

DAILY FIELD REPORT 066

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	September 7, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 5:00 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 excavated an about 5-foot-long by 15-foot-wide area to about 3 feet below grade surface (bgs) in the central part of waste characterization grid WC03_0-5 to prepare for equipment mobilization. Excavated soil/fill was graded adjacent to the excavation area.
- Urban graded an about 100-foot-long by 100-foot-wide area of soil/fill in the northern part of grids WC03 and WC04 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 grouted and installed reinforcement for three caissons in the northern and eastern areas of the site.

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)
	78	1,560	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.

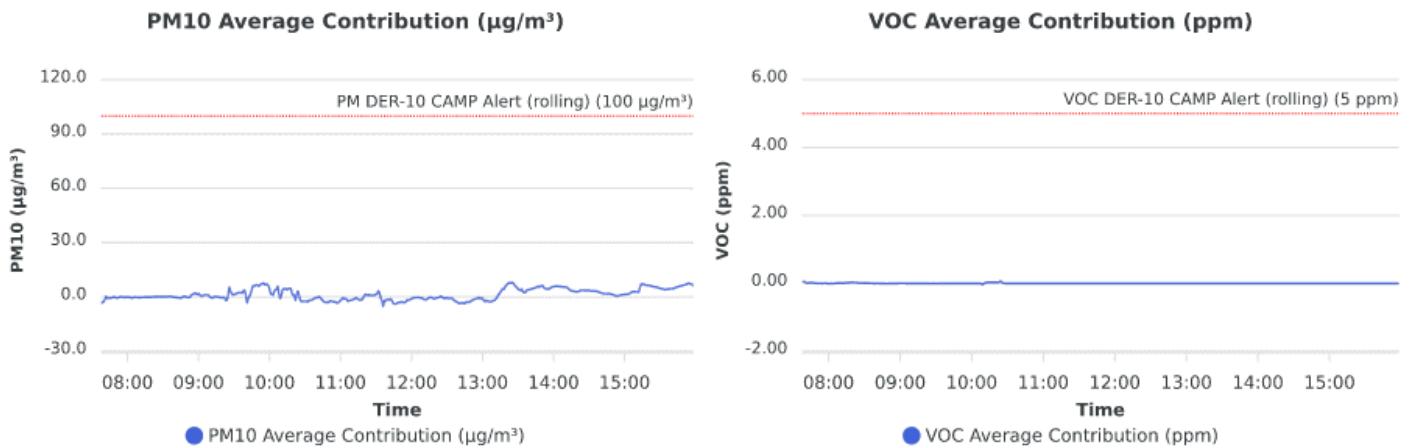
Air Monitoring:

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 $\mu\text{g}/\text{m}^3$ 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 $\mu\text{g}/\text{m}^3$ and 5 ppm, respectively, on this day.

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)		Organic Vapor Monitoring (ppm)	
Daily Background	14.9	Daily Background	0.00
0PM10 Average Site Contribution (Minimum)	-5.2	VOC Average Site Contribution (Minimum)	-0.04
PM10 Average Site Contribution (Maximum)	8.1	VOC Average Site Contribution (Maximum)	0.07

$\mu\text{g}/\text{m}^3$: 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 from WC03_0-5 and WC03_5-10.

Photo Log

Photo 1: View of Urban grading soil/fill in waste characterization grid WC03 (facing east).



Photo 2: View of Urban excavating soil/fill in waste characterization grid WC03 (facing northeast).



Photo 3: View of CAMP Station 1 in the northern part of the site (facing east).



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



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	9/7/2023 00:00
		To:	9/7/2023 22:00
		PM10 Action Level:	100.0 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5.00 ppm		

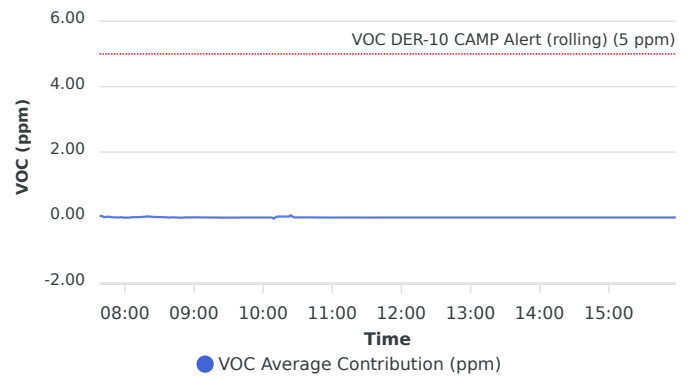
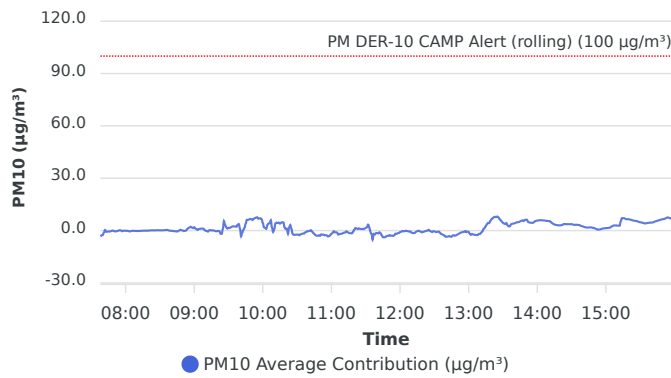
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
9/7/2023	0.1-5.9	W

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/7/2023	-5.2	11:36	-0.04	10:09
Max Contribution (15 min avg.) - 9/7/2023	8.1	13:25	0.07	10:24

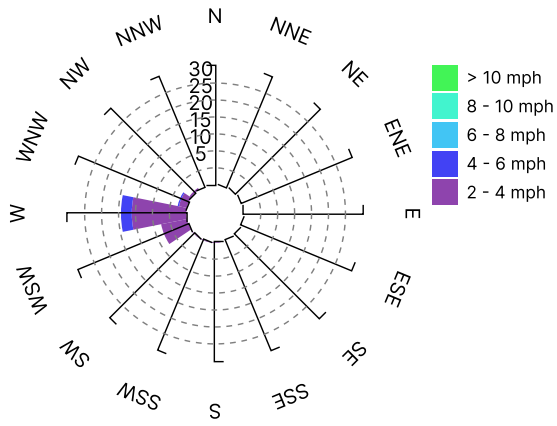


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
9/7/2023 07:38:00	14.9	11.6	-3.4	0.00	0.05	0.05	0.9	E
9/7/2023 07:39:00	14.4	11.8	-2.7	0.00	0.05	0.05	0.7	ENE
9/7/2023 07:40:00	14.5	11.9	-2.5	0.00	0.05	0.05	0.6	E
9/7/2023 07:41:00	14.1	12.9	-1.1	0.01	0.04	0.03	0.5	WSW
9/7/2023 07:42:00	13.8	14.1	0.3	0.02	0.03	0.01	0.4	W
9/7/2023 07:43:00	14.6	13.9	-0.7	0.02	0.03	0.02	0.4	ESE
9/7/2023 07:44:00	14.4	13.8	-0.6	0.02	0.04	0.02	0.5	E
9/7/2023 07:45:00	14.4	13.9	-0.5	0.02	0.04	0.02	0.5	E
9/7/2023 07:46:00	14.3	13.7	-0.6	0.02	0.04	0.03	0.6	ENE
9/7/2023 07:47:00	14.1	13.7	-0.4	0.02	0.04	0.02	0.5	W
9/7/2023 07:48:00	14.1	14.0	-0.1	0.03	0.04	0.01	0.5	SW
9/7/2023 07:49:00	14.3	14.3	0.0	0.03	0.04	0.01	0.5	SW
9/7/2023 07:50:00	14.4	14.0	-0.4	0.03	0.04	0.01	0.5	SW
9/7/2023 07:51:00	14.3	13.8	-0.5	0.03	0.03	0.00	0.5	WSW
9/7/2023 07:52:00	14.1	13.8	-0.4	0.03	0.04	0.01	0.5	NNE
9/7/2023 07:53:00	14.0	13.8	-0.2	0.03	0.04	0.00	0.5	NNE
9/7/2023 07:54:00	13.8	13.8	0.0	0.04	0.04	0.00	0.5	NE
9/7/2023 07:55:00	13.6	13.8	0.2	0.04	0.04	0.00	0.5	E
9/7/2023 07:56:00	13.5	13.5	0.0	0.04	0.04	0.01	0.5	E
9/7/2023 07:57:00	13.4	13.0	-0.4	0.04	0.04	0.01	0.5	SSW
9/7/2023 07:58:00	13.0	12.9	-0.1	0.04	0.04	0.00	0.6	SSW
9/7/2023 07:59:00	12.8	12.8	-0.1	0.04	0.04	0.00	0.5	SW
9/7/2023 08:00:00	12.7	12.5	-0.1	0.04	0.04	-0.01	0.5	WSW
9/7/2023 08:01:00	12.5	12.4	-0.1	0.04	0.04	-0.01	0.5	E
9/7/2023 08:02:00	12.4	12.2	-0.2	0.04	0.04	0.00	0.5	ESE
9/7/2023 08:03:00	12.3	11.9	-0.4	0.04	0.04	0.00	0.5	SSW
9/7/2023 08:04:00	11.9	11.4	-0.5	0.04	0.04	-0.01	0.5	W
9/7/2023 08:05:00	11.7	11.5	-0.2	0.04	0.04	0.00	0.5	E
9/7/2023 08:06:00	11.6	11.5	-0.1	0.04	0.04	0.01	0.6	ESE
9/7/2023 08:07:00	11.5	11.4	-0.2	0.04	0.04	0.01	0.6	ESE
9/7/2023 08:08:00	11.5	11.3	-0.2	0.04	0.04	0.01	0.7	ESE
9/7/2023 08:09:00	11.5	11.3	-0.2	0.03	0.04	0.01	0.7	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/7/2023 08:10:00	11.5	11.3	-0.3	0.03	0.04	0.01	0.7	ESE
9/7/2023 08:11:00	11.5	11.3	-0.2	0.03	0.04	0.01	0.7	ESE
9/7/2023 08:12:00	11.5	11.3	-0.2	0.03	0.04	0.01	0.7	S
9/7/2023 08:13:00	11.5	11.3	-0.2	0.03	0.04	0.01	0.7	E
9/7/2023 08:14:00	11.6	11.4	-0.1	0.03	0.05	0.02	0.8	ESE
9/7/2023 08:15:00	11.6	11.5	-0.1	0.03	0.05	0.02	0.8	E
9/7/2023 08:16:00	11.6	11.6	0.0	0.03	0.05	0.02	0.8	E
9/7/2023 08:17:00	11.6	11.6	-0.1	0.03	0.05	0.02	0.8	ENE
9/7/2023 08:18:00	11.7	11.6	-0.1	0.02	0.05	0.03	0.8	E
9/7/2023 08:19:00	11.7	11.6	-0.1	0.02	0.06	0.04	0.8	ESE
9/7/2023 08:20:00	11.6	11.6	0.0	0.02	0.05	0.03	0.8	E
9/7/2023 08:21:00	11.6	11.7	0.0	0.02	0.05	0.03	0.7	SW
9/7/2023 08:22:00	11.7	11.8	0.1	0.02	0.05	0.03	0.7	ESE
9/7/2023 08:23:00	11.7	11.8	0.2	0.02	0.05	0.03	0.7	E
9/7/2023 08:24:00	11.7	11.7	0.1	0.03	0.05	0.02	0.6	S
9/7/2023 08:25:00	11.7	11.8	0.1	0.03	0.05	0.02	0.6	WSW
9/7/2023 08:26:00	11.8	11.9	0.1	0.03	0.04	0.01	0.6	WSW
9/7/2023 08:27:00	11.8	11.9	0.1	0.03	0.05	0.02	0.6	E
9/7/2023 08:28:00	11.8	12.0	0.2	0.03	0.05	0.01	0.6	W
9/7/2023 08:29:00	11.8	11.9	0.1	0.03	0.05	0.01	0.5	E
9/7/2023 08:30:00	11.8	11.9	0.1	0.03	0.05	0.01	0.5	ESE
9/7/2023 08:31:00	11.9	12.1	0.1	0.03	0.05	0.01	0.5	ESE
9/7/2023 08:32:00	12.0	12.1	0.1	0.04	0.05	0.01	0.5	ESE
9/7/2023 08:33:00	12.0	12.2	0.2	0.04	0.04	0.01	0.5	ESE
9/7/2023 08:34:00	12.1	12.3	0.2	0.04	0.04	0.01	0.5	E
9/7/2023 08:35:00	12.2	12.4	0.3	0.04	0.04	0.01	0.5	S
9/7/2023 08:36:00	12.2	12.6	0.4	0.04	0.04	0.01	0.6	WNW
9/7/2023 08:37:00	12.3	12.5	0.3	0.04	0.04	0.00	0.6	W
9/7/2023 08:38:00	12.5	12.5	0.0	0.04	0.04	0.00	0.5	WNW
9/7/2023 08:39:00	12.7	12.6	-0.1	0.04	0.04	0.00	0.5	SSE
9/7/2023 08:40:00	12.8	12.6	-0.1	0.04	0.04	0.00	0.5	SE
9/7/2023 08:41:00	13.0	12.8	-0.2	0.04	0.04	0.01	0.5	E
9/7/2023 08:42:00	13.2	13.0	-0.3	0.04	0.04	0.00	0.5	W

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
9/7/2023 08:43:00	13.6	13.1	-0.4	0.04	0.04	0.00	0.5	W
9/7/2023 08:44:00	13.7	13.4	-0.4	0.04	0.04	0.00	0.5	SE
9/7/2023 08:45:00	14.1	13.5	-0.6	0.04	0.04	0.00	0.5	SE
9/7/2023 08:46:00	14.2	13.9	-0.3	0.04	0.04	0.00	0.4	NW
9/7/2023 08:47:00	14.3	14.4	0.1	0.05	0.04	0.00	0.4	W
9/7/2023 08:48:00	14.4	14.8	0.5	0.05	0.04	-0.01	0.4	NW
9/7/2023 08:49:00	14.7	14.9	0.1	0.05	0.04	-0.01	0.4	N
9/7/2023 08:50:00	15.0	15.0	0.0	0.05	0.05	0.00	0.4	ESE
9/7/2023 08:51:00	15.2	15.0	-0.3	0.05	0.05	0.00	0.3	ESE
9/7/2023 08:52:00	15.4	15.2	-0.2	0.05	0.05	0.00	0.3	NE
9/7/2023 08:53:00	15.4	15.5	0.1	0.05	0.05	0.00	0.3	WNW
9/7/2023 08:54:00	15.4	16.4	0.9	0.05	0.06	0.00	0.3	NW
9/7/2023 08:55:00	15.7	17.2	1.5	0.05	0.06	0.00	0.3	WSW
9/7/2023 08:56:00	15.7	17.5	1.8	0.05	0.06	0.00	0.4	S
9/7/2023 08:57:00	15.7	17.9	2.2	0.05	0.06	0.00	0.4	WSW
9/7/2023 08:58:00	16.1	17.8	1.7	0.05	0.06	0.00	0.3	E
9/7/2023 08:59:00	16.4	17.8	1.5	0.05	0.06	0.00	0.4	ENE
9/7/2023 09:00:00	16.2	18.1	1.9	0.05	0.06	0.00	0.4	NNW
9/7/2023 09:01:00	16.6	17.8	1.2	0.05	0.06	0.00	0.4	W
9/7/2023 09:02:00	16.7	17.5	0.8	0.05	0.06	0.01	0.4	WSW
9/7/2023 09:03:00	16.8	17.2	0.4	0.05	0.05	0.01	0.4	WSW
9/7/2023 09:04:00	16.6	17.5	0.9	0.05	0.05	0.00	0.4	SW
9/7/2023 09:05:00	16.8	17.8	1.0	0.05	0.05	0.00	0.4	NW
9/7/2023 09:06:00	16.9	18.0	1.1	0.05	0.05	0.00	0.3	WSW
9/7/2023 09:07:00	17.0	18.1	1.1	0.04	0.05	0.00	0.3	SE
9/7/2023 09:08:00	17.1	18.2	1.1	0.04	0.04	0.00	0.4	E
9/7/2023 09:09:00	17.1	17.4	0.4	0.04	0.04	0.00	0.4	SSE
9/7/2023 09:10:00	16.9	16.8	-0.1	0.04	0.04	0.00	0.4	SSW
9/7/2023 09:11:00	16.9	16.6	-0.2	0.04	0.04	0.00	0.4	S
9/7/2023 09:12:00	16.8	16.2	-0.6	0.04	0.04	0.00	0.3	SSW
9/7/2023 09:13:00	16.2	16.3	0.1	0.04	0.04	0.00	0.4	SSE
9/7/2023 09:14:00	15.9	16.2	0.3	0.04	0.04	0.00	0.3	ESE
9/7/2023 09:15:00	15.9	15.9	0.0	0.04	0.04	0.00	0.3	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/7/2023 09:16:00	15.6	15.8	0.2	0.03	0.03	0.00	0.3	E
9/7/2023 09:17:00	15.6	15.6	0.0	0.03	0.03	0.00	0.3	NE
9/7/2023 09:18:00	15.7	15.6	-0.1	0.03	0.03	0.00	0.3	E
9/7/2023 09:19:00	15.7	15.3	-0.4	0.03	0.03	0.00	0.3	ESE
9/7/2023 09:20:00	15.4	15.1	-0.3	0.03	0.03	0.00	0.3	SSE
9/7/2023 09:21:00	15.1	14.9	-0.2	0.03	0.03	0.00	0.3	WSW
9/7/2023 09:22:00	15.1	14.7	-0.3	0.02	0.02	0.00	0.3	NNE
9/7/2023 09:23:00	16.5	14.7	-1.8	0.02	0.02	0.00	0.3	SE
9/7/2023 09:24:00	16.7	14.8	-1.9	0.02	0.02	0.00	0.3	E
9/7/2023 09:25:00	16.9	17.7	0.8	0.02	0.01	-0.01	0.3	W
9/7/2023 09:26:00	17.0	22.5	5.5	0.02	0.01	-0.01	0.3	S
9/7/2023 09:27:00	19.3	22.6	3.3	0.01	0.01	0.00	0.3	N
9/7/2023 09:28:00	21.7	23.6	1.9	0.01	0.01	0.00	0.3	WSW
9/7/2023 09:29:00	23.2	24.3	1.2	0.01	0.01	0.00	0.3	SSE
9/7/2023 09:30:00	23.3	24.9	1.6	0.01	0.01	-0.01	0.3	SE
9/7/2023 09:31:00	23.4	24.9	1.5	0.01	0.01	0.00	0.4	N
9/7/2023 09:32:00	23.3	25.2	1.9	0.01	0.01	-0.01	0.4	SW
9/7/2023 09:33:00	23.1	25.3	2.2	0.01	0.01	0.00	0.4	WSW
9/7/2023 09:34:00	22.8	25.2	2.4	0.01	0.01	0.00	0.5	W
9/7/2023 09:35:00	22.8	25.2	2.4	0.01	0.00	0.00	0.5	WSW
9/7/2023 09:36:00	22.9	25.2	2.3	0.01	0.00	-0.01	0.5	W
9/7/2023 09:37:00	22.9	25.1	2.3	0.01	0.00	0.00	0.5	NE
9/7/2023 09:38:00	21.5	24.9	3.4	0.01	0.00	0.00	0.5	E
9/7/2023 09:39:00	21.2	24.9	3.7	0.01	0.00	0.00	0.6	W
9/7/2023 09:40:00	20.9	22.0	1.1	0.00	0.00	0.00	0.6	W
9/7/2023 09:41:00	20.6	17.3	-3.3	0.00	0.00	0.00	0.6	WSW
9/7/2023 09:42:00	18.3	17.1	-1.1	0.00	0.00	0.00	0.6	WSW
9/7/2023 09:43:00	15.8	16.2	0.4	0.00	0.00	0.00	0.6	W
9/7/2023 09:44:00	14.1	15.7	1.6	0.00	0.00	0.00	0.6	SW
9/7/2023 09:45:00	13.9	17.8	3.9	0.00	0.00	0.00	0.6	WSW
9/7/2023 09:46:00	13.7	19.9	6.1	0.00	0.00	0.00	0.6	W
9/7/2023 09:47:00	14.3	20.4	6.1	0.00	0.00	0.00	0.6	WSW
9/7/2023 09:48:00	14.4	20.8	6.4	0.00	0.00	0.00	0.6	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
9/7/2023 09:49:00	14.5	21.2	6.7	0.00	0.00	0.00	0.6	NW
9/7/2023 09:50:00	14.8	21.3	6.5	0.00	0.00	0.00	0.6	ENE
9/7/2023 09:51:00	15.3	21.4	6.0	0.00	0.00	0.00	0.6	NE
9/7/2023 09:52:00	15.3	22.1	6.8	0.00	0.00	0.00	0.6	S
9/7/2023 09:53:00	15.3	22.4	7.1	0.00	0.00	0.00	0.6	SE
9/7/2023 09:54:00	15.5	22.9	7.5	0.00	0.00	0.00	0.6	SSW
9/7/2023 09:55:00	15.7	23.4	7.6	0.00	0.00	0.00	0.6	SSW
9/7/2023 09:56:00	16.5	23.3	6.8	0.00	0.00	0.00	0.6	WNW
9/7/2023 09:57:00	16.6	23.5	6.9	0.00	0.00	0.00	0.6	NW
9/7/2023 09:58:00	16.7	23.8	7.1	0.00	0.00	0.00	0.6	NNW
9/7/2023 09:59:00	17.0	23.4	6.4	0.00	0.00	0.00	0.6	NW
9/7/2023 10:00:00	16.9	21.2	4.3	0.00	0.00	0.00	0.6	N
9/7/2023 10:01:00	17.2	19.1	1.9	0.00	0.00	0.00	0.6	SSW
9/7/2023 10:02:00	16.9	18.5	1.5	0.00	0.00	0.00	0.6	WNW
9/7/2023 10:03:00	17.1	18.1	1.0	0.00	0.00	0.00	0.6	E
9/7/2023 10:04:00	17.2	20.4	3.2	0.00	0.00	0.00	0.5	SSW
9/7/2023 10:05:00	17.1	21.1	4.0	0.00	0.00	0.00	0.5	W
9/7/2023 10:06:00	17.0	21.2	4.2	0.00	0.00	0.00	0.5	NNW
9/7/2023 10:07:00	17.3	23.2	5.9	0.00	0.00	0.00	0.5	NW
9/7/2023 10:08:00	21.4	23.2	1.7	0.01	0.00	-0.01	0.5	E
9/7/2023 10:09:00	24.0	23.2	-0.9	0.04	0.00	-0.04	0.5	E
9/7/2023 10:10:00	24.6	25.3	0.8	0.04	0.03	-0.01	0.5	WNW
9/7/2023 10:11:00	24.1	28.2	4.1	0.04	0.05	0.01	0.5	WSW
9/7/2023 10:12:00	24.1	28.7	4.6	0.04	0.07	0.03	0.5	W
9/7/2023 10:13:00	24.1	28.5	4.3	0.04	0.07	0.03	0.5	W
9/7/2023 10:14:00	24.1	28.6	4.5	0.04	0.07	0.03	0.5	W
9/7/2023 10:15:00	24.4	28.4	4.0	0.04	0.07	0.03	0.6	WNW
9/7/2023 10:16:00	24.1	28.7	4.5	0.04	0.07	0.03	0.6	W
9/7/2023 10:17:00	24.0	28.7	4.8	0.04	0.07	0.03	0.6	W
9/7/2023 10:18:00	23.9	28.6	4.7	0.04	0.07	0.03	0.6	WNW
9/7/2023 10:19:00	24.1	25.9	1.8	0.04	0.07	0.03	0.7	SW
9/7/2023 10:20:00	24.3	25.2	0.9	0.04	0.07	0.03	0.7	SW
9/7/2023 10:21:00	24.1	25.2	1.1	0.04	0.07	0.03	0.7	SW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/7/2023 10:22:00	25.1	23.2	-1.9	0.04	0.07	0.03	0.7	WNW
9/7/2023 10:23:00	21.6	23.4	1.8	0.03	0.07	0.04	0.8	W
9/7/2023 10:24:00	19.8	23.0	3.2	0.00	0.07	0.07	0.8	WSW
9/7/2023 10:25:00	19.4	20.4	1.0	0.00	0.04	0.04	0.8	NW
9/7/2023 10:26:00	19.5	17.6	-1.9	0.00	0.02	0.02	0.8	SSE
9/7/2023 10:27:00	19.6	17.2	-2.4	0.00	0.01	0.01	0.8	W
9/7/2023 10:28:00	19.7	17.3	-2.4	0.00	0.00	0.00	0.8	WNW
9/7/2023 10:29:00	19.7	17.4	-2.3	0.00	0.00	0.00	0.7	W
9/7/2023 10:30:00	19.7	17.4	-2.3	0.00	0.00	0.00	0.7	W
9/7/2023 10:31:00	19.9	17.6	-2.3	0.00	0.00	0.00	0.7	WSW
9/7/2023 10:32:00	20.2	17.5	-2.7	0.00	0.00	0.00	0.7	NW
9/7/2023 10:33:00	20.1	18.0	-2.1	0.00	0.00	0.00	0.7	ESE
9/7/2023 10:34:00	20.5	18.6	-1.9	0.00	0.00	0.00	0.7	E
9/7/2023 10:35:00	20.6	18.9	-1.7	0.00	0.00	0.00	0.7	WSW
9/7/2023 10:36:00	20.5	18.8	-1.7	0.00	0.00	0.00	0.7	W
9/7/2023 10:37:00	19.1	18.1	-1.1	0.00	0.00	0.00	0.7	WSW
9/7/2023 10:38:00	18.5	17.7	-0.8	0.00	0.00	0.00	0.7	WSW
9/7/2023 10:39:00	17.7	17.4	-0.3	0.00	0.00	0.00	0.6	ESE
9/7/2023 10:40:00	17.6	17.2	-0.4	0.00	0.00	0.00	0.6	ESE
9/7/2023 10:41:00	17.2	17.1	-0.1	0.00	0.00	0.00	0.6	WNW
9/7/2023 10:42:00	17.0	17.2	0.2	0.00	0.00	0.00	0.6	WSW
9/7/2023 10:43:00	17.4	16.9	-0.5	0.00	0.00	0.00	0.6	ESE
9/7/2023 10:44:00	17.8	16.5	-1.3	0.00	0.00	0.00	0.5	N
9/7/2023 10:45:00	18.0	16.1	-1.9	0.00	0.00	0.00	0.5	NW
9/7/2023 10:46:00	18.3	15.6	-2.6	0.00	0.00	0.00	0.5	E
9/7/2023 10:47:00	18.4	15.5	-2.9	0.00	0.00	0.00	0.5	E
9/7/2023 10:48:00	18.1	15.1	-3.0	0.00	0.00	0.00	0.5	SW
9/7/2023 10:49:00	17.3	14.6	-2.7	0.00	0.00	0.00	0.4	S
9/7/2023 10:50:00	17.1	14.0	-3.0	0.00	0.00	0.00	0.4	ESE
9/7/2023 10:51:00	16.8	14.6	-2.2	0.00	0.00	0.00	0.4	W
9/7/2023 10:52:00	17.2	14.8	-2.4	0.00	0.00	0.00	0.4	ESE
9/7/2023 10:53:00	17.3	15.0	-2.3	0.00	0.00	0.00	0.4	NE
9/7/2023 10:54:00	17.9	15.2	-2.7	0.00	0.00	0.00	0.4	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
9/7/2023 10:55:00	18.0	15.4	-2.6	0.00	0.00	0.00	0.4	E
9/7/2023 10:56:00	18.0	15.3	-2.8	0.00	0.00	0.00	0.4	E
9/7/2023 10:57:00	18.3	14.9	-3.4	0.00	0.00	0.00	0.4	W
9/7/2023 10:58:00	18.3	15.1	-3.2	0.00	0.00	0.00	0.4	E
9/7/2023 10:59:00	17.9	15.3	-2.6	0.00	0.00	0.00	0.5	E
9/7/2023 11:00:00	17.4	15.6	-1.8	0.00	0.00	0.00	0.5	SE
9/7/2023 11:01:00	17.0	15.7	-1.3	0.00	0.00	0.00	0.5	ENE
9/7/2023 11:02:00	16.6	16.2	-0.4	0.00	0.00	0.00	0.5	WNW
9/7/2023 11:03:00	17.1	16.1	-1.0	0.00	0.00	0.00	0.5	ENE
9/7/2023 11:04:00	17.2	16.2	-0.9	0.00	0.00	0.00	0.5	SW
9/7/2023 11:05:00	17.4	16.2	-1.2	0.00	0.00	0.00	0.5	NW
9/7/2023 11:06:00	18.1	15.8	-2.3	0.00	0.00	0.00	0.5	NNE
9/7/2023 11:07:00	18.0	15.9	-2.0	0.00	0.00	0.00	0.5	SSE
9/7/2023 11:08:00	17.9	16.0	-1.9	0.00	0.00	0.00	0.5	ENE
9/7/2023 11:09:00				0.00	0.00	0.00	0.5	E
9/7/2023 11:10:00				0.00	0.00	0.00	0.5	E
9/7/2023 11:11:00				0.00	0.00	0.00	0.5	NE
9/7/2023 11:12:00	14.8	13.7	-1.1	0.00	0.00	0.00	0.5	ENE
9/7/2023 11:13:00	14.6	14.1	-0.5	0.00	0.00	0.00	0.6	ENE
9/7/2023 11:14:00	14.7	13.9	-0.8	0.00	0.00	0.00	0.6	NE
9/7/2023 11:15:00	14.9	13.6	-1.3	0.00	0.00	0.00	0.6	ENE
9/7/2023 11:16:00	14.9	13.4	-1.5	0.00	0.00	0.00	0.6	ESE
9/7/2023 11:17:00	14.8	13.3	-1.6	0.00	0.00	0.00	0.6	NNE
9/7/2023 11:18:00	14.6	13.1	-1.6	0.00	0.00	0.00	0.6	NNE
9/7/2023 11:19:00	14.3	13.7	-0.6	0.00	0.00	0.00	0.6	W
9/7/2023 11:20:00	14.1	14.7	0.6	0.00	0.00	0.00	0.6	WSW
9/7/2023 11:21:00	13.9	15.3	1.4	0.00	0.00	0.00	0.7	W
9/7/2023 11:22:00	13.9	15.1	1.2	0.00	0.00	0.00	0.8	NW
9/7/2023 11:23:00	14.0	14.9	0.9	0.00	0.00	0.00	0.8	WNW
9/7/2023 11:24:00	14.3	15.5	1.3	0.00	0.00	0.00	0.8	W
9/7/2023 11:25:00	14.4	15.4	1.0	0.00	0.00	0.00	0.9	WNW
9/7/2023 11:26:00	14.5	15.4	0.9	0.00	0.00	0.00	0.9	WSW
9/7/2023 11:27:00	14.5	15.5	0.9	0.00	0.00	0.00	1.0	W

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
9/7/2023 11:28:00	14.6	15.4	0.8	0.00	0.00	0.00	0.9	SSE
9/7/2023 11:29:00	14.5	15.7	1.1	0.00	0.00	0.00	0.9	S
9/7/2023 11:30:00	14.3	15.9	1.6	0.00	0.00	0.00	0.9	SSE
9/7/2023 11:31:00	14.4	16.3	1.8	0.00	0.00	0.00	1.0	SW
9/7/2023 11:32:00	14.4	17.8	3.4	0.00	0.00	0.00	1.0	ENE
9/7/2023 11:33:00				0.00	0.00	0.00	1.0	W
9/7/2023 11:34:00				0.00	0.00	0.00	1.1	W
9/7/2023 11:35:00	14.0	12.2	-1.8	0.00	0.00	0.00	1.1	WNW
9/7/2023 11:36:00	17.6	12.4	-5.2	0.00	0.00	0.00	1.1	ESE
9/7/2023 11:37:00	15.7	13.8	-1.9	0.00	0.00	0.00	1.0	SE
9/7/2023 11:38:00	15.9	13.7	-2.2	0.00	0.00	0.00	1.0	SE
9/7/2023 11:39:00	15.4	13.9	-1.5	0.00	0.00	0.00	1.0	WSW
9/7/2023 11:40:00	15.2	13.8	-1.4	0.00	0.00	0.00	0.9	E
9/7/2023 11:41:00	15.3	13.7	-1.6	0.00	0.00	0.00	1.0	E
9/7/2023 11:42:00	15.2	14.2	-1.0	0.00	0.00	0.00	1.0	SSE
9/7/2023 11:43:00	15.8	14.2	-1.5	0.00	0.00	0.00	1.0	NE
9/7/2023 11:44:00	16.9	14.2	-2.7	0.00	0.00	0.00	1.0	E
9/7/2023 11:45:00	17.9	14.2	-3.8	0.00	0.00	0.00	1.0	NE
9/7/2023 11:46:00	17.9	14.1	-3.9	0.00	0.00	0.00	1.0	SE
9/7/2023 11:47:00	17.7	13.9	-3.8	0.00	0.00	0.00	1.0	SE
9/7/2023 11:48:00	17.4	14.1	-3.2	0.00	0.00	0.00	0.9	SSE
9/7/2023 11:49:00	17.2	14.2	-3.0	0.00	0.00	0.00	0.9	SW
9/7/2023 11:50:00	17.3	14.2	-3.0	0.00	0.00	0.00	0.9	W
9/7/2023 11:51:00	16.7	14.2	-2.6	0.00	0.00	0.00	0.9	WNW
9/7/2023 11:52:00	16.8	13.8	-3.0	0.00	0.00	0.00	1.0	WNW
9/7/2023 11:53:00	16.6	13.7	-2.9	0.00	0.00	0.00	1.0	SSW
9/7/2023 11:54:00	16.6	13.5	-3.1	0.00	0.00	0.00	1.0	WNW
9/7/2023 11:55:00	16.5	13.8	-2.7	0.00	0.00	0.00	1.0	SSW
9/7/2023 11:56:00	16.3	14.5	-1.8	0.00	0.00	0.00	0.9	SW
9/7/2023 11:57:00	16.2	14.3	-1.9	0.00	0.00	0.00	0.9	W
9/7/2023 11:58:00	15.7	14.2	-1.5	0.00	0.00	0.00	0.9	SE
9/7/2023 11:59:00	15.5	14.1	-1.4	0.00	0.00	0.00	0.9	E
9/7/2023 12:00:00	14.8	14.0	-0.9	0.00	0.00	0.00	0.9	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/7/2023 12:01:00	14.7	14.0	-0.7	0.00	0.00	0.00	0.9	E
9/7/2023 12:02:00	14.4	14.2	-0.3	0.00	0.00	0.00	0.9	SE
9/7/2023 12:03:00	14.4	14.0	-0.4	0.00	0.00	0.00	0.9	WSW
9/7/2023 12:04:00	14.1	13.7	-0.4	0.00	0.00	0.00	1.0	SW
9/7/2023 12:05:00	13.8	13.7	-0.1	0.00	0.00	0.00	0.9	W
9/7/2023 12:06:00	13.9	13.7	-0.2	0.00	0.00	0.00	0.9	WSW
9/7/2023 12:07:00	14.1	13.7	-0.4	0.00	0.00	0.00	0.9	WSW
9/7/2023 12:08:00	14.3	13.7	-0.6	0.00	0.00	0.00	0.9	SSW
9/7/2023 12:09:00	14.4	13.8	-0.5	0.00	0.00	0.00	0.9	WNW
9/7/2023 12:10:00	14.6	13.5	-1.1	0.00	0.00	0.00	1.0	ENE
9/7/2023 12:11:00	14.7	13.2	-1.5	0.00	0.00	0.00	0.9	NE
9/7/2023 12:12:00	14.8	13.4	-1.4	0.00	0.00	0.00	0.9	E
9/7/2023 12:13:00	15.1	13.8	-1.3	0.00	0.00	0.00	0.9	NE
9/7/2023 12:14:00	14.6	13.9	-0.7	0.00	0.00	0.00	1.0	E
9/7/2023 12:15:00	14.4	14.0	-0.3	0.00	0.00	0.00	1.0	E
9/7/2023 12:16:00	14.3	14.3	-0.1	0.00	0.00	0.00	1.0	NNE
9/7/2023 12:17:00	14.5	14.2	-0.4	0.00	0.00	0.00	1.0	NNW
9/7/2023 12:18:00	14.6	14.0	-0.6	0.00	0.00	0.00	0.9	E
9/7/2023 12:19:00	14.9	13.9	-1.0	0.00	0.00	0.00	0.9	E
9/7/2023 12:20:00	15.1	14.3	-0.8	0.00	0.00	0.00	0.9	SW
9/7/2023 12:21:00	15.0	14.4	-0.6	0.00	0.00	0.00	0.8	W
9/7/2023 12:22:00	15.0	14.6	-0.4	0.00	0.00	0.00	0.8	WSW
9/7/2023 12:23:00	14.8	14.6	-0.2	0.00	0.00	0.00	0.9	NW
9/7/2023 12:24:00	14.6	14.7	0.0	0.00	0.00	0.00	0.8	ESE
9/7/2023 12:25:00	14.3	14.7	0.4	0.00	0.00	0.00	0.8	ENE
9/7/2023 12:26:00	14.4	14.3	-0.2	0.00	0.00	0.00	0.9	W
9/7/2023 12:27:00	14.4	13.9	-0.5	0.00	0.00	0.00	0.9	W
9/7/2023 12:28:00	14.3	13.5	-0.8	0.00	0.00	0.00	0.9	W
9/7/2023 12:29:00	13.9	13.5	-0.4	0.00	0.00	0.00	0.9	N
9/7/2023 12:30:00	13.8	13.3	-0.4	0.00	0.00	0.00	0.8	WSW
9/7/2023 12:31:00	13.8	13.1	-0.7	0.00	0.00	0.00	0.9	W
9/7/2023 12:32:00	13.7	12.9	-0.8	0.00	0.00	0.00	0.9	SSE
9/7/2023 12:33:00	13.7	13.1	-0.6	0.00	0.00	0.00	1.0	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/7/2023 12:34:00	13.8	13.2	-0.6	0.00	0.00	0.00	1.0	NW
9/7/2023 12:35:00	14.3	13.1	-1.3	0.00	0.00	0.00	1.0	NW
9/7/2023 12:36:00	15.0	13.1	-2.0	0.00	0.00	0.00	1.0	W
9/7/2023 12:37:00	15.3	13.1	-2.2	0.00	0.00	0.00	1.1	WSW
9/7/2023 12:38:00	15.5	13.0	-2.6	0.00	0.00	0.00	1.1	W
9/7/2023 12:39:00	16.0	13.0	-3.0	0.00	0.00	0.00	1.2	WSW
9/7/2023 12:40:00	16.3	12.8	-3.6	0.00	0.00	0.00	1.3	WSW
9/7/2023 12:41:00	16.3	12.8	-3.5	0.00	0.00	0.00	1.4	W
9/7/2023 12:42:00	16.3	12.9	-3.4	0.00	0.00	0.00	1.4	W
9/7/2023 12:43:00	16.2	13.1	-3.1	0.00	0.00	0.00	1.4	W
9/7/2023 12:44:00	16.4	12.9	-3.5	0.00	0.00	0.00	1.5	W
9/7/2023 12:45:00	16.4	12.9	-3.5	0.00	0.00	0.00	1.6	W
9/7/2023 12:46:00	16.3	13.4	-2.9	0.00	0.00	0.00	1.6	SW
9/7/2023 12:47:00	16.1	13.4	-2.7	0.00	0.00	0.00	1.7	W
9/7/2023 12:48:00	16.1	13.1	-3.0	0.00	0.00	0.00	1.7	WSW
9/7/2023 12:49:00	15.7	13.0	-2.7	0.00	0.00	0.00	1.7	W
9/7/2023 12:50:00	15.0	12.7	-2.4	0.00	0.00	0.00	1.9	WSW
9/7/2023 12:51:00	14.3	12.4	-1.9	0.00	0.00	0.00	1.9	WSW
9/7/2023 12:52:00	13.7	12.1	-1.6	0.00	0.00	0.00	2.0	WSW
9/7/2023 12:53:00	13.2	11.9	-1.2	0.00	0.00	0.00	1.9	W
9/7/2023 12:54:00	12.6	11.6	-1.0	0.00	0.00	0.00	1.9	W
9/7/2023 12:55:00	12.2	11.4	-0.8	0.00	0.00	0.00	1.9	W
9/7/2023 12:56:00	11.9	11.2	-0.7	0.00	0.00	0.00	1.8	S
9/7/2023 12:57:00	11.6	11.3	-0.3	0.00	0.00	0.00	1.7	E
9/7/2023 12:58:00	11.8	11.0	-0.9	0.00	0.00	0.00	1.7	W
9/7/2023 12:59:00	11.7	11.1	-0.6	0.00	0.00	0.00	1.6	E
9/7/2023 13:00:00	11.8	11.0	-0.8	0.00	0.00	0.00	1.6	W
9/7/2023 13:01:00	12.2	10.3	-1.9	0.00	0.00	0.00	1.7	WSW
9/7/2023 13:02:00	12.6	10.2	-2.4	0.00	0.00	0.00	1.7	WSW
9/7/2023 13:03:00	12.4	10.5	-2.0	0.00	0.00	0.00	1.7	NW
9/7/2023 13:04:00	12.6	10.4	-2.2	0.00	0.00	0.00	1.7	W
9/7/2023 13:05:00	12.8	10.4	-2.4	0.00	0.00	0.00	1.6	WNW
9/7/2023 13:06:00	12.9	10.4	-2.5	0.00	0.00	0.00	1.5	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
9/7/2023 13:07:00	13.2	10.6	-2.6	0.00	0.00	0.00	1.6	NW
9/7/2023 13:08:00	13.5	11.0	-2.5	0.00	0.00	0.00	1.8	WNW
9/7/2023 13:09:00	13.8	11.9	-1.9	0.00	0.00	0.00	1.8	W
9/7/2023 13:10:00	14.1	12.2	-1.9	0.00	0.00	0.00	1.9	W
9/7/2023 13:11:00	14.6	13.4	-1.1	0.00	0.00	0.00	2.0	WNW
9/7/2023 13:12:00	14.9	14.5	-0.5	0.00	0.00	0.00	2.0	WNW
9/7/2023 13:13:00	14.7	15.6	0.9	0.00	0.00	0.00	2.0	WSW
9/7/2023 13:14:00	15.1	16.7	1.6	0.00	0.00	0.00	2.1	W
9/7/2023 13:15:00	15.2	17.8	2.6	0.00	0.00	0.00	2.1	W
9/7/2023 13:16:00	15.2	18.8	3.7	0.00	0.00	0.00	2.2	WSW
9/7/2023 13:17:00	15.2	19.7	4.4	0.00	0.00	0.00	2.1	WNW
9/7/2023 13:18:00	15.9	20.2	4.3	0.00	0.00	0.00	2.1	SW
9/7/2023 13:19:00	16.1	21.7	5.6	0.00	0.00	0.00	2.0	SW
9/7/2023 13:20:00	16.4	22.9	6.5	0.00	0.00	0.00	2.0	WSW
9/7/2023 13:21:00	16.5	23.6	7.1	0.00	0.00	0.00	2.0	NW
9/7/2023 13:22:00	16.4	24.0	7.6	0.00	0.00	0.00	2.0	W
9/7/2023 13:23:00	16.1	24.0	7.9	0.00	0.00	0.00	1.9	NW
9/7/2023 13:24:00	15.8	23.6	7.7	0.00	0.00	0.00	1.9	WNW
9/7/2023 13:25:00	15.5	23.5	8.1	0.00	0.00	0.00	1.8	W
9/7/2023 13:26:00	15.1	22.7	7.6	0.00	0.00	0.00	1.8	W
9/7/2023 13:27:00	14.9	21.5	6.6	0.00	0.00	0.00	1.8	WNW
9/7/2023 13:28:00	14.7	20.6	5.9	0.00	0.00	0.00	1.8	WSW
9/7/2023 13:29:00	14.3	19.4	5.2	0.00	0.00	0.00	1.8	W
9/7/2023 13:30:00	14.0	18.4	4.4	0.00	0.00	0.00	1.7	NW
9/7/2023 13:31:00	13.5	17.5	4.0	0.00	0.00	0.00	1.7	W
9/7/2023 13:32:00	13.2	16.9	3.8	0.00	0.00	0.00	1.7	WSW
9/7/2023 13:33:00	12.6	16.9	4.3	0.00	0.00	0.00	1.7	NNE
9/7/2023 13:34:00	12.6	15.5	3.0	0.00	0.00	0.00	1.8	W
9/7/2023 13:35:00	12.0	14.5	2.5	0.00	0.00	0.00	1.7	SE
9/7/2023 13:36:00	11.7	14.1	2.4	0.00	0.00	0.00	1.7	WSW
9/7/2023 13:37:00	11.6	15.1	3.5	0.00	0.00	0.00	1.8	W
9/7/2023 13:38:00	11.6	15.5	3.9	0.00	0.00	0.00	1.8	W
9/7/2023 13:39:00	11.8	15.8	4.0	0.00	0.00	0.00	1.8	SW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/7/2023 13:40:00	12.0	16.2	4.2	0.00	0.00	0.00	1.9	W
9/7/2023 13:41:00	12.1	16.5	4.4	0.00	0.00	0.00	2.0	WSW
9/7/2023 13:42:00	12.1	16.8	4.7	0.00	0.00	0.00	2.1	WSW
9/7/2023 13:43:00	12.4	17.1	4.7	0.00	0.00	0.00	2.2	WSW
9/7/2023 13:44:00	12.4	17.4	5.0	0.00	0.00	0.00	2.3	W
9/7/2023 13:45:00	12.3	17.6	5.3	0.00	0.00	0.00	2.5	W
9/7/2023 13:46:00	12.3	17.9	5.6	0.00	0.00	0.00	2.5	SSW
9/7/2023 13:47:00	12.2	18.0	5.8	0.00	0.00	0.00	2.6	WSW
9/7/2023 13:48:00	12.1	17.6	5.5	0.00	0.00	0.00	2.6	WSW
9/7/2023 13:49:00	11.7	17.7	6.0	0.00	0.00	0.00	2.7	W
9/7/2023 13:50:00	11.6	17.8	6.2	0.00	0.00	0.00	2.8	W
9/7/2023 13:51:00	11.6	17.7	6.2	0.00	0.00	0.00	2.9	W
9/7/2023 13:52:00	11.6	16.6	5.0	0.00	0.00	0.00	2.8	NW
9/7/2023 13:53:00	11.6	16.2	4.6	0.00	0.00	0.00	2.9	W
9/7/2023 13:54:00	11.4	15.9	4.5	0.00	0.00	0.00	3.0	W
9/7/2023 13:55:00	11.0	15.5	4.5	0.00	0.00	0.00	2.9	W
9/7/2023 13:56:00	10.9	15.3	4.4	0.00	0.00	0.00	3.0	W
9/7/2023 13:57:00	10.6	15.4	4.7	0.00	0.00	0.00	2.9	WSW
9/7/2023 13:58:00	10.0	15.4	5.3	0.00	0.00	0.00	2.8	WSW
9/7/2023 13:59:00	9.8	15.4	5.6	0.00	0.00	0.00	2.7	WNW
9/7/2023 14:00:00	9.7	15.4	5.7	0.00	0.00	0.00	2.7	W
9/7/2023 14:01:00	9.5	15.3	5.8	0.00	0.00	0.00	2.7	WSW
9/7/2023 14:02:00	9.3	15.2	5.9	0.00	0.00	0.00	2.7	W
9/7/2023 14:03:00	9.2	15.1	6.0	0.00	0.00	0.00	2.8	W
9/7/2023 14:04:00	9.2	15.1	5.9	0.00	0.00	0.00	2.7	WSW
9/7/2023 14:05:00	9.2	15.0	5.8	0.00	0.00	0.00	2.7	WSW
9/7/2023 14:06:00	9.1	15.0	5.8	0.00	0.00	0.00	2.7	W
9/7/2023 14:07:00	9.1	14.8	5.7	0.00	0.00	0.00	2.7	W
9/7/2023 14:08:00	9.1	14.6	5.5	0.00	0.00	0.00	2.6	W
9/7/2023 14:09:00	9.0	14.6	5.5	0.00	0.00	0.00	2.5	W
9/7/2023 14:10:00	9.0	14.5	5.4	0.00	0.00	0.00	2.5	W
9/7/2023 14:11:00	9.0	14.4	5.4	0.00	0.00	0.00	2.4	WSW
9/7/2023 14:12:00	9.2	14.0	4.8	0.00	0.00	0.00	2.4	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
9/7/2023 14:13:00	9.4	13.7	4.3	0.00	0.00	0.00	2.5	WSW
9/7/2023 14:14:00	9.6	13.4	3.8	0.00	0.00	0.00	2.5	W
9/7/2023 14:15:00	9.7	13.2	3.5	0.00	0.00	0.00	2.4	WSW
9/7/2023 14:16:00	9.9	13.2	3.3	0.00	0.00	0.00	2.4	W
9/7/2023 14:17:00	9.9	13.1	3.2	0.00	0.00	0.00	2.4	W
9/7/2023 14:18:00	9.9	13.0	3.0	0.00	0.00	0.00	2.4	W
9/7/2023 14:19:00	9.9	12.8	3.0	0.00	0.00	0.00	2.4	WSW
9/7/2023 14:20:00	9.8	12.9	3.0	0.00	0.00	0.00	2.4	WSW
9/7/2023 14:21:00	9.9	12.9	3.0	0.00	0.00	0.00	2.5	WSW
9/7/2023 14:22:00	9.9	13.2	3.3	0.00	0.00	0.00	2.5	W
9/7/2023 14:23:00	9.9	13.7	3.7	0.00	0.00	0.00	2.8	W
9/7/2023 14:24:00	9.9	13.7	3.7	0.00	0.00	0.00	2.8	WSW
9/7/2023 14:25:00	10.0	13.7	3.7	0.00	0.00	0.00	2.7	W
9/7/2023 14:26:00	9.9	13.6	3.6	0.00	0.00	0.00	2.7	W
9/7/2023 14:27:00	9.8	13.5	3.7	0.00	0.00	0.00	2.8	W
9/7/2023 14:28:00	9.8	13.5	3.6	0.00	0.00	0.00	2.9	WSW
9/7/2023 14:29:00	9.8	13.5	3.6	0.00	0.00	0.00	2.8	S
9/7/2023 14:30:00	9.7	13.4	3.7	0.00	0.00	0.00	2.8	WSW
9/7/2023 14:31:00	10.0	13.5	3.5	0.00	0.00	0.00	2.9	W
9/7/2023 14:32:00	10.2	13.5	3.3	0.00	0.00	0.00	2.9	WSW
9/7/2023 14:33:00	10.2	13.5	3.3	0.00	0.00	0.00	2.9	WSW
9/7/2023 14:34:00	10.2	13.6	3.4	0.00	0.00	0.00	2.8	WNW
9/7/2023 14:35:00	10.3	13.6	3.2	0.00	0.00	0.00	2.9	W
9/7/2023 14:36:00	10.3	13.6	3.2	0.00	0.00	0.00	2.9	W
9/7/2023 14:37:00	10.3	13.4	3.1	0.00	0.00	0.00	2.8	WSW
9/7/2023 14:38:00	10.2	12.9	2.7	0.00	0.00	0.00	2.6	WSW
9/7/2023 14:39:00	10.3	12.8	2.5	0.00	0.00	0.00	2.7	W
9/7/2023 14:40:00	10.3	12.7	2.4	0.00	0.00	0.00	2.8	W
9/7/2023 14:41:00	10.5	12.6	2.1	0.00	0.00	0.00	3.0	W
9/7/2023 14:42:00	10.8	12.7	1.9	0.00	0.00	0.00	3.0	W
9/7/2023 14:43:00	10.8	12.6	1.8	0.00	0.00	0.00	3.0	W
9/7/2023 14:44:00	10.9	12.6	1.8	0.00	0.00	0.00	3.0	W
9/7/2023 14:45:00	10.9	12.7	1.8	0.00	0.00	0.00	3.0	W

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
9/7/2023 14:46:00	10.6	12.5	1.9	0.00	0.00	0.00	3.0	W
9/7/2023 14:47:00	10.5	12.4	1.8	0.00	0.00	0.00	3.1	W
9/7/2023 14:48:00	10.5	12.2	1.7	0.00	0.00	0.00	3.1	W
9/7/2023 14:49:00	10.5	12.0	1.5	0.00	0.00	0.00	3.1	WSW
9/7/2023 14:50:00	10.5	11.9	1.4	0.00	0.00	0.00	3.2	W
9/7/2023 14:51:00	10.6	11.7	1.1	0.00	0.00	0.00	3.1	WNW
9/7/2023 14:52:00	10.7	11.5	0.8	0.00	0.00	0.00	3.1	WSW
9/7/2023 14:53:00	10.8	11.4	0.6	0.00	0.00	0.00	3.2	WSW
9/7/2023 14:54:00	10.7	11.3	0.6	0.00	0.00	0.00	3.2	W
9/7/2023 14:55:00	10.6	11.3	0.7	0.00	0.00	0.00	3.3	W
9/7/2023 14:56:00	10.4	11.3	0.9	0.00	0.00	0.00	3.1	W
9/7/2023 14:57:00	10.0	11.2	1.1	0.00	0.00	0.00	3.1	W
9/7/2023 14:58:00	9.9	11.1	1.2	0.00	0.00	0.00	3.2	W
9/7/2023 14:59:00	9.7	11.1	1.4	0.00	0.00	0.00	3.3	WNW
9/7/2023 15:00:00	9.6	11.0	1.4	0.00	0.00	0.00	3.3	WSW
9/7/2023 15:01:00	9.6	11.0	1.4	0.00	0.00	0.00	3.4	W
9/7/2023 15:02:00	9.5	11.0	1.5	0.00	0.00	0.00	3.3	W
9/7/2023 15:03:00	9.5	11.1	1.6	0.00	0.00	0.00	3.4	W
9/7/2023 15:04:00	9.4	11.2	1.8	0.00	0.00	0.00	3.4	W
9/7/2023 15:05:00	9.3	11.6	2.4	0.00	0.00	0.00	3.3	W
9/7/2023 15:06:00	9.1	11.7	2.7	0.00	0.00	0.00	3.4	W
9/7/2023 15:07:00	8.9	11.8	3.0	0.00	0.00	0.00	3.4	W
9/7/2023 15:08:00				0.00	0.00	0.00	3.3	WSW
9/7/2023 15:09:00				0.00	0.00	0.00	3.3	WNW
9/7/2023 15:10:00				0.00	0.00	0.00	3.4	W
9/7/2023 15:11:00				0.00	0.00	0.00	3.5	W
9/7/2023 15:12:00	9.0	11.7	2.8	0.00	0.00	0.00	3.5	W
9/7/2023 15:13:00	8.9	14.2	5.3	0.00	0.00	0.00	3.5	WNW
9/7/2023 15:14:00	8.9	16.0	7.1	0.00	0.00	0.00	3.4	W
9/7/2023 15:15:00	9.5	16.6	7.1	0.00	0.00	0.00	3.4	W
9/7/2023 15:16:00	9.5	16.6	7.1	0.00	0.00	0.00	3.5	W
9/7/2023 15:17:00	9.4	16.2	6.8	0.00	0.00	0.00	3.4	W
9/7/2023 15:18:00	9.4	15.9	6.5	0.00	0.00	0.00	3.5	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
9/7/2023 15:19:00	9.3	15.8	6.6	0.00	0.00	0.00	3.5	WSW
9/7/2023 15:20:00	9.2	15.6	6.5	0.00	0.00	0.00	3.6	W
9/7/2023 15:21:00	9.2	15.5	6.4	0.00	0.00	0.00	3.5	W
9/7/2023 15:22:00	9.1	15.2	6.2	0.00	0.00	0.00	3.5	SW
9/7/2023 15:23:00	9.0	14.9	6.0	0.00	0.00	0.00	3.4	W
9/7/2023 15:24:00	8.9	14.7	5.8	0.00	0.00	0.00	3.4	W
9/7/2023 15:25:00	8.8	14.4	5.7	0.00	0.00	0.00	3.3	W
9/7/2023 15:26:00	8.7	14.2	5.5	0.00	0.00	0.00	3.2	WSW
9/7/2023 15:27:00	8.6	14.1	5.5	0.00	0.00	0.00	3.1	WSW
9/7/2023 15:28:00	8.5	13.7	5.2	0.00	0.00	0.00	3.1	W
9/7/2023 15:29:00	8.4	13.3	4.9	0.00	0.00	0.00	3.2	W
9/7/2023 15:30:00	8.3	13.0	4.8	0.00	0.00	0.00	3.2	WSW
9/7/2023 15:31:00				0.00	0.00	0.00	3.1	W
9/7/2023 15:32:00				0.00	0.00	0.00	3.1	W
9/7/2023 15:33:00	8.2	12.5	4.3	0.00	0.00	0.00	3.0	WSW
9/7/2023 15:34:00	8.1	12.1	4.1	0.00	0.00	0.00	3.0	NW
9/7/2023 15:35:00	8.0	12.2	4.2	0.00	0.00	0.00	2.9	W
9/7/2023 15:36:00	8.0	12.3	4.3	0.00	0.00	0.00	2.9	SSW
9/7/2023 15:37:00	7.9	12.3	4.4	0.00	0.00	0.00	2.8	W
9/7/2023 15:38:00	7.9	12.4	4.5	0.00	0.00	0.00	2.9	WNW
9/7/2023 15:39:00	8.0	12.6	4.6	0.00	0.00	0.00	2.8	W
9/7/2023 15:40:00	8.0	12.6	4.6	0.00	0.00	0.00	2.8	W
9/7/2023 15:41:00	8.0	12.6	4.7	0.00	0.00	0.00	2.9	WNW
9/7/2023 15:42:00	8.0	12.9	4.9	0.00	0.00	0.00	2.9	WNW
9/7/2023 15:43:00	8.2	13.4	5.3	0.00	0.00	0.00	2.8	W
9/7/2023 15:44:00	8.3	13.7	5.4	0.00	0.00	0.00	2.9	W
9/7/2023 15:45:00	8.3	14.0	5.7	0.00	0.00	0.00	3.0	W
9/7/2023 15:46:00	8.4	14.2	5.8	0.00	0.00	0.00	3.1	W
9/7/2023 15:47:00	8.4	14.5	6.0	0.00	0.00	0.00	3.1	W
9/7/2023 15:48:00	8.5	14.7	6.2	0.00	0.00	0.00	3.2	W
9/7/2023 15:49:00	8.6	15.0	6.4	0.00	0.00	0.00	3.2	WSW
9/7/2023 15:50:00	8.6	15.2	6.5	0.00	0.00	0.00	3.3	W
9/7/2023 15:51:00	8.7	15.4	6.7	0.00	0.00	0.00	3.3	W

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
9/7/2023 15:52:00	8.8	15.7	6.9	0.00	0.00	0.00	3.4	W
9/7/2023 15:53:00	8.9	16.2	7.3	0.00	0.00	0.00	3.3	W
9/7/2023 15:54:00	8.9	16.5	7.5	0.00	0.00	0.00	3.3	WNW
9/7/2023 15:55:00	9.1	16.5	7.4	0.00	0.00	0.00	3.3	W
9/7/2023 15:56:00	9.2	16.4	7.1	0.00	0.00	0.00	3.2	WSW
9/7/2023 15:57:00	9.3	16.1	6.8	0.00	0.00	0.00	3.1	WSW
9/7/2023 15:58:00	9.2	15.6	6.4	0.00	0.00	0.00	3.2	W