

DAILY FIELD REPORT 012

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	June 21, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	7:00 am to 3:30 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

Langan Field Personnel:
Caitlyn Dempsey (Environmental)
Xianglei Zheng (Geotechnical)

Construction Manager: Consigli Construction Co., Inc. (Consigli)

Foundation Contractor: Urban Foundation/Engineering (Urban)

Work Activities Performed:

- Urban graded an about 20-foot-long by 20-foot-long area in the eastern part of waste characterization grid WC04 and the western part of waste characterization grid WC05.
- An odor suppressant (ATMOS Shield 645 Foam Concentrate) a mobile pneumatic foam deployment unit (NTC8) was delivered to the site for use during the cleaning, decommissioning, and removal of the 3,000-gallon closed-in-place underground storage tank (UST) and other excavation work as necessary.
- 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), including community air monitoring program (CAMP), dust suppression, and procedures related to the removal of the UST and off-site disposal of soil/fill with Langan, Consigli, and Urban.

Material Tracking:

- No soil/fill was exported from the site.
- 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	-	0	-	0	-	0
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	18	360	17	340	-	-	13	260

Samples Collected:

- No samples were collected.

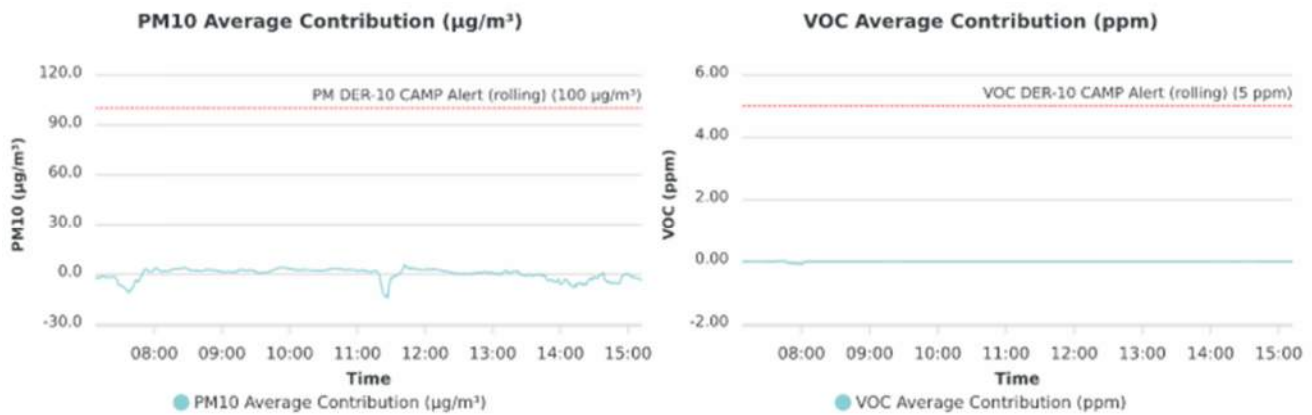
Air Monitoring:

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

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	6.7	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-14.3	VOC Average Site Contribution (Minimum)	-0.08
PM10 Average Site Contribution (Maximum)	5.6	VOC Average Site Contribution (Maximum)	0.02

µg/m³: micrograms per cubic meter.

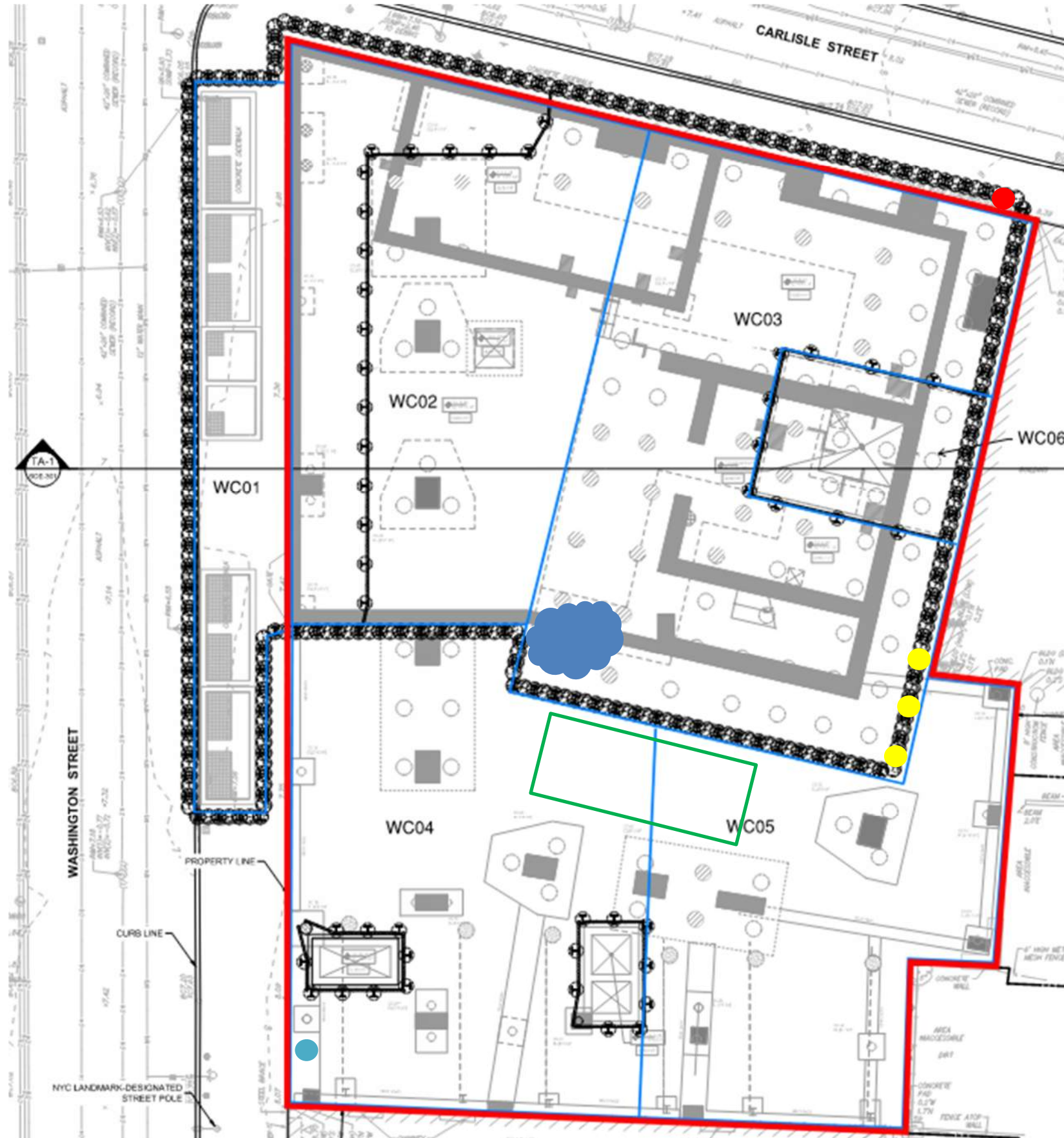
ppm: parts per million.













Planned Activities:

- Urban will continue installing soil-mix columns throughout the site
- Urban and Brookside Environmental will begin decommissioning, cleaning, and removal of the 3,000-gallon closed-in-place UST in the southern area of the 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**

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 using a hose for dust suppression during equipment movement (facing northeast).



Photo 2: Urban grading soil in WC04 and WC05 (facing northeast).



Photo 3: View odor suppressant foam delivered to the site for use during UST cleaning, decommissioning, and removal (facing west).

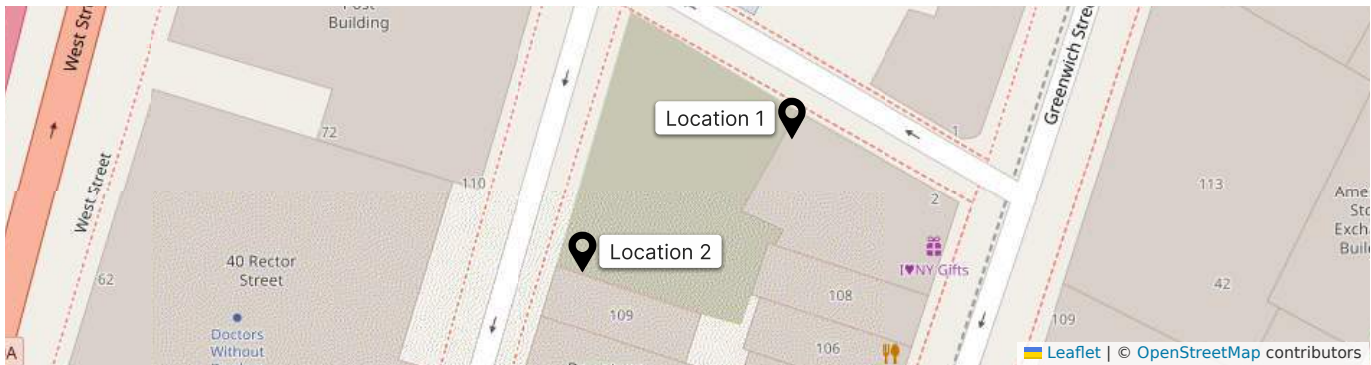


Photo 4: View of CAMP Station 2 in the southwestern part of the site (facing south).

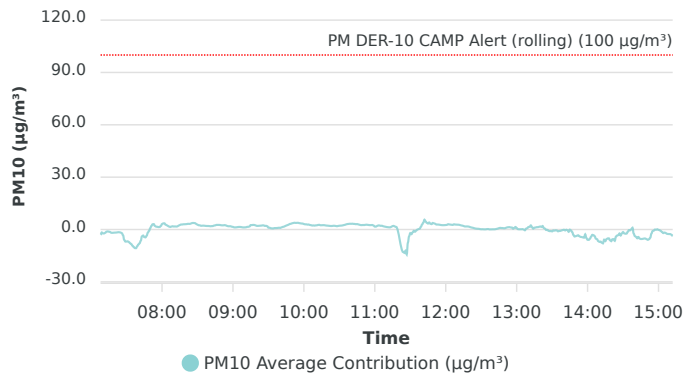


LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	6/21/2023 06:00
		To:	6/21/2023 18:00
		PM10 Action Level:	100 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm		

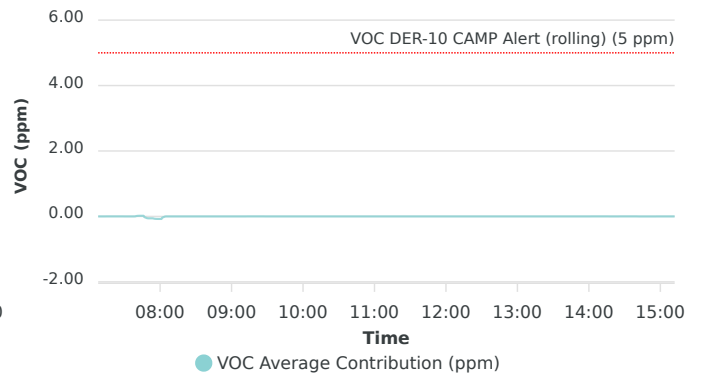
Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
6/21/2023	-	-	-	0.6-4.8	SE



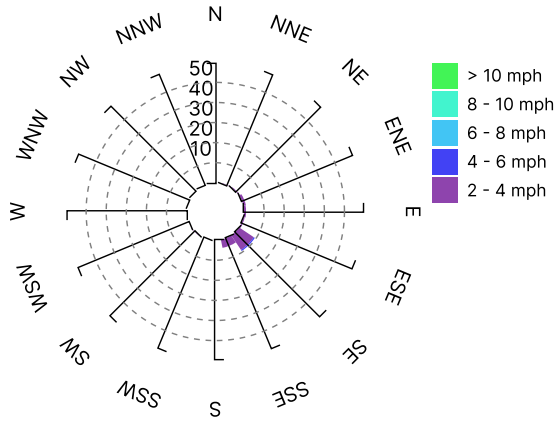
PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)



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
6/21/2023 07:08:00	6.7	3.7	-3.0	0.00	0.00	0.00	0.0	N
6/21/2023 07:09:00	5.2	3.5	-1.7	0.00	0.00	0.00	0.0	N
6/21/2023 07:10:00	5.4	3.2	-2.3	0.00	0.00	0.00	0.0	N
6/21/2023 07:11:00	5.3	3.1	-2.2	0.00	0.00	0.00	0.0	N
6/21/2023 07:12:00	5.1	3.2	-1.9	0.00	0.00	0.00	0.0	N
6/21/2023 07:13:00	4.9	3.7	-1.3	0.00	0.00	0.00	0.0	N
6/21/2023 07:14:00	4.7	3.5	-1.1	0.00	0.00	0.00	0.0	N
6/21/2023 07:15:00	4.7	3.5	-1.2	0.00	0.00	0.00	0.0	N
6/21/2023 07:16:00	4.8	3.4	-1.4	0.00	0.00	0.00	0.0	N
6/21/2023 07:17:00	5.2	3.4	-1.9	0.00	0.00	0.00	0.0	N
6/21/2023 07:18:00	5.3	3.4	-1.9	0.00	0.00	0.00	0.0	N
6/21/2023 07:19:00	5.2	3.3	-1.8	0.00	0.00	0.00	0.0	N
6/21/2023 07:20:00	5.0	3.3	-1.8	0.00	0.00	0.00	0.0	N
6/21/2023 07:21:00	5.1	3.3	-1.8	0.00	0.00	0.00	0.0	N
6/21/2023 07:22:00	5.0	3.4	-1.7	0.00	0.00	0.00	0.0	N
6/21/2023 07:23:00	4.9	3.3	-1.5	0.00	0.00	0.00	0.0	N
6/21/2023 07:24:00	5.0	3.4	-1.6	0.00	0.00	0.00	0.0	N
6/21/2023 07:25:00	5.3	3.5	-1.8	0.00	0.00	0.00	0.0	N
6/21/2023 07:26:00	5.6	3.5	-2.1	0.00	0.00	0.00	0.0	N
6/21/2023 07:27:00	7.0	3.7	-3.3	0.00	0.00	0.00	0.0	N
6/21/2023 07:28:00	10.2	4.2	-6.0	0.00	0.00	0.00	0.0	N
6/21/2023 07:29:00	11.3	4.3	-6.9	0.00	0.00	0.00	0.0	N
6/21/2023 07:30:00	11.5	4.7	-6.9	0.00	0.00	0.00	0.0	N
6/21/2023 07:31:00	11.7	4.9	-6.8	0.00	0.00	0.00	0.0	N
6/21/2023 07:32:00	12.3	5.1	-7.2	0.00	0.00	0.00	0.0	N
6/21/2023 07:33:00	13.0	5.1	-7.9	0.00	0.00	0.00	0.0	N
6/21/2023 07:34:00	13.6	5.2	-8.4	0.00	0.00	0.00	0.0	N
6/21/2023 07:35:00	14.8	5.4	-9.3	0.00	0.00	0.00	0.0	N
6/21/2023 07:36:00	15.6	5.6	-10.0	0.00	0.00	0.00	0.0	N
6/21/2023 07:37:00	16.3	5.6	-10.7	0.00	0.00	0.00	0.0	N
6/21/2023 07:38:00	16.5	5.7	-10.7	0.00	0.00	0.00	0.0	N
6/21/2023 07:39:00	16.5	6.9	-9.6	0.00	0.00	0.00	0.0	N

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 07:40:00	16.1	7.5	-8.6	0.00	0.01	0.01	0.0	N
6/21/2023 07:41:00	15.6	7.7	-7.9	0.00	0.02	0.02	0.0	N
6/21/2023 07:42:00	14.2	7.8	-6.4	0.00	0.02	0.02	0.0	N
6/21/2023 07:43:00	11.2	7.2	-3.9	0.00	0.02	0.02	0.0	N
6/21/2023 07:44:00	10.7	7.2	-3.5	0.00	0.02	0.02	0.0	N
6/21/2023 07:45:00	11.4	7.1	-4.3	0.00	0.02	0.02	0.0	N
6/21/2023 07:46:00	11.4	6.8	-4.5	0.00	0.02	0.02	0.0	N
6/21/2023 07:47:00	10.5	7.0	-3.6	0.04	0.02	-0.02	0.0	N
6/21/2023 07:48:00	9.8	8.0	-1.8	0.06	0.02	-0.04	0.0	N
6/21/2023 07:49:00	9.3	8.5	-0.8	0.07	0.02	-0.05	0.0	N
6/21/2023 07:50:00	8.2	8.9	0.8	0.08	0.02	-0.06	0.0	N
6/21/2023 07:51:00	7.3	9.3	2.0	0.08	0.02	-0.06	0.0	N
6/21/2023 07:52:00	6.6	9.6	3.0	0.08	0.02	-0.06	0.0	N
6/21/2023 07:53:00	7.0	10.1	3.1	0.08	0.02	-0.06	0.0	N
6/21/2023 07:54:00	7.2	9.2	2.0	0.08	0.02	-0.06	0.0	N
6/21/2023 07:55:00	7.2	8.8	1.6	0.08	0.01	-0.07	0.0	N
6/21/2023 07:56:00	7.2	8.8	1.6	0.08	0.00	-0.07	0.0	N
6/21/2023 07:57:00	7.2	8.6	1.4	0.08	0.00	-0.08	0.0	N
6/21/2023 07:58:00	7.1	8.6	1.4	0.08	0.00	-0.08	0.0	N
6/21/2023 07:59:00	6.6	8.6	2.0	0.08	0.00	-0.08	0.0	N
6/21/2023 08:00:00	5.6	8.7	3.1	0.08	0.00	-0.08	0.0	N
6/21/2023 08:01:00	5.5	9.0	3.5	0.08	0.00	-0.08	0.0	N
6/21/2023 08:02:00	5.3	8.9	3.5	0.03	0.00	-0.04	0.0	N
6/21/2023 08:03:00	5.2	8.0	2.8	0.02	0.00	-0.02	0.0	N
6/21/2023 08:04:00	5.1	7.6	2.5	0.01	0.00	-0.01	0.0	N
6/21/2023 08:05:00	5.1	7.1	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:06:00	5.1	6.7	1.6	0.00	0.00	0.00	0.0	N
6/21/2023 08:07:00	5.0	6.4	1.5	0.00	0.00	0.00	0.0	N
6/21/2023 08:08:00	4.3	6.0	1.7	0.00	0.00	0.00	0.0	N
6/21/2023 08:09:00	4.1	6.0	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 08:10:00	4.1	5.8	1.7	0.00	0.00	0.00	0.0	N
6/21/2023 08:11:00	4.0	5.7	1.8	0.00	0.00	0.00	0.0	N
6/21/2023 08:12:00	4.0	5.6	1.7	0.00	0.00	0.00	0.0	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
6/21/2023 08:13:00	3.9	5.7	1.8	0.00	0.00	0.00	0.0	N
6/21/2023 08:14:00	3.8	6.0	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 08:15:00	3.7	6.3	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 08:16:00	3.6	6.4	2.9	0.00	0.00	0.00	0.0	N
6/21/2023 08:17:00	3.5	6.4	2.9	0.00	0.00	0.00	0.0	N
6/21/2023 08:18:00	3.5	6.5	3.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:19:00	3.5	6.5	3.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:20:00	3.5	6.5	3.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:21:00	3.4	6.6	3.1	0.00	0.00	0.00	0.0	N
6/21/2023 08:22:00	3.4	6.7	3.3	0.00	0.00	0.00	0.0	N
6/21/2023 08:23:00	3.5	6.7	3.2	0.00	0.00	0.00	0.0	N
6/21/2023 08:24:00	3.4	6.7	3.3	0.00	0.00	0.00	0.0	N
6/21/2023 08:25:00	3.4	7.0	3.6	0.00	0.00	0.00	0.0	N
6/21/2023 08:26:00	3.4	7.1	3.8	0.00	0.00	0.00	0.0	N
6/21/2023 08:27:00	3.3	7.1	3.7	0.00	0.00	0.00	0.0	N
6/21/2023 08:28:00	3.3	7.0	3.6	0.00	0.00	0.00	0.0	N
6/21/2023 08:29:00	3.3	6.5	3.1	0.00	0.00	0.00	0.0	N
6/21/2023 08:30:00	3.3	6.1	2.8	0.00	0.00	0.00	0.0	N
6/21/2023 08:31:00	3.3	5.8	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 08:32:00	3.3	5.7	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 08:33:00	3.3	5.4	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 08:34:00	3.3	5.4	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 08:35:00	3.2	5.5	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 08:36:00	3.2	5.4	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 08:37:00	3.2	5.2	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:38:00	3.1	5.1	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:39:00	3.1	5.1	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:40:00	3.1	5.1	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:41:00	3.1	4.9	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 08:42:00	3.1	5.0	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 08:43:00	3.0	5.0	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:44:00	3.0	5.3	2.3	0.00	0.00	0.00	0.0	N
6/21/2023 08:45:00	3.0	5.4	2.4	0.00	0.00	0.00	0.0	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
6/21/2023 08:46:00	3.0	5.6	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 08:47:00	3.0	5.6	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 08:48:00	3.0	5.6	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 08:49:00	3.0	5.6	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 08:50:00	3.0	5.4	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 08:51:00	3.0	5.3	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 08:52:00	3.0	5.4	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 08:53:00	2.9	5.5	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 08:54:00	2.9	5.3	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 08:55:00	2.9	5.0	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 08:56:00	3.0	4.8	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 08:57:00	3.0	4.8	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 08:58:00	3.0	4.8	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 08:59:00	3.0	4.6	1.6	0.00	0.00	0.00	0.0	N
6/21/2023 09:00:00	3.0	4.5	1.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:01:00	3.0	4.2	1.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:02:00	3.0	4.2	1.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:03:00	3.1	4.3	1.3	0.00	0.00	0.00	0.0	N
6/21/2023 09:04:00	3.1	4.5	1.4	0.00	0.00	0.00	0.0	N
6/21/2023 09:05:00	3.2	4.6	1.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:06:00	3.2	4.7	1.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:07:00	3.2	4.6	1.4	0.00	0.00	0.00	0.0	N
6/21/2023 09:08:00	3.2	4.4	1.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:09:00	3.2	4.4	1.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:10:00	3.3	4.5	1.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:11:00	3.3	4.5	1.3	0.00	0.00	0.00	0.0	N
6/21/2023 09:12:00	3.3	4.8	1.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:13:00	3.3	4.8	1.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:14:00	3.3	5.1	1.8	0.00	0.00	0.00	0.0	N
6/21/2023 09:15:00	3.5	6.0	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:16:00	3.6	6.1	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:17:00	3.7	6.3	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 09:18:00	3.7	6.3	2.6	0.00	0.00	0.00	0.0	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
6/21/2023 09:19:00	3.7	6.1	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 09:20:00	3.9	6.0	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 09:21:00	4.0	6.1	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 09:22:00	4.0	6.2	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 09:23:00	4.1	6.2	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:24:00	4.1	6.3	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:25:00	4.1	6.4	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 09:26:00	4.1	6.5	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 09:27:00	4.2	6.3	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 09:28:00	4.2	6.3	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 09:29:00	4.2	6.1	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 09:30:00	4.1	5.1	1.1	0.00	0.00	0.00	0.0	N
6/21/2023 09:31:00	4.0	5.0	1.0	0.00	0.00	0.00	0.0	N
6/21/2023 09:32:00	4.1	4.9	0.7	0.00	0.00	0.00	0.0	N
6/21/2023 09:33:00	4.2	4.9	0.7	0.00	0.00	0.00	0.0	N
6/21/2023 09:34:00	4.3	4.9	0.6	0.00	0.00	0.00	0.0	N
6/21/2023 09:35:00	4.2	5.0	0.8	0.00	0.00	0.00	0.0	N
6/21/2023 09:36:00	4.2	5.0	0.8	0.00	0.00	0.00	0.0	N
6/21/2023 09:37:00	4.2	5.0	0.8	0.00	0.00	0.00	0.0	N
6/21/2023 09:38:00	4.3	5.2	0.9	0.00	0.00	0.00	0.0	N
6/21/2023 09:39:00	4.3	5.3	1.0	0.00	0.00	0.00	0.0	N
6/21/2023 09:40:00	4.4	5.3	0.9	0.00	0.00	0.00	0.0	N
6/21/2023 09:41:00	4.4	5.6	1.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:42:00	4.4	5.9	1.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:43:00	4.4	6.0	1.6	0.00	0.00	0.00	0.0	N
6/21/2023 09:44:00	4.4	6.3	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 09:45:00	4.4	6.6	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:46:00	4.4	6.9	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:47:00	4.2	6.9	2.8	0.00	0.00	0.00	0.0	N
6/21/2023 09:48:00	4.1	7.3	3.2	0.00	0.00	0.00	0.0	N
6/21/2023 09:49:00	4.0	7.3	3.3	0.00	0.00	0.00	0.0	N
6/21/2023 09:50:00	3.9	7.5	3.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:51:00	3.9	7.6	3.7	0.00	0.00	0.00	0.0	N

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 09:52:00	3.8	7.7	3.9	0.00	0.00	0.00	0.0	N
6/21/2023 09:53:00	3.8	7.6	3.8	0.00	0.00	0.00	0.0	N
6/21/2023 09:54:00	3.8	7.6	3.8	0.00	0.00	0.00	0.0	N
6/21/2023 09:55:00	3.7	7.5	3.9	0.00	0.00	0.00	0.0	N
6/21/2023 09:56:00	3.6	7.3	3.7	0.00	0.00	0.00	0.0	N
6/21/2023 09:57:00	3.6	7.2	3.5	0.00	0.00	0.00	0.0	N
6/21/2023 09:58:00	3.6	7.0	3.4	0.00	0.00	0.00	0.0	N
6/21/2023 09:59:00	3.6	7.0	3.4	0.00	0.00	0.00	0.0	N
6/21/2023 10:00:00	3.6	6.7	3.1	0.00	0.00	0.00	0.0	N
6/21/2023 10:01:00	3.6	6.5	3.0	0.00	0.00	0.00	0.0	N
6/21/2023 10:02:00	3.6	6.5	3.0	0.00	0.00	0.00	0.0	N
6/21/2023 10:03:00	3.6	6.3	2.8	0.00	0.00	0.00	0.0	N
6/21/2023 10:04:00	3.5	6.4	2.9	0.00	0.00	0.00	0.0	N
6/21/2023 10:05:00	3.5	6.1	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 10:06:00	3.4	5.9	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 10:07:00	3.4	5.7	2.3	0.00	0.00	0.00	0.0	N
6/21/2023 10:08:00	3.4	5.8	2.3	0.00	0.00	0.00	0.0	N
6/21/2023 10:09:00	3.4	5.6	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 10:10:00	3.4	5.7	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 10:11:00	3.4	5.8	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 10:12:00	3.4	6.0	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 10:13:00	3.4	6.1	2.7	0.00	0.00	0.00	0.0	N
6/21/2023 10:14:00	3.4	5.8	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 10:15:00	3.4	5.9	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 10:16:00	3.4	5.9	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 10:17:00	3.5	6.0	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 10:18:00	3.5	5.9	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 10:19:00	3.5	5.8	2.3	0.00	0.00	0.00	0.0	N
6/21/2023 10:20:00	3.6	5.8	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 10:21:00	3.6	5.8	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 10:22:00	3.6	5.7	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 10:23:00	3.6	5.6	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 10:24:00	3.6	5.7	2.0	0.00	0.00	0.00	0.0	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
6/21/2023 10:25:00	3.6	5.8	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 10:26:00	3.6	5.7	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 10:27:00	3.7	5.7	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 10:28:00	3.8	5.6	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 10:29:00	3.8	5.8	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 10:30:00	3.8	5.9	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 10:31:00	3.8	6.1	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 10:32:00	3.9	6.1	2.3	0.00	0.00	0.00	0.0	N
6/21/2023 10:33:00	3.9	6.2	2.4	0.00	0.00	0.00	0.0	N
6/21/2023 10:34:00	3.8	6.4	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 10:35:00	3.8	6.5	2.7	0.00	0.00	0.00	0.0	N
6/21/2023 10:36:00	3.8	6.8	3.0	0.00	0.00	0.00	0.0	N
6/21/2023 10:37:00	4.0	7.1	3.1	0.00	0.00	0.00	0.0	N
6/21/2023 10:38:00	4.0	7.2	3.2	0.00	0.00	0.00	0.0	N
6/21/2023 10:39:00	4.1	7.4	3.3	0.00	0.00	0.00	0.0	N
6/21/2023 10:40:00	4.1	7.3	3.3	0.00	0.00	0.00	0.0	N
6/21/2023 10:41:00	4.1	7.4	3.3	0.00	0.00	0.00	0.0	N
6/21/2023 10:42:00	4.1	7.3	3.2	0.00	0.00	0.00	0.0	N
6/21/2023 10:43:00	4.0	7.2	3.2	0.00	0.00	0.00	0.0	N
6/21/2023 10:44:00	4.0	7.0	3.0	0.00	0.00	0.00	0.0	N
6/21/2023 10:45:00	4.0	7.1	3.1	0.00	0.00	0.00	0.0	N
6/21/2023 10:46:00	4.0	6.9	2.9	0.00	0.00	0.00	0.0	N
6/21/2023 10:47:00	4.0	6.7	2.7	0.00	0.00	0.00	0.0	N
6/21/2023 10:48:00	4.1	6.6	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 10:49:00	4.1	6.7	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 10:50:00	4.2	6.7	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 10:51:00	4.1	6.7	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 10:52:00	4.0	6.7	2.7	0.00	0.00	0.00	0.0	N
6/21/2023 10:53:00	4.0	6.8	2.8	0.00	0.00	0.00	0.0	N
6/21/2023 10:54:00	4.0	6.6	2.7	0.00	0.00	0.00	0.0	N
6/21/2023 10:55:00	4.0	6.6	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 10:56:00	4.0	6.5	2.5	0.00	0.00	0.00	0.0	N
6/21/2023 10:57:00	4.0	6.6	2.5	0.00	0.00	0.00	0.0	N

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 10:58:00	4.0	6.6	2.6	0.00	0.00	0.00	0.0	N
6/21/2023 10:59:00	4.0	6.2	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 11:00:00	4.0	5.7	1.7	0.00	0.00	0.00	0.0	N
6/21/2023 11:01:00	4.0	5.6	1.7	0.00	0.00	0.00	0.0	N
6/21/2023 11:02:00	3.7	5.7	2.0	0.00	0.00	0.00	0.0	N
6/21/2023 11:03:00	3.4	5.7	2.3	0.00	0.00	0.00	0.0	N
6/21/2023 11:04:00	3.4	5.7	2.3	0.00	0.00	0.00	0.0	N
6/21/2023 11:05:00	3.4	5.5	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 11:06:00	3.4	5.6	2.2	0.00	0.00	0.00	0.0	N
6/21/2023 11:07:00	3.5	5.4	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 11:08:00	3.5	5.2	1.7	0.00	0.00	0.00	0.0	N
6/21/2023 11:09:00	3.5	5.1	1.6	0.00	0.00	0.00	0.0	N
6/21/2023 11:10:00	3.5	4.9	1.4	0.00	0.00	0.00	0.0	N
6/21/2023 11:11:00	3.5	4.9	1.3	0.00	0.00	0.00	0.0	N
6/21/2023 11:12:00	3.6	4.8	1.3	0.00	0.00	0.00	0.0	N
6/21/2023 11:13:00	3.6	4.8	1.2	0.00	0.00	0.00	0.0	N
6/21/2023 11:14:00	3.6	5.2	1.6	0.00	0.00	0.00	0.0	N
6/21/2023 11:15:00	3.6	5.6	1.9	0.00	0.00	0.00	0.0	N
6/21/2023 11:16:00	3.6	5.7	2.1	0.00	0.00	0.00	0.0	N
6/21/2023 11:17:00	3.9	5.6	1.7	0.00	0.00	0.00	0.0	N
6/21/2023 11:18:00	4.2	5.7	1.5	0.00	0.00	0.00	0.0	N
6/21/2023 11:24:00	12.9	0.0	-12.9	0.00	0.00	0.00	2.1	ESE
6/21/2023 11:25:00	13.4	0.0	-13.4	0.00	0.00	0.00	1.9	SE
6/21/2023 11:26:00	12.2	0.0	-12.2	0.00	0.00	0.00	1.8	SSE
6/21/2023 11:27:00	17.3	3.1	-14.3	0.00	0.00	0.00	1.7	SSE
6/21/2023 11:28:00	15.7	8.2	-7.5	0.00	0.00	0.00	1.7	E
6/21/2023 11:29:00	14.6	10.7	-3.9	0.00	0.00	0.00	1.7	SE
6/21/2023 11:30:00	13.9	11.8	-2.1	0.00	0.00	0.00	1.7	SE
6/21/2023 11:31:00	14.2	11.5	-2.7	0.00	0.00	0.00	1.7	SSE
6/21/2023 11:32:00	13.5	11.9	-1.6	0.00	0.00	0.00	1.7	SE
6/21/2023 11:33:00	12.9	12.1	-0.8	0.00	0.00	0.00	1.8	SE
6/21/2023 11:34:00	13.0	11.7	-1.3	0.00	0.00	0.00	1.9	SSE
6/21/2023 11:35:00	12.5	11.9	-0.6	0.00	0.00	0.00	2.0	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 11:36:00	12.1	12.0	-0.1	0.00	0.00	0.00	2.0	SSE
6/21/2023 11:37:00	11.8	12.0	0.2	0.00	0.00	0.00	2.0	E
6/21/2023 11:38:00	11.5	11.9	0.5	0.00	0.00	0.00	2.0	SSE
6/21/2023 11:39:00	11.1	12.7	1.6	0.00	0.00	0.00	2.0	SE
6/21/2023 11:40:00	10.7	13.5	2.9	0.00	0.00	0.00	2.0	SE
6/21/2023 11:41:00	10.5	14.4	3.9	0.00	0.00	0.00	2.1	SE
6/21/2023 11:42:00	8.7	14.3	5.6	0.00	0.00	0.00	2.2	SE
6/21/2023 11:43:00	8.6	13.1	4.6	0.00	0.00	0.00	2.3	SE
6/21/2023 11:44:00	8.5	12.3	3.8	0.00	0.00	0.00	2.6	SE
6/21/2023 11:45:00	8.3	11.7	3.4	0.00	0.00	0.00	2.7	SE
6/21/2023 11:46:00	7.7	11.8	4.0	0.00	0.00	0.00	2.7	SE
6/21/2023 11:47:00	7.9	11.2	3.3	0.00	0.00	0.00	2.7	SSE
6/21/2023 11:48:00	7.9	11.0	3.1	0.00	0.00	0.00	2.8	SE
6/21/2023 11:49:00	7.4	11.1	3.8	0.00	0.00	0.00	2.8	SE
6/21/2023 11:50:00	7.3	10.8	3.5	0.00	0.00	0.00	2.8	SE
6/21/2023 11:51:00	7.2	10.5	3.3	0.00	0.00	0.00	2.8	SE
6/21/2023 11:52:00	7.3	10.2	2.9	0.00	0.00	0.00	2.8	SSE
6/21/2023 11:53:00	7.3	10.1	2.9	0.00	0.00	0.00	2.9	SSE
6/21/2023 11:54:00	7.2	10.1	2.8	0.00	0.00	0.00	3.0	SE
6/21/2023 11:55:00	7.2	9.9	2.7	0.00	0.00	0.00	3.1	SE
6/21/2023 11:56:00	7.2	9.7	2.5	0.00	0.00	0.00	3.0	SE
6/21/2023 11:57:00	7.2	9.7	2.5	0.00	0.00	0.00	3.1	SE
6/21/2023 11:58:00	7.1	9.6	2.5	0.00	0.00	0.00	3.1	SSE
6/21/2023 11:59:00	7.1	9.6	2.5	0.00	0.00	0.00	2.9	SSE
6/21/2023 12:00:00	7.0	9.5	2.6	0.00	0.00	0.00	2.8	SSE
6/21/2023 12:01:00	6.9	9.5	2.6	0.00	0.00	0.00	2.8	SE
6/21/2023 12:02:00	6.7	9.7	3.0	0.00	0.00	0.00	2.8	SE
6/21/2023 12:03:00	6.7	9.6	2.9	0.00	0.00	0.00	2.8	SSE
6/21/2023 12:04:00	6.7	9.5	2.8	0.00	0.00	0.00	2.8	ESE
6/21/2023 12:05:00	6.7	9.4	2.7	0.00	0.00	0.00	2.8	SE
6/21/2023 12:06:00	6.8	9.4	2.6	0.00	0.00	0.00	2.7	SE
6/21/2023 12:07:00	6.6	9.6	3.0	0.00	0.00	0.00	2.6	SSE
6/21/2023 12:08:00	6.7	9.5	2.8	0.00	0.00	0.00	2.5	SE

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 12:09:00	6.6	9.4	2.8	0.00	0.00	0.00	2.5	SE
6/21/2023 12:10:00	6.6	9.4	2.8	0.00	0.00	0.00	2.6	SE
6/21/2023 12:11:00	6.6	9.3	2.7	0.00	0.00	0.00	2.7	SE
6/21/2023 12:12:00	6.6	9.2	2.6	0.00	0.00	0.00	2.7	SE
6/21/2023 12:13:00	6.9	9.2	2.4	0.00	0.00	0.00	2.7	SSE
6/21/2023 12:14:00	7.0	9.2	2.2	0.00	0.00	0.00	2.8	SE
6/21/2023 12:15:00	7.1	9.2	2.0	0.00	0.00	0.00	2.8	SE
6/21/2023 12:16:00	7.3	9.1	1.8	0.00	0.00	0.00	2.8	SE
6/21/2023 12:17:00	7.3	9.0	1.7	0.00	0.00	0.00	2.9	SSE
6/21/2023 12:18:00	7.3	9.1	1.8	0.00	0.00	0.00	2.8	SSE
6/21/2023 12:19:00	7.4	9.1	1.7	0.00	0.00	0.00	2.8	SSE
6/21/2023 12:20:00	7.6	9.2	1.6	0.00	0.00	0.00	2.7	SE
6/21/2023 12:21:00	7.8	9.1	1.3	0.00	0.00	0.00	2.8	SE
6/21/2023 12:22:00	7.9	9.1	1.1	0.00	0.00	0.00	2.9	SE
6/21/2023 12:23:00	8.0	8.9	1.0	0.00	0.00	0.00	2.9	SSE
6/21/2023 12:24:00	8.0	8.8	0.8	0.00	0.00	0.00	2.8	SSE
6/21/2023 12:25:00	8.0	8.6	0.6	0.00	0.00	0.00	2.6	SE
6/21/2023 12:26:00	8.1	8.5	0.5	0.00	0.00	0.00	2.6	SSE
6/21/2023 12:27:00	8.0	8.4	0.4	0.00	0.00	0.00	2.4	SE
6/21/2023 12:28:00	7.9	8.3	0.4	0.00	0.00	0.00	2.4	SSE
6/21/2023 12:29:00	7.9	8.1	0.2	0.00	0.00	0.00	2.4	SSE
6/21/2023 12:30:00	7.9	8.0	0.1	0.00	0.00	0.00	2.4	SE
6/21/2023 12:31:00	7.7	7.9	0.2	0.00	0.00	0.00	2.4	SE
6/21/2023 12:32:00	7.7	7.8	0.1	0.00	0.00	0.00	2.3	SE
6/21/2023 12:33:00	7.6	7.7	0.1	0.00	0.00	0.00	2.2	SE
6/21/2023 12:34:00	7.5	7.6	0.1	0.00	0.00	0.00	2.2	SE
6/21/2023 12:35:00	7.3	7.6	0.3	0.00	0.00	0.00	2.2	SE
6/21/2023 12:36:00	7.2	7.5	0.3	0.00	0.00	0.00	2.1	S
6/21/2023 12:37:00	7.3	7.4	0.1	0.00	0.00	0.00	2.0	S
6/21/2023 12:38:00	7.3	7.4	0.1	0.00	0.00	0.00	2.0	SSW
6/21/2023 12:39:00	7.4	7.5	0.1	0.00	0.00	0.00	2.0	S
6/21/2023 12:40:00	7.5	7.6	0.1	0.00	0.00	0.00	2.0	SE
6/21/2023 12:41:00	7.5	7.6	0.1	0.00	0.00	0.00	2.0	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 12:42:00	7.5	7.7	0.2	0.00	0.00	0.00	1.9	SSE
6/21/2023 12:43:00	7.4	7.8	0.3	0.00	0.00	0.00	1.8	SE
6/21/2023 12:44:00	7.4	8.0	0.5	0.00	0.00	0.00	1.8	SSE
6/21/2023 12:45:00	7.3	8.1	0.8	0.00	0.00	0.00	1.7	SE
6/21/2023 12:46:00	7.3	8.3	0.9	0.00	0.00	0.00	1.7	SE
6/21/2023 12:47:00	7.5	8.3	0.8	0.00	0.00	0.00	1.7	SSE
6/21/2023 12:48:00	7.6	8.4	0.8	0.00	0.00	0.00	1.7	SE
6/21/2023 12:49:00	7.6	8.4	0.7	0.00	0.00	0.00	1.8	SE
6/21/2023 12:50:00	7.6	8.3	0.7	0.00	0.00	0.00	1.8	SE
6/21/2023 12:51:00	7.5	8.5	1.0	0.00	0.00	0.00	1.8	SE
6/21/2023 12:52:00	7.4	8.6	1.2	0.00	0.00	0.00	1.8	SSE
6/21/2023 12:53:00	7.3	8.6	1.3	0.00	0.00	0.00	1.8	ESE
6/21/2023 12:54:00	7.2	8.5	1.4	0.00	0.00	0.00	1.8	S
6/21/2023 12:55:00	7.2	8.4	1.2	0.00	0.00	0.00	1.7	S
6/21/2023 12:56:00	7.3	8.4	1.1	0.00	0.00	0.00	1.6	S
6/21/2023 12:57:00	8.0	8.5	0.5	0.00	0.00	0.00	1.5	N
6/21/2023 12:58:00	8.3	9.2	0.9	0.00	0.00	0.00	1.5	ESE
6/21/2023 12:59:00	8.4	9.8	1.4	0.00	0.00	0.00	1.6	ESE
6/21/2023 13:00:00	9.0	9.9	0.8	0.00	0.00	0.00	1.7	SE
6/21/2023 13:01:00	9.6	9.8	0.2	0.00	0.00	0.00	1.9	SE
6/21/2023 13:02:00	9.7	9.8	0.1	0.00	0.00	0.00	1.9	SE
6/21/2023 13:03:00	9.7	9.8	0.1	0.00	0.00	0.00	1.9	SSE
6/21/2023 13:04:00	9.9	10.1	0.1	0.00	0.00	0.00	2.0	SE
6/21/2023 13:05:00	10.0	10.2	0.2	0.00	0.00	0.00	2.0	SSE
6/21/2023 13:06:00	10.2	10.1	-0.1	0.00	0.00	0.00	2.0	S
6/21/2023 13:07:00	10.5	10.1	-0.5	0.00	0.00	0.00	2.0	SSW
6/21/2023 13:08:00	10.5	11.1	0.5	0.00	0.00	0.00	1.9	SE
6/21/2023 13:09:00	11.0	11.8	0.8	0.00	0.00	0.00	1.9	S
6/21/2023 13:10:00	11.2	12.6	1.4	0.00	0.00	0.00	1.9	SSW
6/21/2023 13:11:00	11.3	12.8	1.5	0.00	0.00	0.00	1.9	S
6/21/2023 13:12:00	10.8	13.2	2.4	0.00	0.00	0.00	2.0	SSE
6/21/2023 13:13:00	11.2	12.5	1.3	0.00	0.00	0.00	2.0	E
6/21/2023 13:14:00	11.7	12.2	0.5	0.00	0.00	0.00	1.9	SSE

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 13:15:00	11.1	12.1	1.0	0.00	0.00	0.00	1.7	SE
6/21/2023 13:16:00	10.9	12.0	1.1	0.00	0.00	0.00	1.6	S
6/21/2023 13:17:00	10.8	12.1	1.3	0.00	0.00	0.00	1.5	SE
6/21/2023 13:18:00	10.8	12.2	1.4	0.00	0.00	0.00	1.4	ESE
6/21/2023 13:19:00	10.6	12.1	1.5	0.00	0.00	0.00	1.3	ENE
6/21/2023 13:20:00	10.5	12.2	1.7	0.00	0.00	0.00	1.3	N
6/21/2023 13:21:00	10.6	12.1	1.5	0.00	0.00	0.00	1.2	WNW
6/21/2023 13:22:00	10.3	12.2	2.0	0.00	0.00	0.00	1.2	SE
6/21/2023 13:23:00	10.4	11.2	0.8	0.00	0.00	0.00	1.3	S
6/21/2023 13:24:00	10.0	10.5	0.5	0.00	0.00	0.00	1.3	SSE
6/21/2023 13:25:00	9.9	9.7	-0.3	0.00	0.00	0.00	1.3	S
6/21/2023 13:26:00	9.6	9.4	-0.2	0.00	0.00	0.00	1.3	E
6/21/2023 13:27:00	9.9	9.2	-0.8	0.00	0.00	0.00	1.3	ESE
6/21/2023 13:28:00	10.1	9.1	-0.9	0.00	0.00	0.00	1.4	SE
6/21/2023 13:29:00	9.8	8.9	-0.9	0.00	0.00	0.00	1.4	SSE
6/21/2023 13:30:00	9.8	8.7	-1.1	0.00	0.00	0.00	1.6	SE
6/21/2023 13:31:00	9.5	9.0	-0.5	0.00	0.00	0.00	1.6	SE
6/21/2023 13:32:00	9.8	9.2	-0.6	0.00	0.00	0.00	1.7	SSE
6/21/2023 13:33:00	9.9	9.4	-0.5	0.00	0.00	0.00	1.7	SSE
6/21/2023 13:34:00	10.1	9.6	-0.5	0.00	0.00	0.00	1.7	S
6/21/2023 13:35:00	10.7	9.7	-1.1	0.00	0.00	0.00	1.7	ENE
6/21/2023 13:36:00	10.8	9.9	-0.8	0.00	0.00	0.00	1.7	NNW
6/21/2023 13:37:00	10.8	10.0	-0.8	0.00	0.00	0.00	1.6	ENE
6/21/2023 13:38:00	10.7	10.2	-0.5	0.00	0.00	0.00	1.6	NE
6/21/2023 13:39:00	10.7	10.3	-0.3	0.00	0.00	0.00	1.6	SE
6/21/2023 13:40:00	10.7	10.6	-0.1	0.00	0.00	0.00	1.6	SSE
6/21/2023 13:41:00	11.0	10.5	-0.5	0.00	0.00	0.00	1.7	SSE
6/21/2023 13:42:00	10.7	10.5	-0.1	0.00	0.00	0.00	1.6	S
6/21/2023 13:43:00	11.0	10.5	-0.4	0.00	0.00	0.00	1.5	NNE
6/21/2023 13:44:00	11.8	10.5	-1.3	0.00	0.00	0.00	1.4	ENE
6/21/2023 13:45:00	12.0	11.9	-0.1	0.00	0.00	0.00	1.3	NW
6/21/2023 13:46:00	12.4	11.8	-0.6	0.00	0.00	0.00	1.2	ESE
6/21/2023 13:47:00	13.1	11.6	-1.5	0.00	0.00	0.00	1.1	E

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 13:48:00	14.5	11.4	-3.1	0.00	0.00	0.00	1.0	SE
6/21/2023 13:49:00	15.0	11.0	-4.0	0.00	0.00	0.00	1.1	SE
6/21/2023 13:50:00	14.4	10.6	-3.8	0.00	0.00	0.00	1.1	SSE
6/21/2023 13:51:00	14.1	10.5	-3.6	0.00	0.00	0.00	1.1	SE
6/21/2023 13:52:00	14.1	10.7	-3.3	0.00	0.00	0.00	1.2	SW
6/21/2023 13:53:00	14.5	10.6	-3.8	0.00	0.00	0.00	1.3	SE
6/21/2023 13:54:00	14.9	10.7	-4.2	0.00	0.00	0.00	1.4	ENE
6/21/2023 13:55:00	15.1	10.7	-4.3	0.00	0.00	0.00	1.4	ESE
6/21/2023 13:56:00	15.2	10.7	-4.5	0.00	0.00	0.00	1.4	SE
6/21/2023 13:57:00	15.2	10.5	-4.7	0.00	0.00	0.00	1.4	SSE
6/21/2023 13:58:00	14.9	12.1	-2.8	0.00	0.00	0.00	1.4	SSE
6/21/2023 13:59:00	17.7	12.8	-4.9	0.00	0.00	0.00	1.4	SE
6/21/2023 14:00:00	18.0	12.1	-5.9	0.00	0.00	0.00	1.5	S
6/21/2023 14:01:00	18.2	12.3	-5.9	0.00	0.00	0.00	1.5	SE
6/21/2023 14:02:00	17.7	12.5	-5.3	0.00	0.00	0.00	1.5	SSE
6/21/2023 14:03:00	17.1	13.0	-4.1	0.00	0.00	0.00	1.6	SSE
6/21/2023 14:04:00	16.8	13.8	-3.1	0.00	0.00	0.00	1.7	SE
6/21/2023 14:05:00	17.9	14.6	-3.3	0.00	0.00	0.00	1.7	SE
6/21/2023 14:06:00	19.3	15.5	-3.8	0.00	0.00	0.00	1.8	SE
6/21/2023 14:07:00	20.4	15.1	-5.3	0.00	0.00	0.00	1.8	SE
6/21/2023 14:08:00	20.8	15.3	-5.6	0.00	0.00	0.00	1.8	ESE
6/21/2023 14:09:00	21.9	15.3	-6.7	0.00	0.00	0.00	1.7	SE
6/21/2023 14:10:00	22.3	15.2	-7.1	0.00	0.00	0.00	1.7	ESE
6/21/2023 14:11:00	22.2	15.3	-6.9	0.00	0.00	0.00	1.6	ENE
6/21/2023 14:12:00	22.9	15.3	-7.6	0.00	0.00	0.00	1.6	NE
6/21/2023 14:13:00	22.2	14.2	-7.9	0.00	0.00	0.00	1.6	WSW
6/21/2023 14:14:00	19.8	14.0	-5.8	0.00	0.00	0.00	1.6	SE
6/21/2023 14:15:00	20.2	13.5	-6.7	0.00	0.00	0.00	1.6	SE
6/21/2023 14:16:00	19.7	14.2	-5.5	0.00	0.00	0.00	1.6	S
6/21/2023 14:17:00	19.4	14.2	-5.1	0.00	0.00	0.00	1.6	SSE
6/21/2023 14:18:00	19.0	13.9	-5.1	0.00	0.00	0.00	1.5	SE
6/21/2023 14:19:00	19.5	13.3	-6.2	0.00	0.00	0.00	1.4	ENE
6/21/2023 14:20:00	19.5	12.8	-6.7	0.00	0.00	0.00	1.4	ENE

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 14:21:00	18.1	12.5	-5.6	0.00	0.00	0.00	1.3	NE
6/21/2023 14:22:00	17.9	12.4	-5.5	0.00	0.00	0.00	1.2	W
6/21/2023 14:23:00	18.8	12.3	-6.5	0.00	0.00	0.00	1.2	W
6/21/2023 14:24:00	17.3	13.2	-4.0	0.00	0.00	0.00	1.2	E
6/21/2023 14:25:00	17.0	13.5	-3.5	0.00	0.00	0.00	1.2	E
6/21/2023 14:26:00	16.8	13.6	-3.2	0.00	0.00	0.00	1.2	NE
6/21/2023 14:27:00	16.0	13.8	-2.3	0.00	0.00	0.00	1.3	NE
6/21/2023 14:28:00	16.4	13.0	-3.4	0.00	0.00	0.00	1.4	WNW
6/21/2023 14:29:00	15.0	12.8	-2.2	0.00	0.00	0.00	1.4	E
6/21/2023 14:30:00	14.0	12.5	-1.5	0.00	0.00	0.00	1.5	NE
6/21/2023 14:31:00	13.8	11.6	-2.2	0.00	0.00	0.00	1.6	ESE
6/21/2023 14:32:00	13.6	11.2	-2.4	0.00	0.00	0.00	1.6	SE
6/21/2023 14:33:00	13.2	10.9	-2.4	0.00	0.00	0.00	1.6	SE
6/21/2023 14:34:00	12.1	10.8	-1.3	0.00	0.00	0.00	1.6	E
6/21/2023 14:35:00	11.3	11.0	-0.4	0.00	0.00	0.00	1.6	ESE
6/21/2023 14:36:00	11.5	11.1	-0.5	0.00	0.00	0.00	1.6	E
6/21/2023 14:37:00	11.1	11.2	0.1	0.00	0.00	0.00	1.6	NE
6/21/2023 14:38:00	10.2	11.2	1.0	0.00	0.00	0.00	1.7	ENE
6/21/2023 14:39:00	12.5	10.1	-2.4	0.00	0.00	0.00	1.8	E
6/21/2023 14:40:00	13.5	9.7	-3.8	0.00	0.00	0.00	1.8	E
6/21/2023 14:41:00	13.7	9.5	-4.2	0.00	0.00	0.00	1.8	E
6/21/2023 14:42:00	14.3	9.2	-5.0	0.00	0.00	0.00	1.7	E
6/21/2023 14:43:00	13.7	9.4	-4.3	0.00	0.00	0.00	1.7	ENE
6/21/2023 14:44:00	14.2	9.0	-5.2	0.00	0.00	0.00	1.6	SW
6/21/2023 14:45:00	14.2	8.8	-5.5	0.00	0.00	0.00	1.5	SW
6/21/2023 14:46:00	14.2	8.7	-5.4	0.00	0.00	0.00	1.5	E
6/21/2023 14:47:00	14.1	8.7	-5.3	0.00	0.00	0.00	1.4	ENE
6/21/2023 14:48:00	13.9	8.7	-5.1	0.00	0.00	0.00	1.4	SE
6/21/2023 14:49:00	13.8	8.5	-5.2	0.00	0.00	0.00	1.4	SE
6/21/2023 14:50:00	13.7	8.1	-5.6	0.00	0.00	0.00	1.4	SSE
6/21/2023 14:51:00	13.5	7.6	-5.9	0.00	0.00	0.00	1.4	SSE
6/21/2023 14:52:00	13.0	7.5	-5.6	0.00	0.00	0.00	1.4	SE
6/21/2023 14:53:00	12.2	7.4	-4.7	0.00	0.00	0.00	1.4	SE

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
6/21/2023 14:54:00	9.6	7.3	-2.4	0.00	0.00	0.00	1.3	ESE
6/21/2023 14:55:00	8.1	7.2	-0.9	0.00	0.00	0.00	1.4	SE
6/21/2023 14:56:00	7.9	7.2	-0.6	0.00	0.00	0.00	1.4	SE
6/21/2023 14:57:00	7.2	7.2	0.0	0.00	0.00	0.00	1.4	SE
6/21/2023 14:58:00	7.3	7.1	-0.1	0.00	0.00	0.00	1.3	S
6/21/2023 14:59:00	7.2	7.3	0.1	0.00	0.00	0.00	1.3	E
6/21/2023 15:00:00	7.7	7.5	-0.2	0.00	0.00	0.00	1.3	E
6/21/2023 15:01:00	8.1	7.6	-0.4	0.00	0.00	0.00	1.4	ENE
6/21/2023 15:02:00	8.7	7.8	-0.9	0.00	0.00	0.00	1.5	NNE
6/21/2023 15:03:00	9.4	7.9	-1.4	0.00	0.00	0.00	1.6	E
6/21/2023 15:04:00	10.0	7.9	-2.0	0.00	0.00	0.00	1.7	E
6/21/2023 15:05:00	9.9	8.1	-1.8	0.00	0.00	0.00	1.7	E
6/21/2023 15:06:00	9.9	8.0	-1.9	0.00	0.00	0.00	1.8	ENE
6/21/2023 15:07:00	10.4	8.0	-2.4	0.00	0.00	0.00	1.9	E
6/21/2023 15:08:00	10.5	7.9	-2.6	0.00	0.00	0.00	1.9	ENE
6/21/2023 15:09:00	10.6	8.0	-2.6	0.00	0.00	0.00	1.9	E
6/21/2023 15:10:00	10.7	8.1	-2.6	0.00	0.00	0.00	1.9	ENE
6/21/2023 15:11:00	10.6	7.6	-3.0	0.00	0.00	0.00	1.8	ENE
6/21/2023 15:12:00	10.9	7.1	-3.7	0.00	0.00	0.00	1.8	ENE