

DAILY FIELD REPORT 023

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

Prepared By: LANGAN

BCP Project No:	C231153	Date:	July 7, 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:

Tom Herold (Environmental)
Xianglei Zheng (Geotechnical)

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

Foundation Contractor: Urban Foundation/Engineering (Urban)

Work Activities Performed:

- Urban excavated an about 20-foot-long by 5-foot-wide area and an about 10-foot-long by 5-foot-wide area to about 2-feet below grade surface (bgs) in the northwestern part of waste characterization grid WC02_0-5 to prepare for the installation of soil-mix columns. Excavated soil/fill was stockpiled in the central part of waste characterization grid WC02 prior to being exported off-site.
- Urban graded an about 100-foot-long by 50-foot-wide area of soil/fill in the northern and central part of the site (waste characterization grids WC02 and WC03) to prepare for equipment mobilization.
- All 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 relocated a stockpile in the southern part of the site containing concrete from inside the underground storage tank (UST) to the central part of waste characterization grid WC02 pending off-site disposal. The concrete was placed on and covered with polyethylene sheeting.
- Urban installed three, about 58-inch-diameter, soil-mix columns using a Bauer BG 28H drilling rig in the northern part of the site.
- Urban installed one, about 36-inch-diameter, caisson casing using a Double L drilling rig in the eastern part of the site.

Material Tracking:

- The following soil/fill was exported from the site:
 - 3 loads of soil/fill from waste characterization grid WC02_0-5 to the Clean Earth of Carteret LLC facility in Carteret, NJ.
- No material was imported to the site.

Materials Export Summary

Facility Name	Bayshore Soil Management, LLC		Clean Earth of Carteret, LLC		PPark NJ		Faztec Solutions	
Location	Keasbey, NJ		Carteret, NJ		Prospect Park, NJ		Staten Island, NY	
Type of Waste	Non-hazardous Soil		Non-hazardous Soil		Non-hazardous Soil		C&D	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	Total	0	-	3	60	0	-	0
22		440	20	400	0	-	14	280

Samples Collected:

- No samples were collected.

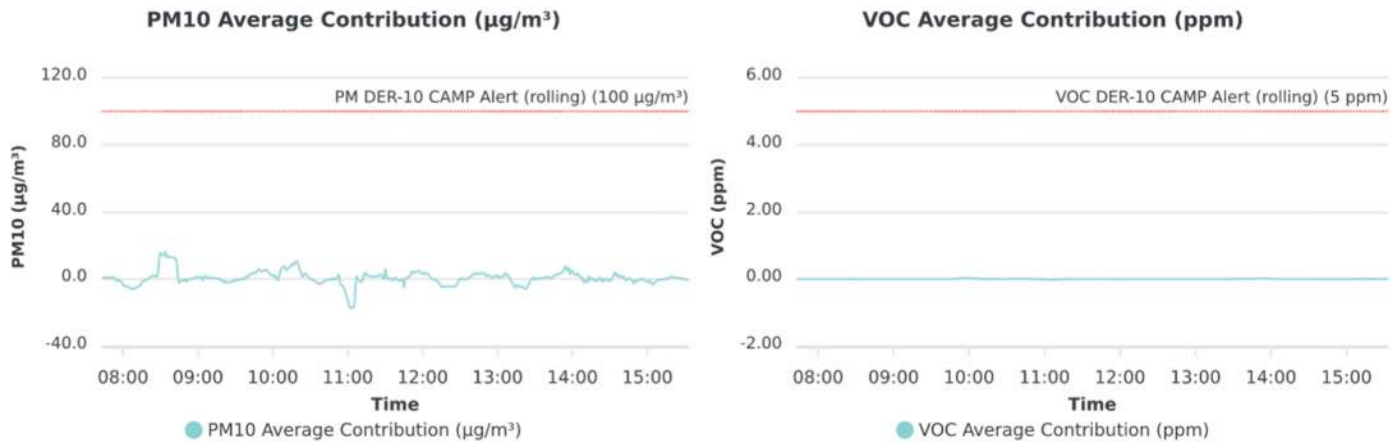
Air Monitoring:

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 levels of 100 $\mu\text{g}/\text{m}^3$ and 5 ppm, respectively, on this day. Data gaps were encountered at 11:06 and from 14:56 to 14:58. Data gaps were attributed to an error encountered with the weather station equipment.

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)		Organic Vapor Monitoring (ppm)	
Daily Background	11.9	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-17.3	VOC Average Site Contribution (Minimum)	-0.02
PM10 Average Site Contribution (Maximum)	16.1	VOC Average Site Contribution (Maximum)	0.03

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

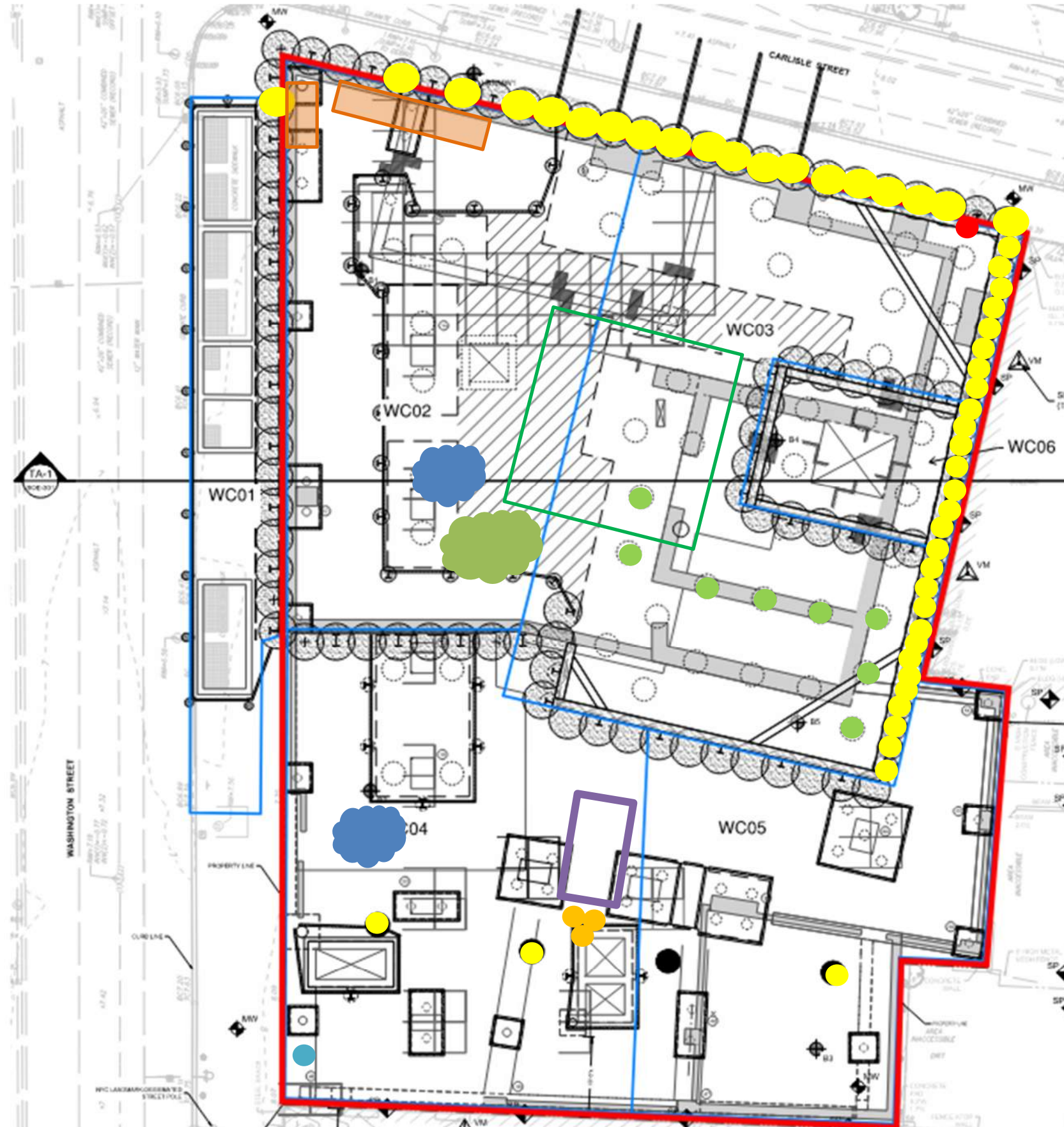
ppm: parts per million.



Planned Activities:

- Urban will export soil/fill and concrete.
- Urban will continue installing soil-mix columns throughout the site.
- Urban will continue installing caisson casings throughout 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**
- Completed Caisson Casing**
- Completed Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- Approximate Location of the UST**

Note: Waste characterization grid areas were developed by PT Consultants and Urban and is shown on this site plan for reference only.

Photo Log

Photo 1: Urban excavating in the northwestern part of WC02 (facing northeast).



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



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



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

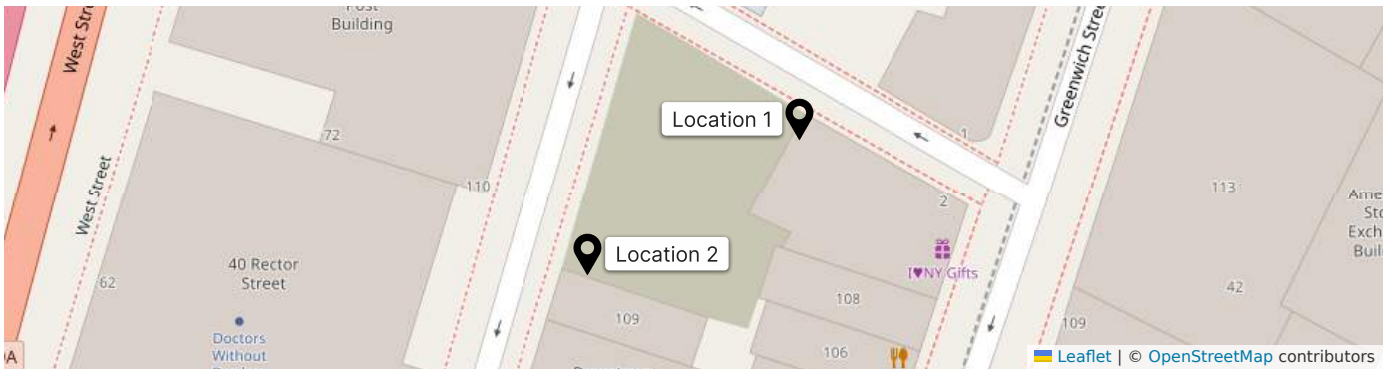


Photo 5: View of the entrance/exit of the site along Washington Street at the end of the work day (facing northeast).



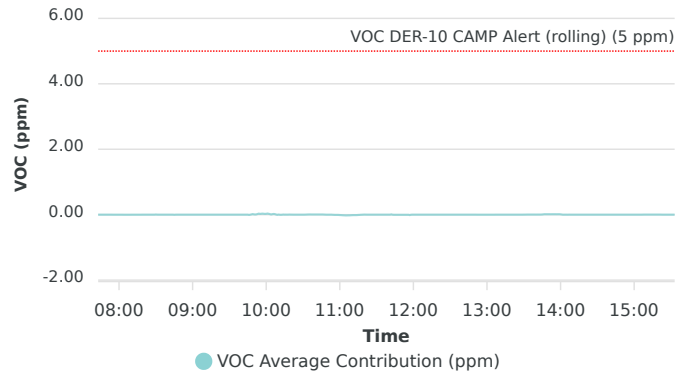
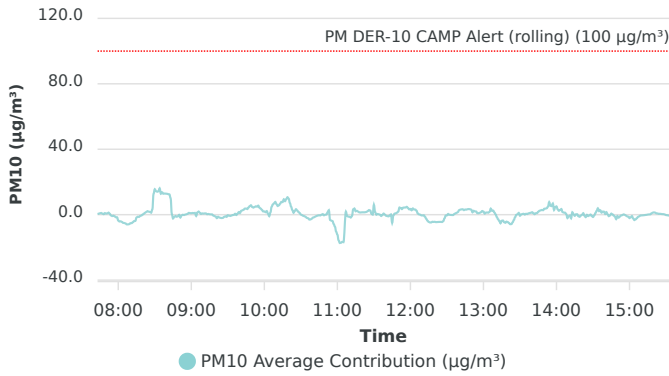
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	7/7/2023 00:00
		To:	7/7/2023 22:00
		PM10 Action Level:	100 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
7/7/2023	0.2-3.1	ESE

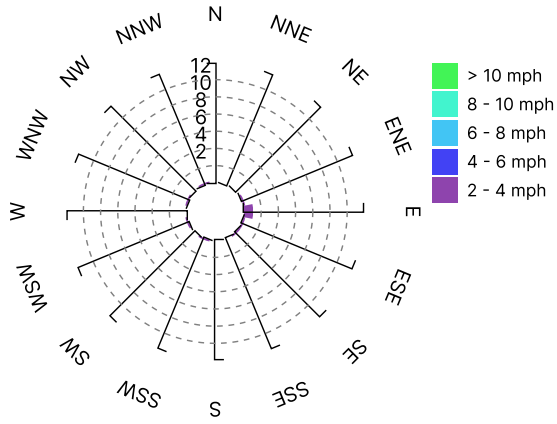


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
7/7/2023 07:43:00	11.9	12.3	0.4	0.00	0.00	0.00	0.8	SE
7/7/2023 07:44:00	11.5	12.2	0.6	0.00	0.00	0.00	0.8	E
7/7/2023 07:45:00	11.3	12.2	0.9	0.00	0.00	0.00	0.9	ESE
7/7/2023 07:46:00	11.5	12.5	1.0	0.00	0.00	0.00	0.9	ESE
7/7/2023 07:47:00	12.1	12.7	0.6	0.00	0.00	0.00	0.9	ESE
7/7/2023 07:48:00	13.0	13.3	0.3	0.00	0.00	0.00	0.9	S
7/7/2023 07:49:00	12.8	13.8	1.0	0.00	0.00	0.00	0.9	NE
7/7/2023 07:50:00	12.9	13.6	0.7	0.00	0.00	0.00	0.8	WNW
7/7/2023 07:51:00	12.9	13.6	0.8	0.00	0.00	0.00	0.8	ENE
7/7/2023 07:52:00	12.8	14.1	1.3	0.00	0.00	0.00	0.8	E
7/7/2023 07:53:00	13.4	14.0	0.6	0.00	0.00	0.00	0.8	WSW
7/7/2023 07:54:00	14.4	13.9	-0.5	0.00	0.00	0.00	0.7	WNW
7/7/2023 07:55:00	15.6	14.7	-0.8	0.00	0.00	0.00	0.7	NW
7/7/2023 07:56:00	16.1	15.5	-0.6	0.00	0.00	0.00	0.7	N
7/7/2023 07:57:00	16.4	15.4	-1.0	0.00	0.00	0.00	0.7	WNW
7/7/2023 07:58:00	17.2	15.7	-1.6	0.00	0.00	0.00	0.7	WSW
7/7/2023 07:59:00	18.4	16.9	-1.6	0.00	0.00	0.00	0.7	W
7/7/2023 08:00:00	21.5	17.9	-3.6	0.00	0.00	0.00	0.7	N
7/7/2023 08:01:00	22.6	18.5	-4.2	0.00	0.00	0.00	0.6	NNE
7/7/2023 08:02:00	23.1	19.1	-4.1	0.00	0.00	0.00	0.6	N
7/7/2023 08:03:00	23.4	19.0	-4.4	0.00	0.00	0.00	0.6	W
7/7/2023 08:04:00	23.7	18.7	-5.0	0.00	0.00	0.00	0.6	WSW
7/7/2023 08:05:00	23.8	18.7	-5.1	0.00	0.00	0.00	0.6	W
7/7/2023 08:06:00	23.9	18.5	-5.4	0.00	0.00	0.00	0.6	WSW
7/7/2023 08:07:00	24.1	18.1	-5.9	0.00	0.00	0.00	0.7	WSW
7/7/2023 08:08:00	24.0	18.1	-6.0	0.00	0.00	0.00	0.7	SW
7/7/2023 08:09:00	23.8	18.0	-5.8	0.00	0.00	0.00	0.7	WNW
7/7/2023 08:10:00	22.6	17.4	-5.2	0.00	0.00	0.00	0.8	E
7/7/2023 08:11:00	21.8	16.7	-5.2	0.00	0.00	0.00	0.9	E
7/7/2023 08:12:00	21.1	16.5	-4.6	0.00	0.00	0.00	0.9	NE
7/7/2023 08:13:00	20.2	16.3	-4.0	0.00	0.00	0.00	0.9	E
7/7/2023 08:14:00	19.0	15.1	-3.8	0.00	0.00	0.00	1.0	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
7/7/2023 08:15:00	15.9	14.1	-1.7	0.00	0.00	0.00	1.1	E
7/7/2023 08:16:00	14.6	13.4	-1.3	0.00	0.00	0.00	1.1	SE
7/7/2023 08:17:00	14.0	12.6	-1.4	0.00	0.00	0.00	1.1	S
7/7/2023 08:18:00	13.2	12.4	-0.8	0.00	0.00	0.00	1.1	N
7/7/2023 08:19:00	12.9	12.4	-0.5	0.00	0.00	0.00	1.1	S
7/7/2023 08:20:00	12.8	12.8	0.0	0.00	0.00	0.00	1.1	SSE
7/7/2023 08:21:00	12.7	13.3	0.6	0.00	0.00	0.00	1.1	SSE
7/7/2023 08:22:00	12.7	13.9	1.1	0.00	0.00	0.00	1.0	S
7/7/2023 08:23:00	12.5	14.2	1.7	0.00	0.00	0.00	1.0	SSE
7/7/2023 08:24:00	12.1	14.2	2.1	0.00	0.00	0.00	1.0	S
7/7/2023 08:25:00	12.2	14.1	1.9	0.00	0.00	0.00	1.0	SSW
7/7/2023 08:26:00	12.4	14.1	1.7	0.00	0.00	0.00	1.0	SSW
7/7/2023 08:27:00	12.9	14.1	1.2	0.00	0.00	0.00	1.0	NE
7/7/2023 08:28:00	13.1	16.2	3.2	0.00	0.00	0.00	1.0	NNW
7/7/2023 08:29:00	13.2	26.0	12.8	0.00	0.00	0.00	0.9	NNW
7/7/2023 08:30:00	13.5	29.0	15.6	0.00	0.00	0.00	0.9	NE
7/7/2023 08:31:00	14.8	29.2	14.3	0.00	0.00	0.00	0.8	NNW
7/7/2023 08:32:00	15.4	29.4	14.0	0.00	0.00	0.00	0.8	NNW
7/7/2023 08:33:00	15.7	30.0	14.3	0.00	0.00	0.00	0.9	NNW
7/7/2023 08:34:00	15.8	31.9	16.1	0.00	0.00	0.00	0.8	NE
7/7/2023 08:35:00	18.8	31.6	12.8	0.00	0.00	0.00	0.8	WNW
7/7/2023 08:36:00	18.9	32.5	13.7	0.00	0.00	0.00	0.8	N
7/7/2023 08:37:00	19.2	32.0	12.8	0.00	0.00	0.00	0.8	W
7/7/2023 08:38:00	19.1	32.0	12.9	0.00	0.00	0.00	0.8	N
7/7/2023 08:39:00	19.2	32.0	12.9	0.00	0.00	0.00	0.8	SSW
7/7/2023 08:40:00	19.2	32.0	12.8	0.00	0.00	0.00	0.7	W
7/7/2023 08:41:00	19.3	31.9	12.6	0.00	0.00	0.00	0.6	NW
7/7/2023 08:42:00	19.5	31.9	12.4	0.00	0.00	0.00	0.6	SW
7/7/2023 08:43:00	19.8	29.9	10.1	0.00	0.00	0.00	0.6	WNW
7/7/2023 08:44:00	19.9	20.3	0.4	0.00	0.00	0.00	0.6	SE
7/7/2023 08:45:00	19.9	17.5	-2.3	0.00	0.00	0.00	0.6	E
7/7/2023 08:46:00	18.9	17.5	-1.3	0.00	0.00	0.00	0.7	NW
7/7/2023 08:47:00	18.4	17.6	-0.8	0.00	0.00	0.00	0.7	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
7/7/2023 08:48:00	18.5	17.2	-1.3	0.00	0.00	0.00	0.6	W
7/7/2023 08:49:00	18.7	17.8	-1.0	0.00	0.00	0.00	0.6	N
7/7/2023 08:50:00	18.0	17.9	-0.1	0.00	0.00	0.00	0.7	W
7/7/2023 08:51:00	18.5	16.7	-1.8	0.00	0.00	0.00	0.7	SSW
7/7/2023 08:52:00	18.1	17.6	-0.5	0.00	0.00	0.00	0.7	SE
7/7/2023 08:53:00	18.2	18.1	-0.1	0.00	0.00	0.00	0.7	SSE
7/7/2023 08:54:00	18.5	18.3	-0.2	0.00	0.00	0.00	0.7	W
7/7/2023 08:55:00	18.5	18.5	0.1	0.00	0.00	0.00	0.7	E
7/7/2023 08:56:00	18.5	18.7	0.2	0.00	0.00	0.00	0.6	NW
7/7/2023 08:57:00	18.3	18.8	0.5	0.00	0.00	0.00	0.6	WNW
7/7/2023 08:58:00	18.1	19.2	1.1	0.00	0.00	0.00	0.6	ESE
7/7/2023 08:59:00	18.2	19.1	0.9	0.00	0.00	0.00	0.6	W
7/7/2023 09:00:00	18.2	19.1	0.9	0.00	0.00	0.00	0.6	NW
7/7/2023 09:01:00	18.2	19.3	1.0	0.00	0.00	0.00	0.5	NW
7/7/2023 09:02:00	18.3	19.2	0.9	0.00	0.00	0.00	0.5	NNE
7/7/2023 09:03:00	18.2	19.3	1.1	0.00	0.00	0.00	0.5	NW
7/7/2023 09:04:00	17.9	17.2	-0.8	0.00	0.00	0.00	0.5	NW
7/7/2023 09:05:00	15.9	17.2	1.4	0.00	0.00	0.00	0.5	NNE
7/7/2023 09:06:00	15.4	17.3	1.9	0.00	0.00	0.00	0.5	ENE
7/7/2023 09:07:00	15.5	16.6	1.1	0.00	0.00	0.00	0.5	WNW
7/7/2023 09:08:00	15.4	15.9	0.5	0.00	0.00	0.00	0.5	WSW
7/7/2023 09:09:00	14.9	15.7	0.8	0.00	0.00	0.00	0.5	NNW
7/7/2023 09:10:00	14.9	15.5	0.7	0.00	0.00	0.00	0.5	SW
7/7/2023 09:11:00	14.7	15.5	0.8	0.00	0.00	0.00	0.5	NNE
7/7/2023 09:12:00	14.6	15.4	0.8	0.00	0.00	0.00	0.6	WNW
7/7/2023 09:13:00	14.7	15.0	0.3	0.00	0.00	0.00	0.6	W
7/7/2023 09:14:00	14.6	15.0	0.4	0.00	0.00	0.00	0.6	NNW
7/7/2023 09:15:00	14.6	14.8	0.3	0.00	0.00	0.00	0.6	WSW
7/7/2023 09:16:00	14.5	14.6	0.2	0.00	0.00	0.00	0.6	WSW
7/7/2023 09:17:00	14.4	14.6	0.2	0.00	0.00	0.00	0.7	NNW
7/7/2023 09:18:00	14.9	14.5	-0.5	0.00	0.00	0.00	0.7	SE
7/7/2023 09:19:00	15.0	14.2	-0.9	0.00	0.00	0.00	0.7	ESE
7/7/2023 09:20:00	15.0	13.9	-1.1	0.00	0.00	0.00	0.8	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
7/7/2023 09:21:00	15.8	13.7	-2.1	0.00	0.00	0.00	0.8	SSW
7/7/2023 09:22:00	16.3	15.1	-1.3	0.00	0.00	0.00	0.7	SE
7/7/2023 09:23:00	17.0	15.3	-1.7	0.00	0.00	0.00	0.7	ESE
7/7/2023 09:24:00	17.3	15.3	-2.0	0.00	0.00	0.00	0.8	NE
7/7/2023 09:25:00	17.4	15.3	-2.1	0.00	0.00	0.00	0.8	SE
7/7/2023 09:26:00	17.5	15.5	-1.9	0.00	0.00	0.00	0.8	N
7/7/2023 09:27:00	17.3	16.0	-1.3	0.00	0.00	0.00	0.7	NE
7/7/2023 09:28:00	17.2	16.2	-1.0	0.00	0.00	0.00	0.7	NE
7/7/2023 09:29:00	17.5	16.2	-1.3	0.00	0.00	0.00	0.7	NW
7/7/2023 09:30:00	17.5	17.1	-0.4	0.00	0.00	0.00	0.7	ENE
7/7/2023 09:31:00	17.7	17.1	-0.6	0.00	0.00	0.00	0.7	WNW
7/7/2023 09:32:00	17.9	17.1	-0.8	0.00	0.00	0.00	0.7	S
7/7/2023 09:33:00	17.6	17.1	-0.5	0.00	0.00	0.00	0.7	SSE
7/7/2023 09:34:00	17.4	17.2	-0.2	0.00	0.00	0.00	0.6	ESE
7/7/2023 09:35:00	17.5	17.4	-0.1	0.00	0.00	0.00	0.6	N
7/7/2023 09:36:00	16.9	17.4	0.6	0.00	0.00	0.00	0.7	ENE
7/7/2023 09:37:00	16.2	16.0	-0.2	0.00	0.00	0.00	0.8	E
7/7/2023 09:38:00	15.4	16.1	0.6	0.00	0.00	0.00	0.8	NNE
7/7/2023 09:39:00	15.0	16.6	1.6	0.00	0.00	0.00	0.8	E
7/7/2023 09:40:00	15.4	16.4	1.0	0.00	0.00	0.00	0.9	NW
7/7/2023 09:41:00	15.3	17.6	2.4	0.00	0.00	0.00	0.9	E
7/7/2023 09:42:00	15.4	18.1	2.6	0.00	0.00	0.00	0.9	NNW
7/7/2023 09:43:00	15.4	18.5	3.0	0.00	0.00	0.00	0.9	ENE
7/7/2023 09:44:00	15.2	18.9	3.7	0.00	0.00	0.00	0.9	ESE
7/7/2023 09:45:00	15.2	18.9	3.8	0.00	0.00	0.00	0.9	SE
7/7/2023 09:46:00	15.5	18.9	3.4	0.01	0.00	-0.01	0.9	S
7/7/2023 09:47:00	15.3	19.7	4.4	0.01	0.01	0.00	0.9	NNE
7/7/2023 09:48:00	15.1	20.3	5.2	0.01	0.02	0.01	0.9	SE
7/7/2023 09:49:00	15.1	20.8	5.8	0.01	0.03	0.02	0.9	NE
7/7/2023 09:50:00	16.2	20.9	4.7	0.02	0.03	0.01	0.9	S
7/7/2023 09:51:00	16.7	21.1	4.3	0.02	0.03	0.01	0.9	NW
7/7/2023 09:52:00	17.0	21.7	4.7	0.02	0.03	0.01	0.8	E
7/7/2023 09:53:00	17.1	22.2	5.1	0.02	0.04	0.02	0.8	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/7/2023 09:54:00	17.4	22.2	4.9	0.02	0.05	0.03	0.8	N
7/7/2023 09:55:00	17.0	22.6	5.5	0.03	0.05	0.02	0.7	NNW
7/7/2023 09:56:00	17.2	21.4	4.3	0.03	0.06	0.03	0.7	NE
7/7/2023 09:57:00	17.1	20.8	3.7	0.03	0.06	0.03	0.7	N
7/7/2023 09:58:00	17.3	20.2	3.0	0.03	0.06	0.03	0.7	WSW
7/7/2023 09:59:00	18.0	20.0	2.0	0.04	0.06	0.02	0.8	SSW
7/7/2023 10:00:00	18.2	20.2	2.0	0.04	0.06	0.03	0.8	E
7/7/2023 10:01:00	19.0	20.5	1.5	0.03	0.06	0.03	0.8	S
7/7/2023 10:02:00	19.3	21.5	2.2	0.03	0.06	0.03	0.7	NE
7/7/2023 10:03:00	20.8	21.4	0.6	0.03	0.05	0.02	0.7	NW
7/7/2023 10:04:00	22.0	21.1	-0.9	0.03	0.04	0.01	0.7	NW
7/7/2023 10:05:00	21.1	22.4	1.4	0.03	0.04	0.01	0.7	NE
7/7/2023 10:06:00	20.6	25.4	4.8	0.02	0.04	0.02	0.7	E
7/7/2023 10:07:00	20.9	27.1	6.3	0.02	0.04	0.02	0.7	E
7/7/2023 10:08:00	21.3	28.2	6.9	0.02	0.03	0.01	0.8	E
7/7/2023 10:09:00	21.5	29.3	7.8	0.02	0.02	-0.01	0.8	E
7/7/2023 10:10:00	23.1	29.5	6.4	0.01	0.02	0.00	0.8	WNW
7/7/2023 10:11:00	24.6	29.9	5.3	0.01	0.01	0.00	0.7	NW
7/7/2023 10:12:00	24.9	30.6	5.7	0.01	0.01	-0.01	0.7	NNE
7/7/2023 10:13:00	24.9	31.6	6.8	0.01	0.01	0.00	0.7	ESE
7/7/2023 10:14:00	24.6	32.4	7.8	0.00	0.01	0.00	0.7	N
7/7/2023 10:15:00	24.4	32.1	7.7	0.00	0.00	0.00	0.7	ENE
7/7/2023 10:16:00	23.0	32.4	9.4	0.00	0.00	0.00	0.7	ENE
7/7/2023 10:17:00	22.7	31.0	8.3	0.00	0.00	0.00	0.7	ESE
7/7/2023 10:18:00	21.4	31.0	9.5	0.00	0.00	0.00	0.7	NE
7/7/2023 10:19:00	20.3	30.9	10.7	0.00	0.00	0.00	0.7	ESE
7/7/2023 10:20:00	20.2	30.0	9.8	0.00	0.00	0.00	0.7	ESE
7/7/2023 10:21:00	20.2	27.3	7.1	0.00	0.00	0.00	0.7	E
7/7/2023 10:22:00	20.5	25.3	4.8	0.00	0.00	0.00	0.7	WSW
7/7/2023 10:23:00	20.7	23.5	2.8	0.00	0.00	0.00	0.6	WNW
7/7/2023 10:24:00	21.0	22.1	1.2	0.00	0.00	0.00	0.6	NW
7/7/2023 10:25:00	19.6	21.9	2.3	0.00	0.00	0.00	0.6	NNW
7/7/2023 10:26:00	18.2	21.5	3.3	0.00	0.00	0.00	0.6	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
7/7/2023 10:27:00	18.4	20.9	2.5	0.00	0.00	0.00	0.6	NW
7/7/2023 10:28:00	18.4	20.1	1.7	0.00	0.00	0.00	0.6	NW
7/7/2023 10:29:00	18.4	19.4	1.0	0.00	0.00	0.00	0.6	NW
7/7/2023 10:30:00	18.5	18.6	0.1	0.00	0.00	0.00	0.6	SW
7/7/2023 10:31:00	18.6	18.3	-0.3	0.00	0.00	0.00	0.6	E
7/7/2023 10:32:00	18.9	18.1	-0.8	0.00	0.00	0.00	0.6	S
7/7/2023 10:33:00	19.0	18.0	-0.9	0.00	0.00	0.00	0.6	NW
7/7/2023 10:34:00	19.2	17.8	-1.4	0.00	0.01	0.01	0.6	NW
7/7/2023 10:35:00	19.6	17.6	-2.0	0.00	0.01	0.01	0.6	NW
7/7/2023 10:36:00	20.1	17.9	-2.2	0.00	0.01	0.01	0.6	NE
7/7/2023 10:37:00	22.2	19.2	-3.0	0.00	0.01	0.01	0.5	E
7/7/2023 10:38:00	23.0	20.1	-2.9	0.00	0.01	0.01	0.6	N
7/7/2023 10:39:00	23.5	21.0	-2.4	0.00	0.01	0.01	0.6	NNE
7/7/2023 10:40:00	23.9	22.1	-1.8	0.00	0.01	0.01	0.6	ESE
7/7/2023 10:41:00	24.2	22.7	-1.5	0.00	0.01	0.01	0.6	NNW
7/7/2023 10:42:00	24.1	23.0	-1.1	0.00	0.01	0.01	0.6	E
7/7/2023 10:43:00	24.0	23.2	-0.8	0.00	0.01	0.01	0.6	ESE
7/7/2023 10:44:00	23.8	23.3	-0.5	0.00	0.01	0.01	0.6	ESE
7/7/2023 10:45:00	23.8	23.5	-0.4	0.00	0.01	0.01	0.6	WNW
7/7/2023 10:46:00	23.9	23.5	-0.5	0.00	0.01	0.01	0.6	SE
7/7/2023 10:47:00	23.8	23.8	0.0	0.00	0.00	0.00	0.6	N
7/7/2023 10:48:00	23.8	24.1	0.3	0.00	0.00	0.00	0.6	SE
7/7/2023 10:49:00	24.5	24.1	-0.4	0.00	0.00	0.00	0.6	WNW
7/7/2023 10:50:00	24.4	24.4	0.0	0.00	0.00	0.00	0.6	NNE
7/7/2023 10:51:00	23.7	23.8	0.1	0.00	0.00	0.00	0.7	NNE
7/7/2023 10:52:00	21.0	22.5	1.5	0.00	0.00	0.00	0.7	ENE
7/7/2023 10:53:00	19.6	22.3	2.7	0.00	0.00	0.00	0.8	E
7/7/2023 10:54:00	25.4	22.2	-3.2	0.00	0.00	0.00	0.9	E
7/7/2023 10:55:00	25.6	21.9	-3.6	0.01	0.00	-0.01	0.8	NNW
7/7/2023 10:56:00	25.9	22.0	-3.9	0.01	0.00	-0.01	0.8	NNW
7/7/2023 10:57:00	26.2	20.5	-5.8	0.01	0.00	-0.01	0.9	ESE
7/7/2023 10:58:00	26.4	19.0	-7.3	0.01	0.00	-0.01	0.9	WNW
7/7/2023 10:59:00	28.2	17.8	-10.4	0.01	0.00	-0.01	1.0	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/7/2023 11:00:00	29.8	17.6	-12.2	0.01	0.00	-0.01	1.0	E
7/7/2023 11:01:00	32.9	17.2	-15.7	0.01	0.00	-0.01	1.0	ENE
7/7/2023 11:02:00	34.3	17.0	-17.3	0.02	0.00	-0.02	1.2	E
7/7/2023 11:03:00	34.2	17.1	-17.2	0.02	0.00	-0.02	1.3	E
7/7/2023 11:04:00	33.7	17.1	-16.6	0.02	0.00	-0.02	1.3	E
7/7/2023 11:05:00	33.5	16.7	-16.8	0.02	0.00	-0.02	1.4	ESE
7/7/2023 11:06:00				0.02	0.00	-0.02	1.4	SW
7/7/2023 11:07:00	12.8	14.6	1.9	0.02	0.00	-0.02	1.3	W
7/7/2023 11:08:00	13.8	12.9	-0.8	0.02	0.00	-0.02	1.3	E
7/7/2023 11:09:00	13.4	12.2	-1.2	0.02	0.00	-0.02	1.2	ESE
7/7/2023 11:10:00	13.2	12.0	-1.3	0.02	0.00	-0.01	1.2	N
7/7/2023 11:11:00	13.9	12.2	-1.8	0.02	0.00	-0.01	1.3	E
7/7/2023 11:12:00	14.0	13.2	-0.8	0.02	0.00	-0.01	1.3	E
7/7/2023 11:13:00	13.8	17.1	3.3	0.02	0.00	-0.01	1.3	E
7/7/2023 11:14:00	14.2	18.0	3.8	0.01	0.00	-0.01	1.3	E
7/7/2023 11:15:00	16.2	18.3	2.1	0.01	0.00	-0.01	1.2	W
7/7/2023 11:16:00	16.9	19.3	2.4	0.01	0.00	-0.01	1.2	NW
7/7/2023 11:17:00	17.3	19.2	1.9	0.01	0.00	0.00	1.1	SE
7/7/2023 11:18:00	17.4	18.8	1.4	0.00	0.00	0.00	1.0	E
7/7/2023 11:19:00	17.3	18.6	1.3	0.00	0.00	0.00	0.9	N
7/7/2023 11:20:00	17.2	18.7	1.4	0.00	0.00	0.00	1.0	E
7/7/2023 11:21:00	17.0	18.5	1.5	0.00	0.00	0.00	1.0	NE
7/7/2023 11:22:00	17.4	18.8	1.4	0.00	0.00	0.00	1.1	SE
7/7/2023 11:23:00	17.4	18.9	1.5	0.00	0.00	0.00	1.0	NNE
7/7/2023 11:24:00	17.5	19.2	1.7	0.00	0.00	0.00	1.0	NNE
7/7/2023 11:25:00	17.8	20.0	2.2	0.00	0.00	0.00	1.0	NNW
7/7/2023 11:26:00	17.7	20.5	2.8	0.00	0.00	0.00	0.9	NNE
7/7/2023 11:27:00	17.8	20.4	2.5	0.00	0.00	0.00	0.8	NE
7/7/2023 11:28:00	17.9	18.5	0.6	0.00	0.00	0.00	0.7	NW
7/7/2023 11:29:00	18.3	18.3	0.0	0.00	0.00	0.00	0.7	N
7/7/2023 11:30:00	17.4	23.5	6.0	0.00	0.00	0.00	0.7	SSW
7/7/2023 11:31:00	21.6	23.2	1.6	0.00	0.00	0.00	0.7	ENE
7/7/2023 11:32:00	24.0	24.0	0.0	0.00	0.00	0.00	0.7	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
7/7/2023 11:33:00	24.1	24.5	0.4	0.00	0.00	0.00	0.7	ENE
7/7/2023 11:34:00	24.2	24.5	0.2	0.00	0.00	0.00	0.7	W
7/7/2023 11:35:00	24.5	24.5	0.0	0.00	0.00	0.00	0.6	WSW
7/7/2023 11:36:00	25.3	24.5	-0.8	0.00	0.00	0.00	0.6	SSW
7/7/2023 11:37:00	25.1	24.9	-0.2	0.00	0.00	0.00	0.7	E
7/7/2023 11:38:00	24.9	25.6	0.7	0.00	0.00	0.00	0.7	ESE
7/7/2023 11:39:00	25.6	25.6	0.0	0.00	0.00	0.00	0.8	WNW
7/7/2023 11:40:00	25.8	25.1	-0.7	0.00	0.00	0.00	0.8	SSE
7/7/2023 11:41:00	25.7	24.8	-0.9	0.00	0.00	0.00	0.8	SE
7/7/2023 11:42:00	25.9	24.8	-1.0	0.00	0.01	0.01	0.8	SSE
7/7/2023 11:43:00	25.9	25.4	-0.5	0.01	0.01	0.00	0.8	SSE
7/7/2023 11:44:00	25.3	25.4	0.1	0.01	0.01	0.00	0.9	SE
7/7/2023 11:45:00	24.9	19.9	-5.0	0.01	0.01	0.00	0.9	ENE
7/7/2023 11:46:00	20.1	19.7	-0.4	0.01	0.01	0.00	0.9	NE
7/7/2023 11:47:00	18.2	18.8	0.6	0.01	0.01	0.00	0.9	NW
7/7/2023 11:48:00	18.0	18.9	0.8	0.01	0.01	0.00	1.0	ENE
7/7/2023 11:49:00	17.9	19.1	1.2	0.01	0.01	0.00	1.1	SE
7/7/2023 11:50:00	17.3	19.2	1.9	0.01	0.01	0.00	1.1	ESE
7/7/2023 11:51:00	16.5	20.8	4.4	0.01	0.01	0.00	1.2	ESE
7/7/2023 11:52:00	16.5	20.6	4.1	0.01	0.01	0.00	1.1	ENE
7/7/2023 11:53:00	16.8	20.2	3.4	0.01	0.01	0.00	1.1	W
7/7/2023 11:54:00	16.1	20.4	4.3	0.01	0.01	0.00	1.1	S
7/7/2023 11:55:00	15.9	20.3	4.4	0.01	0.01	0.00	1.1	E
7/7/2023 11:56:00	15.9	20.3	4.4	0.01	0.01	0.00	1.1	WNW
7/7/2023 11:57:00	15.5	20.3	4.8	0.01	0.00	-0.01	1.1	W
7/7/2023 11:58:00	15.5	19.5	4.1	0.00	0.00	0.00	1.1	ESE
7/7/2023 11:59:00	15.6	18.8	3.2	0.00	0.00	0.00	1.0	NNW
7/7/2023 12:00:00	15.4	18.9	3.5	0.00	0.00	0.00	1.0	WNW
7/7/2023 12:01:00	15.5	18.2	2.7	0.00	0.00	0.00	0.9	NNW
7/7/2023 12:02:00	14.4	18.2	3.8	0.00	0.00	0.00	0.9	NNW
7/7/2023 12:03:00	14.2	17.4	3.2	0.00	0.00	0.00	0.9	ENE
7/7/2023 12:04:00	13.9	17.0	3.1	0.00	0.00	0.00	0.8	S
7/7/2023 12:05:00	13.9	16.3	2.4	0.00	0.00	0.00	0.7	SSE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/7/2023 12:06:00	13.6	14.4	0.8	0.00	0.00	0.00	0.6	NW
7/7/2023 12:07:00	13.5	13.7	0.2	0.00	0.00	0.00	0.6	ESE
7/7/2023 12:08:00	13.3	13.3	0.0	0.00	0.00	0.00	0.6	NE
7/7/2023 12:09:00	13.2	12.7	-0.5	0.00	0.00	0.00	0.6	ENE
7/7/2023 12:10:00	12.9	12.4	-0.5	0.00	0.00	0.00	0.7	ESE
7/7/2023 12:11:00	12.6	12.2	-0.4	0.00	0.00	0.00	0.7	NW
7/7/2023 12:12:00	13.0	11.8	-1.3	0.00	0.00	0.00	0.7	ENE
7/7/2023 12:13:00	14.4	11.9	-2.5	0.00	0.00	0.00	0.8	E
7/7/2023 12:14:00	15.9	12.2	-3.7	0.00	0.00	0.00	0.8	ESE
7/7/2023 12:15:00	16.7	12.3	-4.4	0.00	0.00	0.00	0.9	E
7/7/2023 12:16:00	17.2	12.5	-4.8	0.00	0.00	0.00	0.9	ENE
7/7/2023 12:17:00	17.4	12.6	-4.8	0.00	0.00	0.00	0.9	S
7/7/2023 12:18:00	17.3	13.0	-4.3	0.00	0.00	0.00	0.9	W
7/7/2023 12:19:00	17.4	12.9	-4.5	0.00	0.00	0.00	0.9	NE
7/7/2023 12:20:00	17.5	13.2	-4.3	0.00	0.00	0.00	0.9	ESE
7/7/2023 12:21:00	17.7	13.1	-4.6	0.00	0.00	0.00	1.1	NNW
7/7/2023 12:22:00	17.7	13.2	-4.5	0.00	0.00	0.00	1.1	E
7/7/2023 12:23:00	17.6	13.2	-4.5	0.00	0.00	0.00	1.1	SE
7/7/2023 12:24:00	17.6	13.2	-4.4	0.00	0.00	0.00	1.1	ESE
7/7/2023 12:25:00	17.6	13.2	-4.4	0.00	0.00	0.00	1.1	ESE
7/7/2023 12:26:00	17.6	13.1	-4.5	0.00	0.00	0.00	1.0	SSE
7/7/2023 12:27:00	17.0	13.1	-4.0	0.00	0.00	0.00	1.0	E
7/7/2023 12:28:00	15.4	13.1	-2.3	0.00	0.00	0.00	0.9	S
7/7/2023 12:29:00	13.5	13.0	-0.5	0.00	0.00	0.00	0.9	WNW
7/7/2023 12:30:00	13.0	12.6	-0.4	0.00	0.00	0.00	0.9	NE
7/7/2023 12:31:00	12.1	12.5	0.4	0.00	0.00	0.00	0.9	NW
7/7/2023 12:32:00	12.2	12.1	-0.1	0.00	0.00	0.00	0.9	NNE
7/7/2023 12:33:00	12.0	11.8	-0.1	0.00	0.00	0.00	0.9	E
7/7/2023 12:34:00	11.9	11.7	-0.2	0.00	0.00	0.00	1.0	ESE
7/7/2023 12:35:00	11.8	11.6	-0.2	0.00	0.00	0.00	1.0	SW
7/7/2023 12:36:00	11.9	12.3	0.4	0.00	0.00	0.00	0.9	NNW
7/7/2023 12:37:00	12.1	12.9	0.8	0.00	0.00	0.00	0.9	E
7/7/2023 12:38:00	12.1	13.2	1.1	0.00	0.00	0.00	0.9	SE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/7/2023 12:39:00	12.1	13.7	1.6	0.00	0.00	0.00	0.9	ESE
7/7/2023 12:40:00	12.1	14.8	2.8	0.00	0.00	0.00	0.9	E
7/7/2023 12:41:00	12.4	15.5	3.1	0.00	0.00	0.00	1.0	NE
7/7/2023 12:42:00	12.6	15.9	3.3	0.00	0.00	0.00	1.0	E
7/7/2023 12:43:00	12.9	16.2	3.3	0.00	0.00	0.00	1.0	ENE
7/7/2023 12:44:00	13.3	16.1	2.8	0.00	0.00	0.00	1.0	SSW
7/7/2023 12:45:00	13.2	16.3	3.1	0.00	0.00	0.00	1.1	S
7/7/2023 12:46:00	13.3	16.4	3.1	0.00	0.00	0.00	1.0	E
7/7/2023 12:47:00	13.1	16.4	3.4	0.00	0.00	0.00	1.1	S
7/7/2023 12:48:00	13.0	16.5	3.4	0.00	0.00	0.00	1.1	SSE
7/7/2023 12:49:00	13.4	16.7	3.3	0.00	0.00	0.00	1.0	WSW
7/7/2023 12:50:00	14.1	17.2	3.0	0.00	0.00	0.00	1.0	WNW
7/7/2023 12:51:00	15.8	17.2	1.4	0.00	0.00	0.00	1.0	E
7/7/2023 12:52:00	16.2	18.6	2.4	0.00	0.00	0.00	1.1	S
7/7/2023 12:53:00	16.5	18.5	2.0	0.00	0.00	0.00	1.0	SE
7/7/2023 12:54:00	16.6	18.6	1.9	0.00	0.00	0.00	1.0	ESE
7/7/2023 12:55:00	16.9	17.8	0.9	0.00	0.00	0.00	1.0	ESE
7/7/2023 12:56:00	16.9	17.8	0.9	0.00	0.00	0.00	1.0	ENE
7/7/2023 12:57:00	17.0	18.1	1.1	0.00	0.00	0.00	1.0	ESE
7/7/2023 12:58:00	17.2	18.8	1.5	0.00	0.00	0.00	1.1	E
7/7/2023 12:59:00	17.2	19.4	2.2	0.00	0.00	0.00	1.1	ESE
7/7/2023 13:00:00	17.5	19.4	1.9	0.00	0.00	0.00	1.0	SSE
7/7/2023 13:01:00	18.7	19.3	0.7	0.00	0.00	0.00	1.1	NW
7/7/2023 13:02:00	18.8	20.1	1.3	0.00	0.00	0.00	1.0	SE
7/7/2023 13:03:00	19.0	20.3	1.4	0.00	0.00	0.00	1.0	ENE
7/7/2023 13:04:00	18.9	20.1	1.2	0.00	0.00	0.00	1.0	NNW
7/7/2023 13:05:00	18.1	19.8	1.7	0.00	0.00	0.00	1.1	SE
7/7/2023 13:06:00	16.4	20.1	3.7	0.00	0.00	0.00	1.1	E
7/7/2023 13:07:00	16.4	18.7	2.4	0.00	0.00	0.00	1.1	SE
7/7/2023 13:08:00	16.7	19.2	2.5	0.00	0.00	0.00	1.1	SE
7/7/2023 13:09:00	17.7	19.0	1.3	0.00	0.00	0.00	1.1	SSE
7/7/2023 13:10:00	19.0	19.2	0.2	0.00	0.00	0.00	1.2	SE
7/7/2023 13:11:00	20.5	19.1	-1.5	0.00	0.00	0.00	1.1	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/7/2023 13:12:00	21.4	18.6	-2.8	0.00	0.00	0.00	1.1	SE
7/7/2023 13:13:00	21.6	17.7	-3.9	0.00	0.00	0.00	1.1	NE
7/7/2023 13:14:00	22.9	17.6	-5.3	0.00	0.00	0.00	1.0	E
7/7/2023 13:15:00	23.0	19.3	-3.7	0.00	0.00	0.00	1.0	S
7/7/2023 13:16:00	23.2	19.6	-3.6	0.00	0.00	0.00	1.0	SE
7/7/2023 13:17:00	24.2	19.6	-4.6	0.00	0.00	0.00	1.0	ESE
7/7/2023 13:18:00	25.2	20.2	-5.0	0.00	0.00	0.00	1.0	SSE
7/7/2023 13:19:00	25.5	21.2	-4.3	0.00	0.00	0.00	1.0	SSW
7/7/2023 13:20:00	26.3	21.8	-4.5	0.00	0.00	0.00	1.0	ESE
7/7/2023 13:21:00	26.9	21.8	-5.1	0.00	0.00	0.00	0.9	SSE
7/7/2023 13:22:00	27.3	21.4	-5.8	0.00	0.00	0.00	0.9	SE
7/7/2023 13:23:00	27.1	21.3	-5.8	0.00	0.00	0.00	0.9	WNW
7/7/2023 13:24:00	26.4	21.7	-4.6	0.00	0.00	0.00	0.9	NE
7/7/2023 13:25:00	25.3	22.1	-3.2	0.00	0.00	0.00	0.9	E
7/7/2023 13:26:00	24.5	22.9	-1.5	0.00	0.00	0.00	0.9	E
7/7/2023 13:27:00	23.7	23.6	-0.1	0.00	0.00	0.00	0.9	W
7/7/2023 13:28:00	23.8	24.1	0.3	0.00	0.00	0.00	0.9	SW
7/7/2023 13:29:00	22.7	23.8	1.1	0.00	0.00	0.00	0.9	SW
7/7/2023 13:30:00	22.9	22.3	-0.7	0.00	0.00	0.00	1.0	SSW
7/7/2023 13:31:00	22.0	22.2	0.1	0.00	0.00	0.00	1.0	SSW
7/7/2023 13:32:00	21.3	21.7	0.4	0.00	0.00	0.00	1.0	SSW
7/7/2023 13:33:00	20.4	20.9	0.5	0.00	0.00	0.00	1.1	W
7/7/2023 13:34:00	20.0	20.1	0.1	0.00	0.00	0.00	1.1	SSW
7/7/2023 13:35:00	19.0	19.6	0.6	0.00	0.00	0.00	1.1	S
7/7/2023 13:36:00	18.4	18.8	0.4	0.00	0.00	0.00	1.1	ESE
7/7/2023 13:37:00	18.0	18.8	0.8	0.00	0.00	0.00	1.1	SSE
7/7/2023 13:38:00	17.5	18.5	1.0	0.00	0.00	0.00	1.1	ESE
7/7/2023 13:39:00	17.0	18.1	1.2	0.00	0.00	0.00	1.1	ESE
7/7/2023 13:40:00	16.5	18.0	1.5	0.00	0.00	0.00	1.1	SSE
7/7/2023 13:41:00	16.2	17.1	0.9	0.00	0.00	0.00	1.1	SSE
7/7/2023 13:42:00	16.4	16.7	0.3	0.00	0.00	0.00	1.1	WNW
7/7/2023 13:43:00	15.8	16.7	0.9	0.00	0.00	0.00	1.1	ESE
7/7/2023 13:44:00	15.5	16.5	0.9	0.00	0.00	0.00	1.0	WNW

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
7/7/2023 13:45:00	14.8	16.5	1.8	0.00	0.01	0.01	1.0	NE
7/7/2023 13:46:00	14.3	16.7	2.4	0.00	0.01	0.01	1.0	ESE
7/7/2023 13:47:00	13.9	16.5	2.6	0.00	0.02	0.01	1.0	NNE
7/7/2023 13:48:00	13.8	16.7	2.9	0.00	0.02	0.01	1.0	NE
7/7/2023 13:49:00	13.8	16.5	2.7	0.00	0.02	0.01	0.9	WNW
7/7/2023 13:50:00	14.0	17.6	3.6	0.00	0.02	0.01	0.9	NW
7/7/2023 13:51:00	15.5	19.2	3.7	0.00	0.02	0.01	0.9	NW
7/7/2023 13:52:00	16.6	20.6	3.9	0.00	0.02	0.01	0.9	SE
7/7/2023 13:53:00	17.1	22.0	4.9	0.00	0.02	0.01	0.9	SSE
7/7/2023 13:54:00	17.8	25.5	7.7	0.00	0.02	0.01	0.9	SSE
7/7/2023 13:55:00	19.8	25.2	5.4	0.00	0.02	0.01	0.8	ENE
7/7/2023 13:56:00	19.9	25.2	5.2	0.00	0.02	0.01	0.9	E
7/7/2023 13:57:00	19.9	26.8	6.8	0.00	0.02	0.01	0.9	SSE
7/7/2023 13:58:00	23.3	26.2	2.9	0.00	0.02	0.01	0.9	ESE
7/7/2023 13:59:00	23.0	27.8	4.7	0.00	0.02	0.01	0.9	S
7/7/2023 14:00:00	23.7	28.7	5.0	0.00	0.01	0.01	0.9	SE
7/7/2023 14:01:00	25.7	28.9	3.2	0.00	0.01	0.00	0.9	WNW
7/7/2023 14:02:00	26.5	28.9	2.4	0.00	0.00	0.00	0.9	NW
7/7/2023 14:03:00	26.9	29.7	2.8	0.00	0.00	0.00	0.9	SE
7/7/2023 14:04:00	27.3	30.7	3.5	0.00	0.00	0.00	0.9	ESE
7/7/2023 14:05:00	29.1	30.7	1.6	0.00	0.00	0.00	0.9	NNE
7/7/2023 14:06:00	28.5	29.8	1.3	0.00	0.00	0.00	0.9	ESE
7/7/2023 14:07:00	27.9	29.1	1.2	0.00	0.00	0.00	0.9	ENE
7/7/2023 14:08:00	28.3	28.7	0.4	0.00	0.00	0.00	0.9	N
7/7/2023 14:09:00	27.9	25.9	-2.1	0.00	0.00	0.00	0.9	NNW
7/7/2023 14:10:00	26.7	25.7	-1.0	0.00	0.00	0.00	0.9	NW
7/7/2023 14:11:00	26.8	26.2	-0.5	0.00	0.00	0.00	0.9	W
7/7/2023 14:12:00	27.3	25.1	-2.2	0.00	0.00	0.00	0.9	ESE
7/7/2023 14:13:00	24.3	25.8	1.5	0.00	0.00	0.00	0.9	SE
7/7/2023 14:14:00	24.6	24.8	0.3	0.00	0.00	0.00	0.9	E
7/7/2023 14:15:00	24.4	23.7	-0.7	0.00	0.00	0.00	0.9	SW
7/7/2023 14:16:00	23.3	23.6	0.2	0.00	0.00	0.00	1.0	SW
7/7/2023 14:17:00	23.3	23.5	0.3	0.00	0.00	0.00	1.0	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
7/7/2023 14:18:00	23.5	22.5	-1.0	0.00	0.00	0.00	1.0	WSW
7/7/2023 14:19:00	22.8	21.5	-1.3	0.00	0.00	0.00	1.1	WSW
7/7/2023 14:20:00	20.9	20.3	-0.6	0.00	0.00	0.00	1.2	SE
7/7/2023 14:21:00	19.9	19.9	-0.1	0.00	0.00	0.00	1.1	ENE
7/7/2023 14:22:00	19.0	19.9	0.9	0.00	0.00	0.00	1.1	SSE
7/7/2023 14:23:00	19.4	18.7	-0.7	0.00	0.00	0.00	1.1	NNW
7/7/2023 14:24:00	19.6	18.1	-1.5	0.00	0.00	0.00	1.2	NW
7/7/2023 14:25:00	18.8	18.7	-0.1	0.00	0.00	0.00	1.1	E
7/7/2023 14:26:00	18.7	17.9	-0.8	0.00	0.00	0.00	1.1	WNW
7/7/2023 14:27:00	17.9	17.4	-0.5	0.00	0.00	0.00	1.1	E
7/7/2023 14:28:00	17.4	17.4	0.1	0.00	0.00	0.00	1.1	NNE
7/7/2023 14:29:00	17.9	17.0	-0.8	0.00	0.00	0.00	1.1	SSE
7/7/2023 14:30:00	18.9	17.4	-1.4	0.00	0.00	0.00	1.2	WNW
7/7/2023 14:31:00	18.1	17.6	-0.5	0.00	0.00	0.00	1.2	ENE
7/7/2023 14:32:00	17.3	18.3	1.0	0.00	0.00	0.00	1.2	SE
7/7/2023 14:33:00	16.9	19.3	2.3	0.00	0.00	0.00	1.1	NNW
7/7/2023 14:34:00	17.2	21.0	3.9	0.00	0.00	0.00	1.1	SSE
7/7/2023 14:35:00	19.0	21.1	2.1	0.00	0.00	0.00	1.1	W
7/7/2023 14:36:00	18.9	21.6	2.7	0.00	0.00	0.00	1.1	SE
7/7/2023 14:37:00	19.4	20.6	1.2	0.00	0.00	0.00	1.1	WSW
7/7/2023 14:38:00	18.7	20.6	1.9	0.00	0.00	0.00	1.0	NW
7/7/2023 14:39:00	18.9	20.7	1.8	0.00	0.00	0.00	1.0	NW
7/7/2023 14:40:00	19.6	20.1	0.4	0.00	0.00	0.00	1.1	SW
7/7/2023 14:41:00	19.0	20.5	1.5	0.00	0.00	0.00	1.1	SSE
7/7/2023 14:42:00	19.9	20.1	0.2	0.00	0.00	0.00	1.0	NW
7/7/2023 14:43:00	20.2	19.3	-0.9	0.00	0.00	0.00	1.1	WSW
7/7/2023 14:44:00	19.4	19.0	-0.5	0.00	0.00	0.00	1.1	NW
7/7/2023 14:45:00	17.7	18.4	0.6	0.00	0.00	0.00	1.0	W
7/7/2023 14:46:00	17.4	17.6	0.2	0.00	0.00	0.00	1.0	W
7/7/2023 14:47:00	17.1	16.5	-0.5	0.00	0.00	0.00	1.0	WNW
7/7/2023 14:48:00	16.5	15.4	-1.1	0.00	0.00	0.00	1.0	W
7/7/2023 14:49:00	16.0	13.3	-2.7	0.00	0.00	0.00	1.0	W
7/7/2023 14:50:00	13.9	13.0	-0.8	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
7/7/2023 14:51:00	13.6	11.8	-1.8	0.00	0.00	0.00	1.0	S
7/7/2023 14:52:00	12.8	11.6	-1.2	0.00	0.00	0.00	1.0	W
7/7/2023 14:53:00	12.0	11.5	-0.5	0.00	0.00	0.00	1.0	W
7/7/2023 14:54:00	11.3	10.9	-0.3	0.00	0.00	0.00	1.0	W
7/7/2023 14:55:00	10.4	10.5	0.1	0.00	0.00	0.00	1.0	W
7/7/2023 14:56:00				0.00	0.00	0.00	1.0	W
7/7/2023 14:57:00				0.00	0.00	0.00	1.0	WSW
7/7/2023 14:58:00				0.00	0.00	0.00	1.0	N
7/7/2023 14:59:00	9.5	8.3	-1.2	0.00	0.00	0.00	1.0	W
7/7/2023 15:00:00	10.3	8.2	-2.1	0.00	0.00	0.00	1.0	WNW
7/7/2023 15:01:00	10.2	8.7	-1.6	0.00	0.00	0.00	1.0	NW
7/7/2023 15:02:00	9.9	9.0	-0.9	0.00	0.00	0.00	1.0	WSW
7/7/2023 15:03:00	9.6	7.2	-2.4	0.00	0.00	0.00	1.0	ESE
7/7/2023 15:04:00	9.3	6.0	-3.3	0.00	0.00	0.00	1.0	SSE
7/7/2023 15:05:00	9.1	6.3	-2.9	0.00	0.00	0.00	1.0	NW
7/7/2023 15:06:00	8.9	6.8	-2.2	0.00	0.00	0.00	1.0	E
7/7/2023 15:07:00	8.8	7.4	-1.4	0.00	0.00	0.00	1.0	SE
7/7/2023 15:08:00	8.7	7.7	-1.0	0.00	0.00	0.00	1.1	ENE
7/7/2023 15:09:00	8.6	8.1	-0.5	0.00	0.00	0.00	1.0	ESE
7/7/2023 15:10:00	8.7	8.2	-0.5	0.00	0.00	0.00	1.0	WNW
7/7/2023 15:11:00	8.7	8.3	-0.4	0.00	0.00	0.00	1.0	SSE
7/7/2023 15:12:00	8.6	8.3	-0.3	0.00	0.00	0.00	1.0	ESE
7/7/2023 15:13:00	8.5	8.4	-0.2	0.00	0.00	0.00	1.0	ESE
7/7/2023 15:14:00	8.5	8.4	-0.1	0.00	0.00	0.00	1.1	SE
7/7/2023 15:15:00	8.3	8.4	0.1	0.00	0.00	0.00	1.0	NW
7/7/2023 15:16:00	8.2	8.4	0.2	0.00	0.00	0.00	1.0	E
7/7/2023 15:17:00	8.2	8.4	0.2	0.00	0.00	0.00	1.0	SE
7/7/2023 15:18:00	8.2	9.0	0.8	0.00	0.00	0.00	1.0	SW
7/7/2023 15:19:00	8.3	9.5	1.2	0.00	0.00	0.00	1.0	WSW
7/7/2023 15:20:00	8.3	9.7	1.4	0.00	0.00	0.00	1.0	NNE
7/7/2023 15:21:00	8.4	9.7	1.3	0.00	0.00	0.00	1.1	ESE
7/7/2023 15:22:00	8.6	9.4	0.8	0.00	0.00	0.00	1.0	WNW
7/7/2023 15:23:00	8.7	9.5	0.8	0.00	0.00	0.00	1.0	NNW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/7/2023 15:24:00	8.9	9.4	0.5	0.00	0.00	0.00	1.0	W
7/7/2023 15:25:00	9.0	9.5	0.6	0.00	0.00	0.00	1.0	SSE
7/7/2023 15:26:00	9.2	9.6	0.4	0.00	0.00	0.00	1.0	WNW
7/7/2023 15:27:00	9.5	9.8	0.3	0.00	0.00	0.00	1.0	SSW
7/7/2023 15:28:00	9.6	9.9	0.3	0.00	0.00	0.00	1.0	S
7/7/2023 15:29:00	10.0	10.1	0.1	0.00	0.00	0.00	1.0	S
7/7/2023 15:30:00	10.3	10.1	-0.3	0.00	0.00	0.00	1.0	WNW
7/7/2023 15:31:00	10.3	10.0	-0.3	0.00	0.00	0.00	1.0	WSW
7/7/2023 15:32:00	10.4	9.9	-0.5	0.00	0.00	0.00	1.0	NNW
7/7/2023 15:33:00	10.4	10.0	-0.5	0.00	0.00	0.00	0.9	ESE