

CLIENT:	Gowanus Canal LLC, GowCan Owner, LLC, Bayside Gowanus Owner, L.L.C., Bayside Gowanus Venture, L.L.C.	DAY OF SPW CONSTRUCTION: 093	DATE: Tuesday, August 20, 2024
PROJECT No.:	170295301	WEATHER:	Sunny, 63 - 72°F Wind: ESE @ 0 – 4mph
PROJECT:	Gowanus Canal Northside	TIME:	07:00 to 15:30
LOCATION:	Brooklyn, New York	BCP SITE ID:	C224080
EQUIPMENT:		PRESENT AT SITE:	
Kobelco SK210LC Excavator		Langan: Stephanie Raphael	
Takeuchi TB370 Excavator		Urban Atelier Group (UAG): Seth Anderson	
Takeuchi TL12V2 Skid Steer		G&M Works LLC (G&M): Jason Tejero	
Husqvarna LG400 Plate Compactor			

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved December 8, 2023 Site Management Plan (SMP) for Brownfield Cleanup Program (BCP) Site No. C224080 during construction of a shore public walkway (SPW). Site Map 1 presents the Society Brooklyn and Sackett Place developments, which together comprise the BCP site.

Site Activities

- G&M excavated an about 20-foot-long by 12-foot-wide area to about 2 feet below grade surface (bgs) in the southern part of the SPW, east of Sackett Place. Excavated material consisted of NYSDEC-approved fill.
 - Excavated material was screened for odor, staining, and organic vapor using a photoionization detector (PID). No impacts were observed.
 - Excavated material was used as backfill adjacent to the excavated area.
- G&M placed NYSDEC approved fill and 0.75-inch clean stone in an about 30-foot-long by 8-foot-wide area to about 2-feet below surface grade in the southern part of the SPW, east of Sackett Place.
- G&M demolished two about 15-foot long by 15-foot-wide concrete slabs in the southern part of the SPW, east of Sackett Place, and in the northern part of the SPW, east of Society Brooklyn.

Import and Export Tracking

- G&M exported two containers of concrete to Hunters Point Recycling in Long Island City, NY.
- G&M imported one truckload of 0.75-inch stone from Stavola Construction Materials Inc. in Bridgewater, NJ.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Capital Development Site East Bangor, PA Non-Hazardous Soil/Fill	No. Loads	0	37
	Quantity (CY)	0	740
Pure Soil Technologies Jackson, NJ Non-Hazardous Soil/Fill	No. Loads	0	2
	Quantity (CY)	0	40

Cc:	G. Nicholls, M. Burke, P. Farnham, E. Adkins, C. Devin	By:	Stephanie Raphael
			Langan, D.P.C.

Material Import Summary				
Facility	NYSDEC Approved Quantity (CY)	Imported	Today	Total
Stavola Construction Materials, Inc Bridgewater, NJ 3/4-inch Stone	5,000	No. Loads	1	20
		Quantity (CY)	20	400

Community Air Monitoring

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan (CAMP).

Anticipated Activities

- G&M will continue excavating, grading, backfilling, and installing foundation elements within the SPW.

Cc:	G. Nicholls, M. Burke, P. Farnham, E. Adkins, C. Devin	By:	Stephanie Raphael
			Langan, D.P.C.

Site Photographs



Photo 1: G&M demolishing a concrete slab in the northern part of the SPW (facing northwest)

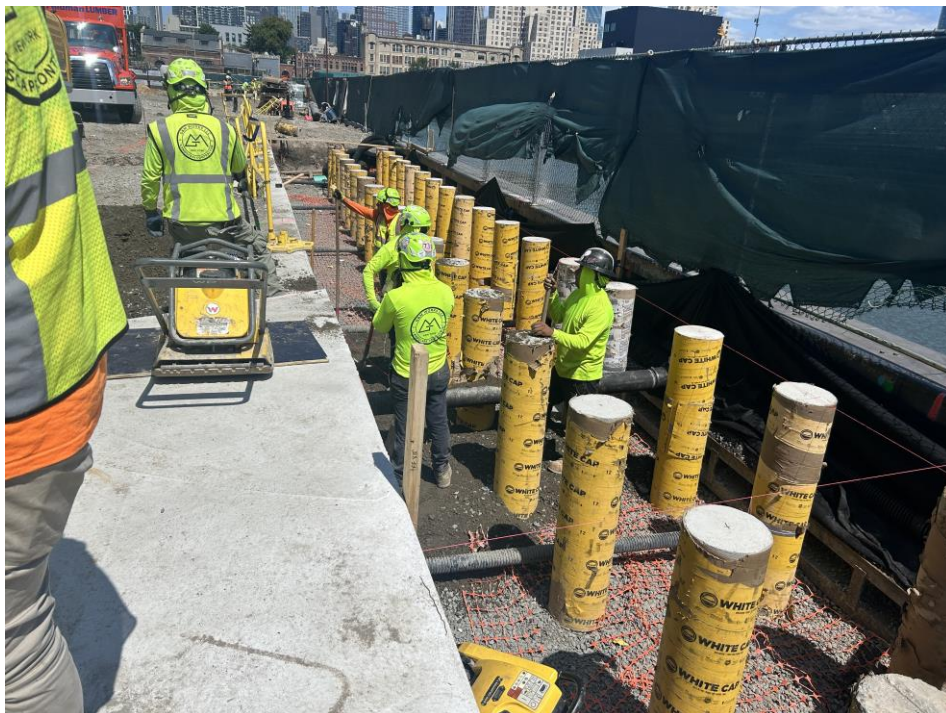
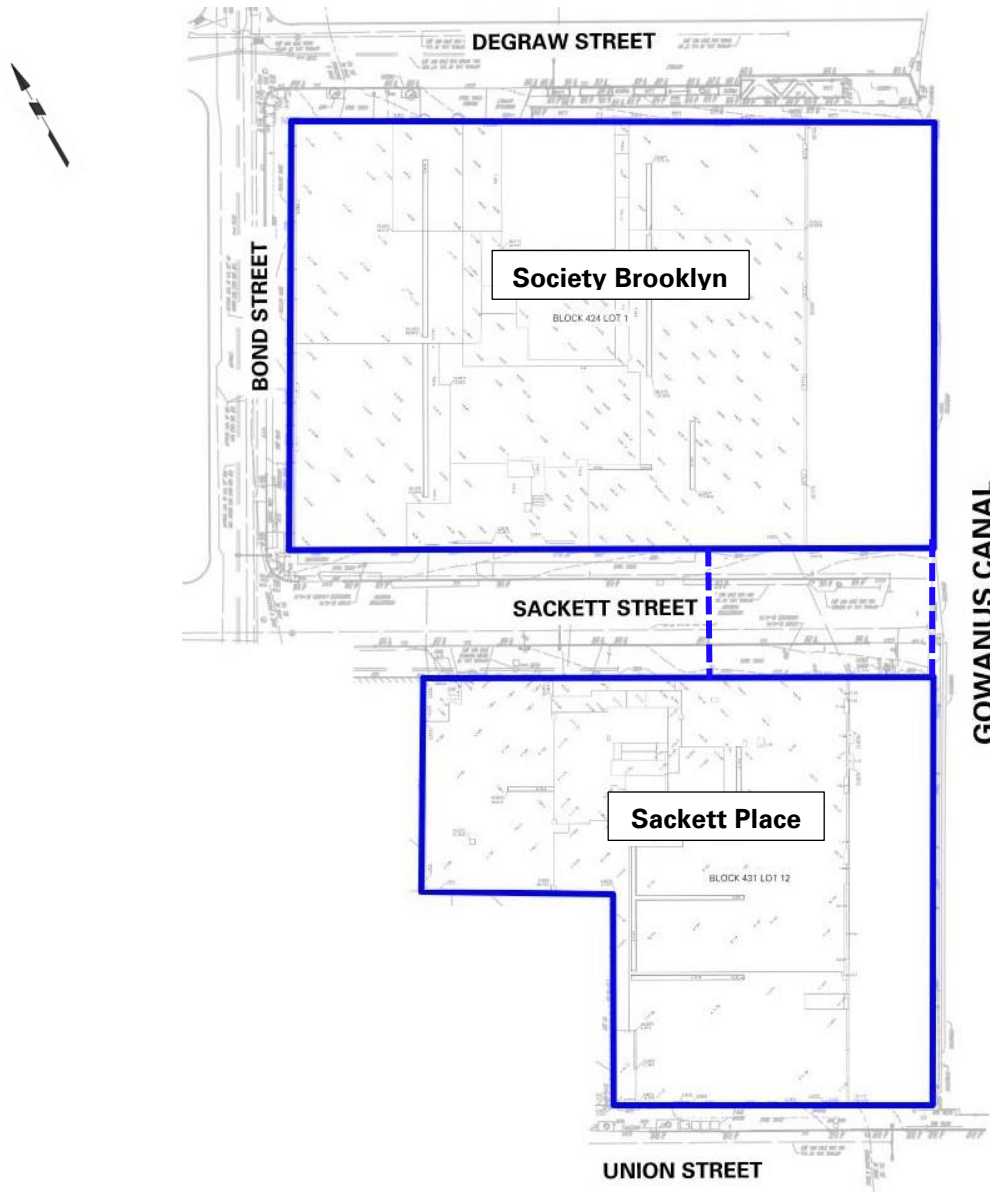


Photo 2: General view of the work area in the southern part of the SPW (facing northeast)

Cc:	G. Nicholls, M. Burke, P. Farnham, E. Adkins, C. Devin	By:	Stephanie Raphael Langan, D.P.C.
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Site Map 1:



Legend

- Approximate BCP site boundary
- - - Approximate construction fence boundary

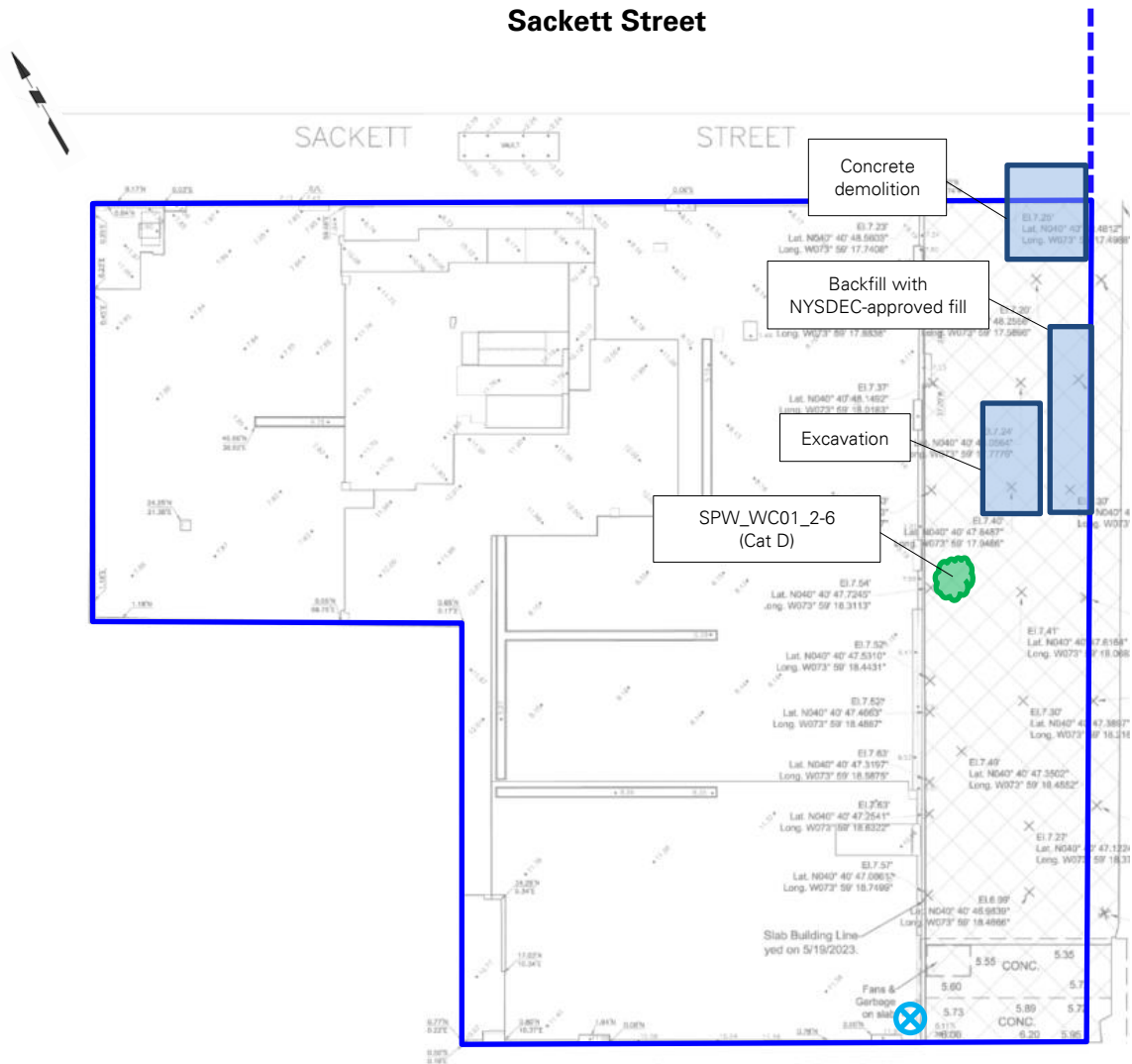
Notes

1. Base map adapted from 13 December 2023 Final Engineering Report, Figure 2 – Site Plan.
2. This Site Map is provided for context only; refer to the Northern (Society Brooklyn) and Southern (Sackett Place) Work Area Maps on the following pages for work and air monitoring location(s).

Cc:	G. Nicholls, M. Burke, P. Farnham, E. Adkins, C. Devin	By:	Stephanie Raphael Langan, D.P.C.
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Site Map 3: Southern Work Area Map (Sackett Place)

Base map adapted from 13 December 2023 Final Engineering Report, Figure 2 – Site Plan.



Legend:

-  Approximate BCP site boundary
-  Approximate construction fence boundary
-  Approximate work area
-  Approximate ¾-inch clean stone stockpile location
-  Approximate location of air monitoring station
-  Approximate soil/fill stockpile location
-  Approximate C&D debris stockpile location

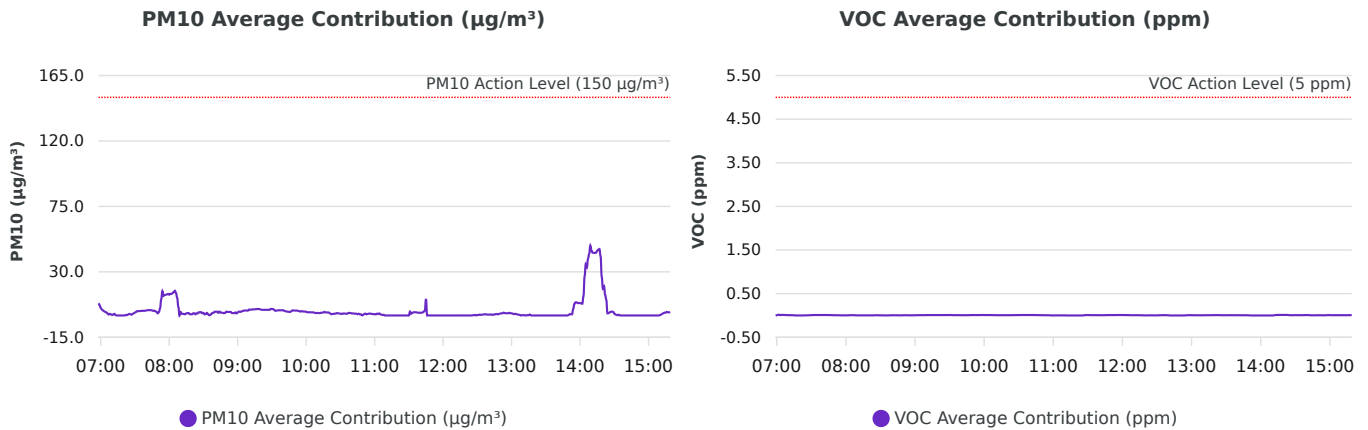
Cc: G. Nicholls, M. Burke, P. Farnham, E. Adkins, C. Devin

By: Stephanie Raphael
Langan, D.P.C.

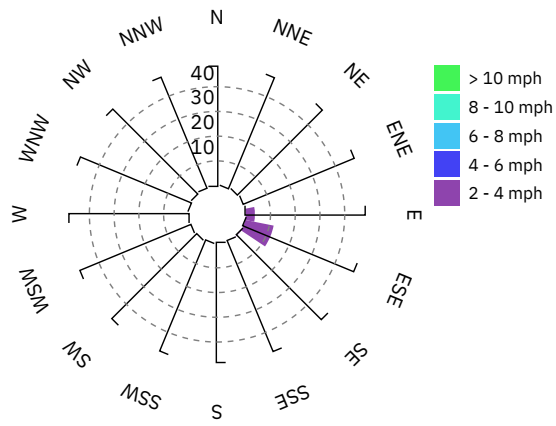
	Air Monitoring Report	170295301 - 267 Bond Street	
		Report Period	
		From:	8/20/2024 06:00
		To:	8/20/2024 18:00
		PM10 Action Level:	150.0 µg/m³
		VOC Action Level:	5.00 ppm

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
8/20/2024	0.3-3.9	ESE

Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/20/2024	0.0	07:14	0.00	06:59
Max Contribution (15 min avg.) - 8/20/2024	48.0	14:09	0.02	07:02



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
8/20/2024 06:53:00							0.6	SSW
8/20/2024 06:54:00							0.4	ESE
8/20/2024 06:55:00							0.1	NNW
8/20/2024 06:56:00							0.1	E
8/20/2024 06:57:00							0.1	WNW
8/20/2024 06:58:00	3.7	12.1	8.4				0.2	W
8/20/2024 06:59:00	3.7	10.9	7.1	0.00	0.00	0.00	0.1	SSE
8/20/2024 07:00:00	4.4	9.6	5.1	0.01	0.01	0.01	0.2	SSW
8/20/2024 07:01:00	4.9	9.1	4.1	0.01	0.02	0.01	0.2	WNW
8/20/2024 07:02:00	5.3	8.8	3.4	0.01	0.03	0.02	0.2	WNW
8/20/2024 07:03:00	5.7	8.6	2.9	0.01	0.02	0.01	0.2	ESE
8/20/2024 07:04:00	6.0	8.4	2.4	0.01	0.03	0.01	0.2	WNW
8/20/2024 07:05:00	6.3	8.3	2.1	0.01	0.03	0.01	0.2	SE
8/20/2024 07:06:00	6.4	7.7	1.3	0.01	0.03	0.01	0.2	SE
8/20/2024 07:07:00	6.7	7.3	0.6	0.01	0.02	0.01	0.2	SSE
8/20/2024 07:08:00	6.3	7.5	1.1	0.01	0.02	0.01	0.2	E
8/20/2024 07:09:00	6.6	7.3	0.7	0.01	0.02	0.01	0.2	SE
8/20/2024 07:10:00	6.7	7.0	0.3	0.01	0.02	0.01	0.3	S
8/20/2024 07:11:00	6.4	7.2	0.7	0.01	0.02	0.01	0.3	ESE
8/20/2024 07:12:00	6.1	7.3	1.1	0.01	0.02	0.01	0.4	ESE
8/20/2024 07:13:00	6.4	6.6	0.2	0.01	0.01	0.01	0.5	SE
8/20/2024 07:14:00	6.6	6.2	0.0	0.01	0.01	0.01	0.5	SE
8/20/2024 07:15:00	6.7	5.9	0.0	0.01	0.01	0.00	0.5	SSW
8/20/2024 07:16:00	6.8	5.6	0.0	0.01	0.01	0.00	0.5	WSW
8/20/2024 07:17:00	6.8	5.3	0.0	0.01	0.01	0.00	0.6	S
8/20/2024 07:18:00	6.5	5.2	0.0	0.01	0.01	0.00	0.7	ESE
8/20/2024 07:19:00	6.1	5.1	0.0	0.01	0.01	0.00	0.8	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
8/20/2024 07:20:00	5.8	5.0	0.0	0.01	0.01	0.00	0.9	ESE
8/20/2024 07:21:00	5.6	5.3	0.0	0.01	0.01	0.00	1.0	ESE
8/20/2024 07:22:00	5.2	5.5	0.3	0.01	0.01	0.00	1.0	ESE
8/20/2024 07:23:00	5.1	5.3	0.2	0.01	0.01	0.00	0.9	NNE
8/20/2024 07:24:00	4.7	5.4	0.7	0.00	0.01	0.00	0.9	ESE
8/20/2024 07:25:00	4.4	5.5	1.1	0.00	0.01	0.00	1.0	ESE
8/20/2024 07:26:00	4.4	5.2	0.8	0.00	0.01	0.00	1.0	ESE
8/20/2024 07:27:00	4.5	5.0	0.5	0.00	0.01	0.00	1.0	NE
8/20/2024 07:28:00	4.1	5.2	1.1	0.00	0.01	0.01	0.9	NNW
8/20/2024 07:29:00	3.8	5.3	1.5	0.00	0.01	0.01	0.9	E
8/20/2024 07:30:00	3.6	5.5	2.0	0.00	0.01	0.01	1.0	ESE
8/20/2024 07:31:00	3.3	5.7	2.5	0.00	0.01	0.01	1.1	ESE
8/20/2024 07:32:00	2.9	5.9	3.0	0.00	0.01	0.01	1.2	ESE
8/20/2024 07:33:00	2.9	5.9	3.0	0.00	0.01	0.01	1.2	E
8/20/2024 07:34:00	2.9	5.9	3.0	0.00	0.01	0.01	1.1	ESE
8/20/2024 07:35:00	2.9	6.0	3.1	0.00	0.01	0.01	1.1	ESE
8/20/2024 07:36:00	2.8	6.0	3.2	0.00	0.01	0.01	1.0	ESE
8/20/2024 07:37:00	2.8	6.0	3.2	0.00	0.01	0.01	1.1	ESE
8/20/2024 07:38:00	2.8	6.0	3.2	0.00	0.01	0.01	1.2	ESE
8/20/2024 07:39:00	2.8	6.0	3.3	0.00	0.01	0.01	1.2	ESE
8/20/2024 07:40:00	2.7	6.1	3.5	0.00	0.01	0.01	1.2	ESE
8/20/2024 07:41:00	2.7	6.2	3.6	0.00	0.01	0.01	1.2	ESE
8/20/2024 07:42:00	2.7	6.3	3.7	0.00	0.01	0.01	1.3	ESE
8/20/2024 07:43:00	2.7	6.4	3.7	0.00	0.01	0.01	1.5	ESE
8/20/2024 07:44:00	2.8	6.4	3.6	0.00	0.01	0.01	1.5	ESE
8/20/2024 07:45:00	2.9	6.4	3.5	0.00	0.01	0.01	1.5	ESE
8/20/2024 07:46:00	3.2	6.3	3.1	0.00	0.01	0.01	1.3	WNW
8/20/2024 07:47:00	3.2	6.5	3.3	0.00	0.01	0.01	1.3	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
8/20/2024 07:48:00	3.5	6.4	2.9	0.00	0.01	0.01	1.2	WNW
8/20/2024 07:49:00	3.8	6.1	2.3	0.00	0.01	0.01	1.1	WSW
8/20/2024 07:50:00	4.3	5.8	1.5	0.00	0.01	0.01	1.0	SW
8/20/2024 07:51:00	4.3	6.7	2.4	0.00	0.01	0.01	0.9	E
8/20/2024 07:52:00	5.0	10.0	5.0	0.00	0.01	0.01	0.9	ESE
8/20/2024 07:53:00	5.3	16.4	11.1	0.00	0.01	0.01	0.9	ESE
8/20/2024 07:54:00	5.5	22.2	16.7	0.00	0.01	0.01	0.9	ESE
8/20/2024 07:55:00	8.6	22.1	13.5	0.00	0.01	0.00	0.7	WNW
8/20/2024 07:56:00	8.6	22.7	14.0	0.00	0.01	0.00	0.7	ESE
8/20/2024 07:57:00	8.6	22.9	14.3	0.00	0.01	0.00	0.7	E
8/20/2024 07:58:00	8.6	23.1	14.5	0.00	0.01	0.00	0.7	E
8/20/2024 07:59:00	8.4	23.2	14.8	0.00	0.01	0.00	0.6	E
8/20/2024 08:00:00	8.7	23.0	14.3	0.00	0.01	0.00	0.5	SW
8/20/2024 08:01:00	8.4	23.3	14.8	0.00	0.01	0.00	0.6	E
8/20/2024 08:02:00	8.4	23.2	14.8	0.00	0.01	0.00	0.6	ESE
8/20/2024 08:03:00	8.0	23.4	15.4	0.00	0.01	0.01	0.7	E
8/20/2024 08:04:00	7.6	23.7	16.1	0.00	0.01	0.01	0.8	E
8/20/2024 08:05:00	7.0	24.1	17.0	0.00	0.01	0.01	0.9	E
8/20/2024 08:06:00	7.4	22.8	15.4	0.00	0.01	0.01	0.8	W
8/20/2024 08:07:00	7.0	19.1	12.1	0.00	0.01	0.01	0.7	WNW
8/20/2024 08:08:00	6.7	12.7	6.0	0.00	0.01	0.01	0.7	E
8/20/2024 08:09:00	6.7	6.5	0.0	0.00	0.01	0.00	0.6	SSW
8/20/2024 08:10:00	3.9	6.3	2.4	0.00	0.01	0.00	0.7	SSE
8/20/2024 08:11:00	4.2	5.4	1.2	0.00	0.01	0.00	0.6	S
8/20/2024 08:12:00	4.2	5.3	1.1	0.00	0.01	0.00	0.5	E
8/20/2024 08:13:00	4.2	5.1	1.0	0.00	0.01	0.00	0.5	ESE
8/20/2024 08:14:00	4.2	5.0	0.8	0.00	0.01	0.00	0.6	ESE
8/20/2024 08:15:00	3.9	5.3	1.4	0.00	0.01	0.00	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
8/20/2024 08:16:00	3.8	5.5	1.6	0.00	0.01	0.00	0.8	E
8/20/2024 08:17:00	3.8	5.5	1.6	0.00	0.01	0.00	0.8	ESE
8/20/2024 08:18:00	4.2	5.1	0.9	0.00	0.01	0.00	0.7	WSW
8/20/2024 08:19:00	4.2	5.1	0.8	0.00	0.01	0.00	0.9	ESE
8/20/2024 08:20:00	4.3	5.1	0.8	0.00	0.01	0.00	0.9	ESE
8/20/2024 08:21:00	4.0	5.5	1.4	0.00	0.01	0.00	1.1	E
8/20/2024 08:22:00	4.0	5.5	1.5	0.00	0.01	0.00	1.1	W
8/20/2024 08:23:00	4.4	5.2	0.8	0.00	0.01	0.00	0.9	WSW
8/20/2024 08:24:00	4.1	5.6	1.5	0.00	0.01	0.00	1.0	E
8/20/2024 08:25:00	4.1	5.5	1.4	0.00	0.01	0.00	1.0	S
8/20/2024 08:26:00	3.7	5.9	2.2	0.00	0.01	0.01	1.1	ESE
8/20/2024 08:27:00	3.7	5.8	2.2	0.00	0.01	0.01	1.1	ENE
8/20/2024 08:28:00	3.6	5.9	2.3	0.00	0.01	0.01	1.2	E
8/20/2024 08:29:00	4.0	5.5	1.6	0.00	0.01	0.00	1.1	SSW
8/20/2024 08:30:00	3.8	5.6	1.8	0.00	0.01	0.00	1.1	E
8/20/2024 08:31:00	4.2	5.0	0.8	0.00	0.01	0.00	1.1	SE
8/20/2024 08:32:00	4.1	5.0	0.9	0.00	0.01	0.00	1.1	ESE
8/20/2024 08:33:00	3.7	5.4	1.8	0.00	0.01	0.00	1.2	E
8/20/2024 08:34:00	4.0	5.0	0.9	0.00	0.01	0.00	1.0	SE
8/20/2024 08:35:00	4.4	4.5	0.2	0.01	0.01	0.00	0.9	SSE
8/20/2024 08:36:00	4.2	4.6	0.3	0.01	0.01	0.00	0.9	E
8/20/2024 08:37:00	3.9	5.0	1.1	0.00	0.01	0.00	1.1	ESE
8/20/2024 08:38:00	3.5	5.3	1.8	0.00	0.01	0.00	1.3	ESE
8/20/2024 08:39:00	3.5	5.3	1.9	0.00	0.01	0.00	1.4	ESE
8/20/2024 08:40:00	3.0	5.7	2.6	0.00	0.01	0.01	1.5	ESE
8/20/2024 08:41:00	3.0	5.6	2.6	0.00	0.01	0.01	1.4	ESE
8/20/2024 08:42:00	3.0	5.6	2.6	0.00	0.01	0.01	1.4	NE
8/20/2024 08:43:00	3.3	5.2	1.9	0.00	0.01	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
8/20/2024 08:44:00	2.9	5.6	2.7	0.00	0.01	0.01	1.2	E
8/20/2024 08:45:00	3.2	5.1	1.9	0.00	0.01	0.00	1.2	SE
8/20/2024 08:46:00	3.1	5.1	2.0	0.00	0.01	0.00	1.1	S
8/20/2024 08:47:00	3.2	5.0	1.8	0.00	0.01	0.00	1.1	ENE
8/20/2024 08:48:00	3.4	4.9	1.5	0.00	0.01	0.00	1.2	E
8/20/2024 08:49:00	3.3	5.1	1.8	0.00	0.01	0.00	1.3	S
8/20/2024 08:50:00	2.9	5.5	2.6	0.00	0.01	0.01	1.5	ESE
8/20/2024 08:51:00	3.0	5.4	2.4	0.00	0.01	0.01	1.6	E
8/20/2024 08:52:00	2.9	5.3	2.4	0.00	0.01	0.01	1.5	E
8/20/2024 08:53:00	2.8	5.2	2.4	0.00	0.01	0.01	1.4	E
8/20/2024 08:54:00	2.8	5.2	2.4	0.00	0.01	0.01	1.3	ESE
8/20/2024 08:55:00	3.1	4.8	1.6	0.00	0.01	0.00	1.2	WNW
8/20/2024 08:56:00	3.2	4.8	1.6	0.00	0.01	0.00	1.2	E
8/20/2024 08:57:00	3.2	4.7	1.6	0.00	0.01	0.00	1.3	E
8/20/2024 08:58:00	3.0	5.1	2.1	0.00	0.01	0.01	1.4	ENE
8/20/2024 08:59:00	3.4	4.8	1.4	0.00	0.01	0.00	1.4	S
8/20/2024 09:00:00	3.2	5.3	2.0	0.00	0.01	0.01	1.4	ESE
8/20/2024 09:01:00	3.0	5.7	2.7	0.00	0.01	0.01	1.6	E
8/20/2024 09:02:00	3.2	5.7	2.5	0.00	0.01	0.01	1.6	ESE
8/20/2024 09:03:00	3.3	5.8	2.5	0.00	0.01	0.01	1.5	ESE
8/20/2024 09:04:00	3.1	6.1	3.0	0.00	0.01	0.01	1.5	ENE
8/20/2024 09:05:00	3.1	6.3	3.2	0.00	0.01	0.01	1.4	E
8/20/2024 09:06:00	3.1	6.5	3.4	0.00	0.01	0.01	1.4	ESE
8/20/2024 09:07:00	3.2	6.6	3.4	0.00	0.01	0.01	1.5	E
8/20/2024 09:08:00	3.3	6.7	3.4	0.00	0.01	0.01	1.5	E
8/20/2024 09:09:00	3.5	6.8	3.4	0.00	0.01	0.01	1.5	ESE
8/20/2024 09:10:00	3.2	7.3	4.1	0.00	0.01	0.01	1.7	ESE
8/20/2024 09:11:00	3.4	7.3	4.0	0.00	0.01	0.01	1.7	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
8/20/2024 09:12:00	3.5	7.5	4.0	0.00	0.01	0.01	1.8	E
8/20/2024 09:13:00	3.5	7.7	4.2	0.00	0.01	0.01	1.8	ESE
8/20/2024 09:14:00	3.5	7.7	4.2	0.00	0.01	0.01	1.9	SSE
8/20/2024 09:15:00	3.5	7.7	4.2	0.00	0.01	0.01	1.9	E
8/20/2024 09:16:00	3.5	7.8	4.3	0.00	0.01	0.01	1.7	ENE
8/20/2024 09:17:00	3.4	7.8	4.4	0.00	0.01	0.01	1.8	ESE
8/20/2024 09:18:00	3.3	7.7	4.4	0.00	0.01	0.01	1.8	E
8/20/2024 09:19:00	3.4	7.8	4.4	0.00	0.01	0.01	1.8	E
8/20/2024 09:20:00	3.5	7.6	4.1	0.00	0.01	0.01	1.8	E
8/20/2024 09:21:00	3.5	7.4	3.9	0.00	0.01	0.01	1.7	E
8/20/2024 09:22:00	3.6	7.4	3.9	0.00	0.01	0.01	1.6	NE
8/20/2024 09:23:00	3.6	7.5	3.9	0.00	0.01	0.01	1.8	ESE
8/20/2024 09:24:00	3.6	7.5	3.9	0.00	0.01	0.01	1.7	ENE
8/20/2024 09:25:00	3.7	7.5	3.8	0.00	0.01	0.01	1.8	ESE
8/20/2024 09:26:00	3.6	7.6	3.9	0.00	0.01	0.01	1.8	ESE
8/20/2024 09:27:00	3.6	7.5	3.9	0.00	0.01	0.01	1.7	E
8/20/2024 09:28:00	3.5	7.4	3.9	0.00	0.01	0.01	1.7	E
8/20/2024 09:29:00	3.2	7.7	4.5	0.00	0.01	0.01	1.7	ESE
8/20/2024 09:30:00	3.1	7.6	4.5	0.00	0.01	0.01	1.7	ESE
8/20/2024 09:31:00	3.1	7.5	4.4	0.00	0.01	0.01	1.8	ESE
8/20/2024 09:32:00	3.4	7.2	3.8	0.00	0.01	0.01	1.6	SW
8/20/2024 09:33:00	3.7	6.9	3.2	0.00	0.01	0.01	1.4	WSW
8/20/2024 09:34:00	3.5	6.9	3.3	0.00	0.01	0.01	1.4	ESE
8/20/2024 09:35:00	3.4	6.9	3.5	0.00	0.01	0.01	1.3	E
8/20/2024 09:36:00	3.3	6.9	3.6	0.00	0.01	0.01	1.4	ESE
8/20/2024 09:37:00	3.2	6.8	3.6	0.00	0.01	0.01	1.4	ENE
8/20/2024 09:38:00	3.2	6.7	3.5	0.00	0.01	0.01	1.3	ESE
8/20/2024 09:39:00	3.1	6.7	3.6	0.00	0.01	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
8/20/2024 09:40:00	3.0	6.6	3.6	0.00	0.01	0.01	1.2	NW
8/20/2024 09:41:00	3.3	6.3	3.1	0.00	0.01	0.01	1.0	SSW
8/20/2024 09:42:00	3.4	6.3	2.9	0.00	0.01	0.01	1.1	ESE
8/20/2024 09:43:00	3.5	6.3	2.7	0.00	0.01	0.01	1.1	E
8/20/2024 09:44:00	3.6	6.2	2.6	0.00	0.01	0.01	1.1	E
8/20/2024 09:45:00	3.7	6.1	2.5	0.00	0.01	0.01	1.1	ESE
8/20/2024 09:46:00	3.7	6.1	2.4	0.00	0.01	0.01	1.1	ESE
8/20/2024 09:47:00	3.4	6.3	2.9	0.00	0.01	0.01	1.3	ESE
8/20/2024 09:48:00	3.1	6.6	3.5	0.00	0.01	0.01	1.5	ESE
8/20/2024 09:49:00	3.1	6.5	3.4	0.00	0.01	0.01	1.5	ESE
8/20/2024 09:50:00	3.1	6.5	3.4	0.00	0.01	0.01	1.5	ESE
8/20/2024 09:51:00	3.1	6.5	3.4	0.00	0.01	0.01	1.5	ESE
8/20/2024 09:52:00	3.2	6.5	3.3	0.00	0.01	0.01	1.5	E
8/20/2024 09:53:00	3.3	6.4	3.2	0.00	0.01	0.01	1.5	ESE
8/20/2024 09:54:00	3.5	6.4	2.9	0.00	0.01	0.01	1.5	ESE
8/20/2024 09:55:00	3.7	6.4	2.7	0.00	0.01	0.01	1.6	ESE
8/20/2024 09:56:00	3.6	6.6	3.0	0.00	0.01	0.01	1.6	NW
8/20/2024 09:57:00	3.8	6.6	2.8	0.00	0.01	0.01	1.4	N
8/20/2024 09:58:00	4.0	6.6	2.7	0.00	0.01	0.01	1.4	E
8/20/2024 09:59:00	4.0	6.7	2.7	0.00	0.01	0.01	1.3	E
8/20/2024 10:00:00	4.1	6.7	2.6	0.00	0.01	0.01	1.4	ESE
8/20/2024 10:01:00	4.3	6.5	2.2	0.00	0.01	0.01	1.3	S
8/20/2024 10:02:00	4.3	6.5	2.2	0.00	0.01	0.01	1.4	ESE
8/20/2024 10:03:00	4.3	6.5	2.2	0.00	0.01	0.01	1.4	ESE
8/20/2024 10:04:00	4.3	6.5	2.2	0.00	0.01	0.01	1.4	ESE
8/20/2024 10:05:00	4.3	6.4	2.2	0.00	0.01	0.01	1.4	ESE
8/20/2024 10:06:00	4.2	6.3	2.1	0.00	0.01	0.01	1.4	ESE
8/20/2024 10:07:00	4.3	6.3	2.0	0.00	0.01	0.01	1.2	NW

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
8/20/2024 10:08:00	4.5	6.2	1.7	0.00	0.01	0.01	1.2	S
8/20/2024 10:09:00	4.5	6.2	1.7	0.00	0.01	0.01	1.1	ESE
8/20/2024 10:10:00	4.3	6.1	1.8	0.00	0.01	0.01	1.1	ESE
8/20/2024 10:11:00	4.3	6.0	1.7	0.00	0.01	0.01	1.3	ESE
8/20/2024 10:12:00	4.1	5.7	1.6	0.00	0.01	0.01	1.3	SW
8/20/2024 10:13:00	3.9	5.7	1.9	0.00	0.01	0.01	1.1	NW
8/20/2024 10:14:00	3.7	5.7	1.9	0.00	0.01	0.01	1.1	ENE
8/20/2024 10:15:00	3.6	5.6	2.0	0.00	0.01	0.01	1.1	E
8/20/2024 10:16:00	3.3	5.8	2.5	0.00	0.01	0.01	1.1	ESE
8/20/2024 10:17:00	3.5	5.5	2.0	0.00	0.01	0.01	0.9	SE
8/20/2024 10:18:00	3.5	5.6	2.1	0.00	0.01	0.01	0.9	ESE
8/20/2024 10:19:00	3.5	5.5	2.1	0.00	0.01	0.01	1.0	E
8/20/2024 10:20:00	3.6	5.5	1.9	0.00	0.01	0.01	1.0	E
8/20/2024 10:21:00	4.1	5.5	1.4	0.00	0.01	0.01	1.0	ESE
8/20/2024 10:22:00	4.7	5.5	0.9	0.00	0.01	0.01	1.1	ESE
8/20/2024 10:23:00	4.6	5.6	1.0	0.00	0.01	0.01	1.3	ESE
8/20/2024 10:24:00	4.5	5.7	1.1	0.00	0.01	0.01	1.3	ESE
8/20/2024 10:25:00	4.5	5.7	1.3	0.00	0.01	0.01	1.3	ESE
8/20/2024 10:26:00	4.5	5.7	1.3	0.00	0.01	0.01	1.3	E
8/20/2024 10:27:00	4.3	5.9	1.6	0.00	0.01	0.01	1.4	ESE
8/20/2024 10:28:00	4.3	5.8	1.5	0.00	0.01	0.01	1.5	ESE
8/20/2024 10:29:00	4.4	5.8	1.4	0.00	0.01	0.01	1.6	ESE
8/20/2024 10:30:00	4.5	5.8	1.2	0.00	0.01	0.01	1.5	E
8/20/2024 10:31:00	4.8	5.7	1.0	0.00	0.01	0.01	1.6	ESE
8/20/2024 10:32:00	4.6	6.0	1.3	0.00	0.01	0.01	1.6	E
8/20/2024 10:33:00	4.6	5.9	1.3	0.00	0.01	0.01	1.5	E
8/20/2024 10:34:00	4.6	5.9	1.3	0.00	0.01	0.01	1.5	E
8/20/2024 10:35:00	4.8	6.0	1.2	0.00	0.01	0.01	1.6	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
8/20/2024 10:36:00	4.8	6.0	1.2	0.00	0.01	0.01	1.6	ESE
8/20/2024 10:37:00	4.4	6.1	1.7	0.00	0.01	0.01	1.6	ESE
8/20/2024 10:38:00	4.3	6.0	1.8	0.00	0.01	0.01	1.6	ESE
8/20/2024 10:39:00	4.4	6.0	1.6	0.00	0.01	0.01	1.6	E
8/20/2024 10:40:00	4.5	6.0	1.4	0.00	0.01	0.01	1.6	ESE
8/20/2024 10:41:00	4.6	6.0	1.4	0.00	0.01	0.01	1.6	E
8/20/2024 10:42:00	4.7	6.0	1.3	0.00	0.01	0.01	1.7	ESE
8/20/2024 10:43:00	4.7	5.9	1.2	0.00	0.01	0.01	1.7	ESE
8/20/2024 10:44:00	4.7	5.9	1.3	0.00	0.01	0.01	1.7	E
8/20/2024 10:45:00	4.8	5.7	0.9	0.00	0.01	0.01	1.6	SSE
8/20/2024 10:46:00	4.6	5.8	1.2	0.00	0.01	0.01	1.6	ESE
8/20/2024 10:47:00	4.9	5.6	0.7	0.00	0.01	0.01	1.5	WSW
8/20/2024 10:48:00	4.8	5.6	0.8	0.00	0.01	0.01	1.4	ENE
8/20/2024 10:49:00	5.3	5.3	0.1	0.00	0.01	0.01	1.4	SSE
8/20/2024 10:50:00	4.9	5.3	0.4	0.00	0.01	0.01	1.3	E
8/20/2024 10:51:00	4.3	5.3	1.0	0.00	0.01	0.01	1.3	E
8/20/2024 10:52:00	4.0	5.2	1.3	0.00	0.01	0.01	1.2	E
8/20/2024 10:53:00	4.0	4.9	0.8	0.00	0.01	0.01	1.0	WNW
8/20/2024 10:54:00	3.8	4.8	1.1	0.00	0.01	0.01	1.0	E
8/20/2024 10:55:00	3.6	4.8	1.3	0.00	0.01	0.01	0.9	ESE
8/20/2024 10:56:00	3.5	4.8	1.3	0.00	0.01	0.01	0.8	ESE
8/20/2024 10:57:00	3.5	4.6	1.1	0.00	0.01	0.00	0.8	SE
8/20/2024 10:58:00	3.5	4.5	1.1	0.00	0.01	0.00	0.6	WNW
8/20/2024 10:59:00	3.4	4.3	0.8	0.01	0.01	0.00	0.6	SE
8/20/2024 11:00:00	3.2	4.2	1.0	0.01	0.01	0.00	0.7	SE
8/20/2024 11:01:00	3.2	3.9	0.7	0.01	0.01	0.00	0.7	ESE
8/20/2024 11:02:00	2.7	4.0	1.2	0.00	0.01	0.00	0.9	ESE
8/20/2024 11:03:00	2.9	3.8	0.9	0.00	0.01	0.00	0.9	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
8/20/2024 11:04:00	2.6	4.0	1.4	0.00	0.01	0.00	1.0	SE
8/20/2024 11:05:00	2.8	3.7	0.9	0.00	0.01	0.00	1.0	ESE
8/20/2024 11:06:00	3.0	3.4	0.5	0.00	0.01	0.00	1.0	E
8/20/2024 11:07:00	3.1	3.4	0.3	0.01	0.01	0.00	1.0	SSE
8/20/2024 11:08:00	3.1	3.5	0.5	0.00	0.01	0.00	1.1	ENE
8/20/2024 11:09:00	3.4	3.3	0.0	0.00	0.01	0.00	1.1	E
8/20/2024 11:10:00	3.8	3.2	0.0	0.00	0.01	0.00	1.2	E
8/20/2024 11:11:00	4.1	3.0	0.0	0.01	0.01	0.00	1.2	ESE
8/20/2024 11:12:00	4.1	3.0	0.0	0.01	0.01	0.00	1.3	ESE
8/20/2024 11:13:00	4.4	2.9	0.0	0.01	0.01	0.00	1.5	ESE
8/20/2024 11:14:00	4.7	3.2	0.0	0.01	0.01	0.00	1.3	NW
8/20/2024 11:15:00	4.9	3.6	0.0	0.01	0.01	0.00	1.4	ESE
8/20/2024 11:16:00	5.4	3.7	0.0	0.01	0.01	0.00	1.4	ESE
8/20/2024 11:17:00	5.8	3.8	0.0	0.01	0.01	0.00	1.4	ESE
8/20/2024 11:18:00	5.8	3.8	0.0	0.01	0.01	0.00	1.3	ESE
8/20/2024 11:19:00	6.0	3.8	0.0	0.01	0.01	0.00	1.3	E
8/20/2024 11:20:00	6.2	4.0	0.0	0.01	0.01	0.00	1.3	E
8/20/2024 11:21:00	6.3	4.0	0.0	0.01	0.01	0.00	1.3	ESE
8/20/2024 11:22:00	6.5	4.0	0.0	0.01	0.01	0.00	1.4	ESE
8/20/2024 11:23:00	6.5	4.3	0.0	0.01	0.01	0.00	1.4	ESE
8/20/2024 11:24:00	6.5	4.4	0.0	0.01	0.01	0.00	1.4	ESE
8/20/2024 11:25:00	6.5	4.6	0.0	0.01	0.01	0.00	1.4	E
8/20/2024 11:26:00	6.4	4.8	0.0	0.01	0.01	0.00	1.4	E
8/20/2024 11:27:00	6.5	4.8	0.0	0.01	0.01	0.01	1.3	ESE
8/20/2024 11:28:00	6.9	4.9	0.0	0.00	0.01	0.01	1.3	E
8/20/2024 11:29:00	7.6	4.8	0.0	0.00	0.01	0.01	1.5	ESE
8/20/2024 11:30:00	16.1	5.0	0.0	0.00	0.01	0.01	1.3	WNW
8/20/2024 11:31:00	16.0	18.6	2.7	0.00	0.01	0.01	1.3	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
8/20/2024 11:32:00	17.5	18.7	1.2	0.00	0.01	0.01	1.2	SE
8/20/2024 11:33:00	17.5	19.3	1.8	0.00	0.01	0.01	1.2	ENE
8/20/2024 11:34:00	17.4	19.6	2.1	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:35:00	17.4	19.7	2.2	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:36:00	17.6	19.8	2.2	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:37:00	17.7	19.8	2.1	0.00	0.01	0.01	1.2	NNW
8/20/2024 11:38:00	17.8	19.7	1.9	0.00	0.01	0.01	1.1	E
8/20/2024 11:39:00	17.9	19.8	1.9	0.00	0.01	0.01	1.1	E
8/20/2024 11:40:00	17.9	19.8	1.9	0.00	0.01	0.01	1.0	WNW
8/20/2024 11:41:00	17.9	19.8	1.9	0.00	0.01	0.01	1.1	ESE
8/20/2024 11:42:00	17.8	19.9	2.1	0.00	0.01	0.01	1.1	ESE
8/20/2024 11:43:00	17.4	20.0	2.6	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:44:00	16.7	20.0	3.4	0.00	0.01	0.01	1.1	ENE
8/20/2024 11:45:00	8.2	19.6	11.4	0.00	0.01	0.01	1.2	NNW
8/20/2024 11:46:00	8.4	6.0	0.0	0.00	0.01	0.01	1.2	E
8/20/2024 11:47:00	7.0	6.0	0.0	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:48:00	7.3	5.4	0.0	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:49:00	7.5	5.2	0.0	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:50:00	7.6	5.0	0.0	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:51:00	7.6	5.0	0.0	0.00	0.01	0.01	1.1	ESE
8/20/2024 11:52:00	7.6	5.0	0.0	0.00	0.01	0.01	1.3	ESE
8/20/2024 11:53:00	7.8	5.0	0.0	0.00	0.01	0.01	1.3	ENE
8/20/2024 11:54:00	7.7	5.0	0.0	0.00	0.01	0.01	1.3	E
8/20/2024 11:55:00	7.8	5.0	0.0	0.00	0.01	0.01	1.4	ESE
8/20/2024 11:56:00	7.8	4.9	0.0	0.00	0.01	0.01	1.3	ESE
8/20/2024 11:57:00	8.2	5.0	0.0	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:58:00	8.1	5.0	0.0	0.00	0.01	0.01	1.2	ESE
8/20/2024 11:59:00	8.1	5.0	0.0	0.00	0.01	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
8/20/2024 12:00:00	8.0	5.0	0.0	0.00	0.01	0.01	1.5	ESE
8/20/2024 12:01:00	7.8	5.1	0.0	0.00	0.01	0.01	1.5	SE
8/20/2024 12:02:00	7.6	5.2	0.0	0.00	0.01	0.01	1.5	E
8/20/2024 12:03:00	7.4	5.3	0.0	0.00	0.01	0.01	1.5	E
8/20/2024 12:04:00	7.1	5.3	0.0	0.00	0.01	0.01	1.5	ESE
8/20/2024 12:05:00	6.8	5.4	0.0	0.00	0.01	0.01	1.5	ESE
8/20/2024 12:06:00	6.6	5.4	0.0	0.00	0.01	0.01	1.4	S
8/20/2024 12:07:00	6.5	5.5	0.0	0.00	0.01	0.01	1.4	SE
8/20/2024 12:08:00	6.4	5.4	0.0	0.00	0.01	0.01	1.4	E
8/20/2024 12:09:00	6.3	5.4	0.0	0.00	0.01	0.01	1.4	ESE
8/20/2024 12:10:00	6.1	5.4	0.0	0.00	0.01	0.01	1.3	E
8/20/2024 12:11:00	6.2	5.4	0.0	0.00	0.01	0.01	1.3	E
8/20/2024 12:12:00	5.8	5.5	0.0	0.00	0.01	0.01	1.3	ESE
8/20/2024 12:13:00	5.8	5.6	0.0	0.00	0.01	0.01	1.3	ESE
8/20/2024 12:14:00	5.6	5.7	0.1	0.00	0.01	0.01	1.1	E
8/20/2024 12:15:00	5.6	5.6	0.0	0.00	0.01	0.01	1.1	SE
8/20/2024 12:16:00	5.6	5.4	0.0	0.00	0.01	0.01	1.1	SE
8/20/2024 12:17:00	5.6	5.3	0.0	0.00	0.01	0.00	1.1	SE
8/20/2024 12:18:00	5.6	5.3	0.0	0.00	0.01	0.00	1.1	ENE
8/20/2024 12:19:00	5.7	5.2	0.0	0.00	0.01	0.00	1.0	SW
8/20/2024 12:20:00	5.9	5.1	0.0	0.01	0.01	0.00	0.8	W
8/20/2024 12:21:00	5.8	5.2	0.0	0.00	0.01	0.00	0.8	N
8/20/2024 12:22:00	5.8	5.2	0.0	0.00	0.01	0.00	0.8	ENE
8/20/2024 12:23:00	5.7	5.3	0.0	0.00	0.01	0.00	0.8	E
8/20/2024 12:24:00	5.6	5.3	0.0	0.00	0.01	0.00	0.8	ESE
8/20/2024 12:25:00	5.4	5.4	0.0	0.00	0.01	0.00	0.9	ESE
8/20/2024 12:26:00	5.3	5.4	0.1	0.00	0.01	0.00	0.8	ESE
8/20/2024 12:27:00	5.2	5.4	0.2	0.00	0.01	0.00	0.8	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
8/20/2024 12:28:00	5.1	5.4	0.4	0.00	0.01	0.00	0.7	NNW
8/20/2024 12:29:00	5.2	5.3	0.0	0.00	0.01	0.00	0.6	WNW
8/20/2024 12:30:00	5.1	5.4	0.3	0.00	0.01	0.00	0.5	ENE
8/20/2024 12:31:00	5.1	5.4	0.3	0.00	0.01	0.00	0.4	W
8/20/2024 12:32:00	5.0	5.5	0.6	0.00	0.01	0.01	0.5	ESE
8/20/2024 12:33:00	5.0	5.4	0.4	0.00	0.01	0.01	0.5	ESE
8/20/2024 12:34:00	5.0	5.6	0.5	0.00	0.01	0.01	0.7	ESE
8/20/2024 12:35:00	5.0	5.7	0.7	0.00	0.01	0.01	0.8	ESE
8/20/2024 12:36:00	4.9	5.6	0.7	0.00	0.01	0.01	1.0	E
8/20/2024 12:37:00	4.7	5.6	0.9	0.00	0.01	0.01	1.0	E
8/20/2024 12:38:00	4.7	5.3	0.6	0.00	0.01	0.01	0.9	SE
8/20/2024 12:39:00	4.7	5.3	0.6	0.00	0.01	0.01	0.9	ESE
8/20/2024 12:40:00	4.6	5.2	0.6	0.01	0.01	0.00	0.9	ESE
8/20/2024 12:41:00	4.5	5.1	0.6	0.01	0.01	0.00	0.9	E
8/20/2024 12:42:00	4.4	5.1	0.7	0.01	0.01	0.00	1.0	ESE
8/20/2024 12:43:00	4.5	4.9	0.4	0.01	0.01	0.00	1.0	SSE
8/20/2024 12:44:00	4.3	5.0	0.7	0.01	0.01	0.00	1.2	E
8/20/2024 12:45:00	4.3	4.9	0.6	0.01	0.01	0.00	1.3	E
8/20/2024 12:46:00	4.1	5.1	0.9	0.01	0.01	0.00	1.4	ESE
8/20/2024 12:47:00	4.0	5.1	1.0	0.01	0.01	0.00	1.3	NNE
8/20/2024 12:48:00	4.2	4.9	0.7	0.01	0.01	0.00	1.1	WNW
8/20/2024 12:49:00	4.0	5.1	1.0	0.01	0.01	0.00	1.0	E
8/20/2024 12:50:00	3.9	5.2	1.4	0.01	0.01	0.00	1.1	ESE
8/20/2024 12:51:00	3.9	5.4	1.4	0.01	0.01	0.00	1.0	ESE
8/20/2024 12:52:00	4.0	5.5	1.5	0.01	0.01	0.00	1.1	ESE
8/20/2024 12:53:00	3.9	5.8	1.9	0.01	0.01	0.00	1.0	NE
8/20/2024 12:54:00	4.1	5.7	1.6	0.01	0.01	0.00	1.0	ESE
8/20/2024 12:55:00	4.1	5.7	1.6	0.01	0.01	0.00	0.9	NW

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
8/20/2024 12:56:00	4.2	5.7	1.5	0.00	0.01	0.01	0.8	NNW
8/20/2024 12:57:00	4.3	5.8	1.5	0.00	0.01	0.01	0.7	ESE
8/20/2024 12:58:00	4.2	6.0	1.8	0.00	0.01	0.01	0.8	E
8/20/2024 12:59:00	4.4	5.9	1.5	0.00	0.01	0.01	0.7	SE
8/20/2024 13:00:00	4.4	5.9	1.5	0.00	0.01	0.01	0.7	NE
8/20/2024 13:01:00	4.7	5.9	1.2	0.00	0.01	0.01	0.6	W
8/20/2024 13:02:00	5.0	5.9	0.9	0.00	0.01	0.01	0.6	ESE
8/20/2024 13:03:00	4.9	6.0	1.2	0.00	0.01	0.01	0.7	ESE
8/20/2024 13:04:00	4.9	5.9	1.0	0.00	0.01	0.01	0.7	ENE
8/20/2024 13:05:00	5.0	5.7	0.7	0.00	0.01	0.01	0.6	NNE
8/20/2024 13:06:00	5.0	5.6	0.6	0.00	0.01	0.01	0.6	ENE
8/20/2024 13:07:00	5.2	5.6	0.4	0.00	0.01	0.00	0.6	SSE
8/20/2024 13:08:00	5.5	5.5	0.0	0.00	0.01	0.00	0.6	ESE
8/20/2024 13:09:00	5.5	5.7	0.2	0.00	0.01	0.01	0.6	E
8/20/2024 13:10:00	5.6	5.8	0.2	0.00	0.01	0.01	0.7	ENE
8/20/2024 13:11:00	5.7	5.9	0.2	0.00	0.01	0.01	0.8	E
8/20/2024 13:12:00	5.9	6.0	0.1	0.00	0.01	0.01	0.8	ENE
8/20/2024 13:13:00	6.1	6.0	0.0	0.00	0.01	0.01	0.8	ESE
8/20/2024 13:14:00	5.9	6.2	0.3	0.00	0.01	0.01	0.8	E
8/20/2024 13:15:00	6.0	6.2	0.2	0.00	0.01	0.01	0.8	E
8/20/2024 13:16:00	6.0	6.6	0.6	0.00	0.01	0.01	0.9	S
8/20/2024 13:17:00	6.6	6.6	0.0	0.00	0.01	0.01	0.9	E
8/20/2024 13:18:00	6.8	6.5	0.0	0.00	0.01	0.01	0.9	ESE
8/20/2024 13:19:00	6.9	6.5	0.0	0.00	0.01	0.01	0.9	N
8/20/2024 13:20:00	7.0	6.5	0.0	0.00	0.01	0.01	0.9	ENE
8/20/2024 13:21:00	7.7	6.5	0.0	0.00	0.01	0.01	0.9	ESE
8/20/2024 13:22:00	7.9	6.5	0.0	0.00	0.01	0.01	1.0	E
8/20/2024 13:23:00	7.7	6.5	0.0	0.00	0.01	0.01	0.9	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
8/20/2024 13:24:00	7.8	6.5	0.0	0.00	0.01	0.01	0.8	WNW
8/20/2024 13:25:00	8.0	6.6	0.0	0.00	0.01	0.01	0.8	SE
8/20/2024 13:26:00	8.0	6.6	0.0	0.00	0.01	0.01	0.8	NE
8/20/2024 13:27:00	8.0	6.7	0.0	0.00	0.01	0.01	0.8	ESE
8/20/2024 13:28:00	8.1	6.8	0.0	0.00	0.01	0.01	0.8	SE
8/20/2024 13:29:00	8.4	6.8	0.0	0.00	0.01	0.01	0.9	ESE
8/20/2024 13:30:00	8.5	6.7	0.0	0.00	0.01	0.01	1.0	ESE
8/20/2024 13:31:00	8.5	6.3	0.0	0.00	0.01	0.01	1.2	ESE
8/20/2024 13:32:00	7.9	6.3	0.0	0.00	0.01	0.01	1.4	E
8/20/2024 13:33:00	7.9	6.3	0.0	0.00	0.01	0.01	1.4	E
8/20/2024 13:34:00	7.9	6.4	0.0	0.00	0.01	0.01	1.4	ENE
8/20/2024 13:35:00	8.0	6.4	0.0	0.00	0.01	0.01	1.5	ESE
8/20/2024 13:36:00	7.3	6.3	0.0	0.00	0.01	0.01	1.4	ESE
8/20/2024 13:37:00	7.1	6.3	0.0	0.00	0.01	0.01	1.3	ENE
8/20/2024 13:38:00	7.2	6.2	0.0	0.00	0.01	0.01	1.2	W
8/20/2024 13:39:00	7.1	6.2	0.0	0.00	0.01	0.01	1.3	SE
8/20/2024 13:40:00	6.8	5.9	0.0	0.00	0.01	0.01	1.3	NE
8/20/2024 13:41:00	6.8	5.8	0.0	0.00	0.01	0.01	1.3	SE
8/20/2024 13:42:00	7.0	5.7	0.0	0.00	0.01	0.01	1.2	NW
8/20/2024 13:43:00	6.9	5.8	0.0	0.00	0.01	0.01	1.2	SE
8/20/2024 13:44:00	6.7	5.8	0.0	0.00	0.01	0.01	1.1	E
8/20/2024 13:45:00	6.7	5.8	0.0	0.00	0.01	0.01	0.9	N
8/20/2024 13:46:00	6.6	5.8	0.0	0.00	0.01	0.01	0.8	E
8/20/2024 13:47:00	6.5	5.8	0.0	0.00	0.01	0.01	0.6	ESE
8/20/2024 13:48:00	6.6	5.9	0.0	0.00	0.01	0.01	0.6	E
8/20/2024 13:49:00	6.7	6.3	0.0	0.00	0.01	0.00	0.5	SSW
8/20/2024 13:50:00	6.7	7.0	0.3	0.00	0.01	0.00	0.4	NW
8/20/2024 13:51:00	6.9	7.8	0.9	0.01	0.01	0.00	0.5	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
8/20/2024 13:52:00	7.0	7.9	0.8	0.01	0.01	0.00	0.7	ESE
8/20/2024 13:53:00	7.1	7.9	0.8	0.01	0.01	0.00	0.8	E
8/20/2024 13:54:00	7.2	11.7	4.5	0.01	0.01	0.00	0.7	NNE
8/20/2024 13:55:00	7.2	15.1	7.9	0.01	0.01	0.00	0.8	E
8/20/2024 13:56:00	7.3	16.3	9.0	0.01	0.01	0.00	0.9	ESE
8/20/2024 13:57:00	7.4	16.4	9.0	0.02	0.01	0.00	1.2	ESE
8/20/2024 13:58:00	7.6	16.1	8.5	0.03	0.01	0.00	1.3	ESE
8/20/2024 13:59:00	7.6	16.2	8.6	0.03	0.01	0.00	1.3	ESE
8/20/2024 14:00:00	7.7	16.2	8.5	0.03	0.01	0.00	1.4	E
8/20/2024 14:01:00	7.9	16.2	8.3	0.03	0.01	0.00	1.5	ESE
8/20/2024 14:02:00	8.2	16.3	8.1	0.03	0.01	0.00	1.5	SSE
8/20/2024 14:03:00	8.1	21.3	13.2	0.03	0.01	0.00	1.4	NW
8/20/2024 14:04:00	8.0	35.0	27.0	0.03	0.01	0.00	1.5	E
8/20/2024 14:05:00	7.9	43.3	35.3	0.03	0.01	0.00	1.6	ESE
8/20/2024 14:06:00	10.4	43.5	33.1	0.03	0.01	0.00	1.4	W
8/20/2024 14:07:00	11.1	50.1	39.1	0.03	0.01	0.00	1.3	E
8/20/2024 14:08:00	11.2	53.6	42.4	0.02	0.01	0.00	1.2	NNW
8/20/2024 14:09:00	11.6	59.6	48.0	0.02	0.01	0.00	1.3	ESE
8/20/2024 14:10:00	11.9	56.6	44.6	0.02	0.01	0.00	1.4	ESE
8/20/2024 14:11:00	12.3	55.5	43.1	0.02	0.01	0.00	1.3	ESE
8/20/2024 14:12:00	12.3	55.3	43.1	0.01	0.01	0.01	1.1	ESE
8/20/2024 14:13:00	12.2	55.2	43.0	0.00	0.01	0.01	0.9	ESE
8/20/2024 14:14:00	12.5	55.6	43.1	0.00	0.01	0.01	0.8	WNW
8/20/2024 14:15:00	13.1	57.5	44.4	0.00	0.01	0.01	0.7	ESE
8/20/2024 14:16:00	13.0	58.3	45.3	0.00	0.01	0.01	0.7	E
8/20/2024 14:17:00	12.7	58.4	45.6	0.00	0.01	0.01	0.7	E
8/20/2024 14:18:00	12.7	53.6	40.8	0.00	0.01	0.01	0.6	NW
8/20/2024 14:19:00	12.8	39.5	26.6	0.00	0.01	0.01	0.5	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
8/20/2024 14:20:00	12.9	31.4	18.5	0.00	0.01	0.01	0.6	E
8/20/2024 14:21:00	10.4	30.5	20.1	0.00	0.01	0.01	0.8	ESE
8/20/2024 14:22:00	9.7	23.8	14.1	0.00	0.01	0.01	0.7	ESE
8/20/2024 14:23:00	9.5	20.3	10.8	0.00	0.01	0.01	0.8	ESE
8/20/2024 14:24:00	9.1	10.6	1.5	0.00	0.01	0.01	0.7	SSE
8/20/2024 14:25:00	8.6	10.2	1.6	0.00	0.01	0.01	0.6	NNW
8/20/2024 14:26:00	8.1	10.3	2.1	0.00	0.01	0.01	0.6	E
8/20/2024 14:27:00	7.7	10.3	2.6	0.00	0.01	0.01	0.6	ESE
8/20/2024 14:28:00	7.6	10.3	2.7	0.00	0.01	0.01	0.7	E
8/20/2024 14:29:00	7.4	9.8	2.4	0.00	0.01	0.01	0.8	E
8/20/2024 14:30:00	6.7	8.0	1.3	0.00	0.01	0.01	0.8	E
8/20/2024 14:31:00	6.5	7.2	0.7	0.00	0.01	0.01	0.8	ESE
8/20/2024 14:32:00	6.6	7.0	0.4	0.00	0.01	0.01	0.8	ESE
8/20/2024 14:33:00	6.7	6.8	0.2	0.00	0.01	0.01	1.0	ESE
8/20/2024 14:34:00	6.5	7.0	0.5	0.00	0.01	0.01	1.0	SSE
8/20/2024 14:35:00	6.6	6.6	0.0	0.00	0.01	0.01	1.0	E
8/20/2024 14:36:00	6.7	6.5	0.0	0.00	0.01	0.01	1.1	ESE
8/20/2024 14:37:00	6.7	6.5	0.0	0.00	0.01	0.01	1.2	ESE
8/20/2024 14:38:00	6.7	6.4	0.0	0.00	0.01	0.01	1.3	E
8/20/2024 14:39:00	6.8	6.3	0.0	0.00	0.01	0.01	1.3	ENE
8/20/2024 14:40:00	6.9	6.4	0.0	0.00	0.01	0.01	1.4	ESE
8/20/2024 14:41:00	7.2	6.4	0.0	0.00	0.01	0.01	1.5	ESE
8/20/2024 14:42:00	7.5	6.5	0.0	0.00	0.01	0.01	1.5	E
8/20/2024 14:43:00	7.5	6.6	0.0	0.01	0.01	0.01	1.5	ESE
8/20/2024 14:44:00	7.5	6.6	0.0	0.01	0.01	0.00	1.6	ESE
8/20/2024 14:45:00	7.5	6.5	0.0	0.01	0.01	0.00	1.8	ESE
8/20/2024 14:46:00	7.4	6.4	0.0	0.01	0.01	0.00	1.8	ESE
8/20/2024 14:47:00	7.2	6.3	0.0	0.01	0.01	0.00	1.9	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
8/20/2024 14:48:00	7.3	6.3	0.0	0.01	0.01	0.00	1.9	ESE
8/20/2024 14:49:00	7.5	6.2	0.0	0.01	0.01	0.01	2.0	ESE
8/20/2024 14:50:00	7.3	5.6	0.0	0.01	0.01	0.01	2.0	ENE
8/20/2024 14:51:00	7.4	5.7	0.0	0.01	0.01	0.01	1.9	ESE
8/20/2024 14:52:00	7.9	5.8	0.0	0.01	0.01	0.01	1.8	E
8/20/2024 14:53:00	7.8	6.4	0.0	0.01	0.01	0.00	1.5	W
8/20/2024 14:54:00	8.4	6.5	0.0	0.01	0.01	0.00	1.6	ESE
8/20/2024 14:55:00	8.7	6.6	0.0	0.01	0.01	0.00	1.5	NE
8/20/2024 14:56:00	8.9	6.7	0.0	0.01	0.01	0.00	1.5	ESE
8/20/2024 14:57:00	9.2	6.7	0.0	0.00	0.01	0.01	1.5	ESE
8/20/2024 14:58:00	9.5	6.7	0.0	0.00	0.01	0.01	1.4	NNE
8/20/2024 14:59:00	9.9	6.9	0.0	0.00	0.01	0.01	1.3	ENE
8/20/2024 15:00:00	10.2	7.5	0.0	0.00	0.01	0.01	1.1	SSW
8/20/2024 15:01:00	10.7	7.5	0.0	0.00	0.01	0.01	0.9	W
8/20/2024 15:02:00	10.7	7.8	0.0	0.00	0.01	0.01	0.7	NNE
8/20/2024 15:03:00	10.4	8.2	0.0	0.00	0.01	0.01	0.7	ESE
8/20/2024 15:04:00	10.2	8.4	0.0	0.00	0.01	0.01	0.6	ENE
8/20/2024 15:05:00	10.2	8.6	0.0	0.00	0.01	0.01	0.7	E
8/20/2024 15:06:00	10.0	9.0	0.0	0.00	0.01	0.01	0.7	ENE
8/20/2024 15:07:00	9.5	9.2	0.0	0.00	0.01	0.01	0.6	N
8/20/2024 15:08:00	9.5	8.9	0.0	0.00	0.01	0.01	0.7	E
8/20/2024 15:09:00	9.1	8.9	0.0	0.00	0.01	0.01	0.6	SSW
8/20/2024 15:10:00	8.7	8.9	0.2	0.00	0.01	0.01	0.6	ESE
8/20/2024 15:11:00	8.4	8.9	0.6	0.00	0.01	0.01	0.6	ESE
8/20/2024 15:12:00	8.0	9.1	1.1	0.00	0.01	0.01	0.6	E
8/20/2024 15:13:00	7.7	9.2	1.5	0.00	0.01	0.01	0.6	E
8/20/2024 15:14:00	7.6	9.6	1.9	0.00	0.01	0.01	0.5	SSW
8/20/2024 15:15:00	7.5	9.4	1.9	0.00	0.01	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
8/20/2024 15:16:00	7.2	9.6	2.4	0.00	0.01	0.01	0.9	E
8/20/2024 15:17:00	7.2	9.4	2.2	0.00	0.01	0.01	1.1	ESE
8/20/2024 15:18:00	7.3	9.4	2.1	0.00	0.01	0.01	1.1	ESE
8/20/2024 15:19:00	7.2	9.5	2.3	0.00	0.01	0.01	1.3	ESE
8/20/2024 15:20:00							1.3	ESE
8/20/2024 15:21:00							1.3	ESE
8/20/2024 15:22:00							1.4	E
8/20/2024 15:23:00							1.3	WNW
8/20/2024 15:24:00							1.3	WNW