

DAILY FIELD REPORT 022

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 6, 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)

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

Foundation Contractor: Urban Foundation/Engineering (Urban)

Langan Field Personnel:

Padmanabhan Krishnaswamy
(Environmental)

Xianglei Zheng (Geotechnical)

Work Activities Performed:

- Urban excavated an about 20-foot-long by 5-foot-wide area to about 2-feet below grade surface (bgs) in the northern 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 and was covered with polyethylene sheeting at the end of the day, pending off-site disposal.
- 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 installed four, about 58-inch-diameter, soil-mix columns using a Bauer BG 28H drilling rig in the northern part of the site.
- Urban installed two, about 36-inch-diameter, caisson casings using a Double L drilling rig in the central part of the site.
- The New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) were on-site to discuss the implementation of the NYSDEC-approved Remedial Action Work Plan (RAWP), including community air monitoring (CAMP), dust suppression, and off-site disposal of soil/fill with Council Member Christopher Marte from Manhattan Community Board 1.

Material Tracking:

- The following soil/fill was exported from the site:
 - 3 loads of soil/fill from waste characterization grids WC03_0-5 and WC04_0-5 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)
	22	440	17	340	0	-	14	280

Samples Collected:

- No samples were collected.

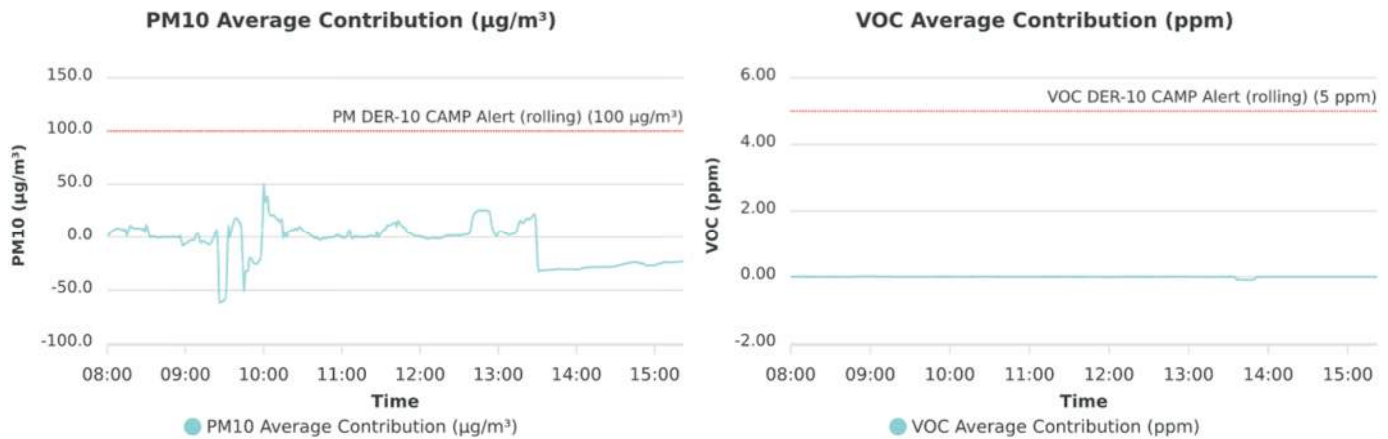
Air Monitoring:

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 from 10:43 to 10:45, 14:39 to 14:40 and 14:42 to 14:43. The data gaps were attributed to relocation of the station at 10:43 and an error encountered with the weather station equipment between 14:39 and 14:43.

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)		Organic Vapor Monitoring (ppm)	
Daily Background	22.4	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-128.9	VOC Average Site Contribution (Minimum)	-0.14
PM10 Average Site Contribution (Maximum)	53.3	VOC Average Site Contribution (Maximum)	0.14

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

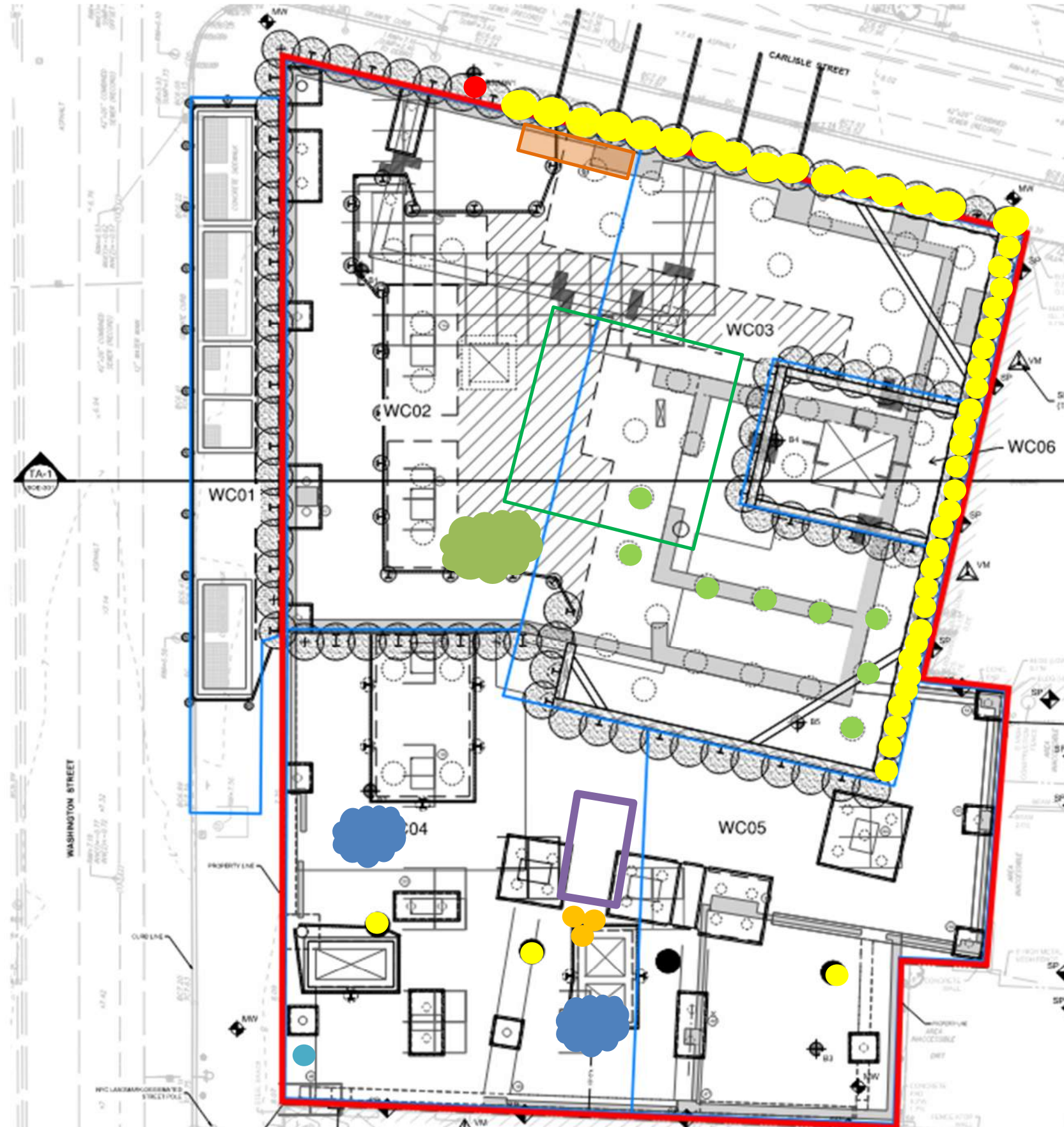
ppm: parts per million.



Planned Activities:

- 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 installing a caisson casing in the central part of waste characterization grid WC03 (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 northern part of the site (facing northwest).



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 north).



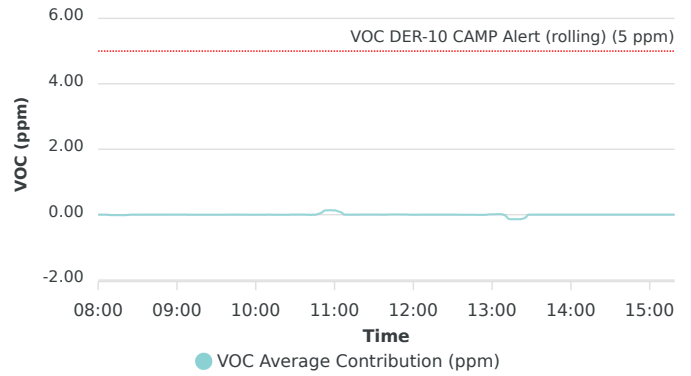
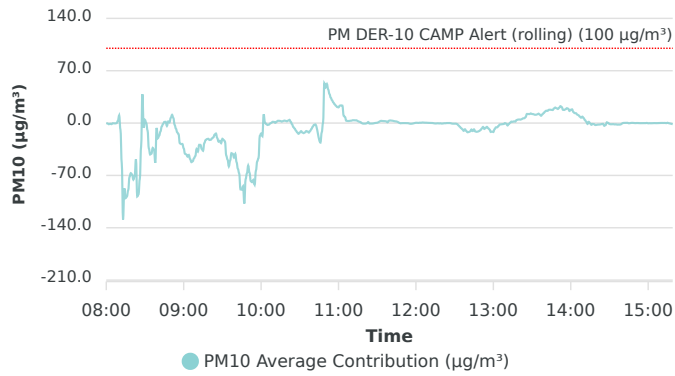
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	7/6/2023 08:00
		To:	7/6/2023 18:00
		PM10 Action Level:	100 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
7/6/2023	0.2-4	N

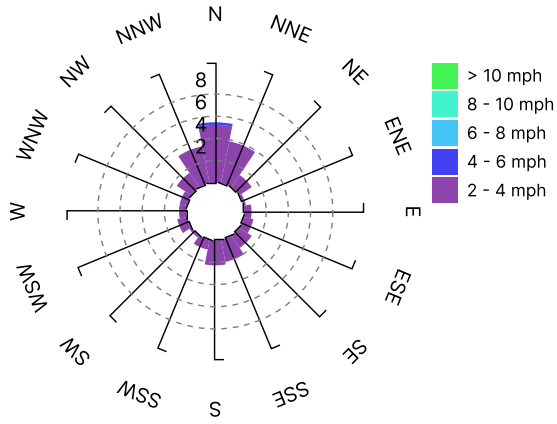


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

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
7/6/2023 08:00:00	22.4	22.4	0.0	0.00	0.00	0.00	0.4	NNW
7/6/2023 08:01:00	21.7	21.1	-0.6	0.00	0.00	0.00	0.5	WSW
7/6/2023 08:02:00	21.4	19.8	-1.6	0.00	0.00	0.00	0.5	WSW
7/6/2023 08:03:00	20.6	19.7	-0.9	0.00	0.00	0.00	0.5	NW
7/6/2023 08:04:00	20.9	19.4	-1.5	0.00	0.00	0.00	0.4	NW
7/6/2023 08:05:00	20.4	20.2	-0.2	0.00	0.00	0.00	0.5	WNW
7/6/2023 08:06:00	20.5	20.1	-0.4	0.00	0.00	0.00	0.5	SW
7/6/2023 08:07:00	20.9	20.4	-0.5	0.01	0.00	0.00	0.5	SW
7/6/2023 08:08:00	21.1	21.0	-0.1	0.01	0.00	-0.01	0.5	SSE
7/6/2023 08:09:00	21.8	24.8	3.0	0.01	0.00	-0.01	0.5	S
7/6/2023 08:10:00	22.2	32.5	10.3	0.02	0.00	-0.01	0.5	SSE
7/6/2023 08:11:00	42.2	33.3	-8.9	0.02	0.00	-0.01	0.5	ENE
7/6/2023 08:12:00	87.7	34.1	-53.6	0.02	0.00	-0.01	0.5	ENE
7/6/2023 08:13:00	164.1	35.1	-128.9	0.02	0.00	-0.01	0.5	ENE
7/6/2023 08:14:00	166.0	78.7	-87.3	0.02	0.00	-0.01	0.5	SSE
7/6/2023 08:15:00	182.3	82.0	-100.3	0.02	0.00	-0.01	0.5	WNW
7/6/2023 08:16:00	184.4	86.1	-98.3	0.02	0.00	-0.01	0.5	SSW
7/6/2023 08:17:00	186.9	97.1	-89.7	0.02	0.00	-0.01	0.5	S
7/6/2023 08:18:00	188.9	116.9	-72.0	0.02	0.00	-0.01	0.5	SSE
7/6/2023 08:19:00	191.3	124.3	-67.0	0.02	0.00	-0.01	0.5	S
7/6/2023 08:20:00	195.1	126.3	-68.8	0.02	0.00	-0.01	0.4	SW
7/6/2023 08:21:00	204.7	129.0	-75.7	0.02	0.00	-0.01	0.4	ENE
7/6/2023 08:22:00	206.0	134.9	-71.1	0.01	0.00	-0.01	0.4	SW
7/6/2023 08:23:00	207.4	159.0	-48.4	0.01	0.00	-0.01	0.4	ESE
7/6/2023 08:24:00	258.5	160.4	-98.1	0.01	0.00	0.00	0.4	NW
7/6/2023 08:25:00	261.6	166.3	-95.3	0.00	0.00	0.00	0.4	S
7/6/2023 08:26:00	243.7	169.1	-74.6	0.00	0.00	0.00	0.4	S
7/6/2023 08:27:00	201.4	170.0	-31.4	0.00	0.00	0.00	0.5	WSW
7/6/2023 08:28:00	130.8	169.3	38.5	0.00	0.00	0.00	0.5	SSW
7/6/2023 08:29:00	132.9	126.7	-6.3	0.00	0.00	0.00	0.5	W
7/6/2023 08:30:00	120.2	124.3	4.1	0.00	0.00	0.00	0.6	W
7/6/2023 08:31:00	120.9	120.9	0.0	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
7/6/2023 08:32:00	120.5	110.5	-9.9	0.00	0.00	0.00	0.6	W
7/6/2023 08:33:00	124.7	90.7	-34.0	0.00	0.00	0.00	0.6	S
7/6/2023 08:34:00	125.9	83.9	-42.0	0.00	0.00	0.00	0.6	SSW
7/6/2023 08:35:00	123.0	82.0	-41.0	0.00	0.00	0.00	0.6	NW
7/6/2023 08:36:00	113.3	80.1	-33.2	0.00	0.00	0.00	0.6	N
7/6/2023 08:37:00	112.3	76.7	-35.6	0.00	0.00	0.00	0.6	W
7/6/2023 08:38:00	111.3	58.2	-53.1	0.00	0.00	0.00	0.6	SSE
7/6/2023 08:39:00	61.1	54.6	-6.5	0.00	0.00	0.00	0.6	S
7/6/2023 08:40:00	62.3	42.1	-20.2	0.00	0.00	0.00	0.6	S
7/6/2023 08:41:00	65.7	48.8	-16.9	0.00	0.00	0.00	0.6	ESE
7/6/2023 08:42:00	64.5	53.2	-11.3	0.00	0.00	0.00	0.5	SSW
7/6/2023 08:43:00	59.4	54.9	-4.5	0.00	0.00	0.00	0.5	WSW
7/6/2023 08:44:00	56.1	54.8	-1.2	0.00	0.00	0.00	0.5	NNW
7/6/2023 08:45:00	53.4	54.9	1.5	0.00	0.00	0.00	0.5	S
7/6/2023 08:46:00	53.3	55.0	1.7	0.00	0.00	0.00	0.4	WSW
7/6/2023 08:47:00	58.5	54.6	-3.9	0.00	0.00	0.00	0.4	SSW
7/6/2023 08:48:00	53.9	56.0	2.1	0.00	0.00	0.00	0.4	SW
7/6/2023 08:49:00	54.6	55.5	1.0	0.00	0.00	0.00	0.4	WNW
7/6/2023 08:50:00	53.7	60.8	7.0	0.00	0.00	0.00	0.5	NW
7/6/2023 08:51:00	53.9	64.9	11.0	0.00	0.00	0.00	0.5	NW
7/6/2023 08:52:00	56.7	63.6	6.8	0.00	0.00	0.00	0.5	S
7/6/2023 08:53:00	60.2	57.8	-2.5	0.00	0.00	0.00	0.5	SSW
7/6/2023 08:54:00	63.9	56.3	-7.6	0.00	0.00	0.00	0.5	S
7/6/2023 08:55:00	68.1	55.7	-12.5	0.00	0.00	0.00	0.5	SSW
7/6/2023 08:56:00	64.4	49.7	-14.7	0.00	0.00	0.00	0.5	NW
7/6/2023 08:57:00	71.2	44.2	-27.1	0.00	0.00	0.00	0.5	SSE
7/6/2023 08:58:00	75.1	47.0	-28.1	0.00	0.00	0.00	0.5	S
7/6/2023 08:59:00	76.8	48.8	-27.9	0.00	0.00	0.00	0.5	S
7/6/2023 09:00:00	82.0	48.2	-33.8	0.00	0.00	0.00	0.5	WSW
7/6/2023 09:01:00	88.7	47.6	-41.1	0.00	0.00	0.00	0.5	SSW
7/6/2023 09:02:00	90.7	48.7	-41.9	0.00	0.00	0.00	0.5	SSW
7/6/2023 09:03:00	93.1	48.2	-44.9	0.00	0.00	0.00	0.5	S
7/6/2023 09:04:00	90.7	48.1	-42.6	0.00	0.00	0.00	0.5	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
7/6/2023 09:05:00	91.8	43.5	-48.3	0.00	0.00	0.00	0.4	SSW
7/6/2023 09:06:00	92.2	39.9	-52.3	0.00	0.00	0.00	0.4	SSW
7/6/2023 09:07:00	90.7	39.6	-51.1	0.00	0.00	0.00	0.4	NE
7/6/2023 09:08:00	88.3	41.3	-47.0	0.00	0.00	0.00	0.4	NW
7/6/2023 09:09:00	86.1	41.8	-44.2	0.00	0.00	0.00	0.4	S
7/6/2023 09:10:00	78.2	43.6	-34.6	0.00	0.00	0.00	0.4	NNW
7/6/2023 09:11:00	79.0	40.8	-38.2	0.00	0.00	0.00	0.4	N
7/6/2023 09:12:00	74.7	45.6	-29.1	0.00	0.00	0.00	0.4	W
7/6/2023 09:13:00	73.0	43.8	-29.2	0.00	0.00	0.00	0.5	W
7/6/2023 09:14:00	76.9	42.1	-34.7	0.00	0.00	0.00	0.5	WSW
7/6/2023 09:15:00	81.6	44.5	-37.0	0.00	0.00	0.00	0.4	S
7/6/2023 09:16:00	78.7	52.0	-26.7	0.00	0.00	0.00	0.4	NW
7/6/2023 09:17:00	74.7	52.0	-22.7	0.00	0.00	0.00	0.4	W
7/6/2023 09:18:00	73.5	52.0	-21.5	0.00	0.00	0.00	0.4	SW
7/6/2023 09:19:00	73.5	52.6	-21.0	0.00	0.00	0.00	0.4	WSW
7/6/2023 09:20:00	74.2	51.6	-22.6	0.00	0.00	0.00	0.4	SW
7/6/2023 09:21:00	73.9	51.6	-22.4	0.00	0.00	0.00	0.5	NNW
7/6/2023 09:22:00	72.1	51.7	-20.4	0.00	0.00	0.00	0.5	N
7/6/2023 09:23:00	70.7	51.6	-19.1	0.00	0.00	0.00	0.5	NNW
7/6/2023 09:24:00	68.4	53.0	-15.4	0.00	0.00	0.00	0.5	NE
7/6/2023 09:25:00	69.3	55.3	-14.0	0.00	0.00	0.00	0.5	SSW
7/6/2023 09:26:00	74.6	54.5	-20.0	0.00	0.00	0.00	0.5	NW
7/6/2023 09:27:00	74.6	49.8	-24.8	0.00	0.00	0.00	0.5	NNW
7/6/2023 09:28:00	73.9	50.1	-23.7	0.00	0.00	0.00	0.5	ENE
7/6/2023 09:29:00	78.7	51.8	-26.9	0.00	0.00	0.00	0.5	SE
7/6/2023 09:30:00	71.4	50.4	-21.1	0.00	0.00	0.00	0.5	W
7/6/2023 09:31:00	66.6	43.9	-22.8	0.00	0.00	0.00	0.5	SE
7/6/2023 09:32:00	69.1	44.5	-24.6	0.00	0.00	0.00	0.6	E
7/6/2023 09:33:00	88.5	44.9	-43.6	0.00	0.00	0.00	0.6	NE
7/6/2023 09:34:00	93.8	44.9	-48.9	0.00	0.00	0.00	0.6	ENE
7/6/2023 09:35:00	103.5	45.6	-58.0	0.00	0.00	0.00	0.6	ENE
7/6/2023 09:36:00	104.0	53.8	-50.2	0.00	0.00	0.00	0.6	SE
7/6/2023 09:37:00	106.5	66.2	-40.3	0.00	0.00	0.00	0.7	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
7/6/2023 09:38:00	107.5	66.5	-41.0	0.00	0.00	0.00	0.7	ESE
7/6/2023 09:39:00	111.7	65.5	-46.1	0.00	0.00	0.00	0.7	ENE
7/6/2023 09:40:00	110.9	69.8	-41.1	0.00	0.00	0.00	0.7	SE
7/6/2023 09:41:00	122.7	70.3	-52.4	0.00	0.00	0.00	0.7	E
7/6/2023 09:42:00	131.6	70.4	-61.2	0.00	0.00	0.00	0.7	NNE
7/6/2023 09:43:00	134.7	67.4	-67.2	0.00	0.00	0.00	0.7	ENE
7/6/2023 09:44:00	155.0	66.3	-88.7	0.00	0.00	0.00	0.7	NW
7/6/2023 09:45:00	156.8	67.7	-89.1	0.00	0.00	0.00	0.7	E
7/6/2023 09:46:00	159.3	74.8	-84.5	0.00	0.00	0.00	0.6	SW
7/6/2023 09:47:00	184.4	76.8	-107.6	0.00	0.00	0.00	0.6	SSE
7/6/2023 09:48:00	168.7	93.7	-75.0	0.00	0.00	0.00	0.6	NE
7/6/2023 09:49:00	164.5	97.3	-67.2	0.00	0.00	0.00	0.6	ESE
7/6/2023 09:50:00	154.9	98.1	-56.8	0.00	0.00	0.00	0.6	SE
7/6/2023 09:51:00	155.4	89.2	-66.2	0.00	0.00	0.00	0.6	W
7/6/2023 09:52:00	153.5	75.8	-77.7	0.00	0.00	0.00	0.5	WSW
7/6/2023 09:53:00	152.5	73.4	-79.1	0.00	0.00	0.00	0.5	SSW
7/6/2023 09:54:00	148.2	72.3	-75.9	0.00	0.00	0.00	0.5	SE
7/6/2023 09:55:00	146.7	64.4	-82.4	0.00	0.00	0.00	0.5	E
7/6/2023 09:56:00	127.1	63.6	-63.4	0.00	0.00	0.00	0.5	E
7/6/2023 09:57:00	114.0	62.9	-51.1	0.00	0.00	0.00	0.5	W
7/6/2023 09:58:00	109.2	62.4	-46.9	0.00	0.00	0.00	0.5	S
7/6/2023 09:59:00	78.0	60.9	-17.1	0.00	0.00	0.00	0.5	SSW
7/6/2023 10:00:00	72.5	58.5	-14.0	0.00	0.00	0.00	0.5	NNW
7/6/2023 10:01:00	68.0	50.6	-17.5	0.00	0.00	0.00	0.6	NW
7/6/2023 10:02:00	35.0	46.7	11.7	0.00	0.00	0.00	0.6	ENE
7/6/2023 10:03:00	28.3	28.8	0.6	0.00	0.00	0.00	0.7	E
7/6/2023 10:04:00	25.6	24.3	-1.4	0.00	0.00	0.00	0.8	SSE
7/6/2023 10:05:00	24.7	22.1	-2.6	0.00	0.00	0.00	0.8	SE
7/6/2023 10:06:00	23.6	21.5	-2.1	0.00	0.00	0.00	0.8	SE
7/6/2023 10:07:00	22.4	21.8	-0.6	0.00	0.00	0.00	0.9	ESE
7/6/2023 10:08:00	21.8	22.3	0.5	0.00	0.00	0.00	1.0	ENE
7/6/2023 10:09:00	21.2	22.9	1.7	0.00	0.00	0.00	1.1	ENE
7/6/2023 10:10:00	21.0	22.6	1.5	0.00	0.00	0.00	1.1	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
7/6/2023 10:11:00	21.6	22.0	0.4	0.00	0.00	0.00	1.2	SE
7/6/2023 10:12:00	21.1	22.9	1.8	0.00	0.00	0.00	1.2	ESE
7/6/2023 10:13:00	20.7	23.8	3.0	0.01	0.00	-0.01	1.2	E
7/6/2023 10:14:00	20.6	23.7	3.0	0.01	0.01	0.00	1.3	ESE
7/6/2023 10:15:00	20.5	23.3	2.7	0.01	0.01	0.00	1.2	ESE
7/6/2023 10:16:00	20.8	22.8	2.0	0.01	0.01	0.00	1.2	ESE
7/6/2023 10:17:00	20.7	23.3	2.7	0.01	0.01	0.00	1.2	ENE
7/6/2023 10:18:00	20.5	23.8	3.3	0.01	0.01	0.00	1.2	NW
7/6/2023 10:19:00	20.7	23.6	3.0	0.01	0.01	0.00	1.2	S
7/6/2023 10:20:00	21.1	23.5	2.4	0.01	0.01	0.00	1.3	SE
7/6/2023 10:21:00	21.3	24.7	3.4	0.01	0.01	0.00	1.3	E
7/6/2023 10:22:00	21.4	25.7	4.3	0.01	0.01	0.00	1.3	ENE
7/6/2023 10:23:00	23.5	25.1	1.6	0.01	0.01	0.00	1.4	ESE
7/6/2023 10:24:00	26.0	24.3	-1.7	0.01	0.01	0.00	1.4	SSE
7/6/2023 10:25:00	28.8	23.4	-5.4	0.01	0.01	0.00	1.4	SE
7/6/2023 10:26:00	30.7	23.4	-7.4	0.01	0.01	0.00	1.5	SSE
7/6/2023 10:27:00	32.3	22.2	-10.1	0.01	0.01	0.00	1.5	SSE
7/6/2023 10:28:00	33.6	21.1	-12.5	0.00	0.01	0.01	1.5	SE
7/6/2023 10:29:00	35.2	20.9	-14.3	0.00	0.00	0.00	1.6	S
7/6/2023 10:30:00	35.1	22.4	-12.7	0.00	0.00	0.00	1.7	E
7/6/2023 10:31:00	34.7	23.9	-10.8	0.00	0.00	0.00	1.7	E
7/6/2023 10:32:00	35.4	22.8	-12.7	0.00	0.00	0.00	1.8	SE
7/6/2023 10:33:00	35.4	21.9	-13.5	0.00	0.00	0.00	1.7	NNE
7/6/2023 10:34:00	34.4	21.9	-12.5	0.00	0.00	0.00	1.7	SE
7/6/2023 10:35:00	32.7	22.0	-10.7	0.00	0.00	0.00	1.7	E
7/6/2023 10:36:00	31.5	20.3	-11.3	0.00	0.00	0.00	1.6	S
7/6/2023 10:37:00	31.2	18.4	-12.8	0.00	0.00	0.00	1.6	E
7/6/2023 10:38:00	29.1	18.5	-10.6	0.00	0.00	0.00	1.5	SSE
7/6/2023 10:39:00	26.6	18.7	-7.9	0.01	0.00	-0.01	1.5	SSE
7/6/2023 10:40:00	23.8	18.9	-4.9	0.01	0.01	0.00	1.5	NE
7/6/2023 10:41:00	21.2	18.8	-2.4	0.02	0.02	-0.01	1.4	ESE
7/6/2023 10:42:00	19.6	17.8	-1.8	0.03	0.02	-0.01	1.5	ESE
7/6/2023 10:43:00				0.03	0.03	-0.01	1.4	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
7/6/2023 10:44:00				0.04	0.04	0.00	1.4	SSE
7/6/2023 10:45:00				0.05	0.04	-0.01	1.3	ESE
7/6/2023 10:46:00	66.8	40.7	-26.1	0.05	0.06	0.00	1.3	SE
7/6/2023 10:47:00	53.2	40.9	-12.4	0.05	0.07	0.01	1.3	SE
7/6/2023 10:48:00	48.4	48.6	0.2	0.06	0.08	0.03	1.3	SSW
7/6/2023 10:49:00	44.0	97.3	53.3	0.06	0.10	0.04	1.3	WSW
7/6/2023 10:50:00	40.9	88.5	47.6	0.06	0.11	0.06	1.4	SE
7/6/2023 10:51:00	38.7	91.0	52.3	0.06	0.14	0.09	1.4	S
7/6/2023 10:52:00	36.8	81.7	44.9	0.06	0.18	0.12	1.4	S
7/6/2023 10:53:00	34.9	73.6	38.7	0.06	0.18	0.13	1.5	SSE
7/6/2023 10:54:00	33.2	67.1	33.9	0.05	0.18	0.14	1.5	SSE
7/6/2023 10:55:00	31.5	62.0	30.5	0.04	0.17	0.13	1.5	S
7/6/2023 10:56:00	30.2	57.7	27.5	0.04	0.17	0.13	1.5	SSE
7/6/2023 10:57:00	29.1	54.3	25.1	0.03	0.17	0.14	1.5	SSE
7/6/2023 10:58:00	28.3	51.5	23.1	0.03	0.16	0.13	1.6	S
7/6/2023 10:59:00	27.9	49.3	21.4	0.02	0.15	0.13	1.5	W
7/6/2023 11:00:00	27.9	48.9	21.0	0.01	0.14	0.14	1.6	SE
7/6/2023 11:01:00	25.9	49.2	23.3	0.00	0.13	0.13	1.6	SSW
7/6/2023 11:02:00	25.5	49.1	23.7	0.00	0.12	0.11	1.6	N
7/6/2023 11:03:00	24.2	47.5	23.3	0.00	0.10	0.10	1.6	NW
7/6/2023 11:04:00	23.4	33.2	9.8	0.00	0.09	0.09	1.6	E
7/6/2023 11:05:00	23.0	31.1	8.1	0.00	0.07	0.07	1.5	SW
7/6/2023 11:06:00	22.5	25.6	3.1	0.00	0.04	0.04	1.5	WSW
7/6/2023 11:07:00	22.2	25.0	2.8	0.00	0.01	0.01	1.4	W
7/6/2023 11:08:00	22.2	24.9	2.7	0.00	0.00	0.00	1.3	SSE
7/6/2023 11:09:00	22.0	25.1	3.0	0.00	0.00	0.00	1.3	SW
7/6/2023 11:10:00	22.0	25.2	3.2	0.00	0.00	0.00	1.3	SSW
7/6/2023 11:11:00	22.0	25.8	3.8	0.00	0.00	0.00	1.3	WNW
7/6/2023 11:12:00	22.0	25.8	3.8	0.00	0.00	0.00	1.3	SW
7/6/2023 11:13:00	21.9	25.5	3.6	0.00	0.00	0.00	1.2	WSW
7/6/2023 11:14:00	21.4	25.1	3.7	0.00	0.00	0.00	1.2	SSE
7/6/2023 11:15:00	20.6	23.2	2.6	0.00	0.00	0.00	1.1	WSW
7/6/2023 11:16:00	19.3	21.1	1.8	0.00	0.00	0.00	1.1	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
7/6/2023 11:17:00	18.0	19.3	1.3	0.00	0.00	0.00	1.0	SW
7/6/2023 11:18:00	17.6	17.6	-0.1	0.00	0.00	0.00	1.0	SSW
7/6/2023 11:19:00	17.4	16.6	-0.7	0.00	0.00	0.00	1.0	NNE
7/6/2023 11:20:00	16.8	16.1	-0.7	0.00	0.00	0.00	1.1	NNW
7/6/2023 11:21:00	16.4	15.7	-0.7	0.00	0.00	0.00	1.0	WNW
7/6/2023 11:22:00	16.0	15.8	-0.2	0.00	0.00	0.00	1.0	W
7/6/2023 11:23:00	15.5	16.9	1.4	0.00	0.00	0.00	1.0	W
7/6/2023 11:24:00	17.4	16.8	-0.7	0.00	0.00	0.00	1.0	WNW
7/6/2023 11:25:00	18.0	17.3	-0.6	0.00	0.00	0.00	1.0	SW
7/6/2023 11:26:00	18.6	18.0	-0.7	0.00	0.00	0.00	0.9	W
7/6/2023 11:27:00	18.7	18.2	-0.5	0.00	0.00	0.00	0.9	NNW
7/6/2023 11:28:00	18.6	18.6	0.0	0.00	0.00	0.00	0.9	NE
7/6/2023 11:29:00	18.7	18.9	0.3	0.00	0.00	0.00	0.9	NW
7/6/2023 11:30:00	18.7	19.2	0.4	0.00	0.00	0.00	0.9	NNW
7/6/2023 11:31:00	18.8	20.0	1.2	0.00	0.00	0.00	0.9	NNE
7/6/2023 11:32:00	18.8	21.1	2.3	0.00	0.00	0.00	0.9	NW
7/6/2023 11:33:00	18.8	21.8	3.0	0.00	0.00	0.00	0.9	NE
7/6/2023 11:34:00	19.1	21.9	2.8	0.00	0.00	0.00	0.9	SSW
7/6/2023 11:35:00	19.2	21.8	2.6	0.00	0.00	0.00	0.8	S
7/6/2023 11:36:00	19.2	21.7	2.6	0.00	0.00	0.00	0.9	S
7/6/2023 11:37:00	19.2	21.4	2.2	0.00	0.00	0.00	0.9	E
7/6/2023 11:38:00	19.1	20.2	1.1	0.00	0.00	0.00	0.9	NW
7/6/2023 11:39:00	17.0	20.1	3.1	0.00	0.00	0.00	0.8	SW
7/6/2023 11:40:00	16.4	19.9	3.5	0.00	0.00	0.00	0.8	WSW
7/6/2023 11:41:00	15.6	18.9	3.3	0.00	0.00	0.00	0.8	SW
7/6/2023 11:42:00	15.2	18.3	3.1	0.00	0.01	0.01	0.9	WSW
7/6/2023 11:43:00	15.1	17.8	2.6	0.00	0.01	0.01	0.9	SSW
7/6/2023 11:44:00	14.9	17.3	2.3	0.00	0.01	0.01	0.9	SW
7/6/2023 11:45:00	14.8	16.9	2.1	0.00	0.01	0.01	0.9	SW
7/6/2023 11:46:00	14.6	16.0	1.4	0.00	0.01	0.01	1.0	WSW
7/6/2023 11:47:00	14.4	14.7	0.4	0.00	0.01	0.01	1.0	W
7/6/2023 11:48:00	14.3	14.0	-0.3	0.00	0.01	0.01	1.0	WSW
7/6/2023 11:49:00	13.9	13.8	-0.1	0.00	0.01	0.01	1.0	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
7/6/2023 11:50:00	13.7	13.7	-0.1	0.00	0.01	0.01	0.9	WSW
7/6/2023 11:51:00	13.7	13.7	-0.1	0.00	0.01	0.01	1.0	S
7/6/2023 11:52:00	13.6	13.5	-0.1	0.00	0.01	0.01	1.0	W
7/6/2023 11:53:00	13.5	13.4	-0.1	0.00	0.01	0.01	1.0	SSW
7/6/2023 11:54:00	13.4	13.2	-0.1	0.00	0.01	0.01	1.1	SW
7/6/2023 11:55:00	13.1	12.4	-0.7	0.00	0.01	0.01	1.1	S
7/6/2023 11:56:00	13.0	12.1	-1.0	0.00	0.00	0.00	1.2	SSW
7/6/2023 11:57:00	13.0	12.2	-0.8	0.00	0.00	0.00	1.3	SSW
7/6/2023 11:58:00	13.0	12.6	-0.4	0.00	0.00	0.00	1.3	S
7/6/2023 11:59:00	13.0	13.0	0.0	0.00	0.00	0.00	1.4	S
7/6/2023 12:00:00	12.9	13.3	0.4	0.00	0.00	0.00	1.4	S
7/6/2023 12:01:00	13.0	13.3	0.4	0.00	0.00	0.00	1.6	SE
7/6/2023 12:02:00	13.3	13.5	0.2	0.00	0.00	0.00	1.6	E
7/6/2023 12:03:00	13.6	14.1	0.5	0.00	0.00	0.00	1.7	SSE
7/6/2023 12:04:00	14.1	14.5	0.4	0.00	0.00	0.00	1.7	SSE
7/6/2023 12:05:00	14.3	15.1	0.8	0.00	0.00	0.00	1.8	E
7/6/2023 12:06:00	14.8	15.5	0.6	0.00	0.00	0.00	1.8	NE
7/6/2023 12:07:00	15.3	15.8	0.5	0.00	0.00	0.00	1.8	E
7/6/2023 12:08:00	15.6	16.0	0.5	0.00	0.00	0.00	1.8	SSE
7/6/2023 12:09:00	15.9	16.3	0.3	0.00	0.00	0.00	1.8	SSW
7/6/2023 12:10:00	16.2	16.4	0.2	0.00	0.00	0.00	1.8	SE
7/6/2023 12:11:00	16.2	16.4	0.2	0.00	0.00	0.00	1.8	SE
7/6/2023 12:12:00	16.1	16.2	0.1	0.00	0.00	0.00	1.8	S
7/6/2023 12:13:00	15.9	16.0	0.1	0.00	0.00	0.00	1.8	SW
7/6/2023 12:14:00	15.8	15.5	-0.3	0.00	0.00	0.00	1.8	E
7/6/2023 12:15:00	15.6	15.0	-0.6	0.00	0.00	0.00	1.7	ENE
7/6/2023 12:16:00	15.4	14.9	-0.5	0.00	0.00	0.00	1.7	S
7/6/2023 12:17:00	14.9	14.7	-0.3	0.00	0.00	0.00	1.8	S
7/6/2023 12:18:00	14.5	14.0	-0.5	0.00	0.00	0.00	1.7	S
7/6/2023 12:19:00	13.8	13.5	-0.3	0.00	0.00	0.00	1.8	S
7/6/2023 12:20:00	13.6	12.9	-0.7	0.00	0.00	0.00	1.8	SE
7/6/2023 12:21:00	13.1	12.5	-0.5	0.00	0.00	0.00	1.8	ESE
7/6/2023 12:22:00	12.8	12.6	-0.2	0.00	0.00	0.00	1.9	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
7/6/2023 12:23:00	12.7	12.4	-0.3	0.00	0.00	0.00	1.9	E
7/6/2023 12:24:00	12.3	12.4	0.0	0.00	0.00	0.00	1.9	S
7/6/2023 12:25:00	12.3	12.3	0.0	0.00	0.00	0.00	2.0	E
7/6/2023 12:26:00	12.2	12.2	0.0	0.00	0.00	0.00	2.0	ESE
7/6/2023 12:27:00	12.4	12.2	-0.2	0.00	0.00	0.00	2.0	NW
7/6/2023 12:28:00	12.7	11.9	-0.8	0.00	0.00	0.00	2.1	NNE
7/6/2023 12:29:00	12.8	11.9	-0.8	0.00	0.00	0.00	2.0	NE
7/6/2023 12:30:00	12.9	12.0	-0.8	0.00	0.00	0.00	2.0	NE
7/6/2023 12:31:00	13.0	12.2	-0.8	0.00	0.00	0.00	2.0	E
7/6/2023 12:32:00	14.0	12.6	-1.4	0.00	0.00	0.00	2.0	SW
7/6/2023 12:33:00	16.1	12.9	-3.1	0.00	0.00	0.00	2.1	SE
7/6/2023 12:34:00	18.3	13.4	-4.9	0.00	0.00	0.00	2.1	SSE
7/6/2023 12:35:00	20.5	13.7	-6.8	0.00	0.00	0.00	2.1	SE
7/6/2023 12:36:00	22.4	14.2	-8.3	0.00	0.00	0.00	2.0	WNW
7/6/2023 12:37:00	24.7	14.3	-10.4	0.00	0.00	0.00	2.0	ESE
7/6/2023 12:38:00	25.0	16.7	-8.3	0.00	0.00	0.00	2.1	ENE
7/6/2023 12:39:00	27.7	17.1	-10.6	0.00	0.00	0.00	2.1	SSE
7/6/2023 12:40:00	30.1	17.7	-12.3	0.00	0.00	0.00	2.1	WNW
7/6/2023 12:41:00	31.3	19.4	-11.9	0.00	0.00	0.00	2.0	NNE
7/6/2023 12:42:00	32.0	20.9	-11.2	0.00	0.00	0.00	2.0	E
7/6/2023 12:43:00	32.0	23.4	-8.6	0.00	0.00	0.00	2.1	E
7/6/2023 12:44:00	34.5	23.8	-10.6	0.00	0.00	0.00	2.1	SSE
7/6/2023 12:45:00	35.1	26.7	-8.4	0.00	0.00	0.00	2.1	NNW
7/6/2023 12:46:00	38.1	26.9	-11.2	0.00	0.00	0.00	2.2	SSW
7/6/2023 12:47:00	38.9	27.2	-11.7	0.00	0.00	0.00	2.2	SSE
7/6/2023 12:48:00	38.7	27.3	-11.4	0.01	0.00	-0.01	2.2	WSW
7/6/2023 12:49:00	37.6	27.0	-10.7	0.01	0.00	-0.01	2.1	WNW
7/6/2023 12:50:00	36.3	26.9	-9.4	0.01	0.00	0.00	2.1	SSW
7/6/2023 12:51:00	34.4	27.1	-7.3	0.01	0.00	-0.01	2.1	N
7/6/2023 12:52:00	32.6	27.4	-5.2	0.01	0.01	-0.01	2.1	S
7/6/2023 12:53:00	33.8	26.0	-7.8	0.01	0.01	-0.01	2.1	SSE
7/6/2023 12:54:00	32.8	26.4	-6.4	0.01	0.01	-0.01	2.1	S
7/6/2023 12:55:00	33.0	27.9	-5.1	0.01	0.01	-0.01	2.1	SSE

Date/Time	Average Upwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Downwind PM10 ($\mu\text{g}/\text{m}^3$)	Average Contribution PM10 ($\mu\text{g}/\text{m}^3$)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/6/2023 12:56:00	35.9	28.9	-7.0	0.01	0.01	0.00	2.2	S
7/6/2023 12:57:00	38.1	29.6	-8.5	0.01	0.02	0.01	2.2	SE
7/6/2023 12:58:00	39.8	27.9	-11.9	0.01	0.02	0.01	2.3	SSE
7/6/2023 12:59:00	39.2	27.8	-11.4	0.01	0.02	0.01	2.3	SE
7/6/2023 13:00:00	39.4	27.4	-12.0	0.01	0.02	0.01	2.3	N
7/6/2023 13:01:00	37.0	28.9	-8.1	0.01	0.02	0.01	2.4	NNE
7/6/2023 13:02:00	36.5	30.8	-5.7	0.01	0.02	0.01	2.5	NNE
7/6/2023 13:03:00	37.0	31.3	-5.7	0.01	0.02	0.01	2.5	SW
7/6/2023 13:04:00	36.4	32.7	-3.8	0.00	0.02	0.02	2.5	N
7/6/2023 13:05:00	36.0	34.1	-1.9	0.00	0.02	0.01	2.5	NNE
7/6/2023 13:06:00	36.1	34.4	-1.7	0.00	0.02	0.02	2.6	N
7/6/2023 13:07:00	35.9	34.4	-1.5	0.00	0.02	0.02	2.6	N
7/6/2023 13:08:00	36.3	35.1	-1.3	0.01	0.02	0.01	2.6	N
7/6/2023 13:09:00	35.9	35.8	-0.1	0.03	0.02	-0.01	2.6	E
7/6/2023 13:10:00	35.6	34.8	-0.8	0.04	0.02	-0.02	2.5	NW
7/6/2023 13:11:00	36.4	33.2	-3.2	0.07	0.01	-0.06	2.5	NNE
7/6/2023 13:12:00	34.8	33.4	-1.3	0.12	0.01	-0.11	2.4	NNE
7/6/2023 13:13:00	34.3	34.8	0.5	0.14	0.00	-0.14	2.4	NE
7/6/2023 13:14:00	34.7	36.7	2.0	0.14	0.00	-0.14	2.5	NNE
7/6/2023 13:15:00	34.8	36.4	1.6	0.14	0.00	-0.14	2.5	N
7/6/2023 13:16:00	35.2	37.5	2.3	0.14	0.00	-0.14	2.4	NNE
7/6/2023 13:17:00	35.0	37.0	1.9	0.14	0.00	-0.14	2.3	NW
7/6/2023 13:18:00	33.3	37.3	4.0	0.14	0.00	-0.14	2.4	NNW
7/6/2023 13:19:00	33.0	37.6	4.6	0.14	0.00	-0.14	2.4	NE
7/6/2023 13:20:00	32.7	37.5	4.8	0.14	0.00	-0.14	2.4	NNE
7/6/2023 13:21:00	32.6	37.2	4.6	0.14	0.00	-0.14	2.4	N
7/6/2023 13:22:00	32.3	37.5	5.2	0.14	0.00	-0.14	2.3	N
7/6/2023 13:23:00	30.4	36.7	6.3	0.13	0.00	-0.13	2.3	NNE
7/6/2023 13:24:00	29.3	35.8	6.5	0.11	0.00	-0.11	2.3	N
7/6/2023 13:25:00	27.3	35.2	8.0	0.10	0.00	-0.10	2.4	NNE
7/6/2023 13:26:00	22.6	34.7	12.2	0.07	0.00	-0.07	2.5	N
7/6/2023 13:27:00	21.4	33.5	12.1	0.02	0.00	-0.02	2.5	ENE
7/6/2023 13:28:00	20.3	32.3	12.0	0.00	0.00	0.00	2.5	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
7/6/2023 13:29:00	19.0	31.8	12.9	0.00	0.00	0.00	2.4	N
7/6/2023 13:30:00	20.3	32.4	12.1	0.00	0.00	0.00	2.4	NNW
7/6/2023 13:31:00	20.1	32.1	11.9	0.00	0.00	0.00	2.4	NNW
7/6/2023 13:32:00	20.3	31.4	11.2	0.00	0.00	0.00	2.4	NNW
7/6/2023 13:33:00	20.5	31.5	11.1	0.00	0.00	0.00	2.5	NNW
7/6/2023 13:34:00	21.1	32.7	11.6	0.00	0.00	0.00	2.5	NNW
7/6/2023 13:35:00	21.5	34.0	12.6	0.00	0.00	0.00	2.5	N
7/6/2023 13:36:00	24.4	35.7	11.3	0.00	0.00	0.00	2.4	WSW
7/6/2023 13:37:00	28.7	38.6	9.8	0.00	0.00	0.00	2.5	N
7/6/2023 13:38:00	30.4	42.1	11.7	0.00	0.00	0.00	2.5	N
7/6/2023 13:39:00	31.2	44.6	13.3	0.00	0.00	0.00	2.7	N
7/6/2023 13:40:00	31.5	46.8	15.3	0.00	0.00	0.00	2.6	NNE
7/6/2023 13:41:00	31.9	48.4	16.5	0.00	0.00	0.00	2.6	NNE
7/6/2023 13:42:00	31.9	48.2	16.3	0.00	0.00	0.00	2.7	NNW
7/6/2023 13:43:00	31.8	49.6	17.7	0.00	0.00	0.00	2.6	NW
7/6/2023 13:44:00	31.3	49.2	17.9	0.00	0.00	0.00	2.6	NE
7/6/2023 13:45:00	29.6	47.2	17.6	0.00	0.00	0.00	2.6	N
7/6/2023 13:46:00	29.0	46.5	17.4	0.00	0.00	0.00	2.5	N
7/6/2023 13:47:00	28.2	47.8	19.6	0.00	0.00	0.00	2.6	NNW
7/6/2023 13:48:00	27.9	48.6	20.8	0.00	0.00	0.00	2.6	N
7/6/2023 13:49:00	27.4	47.1	19.7	0.00	0.00	0.00	2.6	NNE
7/6/2023 13:50:00	27.2	46.1	18.8	0.00	0.00	0.00	2.7	N
7/6/2023 13:51:00	24.4	44.9	20.5	0.00	0.00	0.00	2.7	NNW
7/6/2023 13:52:00	20.4	43.0	22.6	0.00	0.00	0.00	2.6	NW
7/6/2023 13:53:00	18.9	40.3	21.3	0.00	0.00	0.00	2.5	NW
7/6/2023 13:54:00	19.7	37.3	17.6	0.00	0.00	0.00	2.4	WSW
7/6/2023 13:55:00	19.3	36.9	17.6	0.00	0.00	0.00	2.4	N
7/6/2023 13:56:00	19.1	37.6	18.5	0.00	0.00	0.00	2.4	NW
7/6/2023 13:57:00	19.3	39.1	19.9	0.00	0.00	0.00	2.3	NNW
7/6/2023 13:58:00	19.1	38.3	19.2	0.00	0.00	0.00	2.3	NW
7/6/2023 13:59:00	21.0	37.2	16.2	0.00	0.00	0.00	2.3	SSE
7/6/2023 14:00:00	20.8	38.6	17.8	0.00	0.00	0.00	2.4	NNE
7/6/2023 14:01:00	20.6	38.9	18.4	0.00	0.00	0.00	2.3	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
7/6/2023 14:02:00	21.6	36.4	14.8	0.00	0.00	0.00	2.3	SSW
7/6/2023 14:03:00	21.3	34.6	13.3	0.00	0.00	0.00	2.2	NE
7/6/2023 14:04:00	20.9	34.1	13.2	0.00	0.00	0.00	2.2	N
7/6/2023 14:05:00	21.0	32.4	11.4	0.00	0.00	0.00	2.1	WNW
7/6/2023 14:06:00	20.7	31.1	10.4	0.00	0.00	0.00	2.1	N
7/6/2023 14:07:00	20.1	28.7	8.6	0.00	0.00	0.00	2.1	NNW
7/6/2023 14:08:00	19.6	26.8	7.2	0.00	0.00	0.00	2.1	NNE
7/6/2023 14:09:00	17.7	26.3	8.6	0.00	0.00	0.00	2.1	NNW
7/6/2023 14:10:00	17.2	23.9	6.6	0.00	0.00	0.00	2.1	WSW
7/6/2023 14:11:00	16.7	20.6	4.0	0.00	0.00	0.00	2.0	NW
7/6/2023 14:12:00	16.3	18.1	1.8	0.00	0.00	0.00	2.0	WNW
7/6/2023 14:13:00	17.7	16.5	-1.2	0.00	0.00	0.00	2.0	W
7/6/2023 14:14:00	15.2	16.9	1.6	0.00	0.00	0.00	2.0	N
7/6/2023 14:15:00	14.9	14.4	-0.5	0.00	0.00	0.00	1.9	NW
7/6/2023 14:16:00	14.4	12.1	-2.3	0.00	0.00	0.00	2.0	SW
7/6/2023 14:17:00	12.8	11.6	-1.1	0.00	0.00	0.00	2.1	NNW
7/6/2023 14:18:00	12.4	11.0	-1.4	0.00	0.00	0.00	2.1	NNE
7/6/2023 14:19:00	12.2	9.6	-2.6	0.00	0.00	0.00	2.1	N
7/6/2023 14:20:00	11.5	9.1	-2.4	0.00	0.00	0.00	2.1	E
7/6/2023 14:21:00	11.3	9.2	-2.1	0.00	0.00	0.00	2.1	SSE
7/6/2023 14:22:00	11.3	9.3	-2.0	0.00	0.00	0.00	2.0	NNW
7/6/2023 14:23:00	11.3	9.5	-1.8	0.00	0.00	0.00	2.0	N
7/6/2023 14:24:00	11.4	10.0	-1.3	0.00	0.00	0.00	2.1	WNW
7/6/2023 14:25:00	12.0	10.9	-1.1	0.00	0.00	0.00	2.1	NW
7/6/2023 14:26:00	16.6	12.9	-3.7	0.00	0.00	0.00	2.1	N
7/6/2023 14:27:00	17.7	15.0	-2.7	0.00	0.00	0.00	2.1	NNW
7/6/2023 14:28:00	17.8	18.8	1.1	0.00	0.00	0.00	2.1	WNW
7/6/2023 14:29:00	20.6	20.8	0.2	0.00	0.00	0.00	2.1	NNE
7/6/2023 14:30:00	23.2	22.0	-1.3	0.00	0.00	0.00	2.1	N
7/6/2023 14:31:00	24.2	22.5	-1.6	0.00	0.00	0.00	2.1	NNE
7/6/2023 14:32:00	24.5	22.9	-1.6	0.00	0.00	0.00	2.0	N
7/6/2023 14:33:00	24.8	23.4	-1.5	0.00	0.00	0.00	2.0	ESE
7/6/2023 14:34:00	25.8	23.9	-1.8	0.00	0.00	0.00	2.0	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
7/6/2023 14:35:00	26.1	24.4	-1.7	0.00	0.00	0.00	2.0	NNE
7/6/2023 14:36:00	26.4	24.3	-2.1	0.00	0.00	0.00	2.1	NNE
7/6/2023 14:37:00	26.3	24.2	-2.0	0.00	0.00	0.00	2.2	NNW
7/6/2023 14:38:00	26.1	24.0	-2.1	0.00	0.00	0.00	2.2	NNE
7/6/2023 14:39:00				0.00	0.00	0.00	2.2	NNE
7/6/2023 14:40:00				0.00	0.00	0.00	2.2	NE
7/6/2023 14:41:00	6.8	7.0	0.2	0.00	0.00	0.00	2.1	SSE
7/6/2023 14:42:00				0.00	0.00	0.00	2.1	NW
7/6/2023 14:43:00				0.00	0.00	0.00	2.0	W
7/6/2023 14:44:00	7.2	7.5	0.3	0.00	0.00	0.00	2.1	NNW
7/6/2023 14:45:00	7.3	7.0	-0.3	0.00	0.00	0.00	2.0	WSW
7/6/2023 14:46:00	7.3	7.3	-0.1	0.00	0.00	0.00	2.0	NW
7/6/2023 14:47:00	7.4	7.6	0.2	0.00	0.00	0.00	2.1	NNW
7/6/2023 14:48:00	7.3	7.6	0.3	0.00	0.00	0.00	2.1	N
7/6/2023 14:49:00	7.3	7.4	0.1	0.00	0.00	0.00	2.0	W
7/6/2023 14:50:00	7.4	7.3	-0.1	0.00	0.00	0.00	1.9	SSW
7/6/2023 14:51:00	7.4	7.5	0.1	0.00	0.00	0.00	1.9	WNW
7/6/2023 14:52:00	7.4	7.5	0.1	0.00	0.00	0.00	1.8	WNW
7/6/2023 14:53:00	7.5	7.4	-0.1	0.00	0.00	0.00	1.8	WSW
7/6/2023 14:54:00	7.4	7.3	-0.1	0.00	0.00	0.00	1.8	W
7/6/2023 14:55:00	7.3	7.2	-0.1	0.00	0.00	0.00	1.7	N
7/6/2023 14:56:00	7.2	7.1	-0.1	0.00	0.00	0.00	1.8	WSW
7/6/2023 14:57:00	7.1	7.0	-0.1	0.00	0.00	0.00	1.8	WNW
7/6/2023 14:58:00	7.0	6.9	-0.1	0.00	0.00	0.00	1.9	W
7/6/2023 14:59:00	7.0	7.1	0.2	0.00	0.00	0.00	1.9	NE
7/6/2023 15:00:00	7.5	7.2	-0.3	0.00	0.00	0.00	1.9	W
7/6/2023 15:01:00	7.5	7.3	-0.2	0.00	0.00	0.00	1.9	NNW
7/6/2023 15:02:00	7.5	7.2	-0.2	0.00	0.00	0.00	2.0	NNW
7/6/2023 15:03:00	7.4	7.2	-0.2	0.00	0.00	0.00	2.0	WNW
7/6/2023 15:04:00	7.3	7.2	-0.1	0.00	0.00	0.00	2.0	N
7/6/2023 15:05:00	7.1	7.1	0.0	0.00	0.00	0.00	2.0	WSW
7/6/2023 15:06:00	7.0	6.9	-0.1	0.00	0.00	0.00	2.0	W
7/6/2023 15:07:00	6.9	6.9	-0.1	0.00	0.00	0.00	2.0	N

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/6/2023 15:08:00	6.9	6.8	0.0	0.00	0.00	0.00	2.0	WNW
7/6/2023 15:09:00	6.8	6.8	0.1	0.00	0.00	0.00	1.9	N
7/6/2023 15:10:00	6.8	6.9	0.1	0.00	0.00	0.00	2.0	NNW
7/6/2023 15:11:00	6.8	7.0	0.2	0.00	0.00	0.00	2.0	NE
7/6/2023 15:12:00	6.9	7.0	0.1	0.00	0.00	0.00	1.9	N
7/6/2023 15:13:00	6.9	7.1	0.2	0.00	0.00	0.00	1.8	NW
7/6/2023 15:14:00	6.9	6.8	-0.1	0.00	0.00	0.00	1.8	WSW
7/6/2023 15:15:00	6.3	6.7	0.4	0.00	0.00	0.00	1.7	N
7/6/2023 15:16:00	6.3	6.1	-0.2	0.00	0.00	0.00	1.7	NNE
7/6/2023 15:17:00	6.2	5.6	-0.6	0.00	0.00	0.00	1.6	N
7/6/2023 15:18:00	6.2	5.1	-1.1	0.00	0.00	0.00	1.6	NNW
7/6/2023 15:19:00	6.2	4.7	-1.5	0.00	0.00	0.00	1.5	SW