

DAILY FIELD REPORT 078

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	September 26, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	7:00 am to 5:15 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

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

Foundation Contractor: Urban Foundation/Engineering (Urban)

Langan Field Personnel:

Caitlyn Dempsey (Environmental)

Xianglei Zheng (Geotechnical)

Work Activities Performed:

- Urban graded an about 50-foot-long by 50-foot-wide area of soil/fill in the northwestern part of waste characterization grid WC02 and an about 100-foot-long by 100-foot-wide area of soil/fill in the central part of waste characterization grids WC02 and WC03 to prepare for equipment mobilization.
- 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 drilled one rock socket and advanced one rock socket for one caisson using a Bauer BG33H Drill Rig and a Bauer BG28H Drill Rig in the central part of the site.
- Urban installed reinforcement and placed grout in two caissons for completion in the eastern part of the site.
- Urban installed one caisson casing and advanced one caisson casing in the northwestern part of the site.

Material Tracking:

- The following soil/fill was exported from the site:
 - 3 loads of soil/fill from waste characterization grids WC03_0-5 and WC03_5-10 to the Bayshore Soil Management, LLC facility in Keasbey, 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)
		3	60	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)
	93	1,860	29	580	0	-	14	280

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:

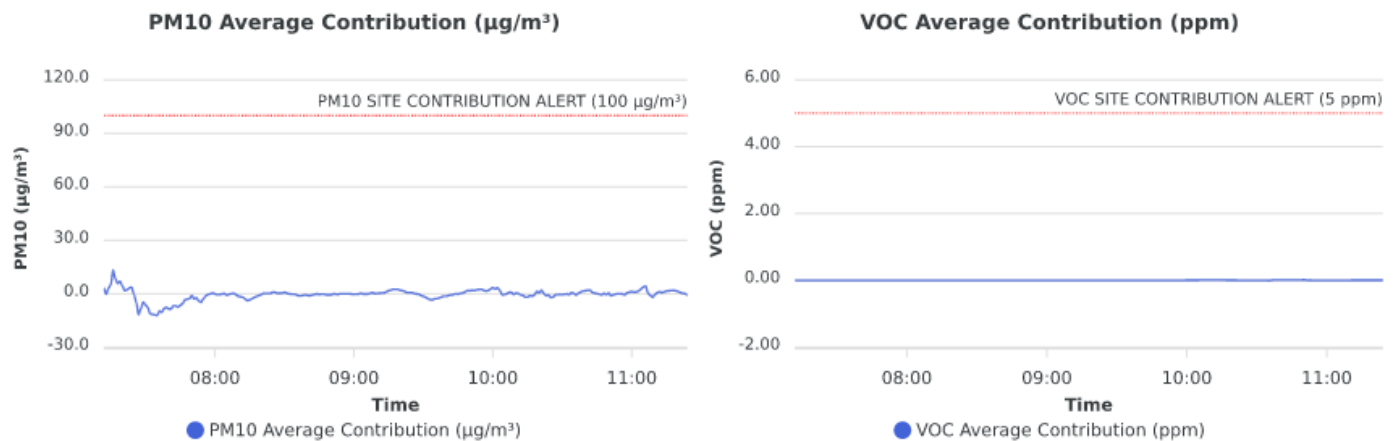
The 15-minute average site contributions for particulates and volatile organic compounds (VOCs) are calculated by subtracting the upwind readings from the downwind readings. A true action level exceedance is realized when this net result exceeds 100 µg/m³ for particulates and 5 ppm for organic vapors. No particulates (PM10) or organic vapors exceeded the 15-minute average site contribution action level of 100 µg/m³ or 5 ppm, respectively, on this day.

The Community Air Monitoring Program (CAMP) was not implemented after 11:24 am due to sustained precipitation.

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	7.1	Daily Background	0.00
0PM10 Average Site Contribution (Minimum)	-12.2	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	13.3	VOC Average Site Contribution (Maximum)	0.02

µg/m³: micrograms per cubic meter.

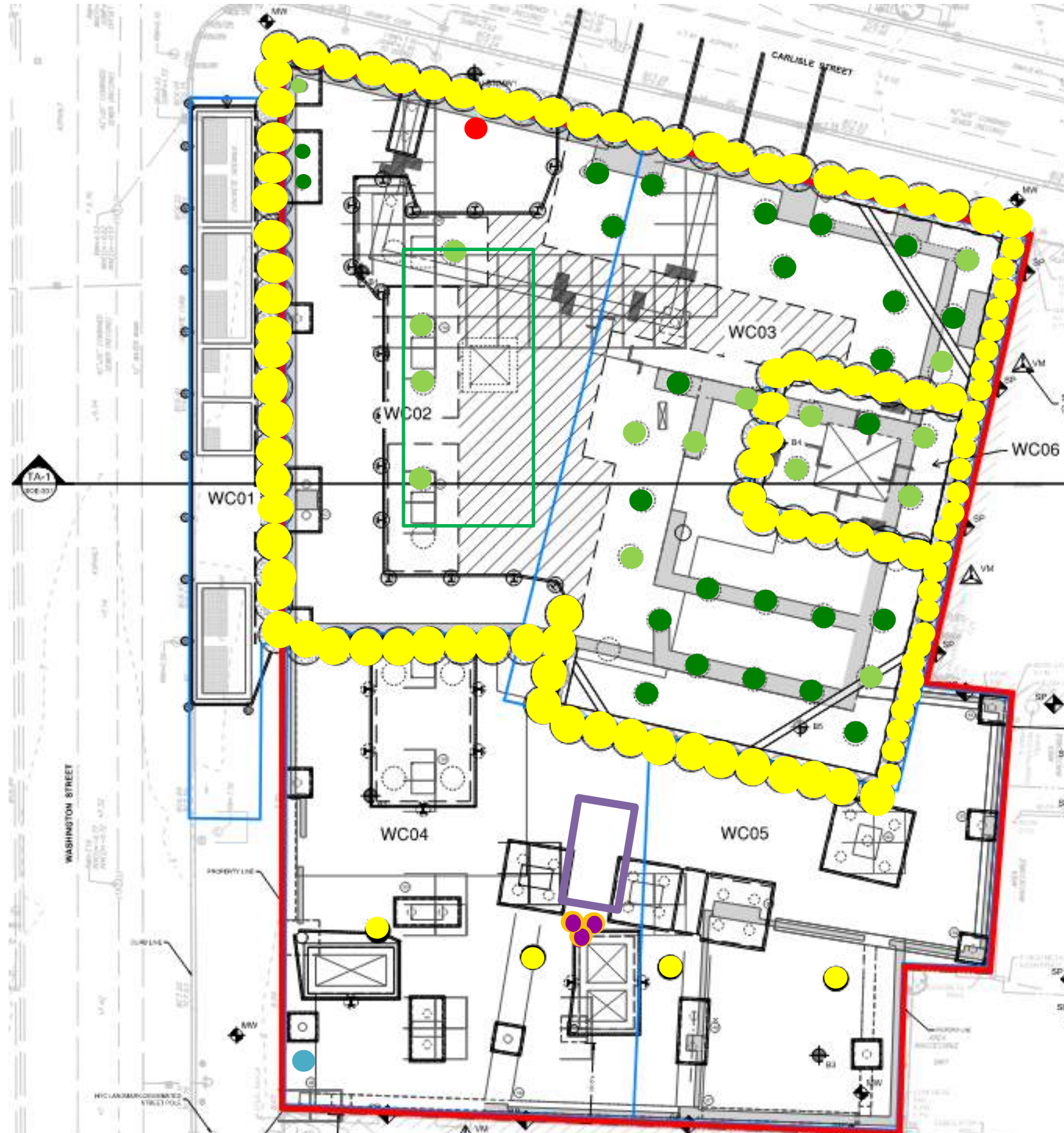
ppm: parts per million.



Planned Activities:

- Urban will continue installing caisson casings throughout the site.
- Urban will apply grout to caissons.
- Urban will export soil/fill from WC03_0-5 and WC03_5-10.

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**
- Installed Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- Completed Soil-Mix Core**
- 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: General view of the site (facing northeast).



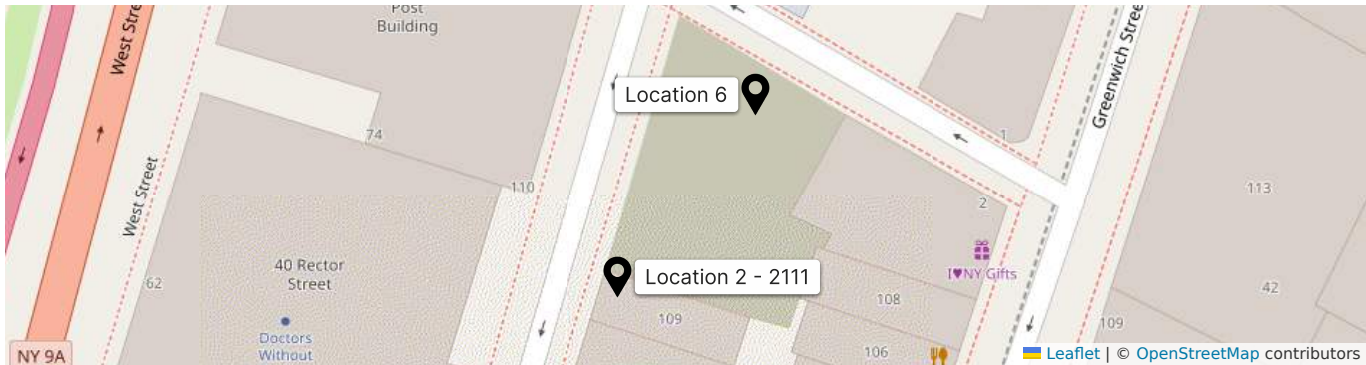
Photo 2: View of Urban loading a truck with soil/fill for off-site disposal (facing southeast).



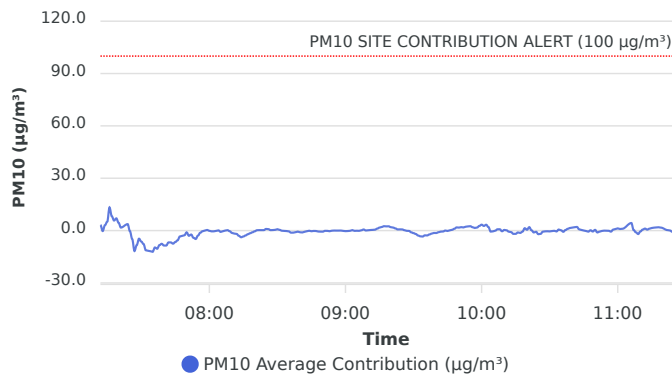
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	9/26/2023 00:00
		To:	9/26/2023 23:59
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Windspeed (mph)	Prevailing wind direction
9/26/2023	-	-	-	0.6-3.3	SSE

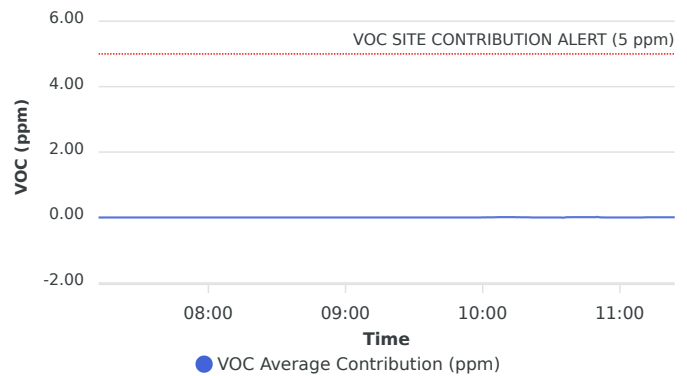
Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/26/2023	-12.2	07:35	-0.01	10:35
Max Contribution (15 min avg.) - 9/26/2023	13.3	07:16	0.02	10:50



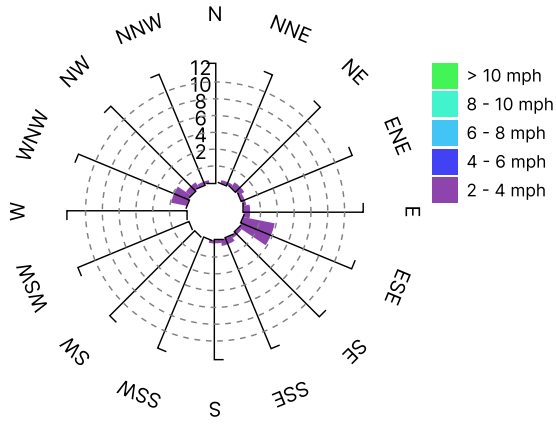
PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)



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
9/26/2023 07:12:00	13.8	17.0	3.2	0.00	0.00	0.00	1.2	NW
9/26/2023 07:13:00	15.2	15.0	-0.3	0.00	0.00	0.00	1.5	NNW
9/26/2023 07:14:00	14.3	17.4	3.1	0.00	0.00	0.00	1.5	SSE
9/26/2023 07:15:00	14.0	19.1	5.1	0.00	0.00	0.00	1.5	SSE
9/26/2023 07:16:00	13.8	27.1	13.3	0.00	0.00	0.00	1.6	SE
9/26/2023 07:17:00	16.3	24.6	8.2	0.00	0.00	0.00	1.5	ESE
9/26/2023 07:18:00	16.9	22.7	5.8	0.00	0.00	0.00	1.6	ESE
9/26/2023 07:19:00	16.2	23.2	7.0	0.00	0.00	0.00	1.6	SE
9/26/2023 07:20:00	17.5	21.9	4.5	0.00	0.00	0.00	1.6	SE
9/26/2023 07:21:00	19.1	20.8	1.7	0.00	0.00	0.00	1.6	E
9/26/2023 07:22:00				0.00	0.00	0.00	1.5	S
9/26/2023 07:23:00				0.00	0.00	0.00	1.5	NE
9/26/2023 07:24:00	11.8	15.5	3.7	0.00	0.00	0.00	1.5	WSW
9/26/2023 07:25:00	13.8	13.5	-0.4	0.00	0.00	0.00	1.5	E
9/26/2023 07:26:00	18.0	13.1	-4.9	0.00	0.00	0.00	1.5	ESE
9/26/2023 07:27:00	24.5	12.8	-11.7	0.00	0.00	0.00	1.5	E
9/26/2023 07:28:00	21.9	13.6	-8.3	0.00	0.00	0.00	1.5	WNW
9/26/2023 07:29:00	20.2	15.5	-4.7	0.00	0.00	0.00	1.5	SE
9/26/2023 07:30:00	21.3	15.0	-6.3	0.00	0.00	0.00	1.5	ESE
9/26/2023 07:31:00	22.5	14.8	-7.7	0.00	0.00	0.00	1.5	SE
9/26/2023 07:32:00	25.8	14.6	-11.3	0.00	0.00	0.00	1.5	E
9/26/2023 07:33:00	26.0	14.4	-11.6	0.00	0.00	0.00	1.6	SE
9/26/2023 07:34:00	26.4	14.6	-11.8	0.00	0.00	0.00	1.6	SE
9/26/2023 07:35:00	26.7	14.6	-12.2	0.00	0.00	0.00	1.5	E
9/26/2023 07:36:00	25.7	16.0	-9.7	0.00	0.00	0.00	1.5	SW
9/26/2023 07:37:00	26.2	15.8	-10.4	0.00	0.00	0.00	1.5	NE
9/26/2023 07:38:00	25.3	16.9	-8.3	0.00	0.00	0.00	1.6	SSE
9/26/2023 07:39:00	25.3	17.7	-7.6	0.00	0.00	0.00	1.6	SSW
9/26/2023 07:40:00	26.2	17.6	-8.6	0.00	0.00	0.00	1.6	E
9/26/2023 07:41:00	26.2	17.6	-8.6	0.00	0.00	0.00	1.5	E
9/26/2023 07:42:00	24.3	17.6	-6.8	0.00	0.00	0.00	1.5	ESE
9/26/2023 07:43:00	24.3	17.5	-6.8	0.00	0.00	0.00	1.5	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/26/2023 07:44:00	24.3	16.7	-7.5	0.00	0.00	0.00	1.6	S
9/26/2023 07:45:00	23.2	16.7	-6.6	0.00	0.00	0.00	1.6	ESE
9/26/2023 07:46:00	22.1	16.5	-5.6	0.00	0.00	0.00	1.7	ESE
9/26/2023 07:47:00	19.8	16.4	-3.4	0.00	0.00	0.00	1.7	ESE
9/26/2023 07:48:00	19.2	16.2	-3.0	0.00	0.00	0.00	1.7	E
9/26/2023 07:49:00	18.5	15.8	-2.7	0.00	0.00	0.00	1.7	SE
9/26/2023 07:50:00	17.2	16.2	-1.0	0.00	0.00	0.00	1.7	SSE
9/26/2023 07:51:00	17.7	14.7	-3.0	0.00	0.00	0.00	1.8	ESE
9/26/2023 07:52:00	16.9	14.7	-2.3	0.00	0.00	0.00	1.9	ESE
9/26/2023 07:53:00	17.3	13.2	-4.2	0.00	0.00	0.00	1.9	NNE
9/26/2023 07:54:00	17.2	12.4	-4.8	0.00	0.00	0.00	2.0	NW
9/26/2023 07:55:00	15.9	13.1	-2.9	0.00	0.00	0.00	2.0	SSW
9/26/2023 07:56:00	14.9	13.7	-1.2	0.00	0.00	0.00	2.1	SSE
9/26/2023 07:57:00	14.6	14.2	-0.4	0.00	0.00	0.00	2.1	WNW
9/26/2023 07:58:00	14.6	14.6	0.0	0.00	0.00	0.00	2.0	S
9/26/2023 07:59:00	14.7	15.0	0.3	0.00	0.00	0.00	2.0	SE
9/26/2023 08:00:00	15.3	15.2	-0.1	0.00	0.00	0.00	1.9	ESE
9/26/2023 08:01:00	15.8	15.3	-0.5	0.00	0.00	0.00	1.9	E
9/26/2023 08:02:00	15.8	15.4	-0.4	0.00	0.00	0.00	1.9	SE
9/26/2023 08:03:00	15.6	15.4	-0.2	0.00	0.00	0.00	1.9	E
9/26/2023 08:04:00	15.3	15.4	0.1	0.00	0.00	0.00	1.9	SE
9/26/2023 08:05:00	15.5	14.8	-0.8	0.00	0.00	0.00	1.9	ESE
9/26/2023 08:06:00	15.1	14.7	-0.4	0.00	0.00	0.00	1.9	NE
9/26/2023 08:07:00	14.7	14.7	0.0	0.00	0.00	0.00	1.8	N
9/26/2023 08:08:00	14.5	14.7	0.2	0.00	0.00	0.00	1.8	ENE
9/26/2023 08:09:00	14.8	14.4	-0.4	0.00	0.00	0.00	1.7	ESE
9/26/2023 08:10:00	15.1	13.8	-1.4	0.00	0.00	0.00	1.8	ESE
9/26/2023 08:11:00	15.1	13.4	-1.7	0.00	0.00	0.00	1.7	SE
9/26/2023 08:12:00	15.1	13.2	-1.9	0.00	0.00	0.00	1.8	WNW
9/26/2023 08:13:00	15.4	12.4	-3.0	0.00	0.00	0.00	1.8	ESE
9/26/2023 08:14:00	15.7	11.9	-3.8	0.00	0.00	0.00	1.8	E
9/26/2023 08:15:00	15.1	11.7	-3.4	0.00	0.00	0.00	1.7	NNW
9/26/2023 08:16:00	14.5	11.7	-2.8	0.00	0.00	0.00	1.7	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/26/2023 08:17:00	14.1	12.0	-2.1	0.00	0.00	0.00	1.7	NW
9/26/2023 08:18:00	13.8	12.2	-1.5	0.00	0.00	0.00	1.6	SE
9/26/2023 08:19:00	13.4	12.5	-1.0	0.00	0.00	0.00	1.6	SW
9/26/2023 08:20:00	13.2	12.8	-0.4	0.00	0.00	0.00	1.5	S
9/26/2023 08:21:00	12.9	13.2	0.2	0.00	0.00	0.00	1.6	SSE
9/26/2023 08:22:00	12.9	13.2	0.3	0.00	0.00	0.00	1.6	ESE
9/26/2023 08:23:00	13.0	13.2	0.3	0.00	0.00	0.00	1.6	ESE
9/26/2023 08:24:00	13.0	13.3	0.3	0.00	0.00	0.00	1.5	ESE
9/26/2023 08:25:00	12.8	13.7	0.9	0.00	0.00	0.00	1.5	W
9/26/2023 08:26:00	12.8	13.7	0.8	0.00	0.00	0.00	1.5	SSE
9/26/2023 08:27:00	13.2	13.4	0.3	0.00	0.00	0.00	1.6	ESE
9/26/2023 08:28:00	13.2	13.5	0.3	0.00	0.00	0.00	1.6	E
9/26/2023 08:29:00	13.2	13.6	0.4	0.00	0.00	0.00	1.6	NW
9/26/2023 08:30:00	13.0	13.8	0.8	0.00	0.00	0.00	1.6	SSE
9/26/2023 08:31:00	13.3	13.7	0.4	0.00	0.00	0.00	1.6	E
9/26/2023 08:32:00	13.6	13.5	-0.1	0.00	0.00	0.00	1.6	ESE
9/26/2023 08:33:00	13.7	13.5	-0.2	0.00	0.00	0.00	1.6	W
9/26/2023 08:34:00	13.8	13.5	-0.3	0.00	0.00	0.00	1.6	W
9/26/2023 08:35:00	13.9	13.4	-0.5	0.00	0.00	0.00	1.6	SSE
9/26/2023 08:36:00	14.3	13.1	-1.2	0.00	0.00	0.00	1.5	E
9/26/2023 08:37:00	14.3	13.1	-1.2	0.00	0.00	0.00	1.5	NW
9/26/2023 08:38:00	14.1	13.2	-0.9	0.00	0.00	0.00	1.5	W
9/26/2023 08:39:00	13.9	13.3	-0.6	0.00	0.00	0.00	1.5	WNW
9/26/2023 08:40:00	14.0	13.0	-1.0	0.00	0.00	0.00	1.5	WNW
9/26/2023 08:41:00	14.1	13.1	-1.1	0.00	0.00	0.00	1.5	N
9/26/2023 08:42:00	13.9	13.2	-0.7	0.00	0.00	0.00	1.4	NNW
9/26/2023 08:43:00	13.7	13.3	-0.4	0.00	0.00	0.00	1.5	NW
9/26/2023 08:44:00	13.6	13.5	-0.1	0.00	0.00	0.00	1.6	WNW
9/26/2023 08:45:00	13.7	13.3	-0.4	0.00	0.00	0.00	1.6	NNW
9/26/2023 08:46:00	13.6	13.4	-0.2	0.00	0.00	0.00	1.6	E
9/26/2023 08:47:00	13.6	13.4	-0.3	0.00	0.00	0.00	1.6	E
9/26/2023 08:48:00	13.8	13.2	-0.6	0.00	0.00	0.00	1.7	NNW
9/26/2023 08:49:00	13.8	13.2	-0.6	0.00	0.00	0.00	1.7	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
9/26/2023 08:50:00	13.8	13.2	-0.6	0.00	0.00	0.00	1.8	WSW
9/26/2023 08:51:00	13.5	13.4	-0.1	0.00	0.00	0.00	1.8	W
9/26/2023 08:52:00	13.6	13.4	-0.2	0.00	0.00	0.00	1.7	ESE
9/26/2023 08:53:00	13.8	13.4	-0.4	0.00	0.00	0.00	1.7	NW
9/26/2023 08:54:00	13.8	13.7	-0.1	0.00	0.00	0.00	1.7	SW
9/26/2023 08:55:00	13.8	13.8	0.0	0.00	0.00	0.00	1.7	W
9/26/2023 08:56:00	13.8	13.8	0.0	0.00	0.00	0.00	1.7	WNW
9/26/2023 08:57:00	13.8	13.8	0.0	0.00	0.00	0.00	1.7	WNW
9/26/2023 08:58:00	13.8	13.8	0.0	0.00	0.00	0.00	1.7	W
9/26/2023 08:59:00	13.9	13.7	-0.2	0.00	0.00	0.00	1.6	SE
9/26/2023 09:00:00	14.0	13.7	-0.3	0.00	0.00	0.00	1.5	NNW
9/26/2023 09:01:00	14.0	13.7	-0.3	0.00	0.00	0.00	1.5	NW
9/26/2023 09:02:00	13.8	13.7	-0.1	0.00	0.00	0.00	1.4	SE
9/26/2023 09:03:00	13.7	13.9	0.3	0.00	0.00	0.00	1.4	SSE
9/26/2023 09:04:00	14.0	13.9	-0.2	0.00	0.00	0.00	1.3	ESE
9/26/2023 09:05:00	14.0	13.9	-0.1	0.00	0.00	0.00	1.4	WNW
9/26/2023 09:06:00	14.1	13.9	-0.1	0.00	0.00	0.00	1.3	WNW
9/26/2023 09:07:00	13.8	14.0	0.2	0.00	0.00	0.00	1.4	SSW
9/26/2023 09:08:00	13.6	14.3	0.6	0.00	0.00	0.00	1.4	NW
9/26/2023 09:09:00	13.9	14.0	0.1	0.00	0.00	0.00	1.4	NW
9/26/2023 09:10:00	13.9	14.1	0.2	0.00	0.00	0.00	1.4	SSW
9/26/2023 09:11:00	13.8	14.1	0.3	0.00	0.00	0.00	1.3	WNW
9/26/2023 09:12:00	13.8	14.2	0.4	0.00	0.00	0.00	1.3	S
9/26/2023 09:13:00	13.8	14.3	0.5	0.00	0.00	0.00	1.3	WSW
9/26/2023 09:14:00	13.7	14.8	1.1	0.00	0.00	0.00	1.3	S
9/26/2023 09:15:00	13.4	15.1	1.7	0.00	0.00	0.00	1.3	WSW
9/26/2023 09:16:00	13.3	15.4	2.1	0.00	0.00	0.00	1.3	W
9/26/2023 09:17:00	13.2	15.7	2.5	0.00	0.00	0.00	1.4	WNW
9/26/2023 09:18:00	13.3	15.7	2.4	0.00	0.00	0.00	1.4	SE
9/26/2023 09:19:00	13.2	15.7	2.5	0.00	0.00	0.00	1.4	ENE
9/26/2023 09:20:00	13.6	15.5	1.9	0.00	0.00	0.00	1.5	NW
9/26/2023 09:21:00	13.8	15.5	1.7	0.00	0.00	0.00	1.5	NNW
9/26/2023 09:22:00	14.1	15.4	1.2	0.00	0.00	0.00	1.5	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
9/26/2023 09:23:00	14.4	15.1	0.7	0.00	0.00	0.00	1.5	ESE
9/26/2023 09:24:00	14.3	15.0	0.7	0.00	0.00	0.00	1.5	SE
9/26/2023 09:25:00	14.3	14.9	0.7	0.00	0.00	0.00	1.5	SW
9/26/2023 09:26:00	14.5	14.7	0.2	0.00	0.00	0.00	1.5	ESE
9/26/2023 09:27:00	14.8	14.7	-0.1	0.00	0.00	0.00	1.5	ESE
9/26/2023 09:28:00	14.9	14.7	-0.2	0.00	0.00	0.00	1.5	NW
9/26/2023 09:29:00	15.4	14.4	-1.0	0.00	0.00	0.00	1.5	NW
9/26/2023 09:30:00	15.8	14.3	-1.5	0.00	0.00	0.00	1.6	ESE
9/26/2023 09:31:00	16.1	14.1	-2.0	0.00	0.00	0.00	1.6	ESE
9/26/2023 09:32:00	16.7	13.8	-2.8	0.00	0.00	0.00	1.5	E
9/26/2023 09:33:00	17.2	13.9	-3.3	0.00	0.00	0.00	1.5	E
9/26/2023 09:34:00	17.4	14.0	-3.4	0.00	0.00	0.00	1.5	ESE
9/26/2023 09:35:00	17.0	14.3	-2.7	0.00	0.00	0.00	1.5	W
9/26/2023 09:36:00	17.0	14.2	-2.8	0.00	0.00	0.00	1.5	SE
9/26/2023 09:37:00	16.6	14.4	-2.2	0.00	0.00	0.00	1.5	W
9/26/2023 09:38:00	16.4	14.6	-1.7	0.00	0.00	0.00	1.5	W
9/26/2023 09:39:00	16.1	14.8	-1.4	0.00	0.00	0.00	1.5	W
9/26/2023 09:40:00	16.1	14.8	-1.4	0.00	0.00	0.00	1.5	WSW
9/26/2023 09:41:00	15.9	15.0	-0.9	0.00	0.00	0.00	1.5	SSW
9/26/2023 09:42:00	15.6	15.0	-0.6	0.00	0.00	0.00	1.5	WSW
9/26/2023 09:43:00	15.5	15.0	-0.5	0.00	0.00	0.00	1.5	S
9/26/2023 09:44:00	15.1	15.1	0.0	0.00	0.00	0.00	1.4	WSW
9/26/2023 09:45:00	15.3	15.1	-0.2	0.00	0.00	0.00	1.4	N
9/26/2023 09:46:00	15.0	15.1	0.1	0.00	0.00	0.00	1.4	WNW
9/26/2023 09:47:00	14.8	15.2	0.5	0.00	0.00	0.00	1.4	NNW
9/26/2023 09:48:00	14.3	15.4	1.0	0.00	0.00	0.00	1.4	SSW
9/26/2023 09:49:00	13.9	15.8	1.8	0.00	0.00	0.00	1.3	WNW
9/26/2023 09:50:00	14.0	15.7	1.7	0.00	0.00	0.00	1.4	WNW
9/26/2023 09:51:00	14.0	15.9	2.0	0.00	0.00	0.00	1.3	NW
9/26/2023 09:52:00	14.2	16.0	1.8	0.00	0.00	0.00	1.3	WNW
9/26/2023 09:53:00	14.3	16.5	2.2	0.00	0.00	0.00	1.4	W
9/26/2023 09:54:00	14.4	16.8	2.4	0.00	0.00	0.00	1.3	SSE
9/26/2023 09:55:00	14.6	17.1	2.5	0.00	0.00	0.00	1.3	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/26/2023 09:56:00	15.0	17.0	1.9	0.00	0.00	0.00	1.3	ESE
9/26/2023 09:57:00	15.4	16.9	1.5	0.00	0.00	0.00	1.3	NE
9/26/2023 09:58:00	15.5	17.3	1.8	0.00	0.00	0.00	1.3	SW
9/26/2023 09:59:00	15.4	18.1	2.7	0.00	0.00	0.00	1.3	WNW
9/26/2023 10:00:00	15.0	18.4	3.4	0.00	0.01	0.01	1.3	WNW
9/26/2023 10:01:00	15.6	18.3	2.7	0.00	0.01	0.00	1.2	NNW
9/26/2023 10:02:00	15.4	18.7	3.3	0.00	0.01	0.01	1.2	SSE
9/26/2023 10:03:00	16.5	18.5	2.0	0.00	0.01	0.01	1.3	E
9/26/2023 10:04:00	18.7	18.1	-0.6	0.00	0.01	0.01	1.2	ENE
9/26/2023 10:05:00	18.8	18.3	-0.5	0.00	0.01	0.01	1.3	NW
9/26/2023 10:06:00	18.7	18.7	-0.1	0.00	0.01	0.01	1.2	SSE
9/26/2023 10:07:00	18.6	19.3	0.7	0.00	0.01	0.01	1.2	SW
9/26/2023 10:08:00	18.4	19.2	0.8	0.00	0.01	0.01	1.2	SSE
9/26/2023 10:09:00	19.2	18.8	-0.4	0.00	0.01	0.01	1.2	E
9/26/2023 10:10:00	19.1	19.5	0.4	0.00	0.01	0.01	1.2	SW
9/26/2023 10:11:00	19.4	19.5	0.1	0.00	0.01	0.01	1.2	E
9/26/2023 10:12:00	20.2	19.6	-0.6	0.00	0.01	0.01	1.2	NNW
9/26/2023 10:13:00	20.1	19.2	-0.9	0.00	0.01	0.01	1.2	W
9/26/2023 10:14:00	20.2	18.3	-1.9	0.00	0.01	0.01	1.2	WNW
9/26/2023 10:15:00	20.2	18.4	-1.9	0.00	0.01	0.01	1.2	SW
9/26/2023 10:16:00	19.7	18.6	-1.1	0.00	0.01	0.01	1.3	W
9/26/2023 10:17:00	19.7	18.4	-1.4	0.00	0.01	0.01	1.3	W
9/26/2023 10:18:00	19.1	18.4	-0.6	0.00	0.01	0.01	1.3	ESE
9/26/2023 10:19:00	17.2	18.5	1.3	0.00	0.01	0.01	1.3	E
9/26/2023 10:20:00	17.7	18.2	0.5	0.00	0.01	0.01	1.3	NW
9/26/2023 10:21:00	18.0	19.9	1.9	0.00	0.00	0.00	1.3	W
9/26/2023 10:22:00	19.2	19.4	0.2	0.00	0.00	0.00	1.3	NE
9/26/2023 10:23:00	20.1	19.0	-1.1	0.00	0.00	0.00	1.4	ENE
9/26/2023 10:24:00	19.9	19.1	-0.7	0.00	0.00	0.00	1.4	ESE
9/26/2023 10:25:00	20.3	18.2	-2.1	0.00	0.00	0.00	1.4	E
9/26/2023 10:26:00	20.1	18.3	-1.9	0.00	0.00	0.00	1.4	SE
9/26/2023 10:27:00	19.2	18.6	-0.6	0.00	0.00	0.00	1.3	W
9/26/2023 10:28:00	19.2	18.8	-0.5	0.00	0.00	0.00	1.4	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
9/26/2023 10:29:00	19.3	18.9	-0.4	0.00	0.00	0.00	1.4	W
9/26/2023 10:30:00	19.3	18.8	-0.5	0.00	0.00	0.00	1.4	SSW
9/26/2023 10:31:00	19.3	19.0	-0.3	0.00	0.00	0.00	1.3	SW
9/26/2023 10:32:00	19.3	19.1	-0.1	0.00	0.00	0.00	1.3	S
9/26/2023 10:33:00	19.6	19.1	-0.5	0.00	0.00	0.00	1.3	ENE
9/26/2023 10:34:00	19.3	19.9	0.6	0.00	0.00	0.00	1.3	WSW
9/26/2023 10:35:00	19.8	19.9	0.2	0.01	0.00	-0.01	1.3	ESE
9/26/2023 10:36:00	19.6	18.9	-0.7	0.01	0.01	0.00	1.3	WNW
9/26/2023 10:37:00	18.6	18.9	0.3	0.01	0.02	0.01	1.4	WNW
9/26/2023 10:38:00	17.9	19.0	1.0	0.01	0.02	0.01	1.4	NNE
9/26/2023 10:39:00	17.6	19.1	1.5	0.01	0.02	0.01	1.3	NE
9/26/2023 10:40:00	17.4	19.1	1.7	0.01	0.02	0.01	1.4	ENE
9/26/2023 10:41:00	17.2	19.1	1.9	0.01	0.02	0.01	1.5	N
9/26/2023 10:42:00	17.2	19.3	2.1	0.01	0.02	0.01	1.5	SSE
9/26/2023 10:43:00	18.2	18.9	0.7	0.01	0.02	0.01	1.6	NE
9/26/2023 10:44:00	18.4	18.8	0.4	0.01	0.02	0.01	1.6	NNW
9/26/2023 10:45:00	18.6	18.6	0.0	0.01	0.02	0.01	1.6	NW
9/26/2023 10:46:00	18.6	18.4	-0.3	0.01	0.02	0.01	1.6	WNW
9/26/2023 10:47:00	18.8	18.1	-0.6	0.01	0.02	0.01	1.6	WNW
9/26/2023 10:48:00	18.0	18.2	0.2	0.01	0.02	0.01	1.6	WNW
9/26/2023 10:49:00	17.9	17.4	-0.5	0.01	0.02	0.01	1.7	WNW
9/26/2023 10:50:00	17.0	17.4	0.4	0.00	0.02	0.02	1.7	NW
9/26/2023 10:51:00	17.4	16.3	-1.1	0.00	0.01	0.01	1.7	ENE
9/26/2023 10:52:00	17.2	16.6	-0.6	0.00	0.00	0.00	1.7	WNW
9/26/2023 10:53:00	17.1	16.9	-0.2	0.00	0.00	0.00	1.7	WNW
9/26/2023 10:54:00	17.0	16.9	0.0	0.00	0.00	0.00	1.7	W
9/26/2023 10:55:00	17.0	16.9	-0.1	0.00	0.00	0.00	1.6	E
9/26/2023 10:56:00	17.0	16.8	-0.1	0.00	0.00	0.00	1.6	E
9/26/2023 10:57:00	17.1	16.4	-0.6	0.00	0.00	0.00	1.6	NNW
9/26/2023 10:58:00	16.1	16.6	0.6	0.00	0.00	0.00	1.5	NW
9/26/2023 10:59:00	15.9	16.8	0.9	0.00	0.00	0.00	1.5	NW
9/26/2023 11:00:00	15.8	17.0	1.3	0.00	0.00	0.00	1.5	WNW
9/26/2023 11:01:00	16.0	16.9	0.9	0.00	0.00	0.00	1.5	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
9/26/2023 11:02:00	15.9	17.0	1.0	0.00	0.00	0.00	1.5	NW
9/26/2023 11:03:00				0.00	0.00	0.00	1.5	WSW
9/26/2023 11:04:00				0.00	0.00	0.00	1.5	WSW
9/26/2023 11:05:00				0.00	0.00	0.00	1.4	E
9/26/2023 11:06:00	13.8	18.1	4.3	0.00	0.00	0.00	1.4	SSE
9/26/2023 11:07:00	15.6	15.9	0.3	0.00	0.00	0.00	1.4	SE
9/26/2023 11:08:00	16.2	15.2	-1.0	0.00	0.00	0.00	1.4	E
9/26/2023 11:09:00	16.9	14.9	-2.0	0.00	0.00	0.00	1.4	ESE
9/26/2023 11:10:00	16.3	15.8	-0.5	0.00	0.00	0.00	1.4	NW
9/26/2023 11:11:00	15.8	16.4	0.6	0.00	0.01	0.01	1.4	SSE
9/26/2023 11:12:00	15.4	16.6	1.1	0.00	0.01	0.01	1.3	WSW
9/26/2023 11:13:00	15.6	16.2	0.6	0.00	0.01	0.01	1.4	SE
9/26/2023 11:14:00	15.3	16.4	1.1	0.00	0.01	0.01	1.4	SSE
9/26/2023 11:15:00	15.1	16.6	1.5	0.00	0.01	0.01	1.3	NW
9/26/2023 11:16:00	15.1	16.8	1.7	0.00	0.01	0.01	1.3	SW
9/26/2023 11:17:00	15.1	16.9	1.8	0.00	0.01	0.01	1.3	SW
9/26/2023 11:18:00	15.1	17.0	1.9	0.00	0.01	0.01	1.3	WNW
9/26/2023 11:19:00	15.3	17.0	1.7	0.00	0.01	0.01	1.3	W
9/26/2023 11:20:00				0.00	0.01	0.01	1.2	WNW
9/26/2023 11:21:00				0.00	0.01	0.01	1.3	NE
9/26/2023 11:22:00	15.4	15.7	0.3	0.00	0.01	0.01	1.3	NW
9/26/2023 11:23:00	15.3	15.4	0.1	0.00	0.01	0.01	1.3	SW
9/26/2023 11:24:00	15.9	15.2	-0.7	0.00	0.01	0.01	1.3	N