02	0.01	0.00	0.7	E
10/18/2023 08:44:00	7.1	7.0	-0.1	0.02	0.01	0.00	0.7	ESE
10/18/2023 08:45:00	7.1	7.1	-0.1	0.02	0.01	0.00	0.7	NE
10/18/2023 08:46:00	7.1	7.1	0.0	0.02	0.01	0.00	0.7	WNW
10/18/2023 08:47:00	7.0	7.1	0.1	0.02	0.01	0.00	0.7	SSE
10/18/2023 08:48:00	7.2	7.1	-0.1	0.02	0.01	0.00	0.7	NE
10/18/2023 08:49:00	7.2	7.2	0.0	0.02	0.01	0.00	0.7	SE
10/18/2023 08:50:00	7.2	7.3	0.1	0.02	0.01	-0.01	0.7	SSE
10/18/2023 08:51:00	7.2	8.8	1.6	0.02	0.01	-0.01	0.7	SSE
10/18/2023 08:52:00	7.4	8.8	1.4	0.02	0.01	-0.01	0.7	NNW
10/18/2023 08:53:00	7.4	8.8	1.4	0.02	0.01	0.00	0.7	ENE
10/18/2023 08:54:00	7.6	8.8	1.2	0.02	0.01	0.00	0.7	SE
10/18/2023 08:55:00	7.6	9.0	1.4	0.02	0.01	0.00	0.7	SE
10/18/2023 08:56:00	7.6	9.1	1.5	0.02	0.01	0.00	0.7	SSE
10/18/2023 08:57:00	7.7	9.2	1.5	0.02	0.01	0.00	0.7	WSW
10/18/2023 08:58:00	7.9	9.4	1.6	0.02	0.01	-0.01	0.7	SE
10/18/2023 08:59:00	7.9	9.5	1.6	0.02	0.01	-0.01	0.7	NE
10/18/2023 09:00:00	8.1	9.7	1.6	0.02	0.01	-0.01	0.7	SE
10/18/2023 09:01:00	8.3	9.8	1.5	0.02	0.01	-0.01	0.7	ESE
10/18/2023 09:02:00	8.5	9.9	1.4	0.02	0.01	0.00	0.7	E
10/18/2023 09:03:00	8.7	10.1	1.5	0.02	0.01	0.00	0.7	NW
10/18/2023 09:04:00	9.0	10.4	1.4	0.02	0.01	0.00	0.7	SSW
10/18/2023 09:05:00	9.4	10.6	1.1	0.02	0.01	0.00	0.7	SSE
10/18/2023 09:06:00	9.7	9.2	-0.5	0.02	0.01	0.00	0.7	SSW
10/18/2023 09:07:00	9.5	9.3	-0.2	0.02	0.01	0.00	0.7	SE
10/18/2023 09:08:00	9.6	9.5	-0.1	0.02	0.01	-0.01	0.7	SSE
10/18/2023 09:09:00	9.5	9.6	0.1	0.02	0.01	-0.01	0.7	SSE
10/18/2023 09:10:00	9.6	9.5	-0.1	0.02	0.01	-0.01	0.7	ENE
10/18/2023 09:11:00	9.7	9.4	-0.3	0.02	0.01	0.00	0.7	NNW
10/18/2023 09:12:00	9.7	9.4	-0.3	0.01	0.01	0.00	0.7	SSW
10/18/2023 09:13:00	9.7	9.3	-0.4	0.01	0.02	0.00	0.8	N
10/18/2023 09:14:00	9.5	9.2	-0.3	0.01	0.01	0.00	0.8	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
10/18/2023 09:15:00	9.4	9.1	-0.3	0.01	0.01	0.00	0.8	W
10/18/2023 09:16:00	9.2	9.0	-0.2	0.01	0.01	0.00	0.8	WNW
10/18/2023 09:17:00	9.0	8.9	-0.1	0.01	0.01	-0.01	0.8	NNW
10/18/2023 09:18:00	8.8	8.7	-0.1	0.01	0.01	-0.01	0.8	NW
10/18/2023 09:19:00	8.5	8.3	-0.1	0.01	0.01	0.00	0.8	NW
10/18/2023 09:20:00	8.0	8.0	0.0	0.01	0.01	0.00	0.8	WNW
10/18/2023 09:21:00	7.7	14.1	6.4	0.01	0.01	0.00	0.8	WNW
10/18/2023 09:22:00	7.5	15.7	8.2	0.01	0.01	-0.01	0.9	WNW
10/18/2023 09:23:00	7.4	16.1	8.7	0.01	0.01	-0.01	0.9	NW
10/18/2023 09:24:00	7.3	16.6	9.3	0.01	0.01	-0.01	0.9	NW
10/18/2023 09:25:00	9.5	16.6	7.0	0.01	0.01	-0.01	0.9	E
10/18/2023 09:26:00	9.4	17.6	8.2	0.01	0.01	-0.01	1.0	W
10/18/2023 09:27:00	10.6	17.5	6.8	0.01	0.01	-0.01	1.0	NNE
10/18/2023 09:28:00	10.5	18.4	7.9	0.01	0.01	-0.01	1.0	NW
10/18/2023 09:29:00	10.7	18.4	7.7	0.01	0.01	-0.01	1.0	SW
10/18/2023 09:30:00	10.8	18.4	7.6	0.01	0.01	-0.01	1.0	WSW
10/18/2023 09:31:00	10.8	18.3	7.5	0.01	0.01	-0.01	1.0	SSE
10/18/2023 09:32:00	10.8	18.3	7.5	0.01	0.01	-0.01	1.0	NNE
10/18/2023 09:33:00	10.8	18.4	7.5	0.01	0.01	-0.01	1.0	ENE
10/18/2023 09:34:00	10.9	18.4	7.5	0.01	0.01	-0.01	1.0	NNW
10/18/2023 09:35:00	11.2	18.4	7.2	0.01	0.01	0.00	1.0	NW
10/18/2023 09:36:00	11.3	12.3	1.0	0.01	0.01	0.00	1.1	WNW
10/18/2023 09:37:00	11.2	10.9	-0.3	0.01	0.01	0.00	1.1	WNW
10/18/2023 09:38:00	11.6	10.4	-1.3	0.01	0.01	0.00	1.0	NW
10/18/2023 09:39:00	11.8	10.1	-1.7	0.01	0.01	0.00	1.0	WNW
10/18/2023 09:40:00	9.5	10.6	1.1	0.01	0.01	0.00	1.1	WNW
10/18/2023 09:41:00	9.6	9.5	-0.1	0.01	0.01	0.00	1.1	NW
10/18/2023 09:42:00	8.3	9.6	1.3	0.01	0.01	0.00	1.1	NNW
10/18/2023 09:43:00	8.3	9.0	0.8	0.01	0.01	0.00	1.1	WNW
10/18/2023 09:44:00	8.0	9.6	1.6	0.01	0.01	0.00	1.2	WNW
10/18/2023 09:45:00	8.0	9.7	1.8	0.01	0.01	0.00	1.3	NW
10/18/2023 09:46:00	8.2	10.1	1.9	0.01	0.01	0.00	1.3	NW
10/18/2023 09:47:00	8.4	10.3	1.8	0.01	0.01	0.00	1.3	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 09:48:00	8.9	10.3	1.4	0.01	0.01	-0.01	1.3	SSE
10/18/2023 09:49:00	9.2	11.0	1.8	0.01	0.01	-0.01	1.3	S
10/18/2023 09:50:00	9.4	11.5	2.2	0.02	0.01	-0.01	1.3	WNW
10/18/2023 09:51:00	9.7	11.6	1.9	0.01	0.01	-0.01	1.3	NNW
10/18/2023 09:52:00	9.8	11.3	1.5	0.01	0.01	-0.01	1.3	NW
10/18/2023 09:53:00	9.4	11.5	2.1	0.02	0.01	-0.01	1.3	WNW
10/18/2023 09:54:00	9.5	11.4	1.9	0.02	0.00	-0.01	1.4	WNW
10/18/2023 09:55:00	10.4	11.1	0.6	0.02	0.00	-0.01	1.4	NW
10/18/2023 09:56:00	10.7	12.4	1.7	0.01	0.01	-0.01	1.4	NW
10/18/2023 09:57:00	11.3	12.5	1.3	0.02	0.00	-0.01	1.4	NW
10/18/2023 09:58:00	11.3	12.3	1.0	0.02	0.01	-0.01	1.3	NNW
10/18/2023 09:59:00	11.4	11.9	0.5	0.01	0.01	-0.01	1.3	NNW
10/18/2023 10:00:00	11.4	12.0	0.6	0.01	0.01	-0.01	1.2	NNW
10/18/2023 10:01:00	12.4	11.9	-0.5	0.01	0.01	-0.01	1.2	WNW
10/18/2023 10:02:00	12.6	13.7	1.1	0.01	0.01	-0.01	1.2	NNW
10/18/2023 10:03:00	12.2	14.2	1.9	0.01	0.01	0.00	1.2	NW
10/18/2023 10:04:00	11.9	13.8	1.8	0.01	0.01	0.00	1.2	ENE
10/18/2023 10:05:00	11.7	13.4	1.7	0.01	0.01	0.00	1.1	NW
10/18/2023 10:06:00	11.4	13.4	2.0	0.01	0.01	0.00	1.2	NW
10/18/2023 10:07:00	11.4	13.3	1.9	0.01	0.01	0.00	1.1	NNW
10/18/2023 10:08:00	11.4	13.1	1.7	0.01	0.01	0.00	1.0	NW
10/18/2023 10:09:00	11.3	12.9	1.6	0.01	0.01	0.00	1.0	WNW
10/18/2023 10:10:00	10.3	12.8	2.5	0.01	0.01	0.00	1.0	NW
10/18/2023 10:11:00	10.1	11.5	1.4	0.01	0.01	0.00	1.0	NW
10/18/2023 10:12:00	9.6	11.5	2.0	0.01	0.01	0.00	1.0	SSW
10/18/2023 10:13:00	9.6	11.4	1.9	0.01	0.01	0.00	0.9	NNW
10/18/2023 10:14:00	9.6	11.4	1.8	0.01	0.01	0.00	0.9	NNW
10/18/2023 10:15:00	9.5	11.2	1.8	0.01	0.01	0.00	1.0	NNW
10/18/2023 10:16:00	8.4	11.1	2.6	0.01	0.01	0.00	1.0	NW
10/18/2023 10:17:00	8.1	9.2	1.1	0.01	0.01	0.00	1.0	NW
10/18/2023 10:18:00	8.1	8.8	0.6	0.01	0.01	0.00	1.0	NW
10/18/2023 10:19:00	8.2	8.6	0.4	0.01	0.01	-0.01	1.1	WNW
10/18/2023 10:20:00	8.2	8.4	0.2	0.01	0.01	-0.01	1.1	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 10:21:00	8.3	8.4	0.1	0.01	0.01	-0.01	1.1	WNW
10/18/2023 10:22:00	8.3	8.5	0.2	0.01	0.00	-0.01	1.1	NW
10/18/2023 10:23:00	8.4	8.7	0.3	0.01	0.00	-0.01	1.2	WNW
10/18/2023 10:24:00	8.5	8.8	0.3	0.01	0.00	-0.01	1.1	W
10/18/2023 10:25:00	8.6	8.9	0.2	0.01	0.00	-0.01	1.2	WNW
10/18/2023 10:26:00	8.8	8.9	0.1	0.01	0.00	-0.01	1.2	NW
10/18/2023 10:27:00	8.8	9.0	0.2	0.01	0.01	-0.01	1.2	N
10/18/2023 10:28:00	9.0	9.0	0.1	0.01	0.00	-0.01	1.2	WNW
10/18/2023 10:29:00	9.0	8.9	0.0	0.01	0.00	-0.01	1.2	NW
10/18/2023 10:30:00	8.9	9.4	0.4	0.01	0.00	-0.01	1.2	NNW
10/18/2023 10:31:00	8.8	9.5	0.7	0.01	0.00	-0.01	1.1	NE
10/18/2023 10:32:00	8.8	9.8	1.0	0.01	0.00	-0.01	1.1	NNW
10/18/2023 10:33:00	8.7	10.2	1.5	0.01	0.01	-0.01	1.1	NW
10/18/2023 10:34:00	8.9	10.2	1.2	0.01	0.01	-0.01	1.1	WNW
10/18/2023 10:35:00	9.1	10.2	1.1	0.01	0.01	-0.01	1.2	WNW
10/18/2023 10:36:00	9.2	10.2	1.1	0.01	0.01	-0.01	1.2	WNW
10/18/2023 10:37:00	9.3	10.2	0.9	0.01	0.01	-0.01	1.2	WNW
10/18/2023 10:38:00	9.5	10.0	0.5	0.01	0.01	-0.01	1.2	WNW
10/18/2023 10:39:00	9.5	10.3	0.8	0.01	0.01	0.00	1.2	NNW
10/18/2023 10:40:00	9.5	10.5	1.0	0.01	0.01	0.00	1.2	NNW
10/18/2023 10:41:00	9.4	10.8	1.4	0.01	0.01	0.00	1.2	NW
10/18/2023 10:42:00	9.6	10.7	1.1	0.01	0.01	0.00	1.2	NW
10/18/2023 10:43:00	9.6	11.0	1.4	0.01	0.01	0.00	1.2	NNE
10/18/2023 10:44:00	9.6	11.1	1.6	0.01	0.01	0.00	1.2	SE
10/18/2023 10:45:00	9.8	11.4	1.6	0.01	0.01	0.00	1.2	W
10/18/2023 10:46:00	9.9	13.9	4.0	0.01	0.01	0.00	1.2	WNW
10/18/2023 10:47:00	10.0	14.2	4.2	0.01	0.01	-0.01	1.2	SSW
10/18/2023 10:48:00	10.0	13.9	3.9	0.01	0.01	-0.01	1.2	SSE
10/18/2023 10:49:00	9.7	14.0	4.3	0.01	0.01	-0.01	1.2	NNW
10/18/2023 10:50:00	9.8	14.7	4.8	0.01	0.01	0.00	1.2	NNE
10/18/2023 10:51:00	10.5	16.0	5.5	0.01	0.01	0.00	1.1	E
10/18/2023 10:52:00	10.5	18.6	8.2	0.01	0.01	0.00	1.1	ESE
10/18/2023 10:53:00	11.4	18.7	7.3	0.01	0.01	0.00	1.1	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
10/18/2023 10:54:00	11.4	19.3	7.8	0.01	0.01	0.00	1.1	SE
10/18/2023 10:55:00	11.5	20.0	8.5	0.01	0.01	0.00	1.2	SE
10/18/2023 10:56:00	11.8	19.9	8.1	0.01	0.01	0.00	1.1	SSE
10/18/2023 10:57:00	11.6	20.0	8.3	0.01	0.01	0.00	1.1	ESE
10/18/2023 10:58:00				0.01	0.01	0.00	1.1	WNW
10/18/2023 10:59:00				0.01	0.01	0.00	1.1	SSE
10/18/2023 11:00:00				0.01	0.01	0.00	1.1	SSE
10/18/2023 11:01:00	7.3	13.1	5.8	0.01	0.01	0.00	1.1	W
10/18/2023 11:02:00	7.3	11.4	4.0	0.01	0.01	0.00	1.2	WNW
10/18/2023 11:03:00	7.2	10.5	3.4	0.01	0.01	0.00	1.2	WNW
10/18/2023 11:04:00	7.7	9.6	1.9	0.01	0.01	0.00	1.1	NW
10/18/2023 11:05:00	7.6	9.4	1.8	0.01	0.01	0.00	1.2	WNW
10/18/2023 11:06:00	7.5	9.3	1.8	0.01	0.01	0.00	1.2	WNW
10/18/2023 11:07:00	7.7	9.3	1.6	0.01	0.00	-0.01	1.2	WNW
10/18/2023 11:08:00	8.0	9.3	1.4	0.01	0.00	-0.01	1.1	WNW
10/18/2023 11:09:00	8.2	9.5	1.4	0.01	0.00	-0.01	1.1	N
10/18/2023 11:10:00	8.3	9.7	1.4	0.01	0.00	-0.01	1.1	NNW
10/18/2023 11:11:00	8.4	9.6	1.2	0.01	0.00	-0.01	1.1	W
10/18/2023 11:12:00	8.4	9.6	1.2	0.01	0.00	-0.01	1.1	SE
10/18/2023 11:13:00	8.4	9.7	1.3	0.01	0.00	-0.01	1.1	SSE
10/18/2023 11:14:00	8.5	10.0	1.5	0.01	0.00	-0.01	1.1	SE
10/18/2023 11:15:00	9.4	10.1	0.6	0.01	0.00	-0.01	1.1	SSW
10/18/2023 11:16:00	9.7	9.8	0.2	0.01	0.01	-0.01	1.1	ENE
10/18/2023 11:17:00	9.8	9.8	-0.1	0.01	0.01	-0.01	1.1	NNE
10/18/2023 11:18:00	10.4	9.9	-0.5	0.01	0.01	-0.01	1.1	WNW
10/18/2023 11:19:00	12.7	10.2	-2.6	0.01	0.01	-0.01	1.1	NW
10/18/2023 11:20:00	13.9	10.3	-3.6	0.01	0.01	-0.01	1.1	NW
10/18/2023 11:21:00	15.3	10.4	-4.9	0.01	0.01	-0.01	1.0	NW
10/18/2023 11:22:00	16.2	10.4	-5.8	0.01	0.01	-0.01	1.0	NW
10/18/2023 11:23:00	16.6	10.6	-6.0	0.01	0.01	-0.01	1.0	S
10/18/2023 11:24:00	16.9	10.9	-6.0	0.01	0.01	-0.01	1.1	SE
10/18/2023 11:25:00	17.3	11.2	-6.1	0.01	0.01	-0.01	1.1	SSE
10/18/2023 11:26:00	17.6	11.3	-6.3	0.01	0.01	-0.01	1.1	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 11:27:00	17.8	12.4	-5.5	0.01	0.01	-0.01	1.1	E
10/18/2023 11:28:00	18.0	13.3	-4.8	0.01	0.01	-0.01	1.1	N
10/18/2023 11:29:00	18.2	13.4	-4.8	0.01	0.01	0.00	1.1	ESE
10/18/2023 11:30:00	17.7	14.4	-3.2	0.01	0.01	-0.01	1.1	S
10/18/2023 11:31:00	18.4	14.8	-3.6	0.01	0.01	0.00	1.1	NE
10/18/2023 11:32:00	19.2	15.3	-3.9	0.01	0.01	0.00	1.1	NNE
10/18/2023 11:33:00	19.1	15.5	-3.6	0.01	0.01	0.00	1.1	SE
10/18/2023 11:34:00	16.9	15.5	-1.4	0.01	0.01	0.00	1.1	SSW
10/18/2023 11:35:00	16.0	15.5	-0.5	0.01	0.01	0.00	1.1	WNW
10/18/2023 11:36:00	15.0	15.4	0.5	0.01	0.01	0.00	1.1	NW
10/18/2023 11:37:00	14.1	15.3	1.2	0.01	0.01	0.00	1.1	NW
10/18/2023 11:38:00	13.7	15.0	1.3	0.01	0.01	0.00	1.1	NW
10/18/2023 11:39:00	13.3	14.5	1.2	0.01	0.01	0.00	1.1	SW
10/18/2023 11:40:00	12.9	14.2	1.3	0.01	0.01	0.00	1.1	WNW
10/18/2023 11:41:00	12.6	14.1	1.5	0.01	0.01	0.01	1.0	NNW
10/18/2023 11:42:00	12.3	13.1	0.8	0.01	0.01	0.00	1.1	WNW
10/18/2023 11:43:00	12.1	11.9	-0.2	0.01	0.01	0.00	1.1	NW
10/18/2023 11:44:00	11.8	11.3	-0.6	0.01	0.01	0.00	1.0	NNW
10/18/2023 11:45:00	11.9	10.1	-1.8	0.01	0.01	0.00	1.1	WNW
10/18/2023 11:46:00	11.6	9.6	-2.0	0.01	0.01	0.00	1.1	NW
10/18/2023 11:47:00	10.8	9.6	-1.2	0.01	0.00	0.00	1.1	NW
10/18/2023 11:48:00	10.5	12.4	1.9	0.01	0.00	0.00	1.1	NNW
10/18/2023 11:49:00	10.3	17.8	7.5	0.00	0.01	0.00	1.1	NE
10/18/2023 11:50:00	10.1	20.4	10.2	0.00	0.01	0.00	1.0	ENE
10/18/2023 11:51:00	9.8	23.0	13.2	0.00	0.01	0.01	1.0	N
10/18/2023 11:52:00	9.8	26.3	16.5	0.00	0.01	0.01	0.9	ESE
10/18/2023 11:53:00	9.8	28.2	18.4	0.00	0.01	0.01	0.9	NE
10/18/2023 11:54:00	9.8	29.5	19.8	0.00	0.01	0.01	0.9	ENE
10/18/2023 11:55:00	9.8	31.4	21.6	0.00	0.01	0.01	1.0	ENE
10/18/2023 11:56:00	9.8	33.1	23.3	0.00	0.01	0.01	1.0	ESE
10/18/2023 11:57:00	11.8	33.0	21.2	0.00	0.01	0.01	1.0	SE
10/18/2023 11:58:00	11.8	34.5	22.7	0.00	0.01	0.01	0.9	ESE
10/18/2023 11:59:00	11.9	35.8	23.9	0.00	0.01	0.01	0.9	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 12:00:00	11.8	36.2	24.5	0.00	0.01	0.01	1.0	SE
10/18/2023 12:01:00	12.1	36.3	24.2	0.00	0.01	0.01	1.0	SE
10/18/2023 12:02:00	12.3	35.9	23.7	0.00	0.01	0.01	1.0	SSE
10/18/2023 12:03:00	12.4	32.7	20.3	0.00	0.01	0.01	1.0	SE
10/18/2023 12:04:00	12.7	27.3	14.6	0.00	0.01	0.01	1.0	ESE
10/18/2023 12:05:00	12.9	25.4	12.5	0.00	0.01	0.01	1.1	SE
10/18/2023 12:06:00	13.4	22.7	9.3	0.00	0.01	0.00	1.0	SSE
10/18/2023 12:07:00	13.6	19.6	6.0	0.00	0.01	0.00	1.0	SE
10/18/2023 12:08:00	14.3	17.8	3.6	0.00	0.01	0.00	1.1	SSE
10/18/2023 12:09:00	14.4	17.2	2.9	0.00	0.00	0.00	1.1	NNE
10/18/2023 12:10:00	14.7	15.8	1.1	0.00	0.00	0.00	1.1	NW
10/18/2023 12:11:00	14.6	14.7	0.1	0.00	0.00	0.00	1.0	NNE
10/18/2023 12:12:00	12.8	16.1	3.3	0.00	0.00	0.00	1.0	NE
10/18/2023 12:13:00	12.8	16.0	3.2	0.00	0.00	0.00	1.0	SE
10/18/2023 12:14:00	13.7	15.0	1.4	0.00	0.00	0.00	1.1	SSE
10/18/2023 12:15:00	13.9	14.9	0.9	0.00	0.00	0.00	1.0	WSW
10/18/2023 12:16:00	13.1	15.1	2.0	0.00	0.00	0.00	1.0	NNW
10/18/2023 12:17:00	13.3	14.9	1.7	0.00	0.00	0.00	1.0	S
10/18/2023 12:18:00	13.0	15.1	2.1	0.00	0.00	0.00	0.9	ESE
10/18/2023 12:19:00	12.8	14.9	2.1	0.00	0.00	0.00	0.9	SE
10/18/2023 12:20:00	12.5	13.9	1.5	0.00	0.00	0.00	0.9	SE
10/18/2023 12:21:00	11.9	13.8	1.9	0.00	0.00	0.00	0.9	SSE
10/18/2023 12:22:00	11.4	13.6	2.2	0.00	0.00	0.00	0.9	ESE
10/18/2023 12:23:00	10.6	13.4	2.8	0.00	0.00	0.00	0.9	ESE
10/18/2023 12:24:00	10.2	12.4	2.2	0.00	0.00	0.00	1.0	SE
10/18/2023 12:25:00	9.6	11.7	2.1	0.00	0.00	0.00	1.0	S
10/18/2023 12:26:00	9.3	10.7	1.4	0.00	0.00	0.00	1.0	SE
10/18/2023 12:27:00	9.0	9.3	0.3	0.00	0.00	0.00	1.0	E
10/18/2023 12:28:00	8.8	8.6	-0.2	0.00	0.00	0.00	1.0	SE
10/18/2023 12:29:00	7.7	8.3	0.5	0.00	0.00	0.00	1.0	SE
10/18/2023 12:30:00	7.2	7.8	0.6	0.00	0.00	0.00	1.0	SSE
10/18/2023 12:31:00	7.0	7.4	0.4	0.00	0.00	0.00	1.1	N
10/18/2023 12:32:00	6.5	7.3	0.8	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
10/18/2023 12:33:00	6.4	7.1	0.7	0.00	0.00	0.00	1.1	ESE
10/18/2023 12:34:00	6.3	7.1	0.8	0.00	0.00	0.00	1.1	SE
10/18/2023 12:35:00	6.2	7.2	1.0	0.00	0.00	0.00	1.1	SE
10/18/2023 12:36:00	6.2	7.6	1.5	0.00	0.00	0.00	1.1	ESE
10/18/2023 12:37:00	6.3	8.1	1.9	0.00	0.00	0.00	1.1	ESE
10/18/2023 12:38:00	6.4	8.4	2.1	0.00	0.01	0.00	1.0	NE
10/18/2023 12:39:00	6.5	9.3	2.8	0.00	0.01	0.01	1.0	NNE
10/18/2023 12:40:00	6.7	10.1	3.3	0.00	0.01	0.01	1.0	NNW
10/18/2023 12:41:00	6.8	10.7	3.9	0.00	0.01	0.01	1.0	ENE
10/18/2023 12:42:00	6.9	11.7	4.7	0.00	0.01	0.01	0.9	ENE
10/18/2023 12:43:00	7.0	11.2	4.2	0.00	0.01	0.01	0.9	SE
10/18/2023 12:44:00	6.9	12.0	5.1	0.00	0.01	0.01	0.9	SE
10/18/2023 12:45:00	6.8	12.2	5.4	0.00	0.01	0.01	0.9	ESE
10/18/2023 12:46:00	6.9	12.1	5.3	0.00	0.01	0.01	1.0	SE
10/18/2023 12:47:00	7.0	12.1	5.1	0.00	0.01	0.01	1.0	NNW
10/18/2023 12:48:00	7.1	12.0	4.9	0.00	0.01	0.01	1.0	NNE
10/18/2023 12:49:00	7.2	12.2	5.0	0.00	0.01	0.01	1.0	NW
10/18/2023 12:50:00	7.3	12.5	5.1	0.00	0.01	0.01	1.0	NW
10/18/2023 12:51:00	7.9	12.1	4.3	0.00	0.01	0.01	1.0	WNW
10/18/2023 12:52:00	8.4	11.7	3.2	0.00	0.01	0.01	0.9	WSW
10/18/2023 12:53:00	9.6	11.6	2.0	0.00	0.01	0.00	0.9	WNW
10/18/2023 12:54:00	9.8	11.7	1.9	0.00	0.01	0.00	0.8	NW
10/18/2023 12:55:00	11.4	11.2	-0.2	0.01	0.01	0.00	0.8	NW
10/18/2023 12:56:00	12.4	10.8	-1.6	0.01	0.01	0.00	0.8	WNW
10/18/2023 12:57:00	12.5	9.7	-2.8	0.01	0.01	0.00	0.8	NNW
10/18/2023 12:58:00	12.7	9.4	-3.3	0.01	0.01	0.00	0.8	NNW
10/18/2023 12:59:00	12.9	8.5	-4.4	0.01	0.01	0.00	0.7	E
10/18/2023 13:00:00	12.9	8.6	-4.3	0.01	0.00	0.00	0.7	NW
10/18/2023 13:01:00	13.0	9.4	-3.5	0.01	0.00	0.00	0.6	N
10/18/2023 13:02:00	14.4	9.6	-4.9	0.01	0.00	0.00	0.6	WNW
10/18/2023 13:03:00	14.8	9.7	-5.1	0.01	0.00	-0.01	0.7	WNW
10/18/2023 13:04:00	14.8	9.7	-5.1	0.01	0.00	-0.01	0.7	NW
10/18/2023 13:05:00	14.6	9.5	-5.1	0.01	0.00	-0.01	0.7	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 13:06:00	14.1	9.3	-4.8	0.01	0.00	0.00	0.7	NW
10/18/2023 13:07:00	13.4	9.2	-4.2	0.01	0.00	0.00	0.7	NW
10/18/2023 13:08:00	12.0	9.1	-2.9	0.00	0.00	0.00	0.7	NW
10/18/2023 13:09:00	12.4	8.0	-4.3	0.00	0.00	0.00	0.7	NNW
10/18/2023 13:10:00	10.8	7.6	-3.2	0.00	0.00	0.00	0.7	NW
10/18/2023 13:11:00	9.8	7.3	-2.5	0.00	0.00	0.00	0.7	NW
10/18/2023 13:12:00	9.5	7.6	-1.9	0.00	0.00	0.00	0.7	NNW
10/18/2023 13:13:00	9.3	7.7	-1.6	0.00	0.00	0.00	0.7	NNW
10/18/2023 13:14:00	9.1	7.8	-1.2	0.00	0.00	0.00	0.8	S
10/18/2023 13:15:00	9.2	7.7	-1.6	0.00	0.00	0.00	0.8	NW
10/18/2023 13:16:00	9.2	7.7	-1.6	0.00	0.00	0.00	0.8	E
10/18/2023 13:17:00	7.7	9.1	1.4	0.00	0.00	0.00	0.7	NNW
10/18/2023 13:18:00	7.2	10.1	2.9	0.00	0.00	0.00	0.7	ESE
10/18/2023 13:19:00	8.9	10.0	1.1	0.00	0.00	0.00	0.6	NW
10/18/2023 13:20:00	10.8	9.8	-0.9	0.00	0.00	0.00	0.7	NW
10/18/2023 13:21:00	12.5	10.0	-2.5	0.00	0.00	0.00	0.7	NW
10/18/2023 13:22:00	13.6	10.0	-3.6	0.00	0.00	0.00	0.8	WNW
10/18/2023 13:23:00	14.5	9.8	-4.7	0.00	0.00	0.00	0.8	WNW
10/18/2023 13:24:00	14.5	10.0	-4.5	0.00	0.00	0.00	0.9	WNW
10/18/2023 13:25:00	14.3	10.3	-4.0	0.00	0.00	0.00	0.8	NW
10/18/2023 13:26:00	14.3	10.5	-3.8	0.00	0.00	0.00	0.8	NNW
10/18/2023 13:27:00	14.3	10.0	-4.3	0.00	0.01	0.01	0.8	NNW
10/18/2023 13:28:00	14.3	9.8	-4.5	0.00	0.01	0.01	0.8	NNW
10/18/2023 13:29:00	14.1	10.4	-3.6	0.00	0.01	0.01	0.8	WNW
10/18/2023 13:30:00	13.9	10.7	-3.2	0.00	0.01	0.01	0.8	SE
10/18/2023 13:31:00	13.8	10.1	-3.7	0.00	0.01	0.01	0.8	SE
10/18/2023 13:32:00	14.0	8.5	-5.5	0.00	0.01	0.01	0.9	SSE
10/18/2023 13:33:00	14.1	8.3	-5.8	0.00	0.01	0.01	0.9	E
10/18/2023 13:34:00	12.3	8.5	-3.8	0.00	0.01	0.01	0.9	SSE
10/18/2023 13:35:00	10.5	9.6	-1.0	0.00	0.01	0.01	0.9	ESE
10/18/2023 13:36:00	9.3	9.6	0.3	0.00	0.01	0.01	0.8	SSE
10/18/2023 13:37:00	8.6	9.7	1.1	0.00	0.01	0.01	0.7	ESE
10/18/2023 13:38:00	8.1	10.0	1.9	0.00	0.01	0.01	0.7	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 13:39:00	7.6	10.0	2.4	0.00	0.01	0.01	0.7	NW
10/18/2023 13:40:00	8.0	9.9	1.9	0.00	0.02	0.01	0.7	W
10/18/2023 13:41:00	8.1	10.1	2.0	0.00	0.02	0.01	0.7	NNW
10/18/2023 13:42:00	8.4	10.3	1.9	0.00	0.01	0.01	0.7	SSE
10/18/2023 13:43:00	8.3	11.2	2.9	0.00	0.01	0.00	0.7	E
10/18/2023 13:44:00	8.7	10.5	1.8	0.00	0.01	0.00	0.7	WNW
10/18/2023 13:45:00	9.1	10.2	1.1	0.00	0.01	0.01	0.7	WSW
10/18/2023 13:46:00	10.1	10.1	0.0	0.00	0.01	0.00	0.7	WNW
10/18/2023 13:47:00	10.2	10.0	-0.2	0.00	0.01	0.00	0.6	NW
10/18/2023 13:48:00	10.4	9.1	-1.4	0.00	0.01	0.00	0.7	SSE
10/18/2023 13:49:00	10.7	8.8	-1.9	0.00	0.01	0.00	0.7	SE
10/18/2023 13:50:00	10.6	8.3	-2.3	0.00	0.01	0.00	0.6	ENE
10/18/2023 13:51:00	11.4	8.2	-3.2	0.00	0.01	0.00	0.6	SSE
10/18/2023 13:52:00	11.1	8.6	-2.6	0.00	0.01	0.00	0.6	NW
10/18/2023 13:53:00	12.0	8.4	-3.5	0.00	0.01	0.00	0.6	WNW
10/18/2023 13:54:00	12.0	9.4	-2.6	0.00	0.01	0.01	0.6	NNW
10/18/2023 13:55:00	12.4	9.4	-3.0	0.00	0.00	0.00	0.6	WNW
10/18/2023 13:56:00	12.4	10.0	-2.4	0.00	0.00	0.00	0.6	NNW
10/18/2023 13:57:00	12.2	10.8	-1.5	0.00	0.00	0.00	0.7	NW
10/18/2023 13:58:00	12.2	10.5	-1.7	0.00	0.00	0.00	0.7	NW
10/18/2023 13:59:00	12.0	11.3	-0.7	0.00	0.01	0.00	0.7	NW
10/18/2023 14:00:00	11.7	12.0	0.3	0.00	0.01	0.01	0.7	NNW
10/18/2023 14:01:00	10.6	12.6	2.0	0.00	0.01	0.01	0.7	NNW
10/18/2023 14:02:00	10.2	13.1	2.9	0.00	0.01	0.01	0.8	NW
10/18/2023 14:03:00	9.9	14.2	4.3	0.00	0.01	0.01	0.8	NNW
10/18/2023 14:04:00	9.6	15.6	6.0	0.00	0.01	0.01	0.8	NNW
10/18/2023 14:05:00	10.8	14.9	4.1	0.00	0.01	0.01	0.8	SE
10/18/2023 14:06:00	9.4	16.2	6.9	0.00	0.01	0.01	0.9	SE
10/18/2023 14:07:00	10.9	15.7	4.8	0.00	0.01	0.01	0.9	SE
10/18/2023 14:08:00	9.8	16.7	6.9	0.00	0.01	0.01	1.0	SE
10/18/2023 14:09:00	11.0	15.7	4.8	0.01	0.01	0.01	1.0	SE
10/18/2023 14:10:00	11.6	15.6	4.0	0.01	0.01	0.01	1.1	SE
10/18/2023 14:11:00	11.4	15.8	4.4	0.01	0.01	0.01	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
10/18/2023 14:12:00	11.3	16.0	4.7	0.01	0.01	0.01	1.0	ESE
10/18/2023 14:13:00	13.8	15.3	1.5	0.01	0.01	0.01	1.1	SE
10/18/2023 14:14:00	16.0	14.5	-1.5	0.01	0.01	0.00	1.1	SE
10/18/2023 14:15:00	16.1	15.2	-0.9	0.01	0.01	0.00	1.1	ESE
10/18/2023 14:16:00	16.0	16.3	0.3	0.01	0.01	0.00	1.1	N
10/18/2023 14:17:00	16.0	19.3	3.4	0.01	0.01	0.00	1.1	NW
10/18/2023 14:18:00	19.1	18.2	-0.9	0.01	0.01	0.00	1.0	NW
10/18/2023 14:19:00	19.1	18.3	-0.8	0.01	0.01	0.00	1.0	NNE
10/18/2023 14:20:00	17.7	19.7	1.9	0.01	0.01	0.00	1.0	NE
10/18/2023 14:21:00	17.7	19.8	2.1	0.01	0.01	0.00	1.0	NNW
10/18/2023 14:22:00	16.1	20.8	4.7	0.01	0.01	0.01	1.0	E
10/18/2023 14:23:00	16.0	20.1	4.1	0.01	0.01	0.01	1.0	E
10/18/2023 14:24:00	14.6	20.8	6.2	0.00	0.01	0.01	0.9	NNW
10/18/2023 14:25:00	13.2	21.7	8.5	0.00	0.01	0.01	1.0	N
10/18/2023 14:26:00	13.4	22.3	8.9	0.00	0.01	0.01	0.9	NE
10/18/2023 14:27:00	15.0	21.3	6.3	0.00	0.01	0.01	0.9	WNW
10/18/2023 14:28:00	12.3	22.5	10.2	0.00	0.01	0.01	0.9	N
10/18/2023 14:29:00	11.6	22.5	10.9	0.00	0.01	0.01	0.9	SSW
10/18/2023 14:30:00	11.9	22.0	10.2	0.00	0.01	0.01	0.9	NNW
10/18/2023 14:31:00	12.1	21.4	9.3	0.00	0.01	0.01	0.9	NNW
10/18/2023 14:32:00	12.3	18.7	6.5	0.00	0.01	0.01	0.9	NW
10/18/2023 14:33:00	10.2	18.8	8.6	0.00	0.01	0.01	0.9	WNW
10/18/2023 14:34:00	12.0	17.4	5.4	0.00	0.01	0.01	0.9	NW
10/18/2023 14:35:00	12.2	18.0	5.8	0.00	0.01	0.01	1.0	NNW
10/18/2023 14:36:00	12.6	18.3	5.8	0.00	0.01	0.01	0.9	NNW
10/18/2023 14:37:00	12.8	22.5	9.8	0.00	0.01	0.01	0.9	NNW
10/18/2023 14:38:00	17.7	22.1	4.5	0.00	0.01	0.00	0.9	SSE
10/18/2023 14:39:00	17.8	22.8	5.0	0.00	0.01	0.01	0.9	SE
10/18/2023 14:40:00	18.1	24.2	6.1	0.00	0.01	0.01	0.9	NE
10/18/2023 14:41:00	18.3	28.7	10.4	0.00	0.01	0.00	0.9	ESE
10/18/2023 14:42:00	17.0	35.1	18.1	0.00	0.01	0.01	0.9	E
10/18/2023 14:43:00	17.3	38.3	21.0	0.00	0.01	0.01	0.9	SE
10/18/2023 14:44:00	18.3	38.5	20.2	0.00	0.01	0.01	0.9	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 14:45:00	19.4	37.7	18.3	0.00	0.01	0.01	0.9	W
10/18/2023 14:46:00	19.1	37.8	18.7	0.00	0.01	0.01	0.9	N
10/18/2023 14:47:00	19.1	37.5	18.4	0.00	0.01	0.01	0.9	NE
10/18/2023 14:48:00	18.1	37.9	19.8	0.00	0.01	0.01	0.9	NNW
10/18/2023 14:49:00	16.5	38.3	21.8	0.00	0.01	0.00	0.9	NNE
10/18/2023 14:50:00	16.4	37.0	20.6	0.00	0.01	0.00	0.8	E
10/18/2023 14:51:00	16.2	35.9	19.6	0.00	0.01	0.00	0.8	NW
10/18/2023 14:52:00	16.5	30.9	14.4	0.00	0.01	0.00	0.8	WNW
10/18/2023 14:53:00	11.9	31.7	19.8	0.00	0.01	0.00	0.8	NNW
10/18/2023 14:54:00	12.0	31.1	19.1	0.00	0.00	0.00	0.8	ESE
10/18/2023 14:55:00	12.0	30.1	18.1	0.00	0.00	0.00	0.8	ENE
10/18/2023 14:56:00				0.00	0.01	0.00	0.8	NNW
10/18/2023 14:57:00				0.00	0.01	0.00	0.8	NW
10/18/2023 14:58:00				0.00	0.00	0.00	0.9	NW
10/18/2023 14:59:00	10.3	27.4	17.1	0.00	0.00	0.00	0.9	NNW
10/18/2023 15:00:00	19.6	18.3	-1.4	0.00	0.00	0.00	0.9	S
10/18/2023 15:01:00	16.8	31.2	14.4	0.00	0.00	0.00	0.9	NNW
10/18/2023 15:02:00	29.1	26.4	-2.8	0.01	0.01	0.00	1.0	WNW
10/18/2023 15:03:00	36.5	22.7	-13.7	0.01	0.01	0.00	1.1	WNW
10/18/2023 15:04:00	37.4	20.1	-17.3	0.01	0.01	0.00	1.1	WNW
10/18/2023 15:05:00	35.6	18.1	-17.5	0.01	0.01	0.00	1.2	WNW
10/18/2023 15:06:00	31.9	21.6	-10.3	0.01	0.01	0.00	1.3	NW
10/18/2023 15:07:00	29.3	25.4	-3.9	0.01	0.01	0.00	1.3	ESE
10/18/2023 15:08:00	27.1	28.1	1.0	0.01	0.01	0.00	1.3	SE
10/18/2023 15:09:00	28.3	26.2	-2.0	0.01	0.01	0.00	1.3	S
10/18/2023 15:10:00	28.4	24.6	-3.8	0.01	0.01	-0.01	1.3	SE
10/18/2023 15:11:00	28.0	23.2	-4.8	0.01	0.01	-0.01	1.4	NW
10/18/2023 15:12:00	27.5	22.2	-5.3	0.01	0.01	-0.01	1.5	NW
10/18/2023 15:13:00	26.4	21.1	-5.3	0.02	0.01	-0.01	1.6	NW
10/18/2023 15:14:00	26.2	20.2	-5.9	0.02	0.01	-0.01	1.6	NW
10/18/2023 15:15:00	24.9	20.5	-4.4	0.02	0.01	-0.01	1.6	NW
10/18/2023 15:16:00	24.8	17.7	-7.1	0.01	0.01	0.00	1.7	NW
10/18/2023 15:17:00	20.9	17.6	-3.3	0.01	0.01	-0.01	1.6	NNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 15:18:00	17.3	17.7	0.4	0.01	0.01	0.00	1.6	NW
10/18/2023 15:19:00	15.4	17.8	2.4	0.01	0.01	0.00	1.6	NW
10/18/2023 15:20:00	14.6	17.9	3.3	0.01	0.01	0.00	1.6	WNW
10/18/2023 15:21:00	14.9	15.8	0.8	0.01	0.01	0.00	1.6	NW
10/18/2023 15:22:00	14.9	13.5	-1.4	0.01	0.01	0.00	1.6	NNW
10/18/2023 15:23:00	15.1	11.7	-3.4	0.01	0.01	-0.01	1.6	NW
10/18/2023 15:24:00	13.7	12.0	-1.8	0.01	0.01	-0.01	1.6	NW
10/18/2023 15:25:00	12.6	11.9	-0.7	0.01	0.01	-0.01	1.6	WNW
10/18/2023 15:26:00	11.9	11.8	-0.1	0.01	0.01	0.00	1.6	NW
10/18/2023 15:27:00	11.4	11.6	0.1	0.01	0.01	0.00	1.4	W
10/18/2023 15:28:00	11.7	11.5	-0.2	0.01	0.01	0.00	1.3	NW
10/18/2023 15:29:00	11.9	10.8	-1.1	0.01	0.00	0.00	1.3	NW
10/18/2023 15:30:00	11.7	10.2	-1.5	0.01	0.00	-0.01	1.3	NW
10/18/2023 15:31:00	11.5	9.5	-2.0	0.01	0.00	-0.01	1.3	NW
10/18/2023 15:32:00	11.3	9.0	-2.3	0.01	0.00	-0.01	1.2	W
10/18/2023 15:33:00	10.8	8.9	-1.9	0.01	0.00	-0.01	1.1	NW
10/18/2023 15:34:00	11.9	8.7	-3.2	0.01	0.00	-0.01	1.1	WNW
10/18/2023 15:35:00	12.6	8.4	-4.2	0.01	0.00	-0.01	1.0	W
10/18/2023 15:36:00	12.7	7.9	-4.8	0.01	0.00	-0.01	1.0	NW
10/18/2023 15:37:00	13.3	6.8	-6.5	0.01	0.00	-0.01	0.9	SE
10/18/2023 15:38:00	13.0	6.2	-6.8	0.00	0.00	0.00	0.9	ESE
10/18/2023 15:39:00	12.0	5.7	-6.4	0.00	0.00	0.00	0.8	NE
10/18/2023 15:40:00	12.1	5.6	-6.5	0.00	0.00	0.00	0.8	SE
10/18/2023 15:41:00	11.5	5.2	-6.3	0.00	0.00	0.00	0.7	ESE
10/18/2023 15:42:00	11.0	5.0	-6.0	0.00	0.00	0.00	0.7	E
10/18/2023 15:43:00	10.3	4.9	-5.5	0.00	0.00	0.00	0.7	NNE
10/18/2023 15:44:00	9.9	5.0	-4.9	0.00	0.00	0.00	0.6	NE
10/18/2023 15:45:00	9.7	5.3	-4.3	0.00	0.00	0.00	0.6	N
10/18/2023 15:46:00	10.5	5.4	-5.0	0.00	0.00	0.00	0.6	WNW
10/18/2023 15:47:00	10.3	5.5	-4.8	0.00	0.00	0.00	0.6	WNW
10/18/2023 15:48:00	10.0	5.3	-4.7	0.00	0.00	0.00	0.5	WNW
10/18/2023 15:49:00	8.1	5.4	-2.7	0.00	0.00	0.00	0.5	WNW
10/18/2023 15:50:00	6.7	5.4	-1.2	0.00	0.00	0.00	0.5	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
10/18/2023 15:51:00	6.3	6.2	-0.1	0.00	0.00	0.00	0.6	NW
10/18/2023 15:52:00	6.4	6.3	-0.1	0.00	0.00	0.00	0.7	WNW
10/18/2023 15:53:00	7.3	5.7	-1.6	0.00	0.00	0.00	0.7	WNW
10/18/2023 15:54:00	7.8	5.9	-2.0	0.00	0.01	0.01	0.7	WNW
10/18/2023 15:55:00	7.6	6.0	-1.6	0.00	0.01	0.01	0.7	SW
10/18/2023 15:56:00	7.6	7.5	-0.2	0.00	0.01	0.01	0.7	ESE
10/18/2023 15:57:00	7.8	7.8	0.0	0.00	0.01	0.01	0.7	SSE
10/18/2023 15:58:00	7.7	7.9	0.1	0.00	0.01	0.01	0.7	WNW
10/18/2023 15:59:00	7.9	7.8	-0.1	0.00	0.01	0.01	0.7	NW
10/18/2023 16:00:00	7.9	8.3	0.4	0.00	0.01	0.01	0.7	NNW
10/18/2023 16:01:00	8.8	8.3	-0.5	0.00	0.01	0.01	0.8	WNW
10/18/2023 16:02:00	9.4	8.2	-1.2	0.00	0.01	0.01	0.8	WNW
10/18/2023 16:03:00	10.1	8.2	-1.9	0.00	0.01	0.01	0.8	WNW
10/18/2023 16:04:00	11.2	8.1	-3.1	0.00	0.01	0.01	0.9	WNW
10/18/2023 16:05:00	11.2	8.5	-2.7	0.00	0.01	0.01	0.9	ESE
10/18/2023 16:06:00	11.3	8.1	-3.2	0.00	0.01	0.01	0.8	NNW
10/18/2023 16:07:00	10.4	8.0	-2.5	0.00	0.01	0.01	0.8	NW
10/18/2023 16:08:00	9.8	7.8	-2.0	0.00	0.00	0.00	0.8	WNW
10/18/2023 16:09:00	9.3	7.9	-1.4	0.00	0.00	0.00	0.9	NNW
10/18/2023 16:10:00	9.0	7.8	-1.3	0.00	0.00	0.00	0.9	NW
10/18/2023 16:11:00	9.0	6.5	-2.5	0.00	0.00	0.00	1.0	NW
10/18/2023 16:12:00	9.1	6.4	-2.6	0.00	0.00	0.00	1.1	WNW
10/18/2023 16:13:00	9.4	6.4	-3.0	0.00	0.00	0.00	1.2	NW
10/18/2023 16:14:00	9.4	6.3	-3.1	0.00	0.00	0.00	1.2	WNW
10/18/2023 16:15:00	9.5	5.6	-3.9	0.00	0.00	0.00	1.2	WNW
10/18/2023 16:16:00	7.7	5.8	-1.9	0.00	0.00	0.00	1.2	WNW
10/18/2023 16:17:00	7.2	5.8	-1.3	0.00	0.00	0.00	1.2	WSW
10/18/2023 16:18:00	7.2	6.4	-0.8	0.00	0.00	0.00	1.1	SSE
10/18/2023 16:19:00	6.5	7.0	0.6	0.00	0.00	0.00	1.1	SE
10/18/2023 16:20:00	6.5	9.5	3.0	0.00	0.00	0.00	1.0	NW
10/18/2023 16:21:00	6.5	10.8	4.3	0.00	0.00	0.00	1.1	WNW
10/18/2023 16:22:00	6.7	11.2	4.5	0.00	0.00	0.00	1.1	NNW
10/18/2023 16:23:00	7.7	11.4	3.7	0.00	0.00	0.00	1.0	WNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 16:24:00	8.1	11.3	3.3	0.00	0.00	0.00	1.0	WNW
10/18/2023 16:25:00	8.4	11.4	3.0	0.00	0.00	0.00	0.9	WNW
10/18/2023 16:26:00	9.3	11.6	2.3	0.00	0.00	0.00	0.9	WNW
10/18/2023 16:27:00	9.9	11.8	1.9	0.00	0.00	0.00	0.9	WNW
10/18/2023 16:28:00	9.8	11.8	2.0	0.00	0.00	0.00	0.9	SE
10/18/2023 16:29:00	9.3	11.9	2.6	0.00	0.00	0.00	0.9	WNW
10/18/2023 16:30:00	9.7	11.8	2.1	0.00	0.00	0.00	0.9	WNW
10/18/2023 16:31:00	9.6	11.8	2.2	0.00	0.00	0.00	0.9	NW
10/18/2023 16:32:00	9.3	11.8	2.5	0.00	0.00	0.00	0.9	NW
10/18/2023 16:33:00	8.9	11.5	2.6	0.00	0.00	0.00	0.9	NW
10/18/2023 16:34:00	10.4	10.8	0.5	0.00	0.00	0.00	1.0	WNW
10/18/2023 16:35:00	10.3	7.9	-2.4	0.00	0.00	0.00	1.0	NW
10/18/2023 16:36:00	10.2	5.9	-4.3	0.00	0.00	0.00	1.0	NW
10/18/2023 16:37:00	9.6	5.4	-4.2	0.00	0.00	0.00	1.1	NW
10/18/2023 16:38:00	8.0	5.2	-2.7	0.00	0.00	0.00	1.1	NW
10/18/2023 16:39:00	7.2	5.3	-1.9	0.00	0.00	0.00	1.1	NW
10/18/2023 16:40:00	7.1	4.9	-2.3	0.00	0.00	0.00	1.1	NW
10/18/2023 16:41:00	7.1	5.1	-2.1	0.00	0.00	0.00	1.0	WNW
10/18/2023 16:42:00	7.1	5.1	-2.0	0.00	0.00	0.00	1.0	NW
10/18/2023 16:43:00	7.1	5.7	-1.4	0.00	0.00	0.00	1.0	N
10/18/2023 16:44:00	7.8	5.7	-2.0	0.00	0.00	0.00	0.9	NW
10/18/2023 16:45:00	7.4	5.8	-1.6	0.00	0.00	0.00	0.8	WSW
10/18/2023 16:46:00	7.6	5.9	-1.7	0.00	0.00	0.00	0.8	SE
10/18/2023 16:47:00	8.3	5.8	-2.5	0.00	0.00	0.00	0.8	SW
10/18/2023 16:48:00	8.9	5.9	-3.1	0.00	0.00	0.00	0.8	WNW
10/18/2023 16:49:00	7.6	6.1	-1.4	0.00	0.00	0.00	0.8	NNW
10/18/2023 16:50:00	7.9	7.6	-0.3	0.00	0.00	0.00	0.8	NW
10/18/2023 16:51:00	12.4	8.0	-4.5	0.00	0.00	0.00	0.8	WNW
10/18/2023 16:52:00	20.1	8.2	-11.9	0.00	0.00	0.00	0.8	WNW
10/18/2023 16:53:00	25.0	8.3	-16.7	0.00	0.00	0.00	0.8	NW
10/18/2023 16:54:00	28.1	8.4	-19.7	0.00	0.00	0.00	0.9	W
10/18/2023 16:55:00	30.2	9.0	-21.2	0.00	0.00	0.00	0.9	NW
10/18/2023 16:56:00	31.6	8.8	-22.7	0.00	0.00	0.00	0.9	WSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
10/18/2023 16:57:00	30.8	11.7	-19.1	0.00	0.00	0.00	0.9	NNW
10/18/2023 16:58:00	32.7	11.3	-21.4	0.00	0.00	0.00	1.0	NW
10/18/2023 16:59:00	32.7	14.3	-18.5	0.00	0.00	0.00	1.0	NW
10/18/2023 17:00:00	35.1	14.3	-20.8	0.00	0.00	0.00	1.1	NW
10/18/2023 17:01:00	37.3	14.1	-23.2	0.00	0.00	0.00	1.1	NW
10/18/2023 17:02:00	39.0	14.1	-24.8	0.00	0.00	0.00	1.2	SW
10/18/2023 17:03:00	38.7	15.6	-23.1	0.00	0.00	0.00	1.2	NW
10/18/2023 17:04:00	40.0	15.4	-24.6	0.00	0.00	0.00	1.3	NW
10/18/2023 17:05:00	44.4	13.9	-30.4	0.00	0.00	0.00	1.3	NW
10/18/2023 17:06:00	40.0	17.2	-22.8	0.00	0.00	0.00	1.2	NNW
10/18/2023 17:07:00	33.9	17.3	-16.6	0.00	0.00	0.00	1.3	NW
10/18/2023 17:08:00	29.5	17.4	-12.1	0.00	0.00	0.00	1.4	NW
10/18/2023 17:09:00	27.6	17.2	-10.4	0.00	0.00	0.00	1.4	WNW
10/18/2023 17:10:00	25.9	16.9	-8.9	0.00	0.00	0.00	1.4	NW
10/18/2023 17:11:00	24.1	16.9	-7.3	0.00	0.00	0.00	1.4	NW
10/18/2023 17:12:00	24.0	14.3	-9.7	0.00	0.00	0.00	1.5	NW
10/18/2023 17:13:00	22.0	14.8	-7.2	0.00	0.00	0.00	1.4	NNW
10/18/2023 17:14:00	21.7	12.0	-9.7	0.00	0.00	0.00	1.5	NW
10/18/2023 17:15:00	19.1	11.9	-7.3	0.00	0.00	0.00	1.5	WNW
10/18/2023 17:16:00	16.9	12.0	-5.0	0.00	0.00	0.00	1.5	NW
10/18/2023 17:17:00	14.9	12.1	-2.8	0.00	0.00	0.00	1.6	NW
10/18/2023 17:18:00	14.8	10.3	-4.5	0.00	0.00	0.00	1.6	NW
10/18/2023 17:19:00	13.3	10.6	-2.7	0.00	0.00	0.00	1.6	NW
10/18/2023 17:20:00	8.9	10.5	1.6	0.00	0.00	0.00	1.6	NW
10/18/2023 17:21:00	8.9	7.0	-1.8	0.00	0.00	0.00	1.6	NNW
10/18/2023 17:22:00	7.6	6.8	-0.8	0.00	0.00	0.00	1.5	NW
10/18/2023 17:23:00	8.1	6.7	-1.4	0.00	0.00	0.00	1.5	NW
10/18/2023 17:24:00	7.8	6.7	-1.0	0.00	0.00	0.00	1.5	WNW
10/18/2023 17:25:00	7.1	7.1	0.0	0.00	0.00	0.00	1.5	NW
10/18/2023 17:26:00	6.8	7.1	0.2	0.00	0.00	0.00	1.5	NW
10/18/2023 17:27:00	6.6	6.7	0.1	0.00	0.00	0.00	1.4	NW
10/18/2023 17:28:00	6.6	5.7	-0.9	0.00	0.00	0.00	1.5	NNW
10/18/2023 17:29:00	6.6	5.3	-1.4	0.00	0.00	0.00	1.5	NW