

CLIENT:	Gowanus Canal LLC, GowCan Owner, LLC, Bayside Gowanus Owner, L.L.C., Bayside Gowanus Venture, L.L.C.	DAY OF SPW CONSTRUCTION:	092
PROJECT No.:	170295301	DATE:	Monday, August 19, 2024
PROJECT:	Gowanus Canal Northside	WEATHER:	Sunny, 72- 85°F Wind: E @ 0 – 4mph
LOCATION:	Brooklyn, New York	TIME:	07:00 to 15:30
EQUIPMENT:	Kobelco SK210LC Excavator Takeuchi TB370 Excavator Takeuchi TL12V2 Skid Steer Husqvarna LG400 Plate Compactor	BCP SITE ID:	C224080
EQUIPMENT:		PRESENT AT SITE:	Langan: Stephanie Raphael Urban Atelier Group (UAG): Seth Anderson G&M Works LLC (G&M): Jason

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 8-foot-wide area to about 3 feet below grade surface (bgs) in the northern part of the SPW, east of Society Brooklyn. Excavated material consisted of NYSDEC-approved fill and historic fill.
 - Excavated material was screened for odor, staining, and organic vapor using a photoionization detector (PID). No impacts were observed.
 - Excavated material was live-loaded into permitted tri-axle trucks for off-site disposal.
- G&M placed 0.75-inch clean stone in an about 6-foot-long by 6-foot-wide area to about 1-foot above surface grade in the southern part of the SPW, east of Sackett Place.

Import and Export Tracking

- G&M exported 16 truckloads of non-hazardous historic fill/soil and previously imported structural fill from the SPW (IRRC Structural Fill, SPW_WC01, SPW_WC02, SPW_WC03, SPW_WC04 and SPW_WC05) to the Capital Development Site in East Bangor, PA.
- G&M exported 2 truckloads of non-hazardous, petroleum-impacted historic fill/soil from the SPW (SPW_WC05) to the Pure Soil Technologies facility in Jackson Township, NJ.
- No material was imported to the site.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Capital Development Site East Bangor, PA Non-Hazardous Soil/Fill	No. Loads	16	37
	Quantity (CY)	0	740
Pure Soil Technologies Jackson, NJ Non-Hazardous Soil/Fill	No. Loads	2	2
	Quantity (CY)	0	40

Cc:	G. Nicholls, M. Burke, P. Farnham, E. Adkins, C. Devin	By:	Stephanie Raphael Langan, D.P.C.
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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	0	19
		Quantity (CY)	0	380

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 exporting non-hazardous historic fill/soil in permitted tri-axle trucks from Society Brooklyn (facing north)

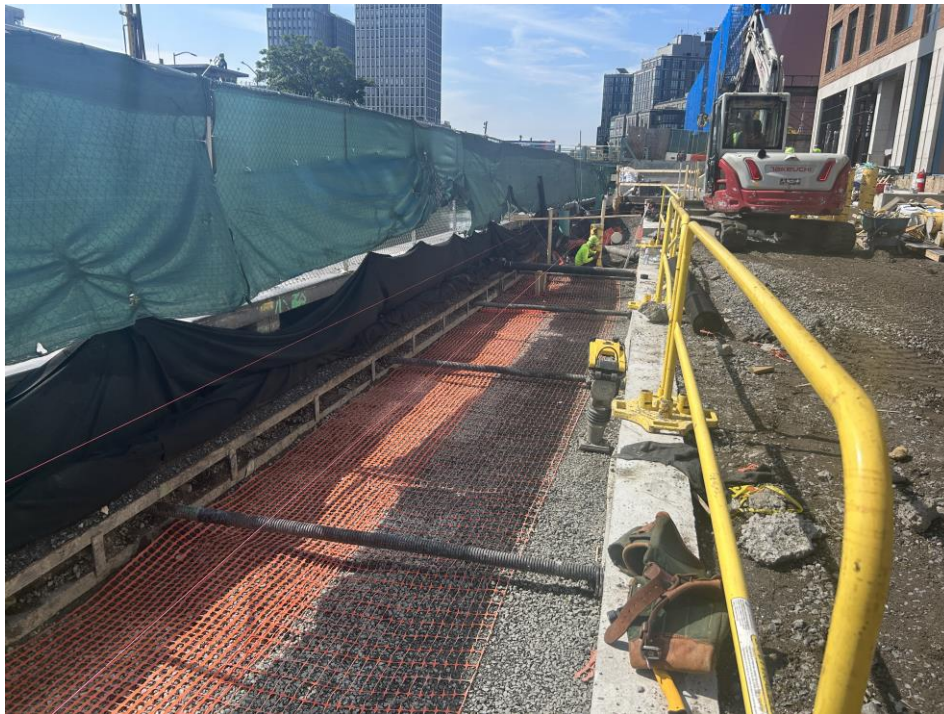
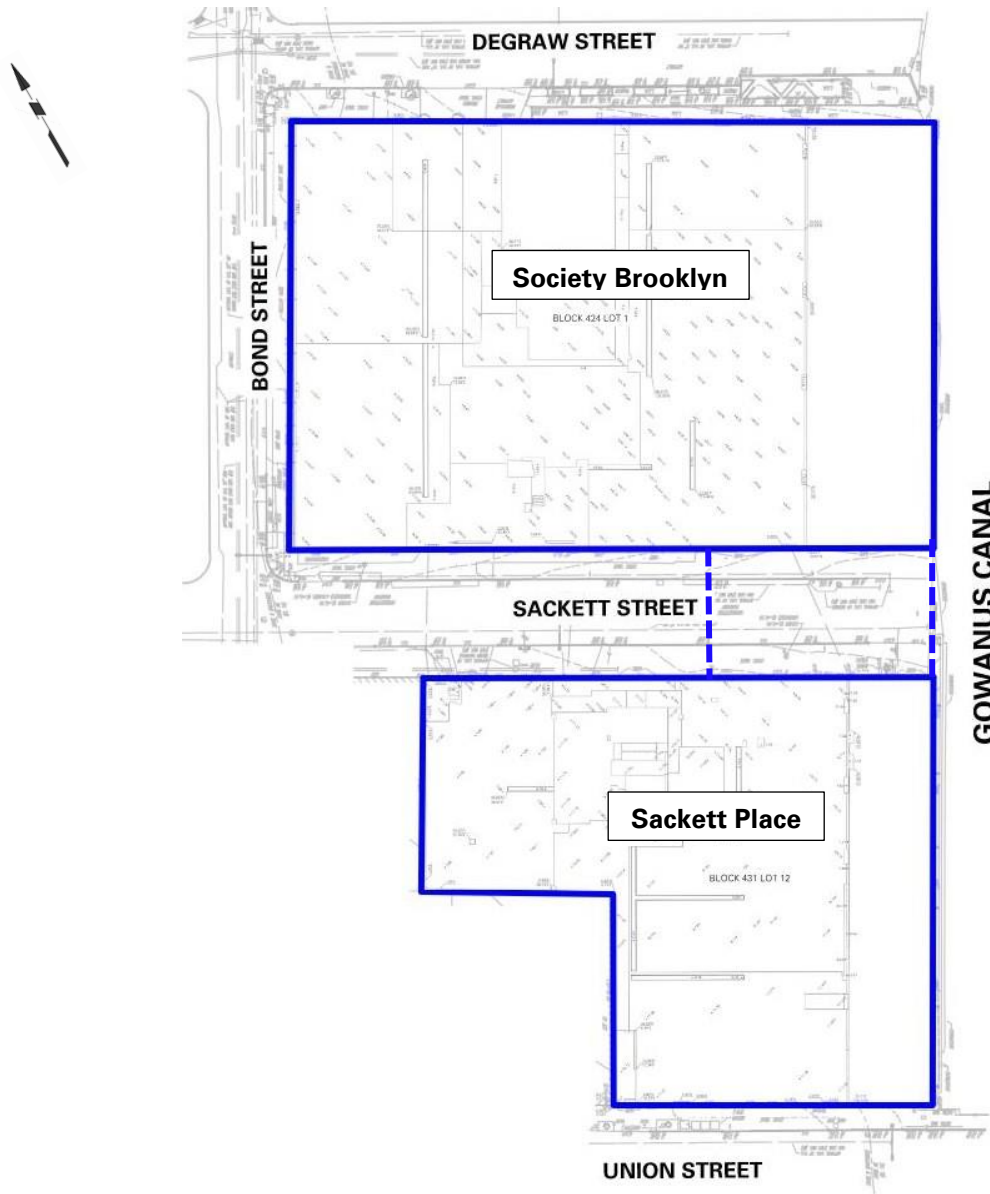


Photo 2: General view of the work area in the southern part of the SPW (facing south)

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

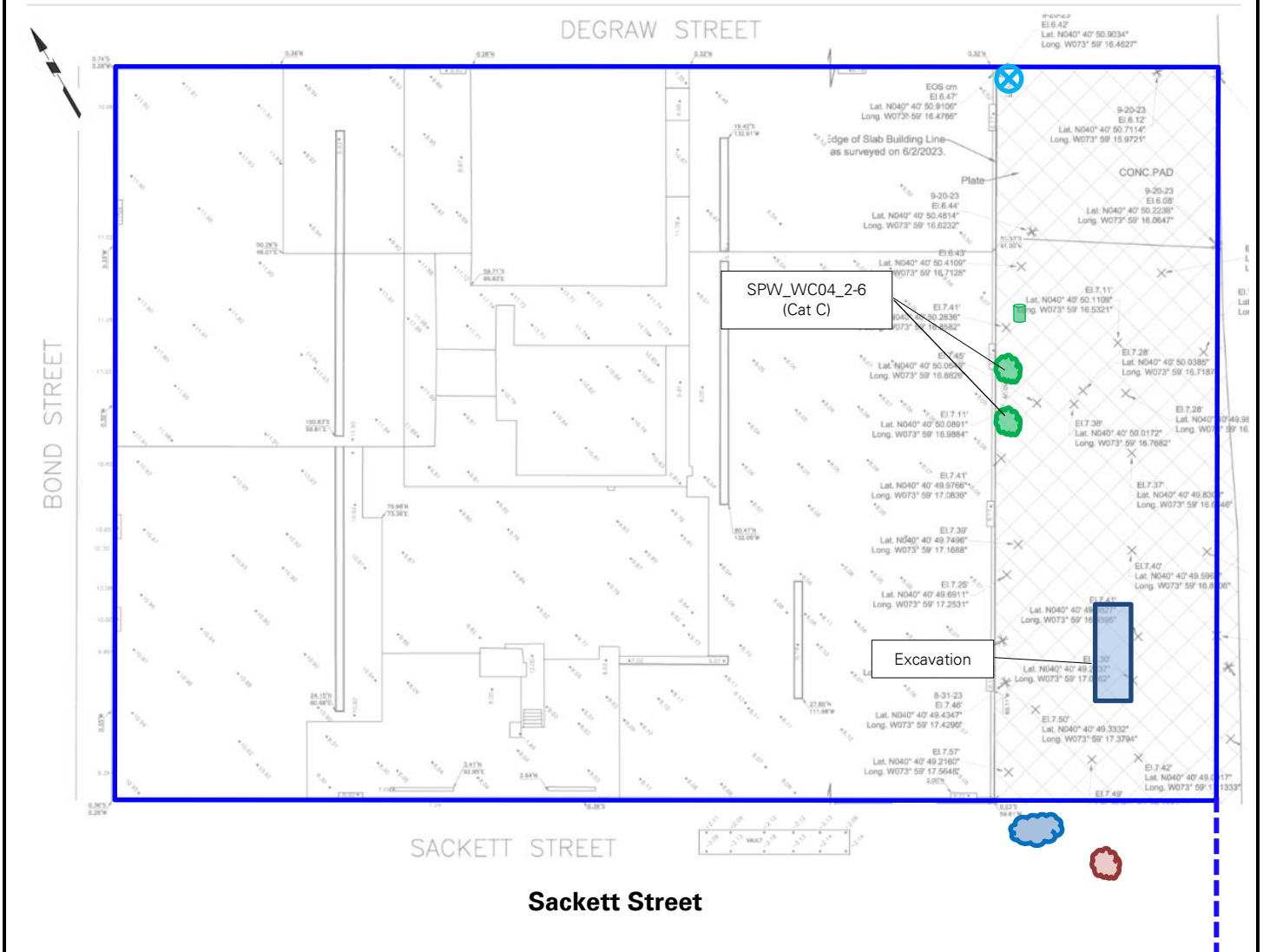
1. Base map adapted from 13 December 2023 Final Engineering Report, Figure 2 – Site Plan.
2. This Site Map is provided for context only; refer to the Northern (Society Brooklyn) and Southern (Sackett Place) Work Area Maps on the following pages for work and air monitoring location(s).

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

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

Site Map 2: Northern Work Area Map (Society Brooklyn)

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



Legend:

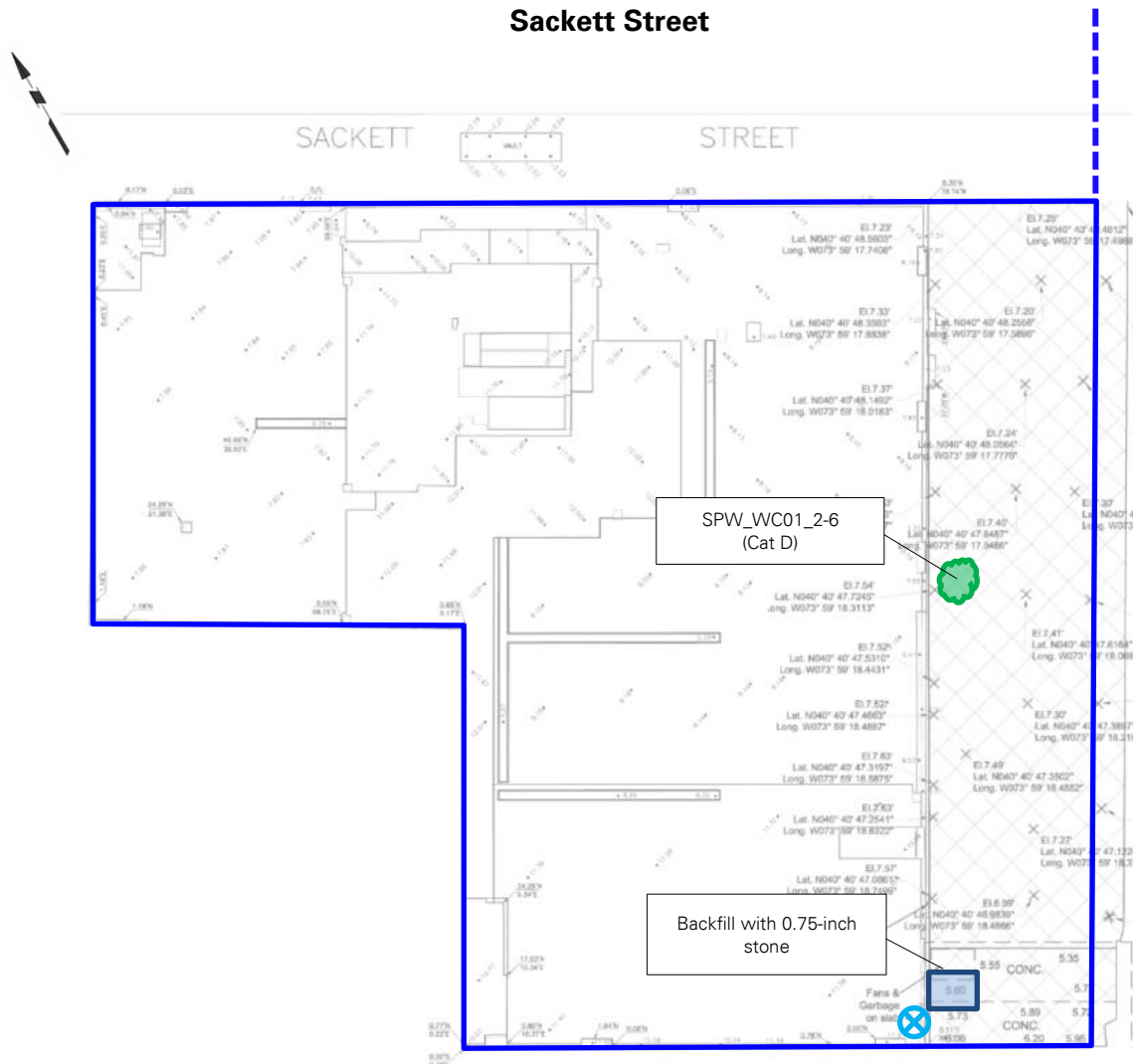
- Approximate BCP site boundary
- Approximate construction fence boundary
- Approximate work area
- Approximate 3/4-inch clean stone stockpile location
- Approximate location of air monitoring station
- Approximate location of containerized groundwater
- Approximate soil/fill stockpile location
- Approximate C&D debris stockpile location

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

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

Site Map 3: Southern Work Area Map (Sackett Place)

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



Legend:

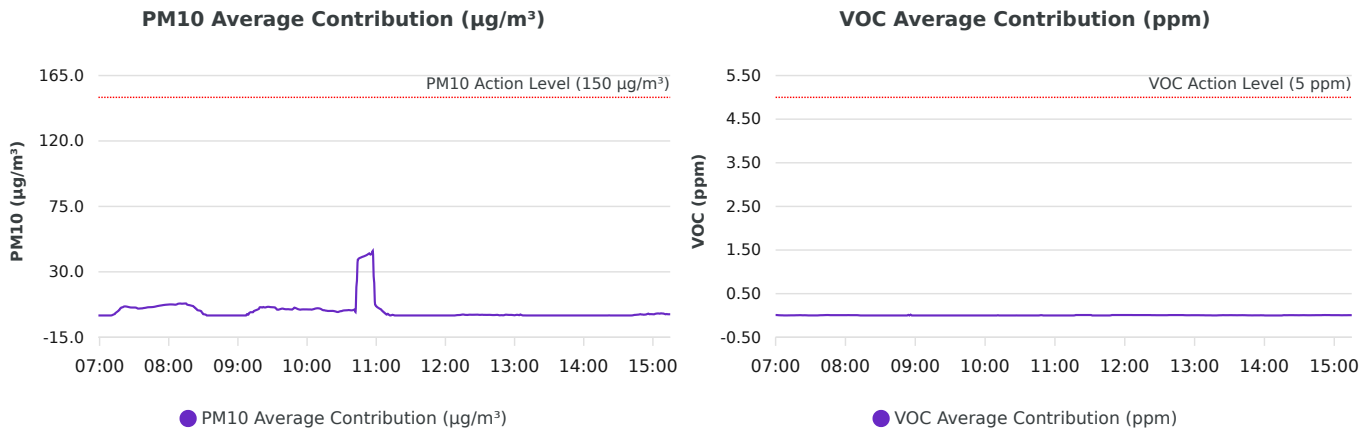
- Approximate BCP site boundary
- Approximate construction fence boundary
- Approximate work area
- ☒ Approximate location of air monitoring station
- ☒ Approximate soil/fill stockpile location
- ☒ Approximate C&D debris stockpile location
- ☒ Approximate 3/4-inch clean stone stockpile location

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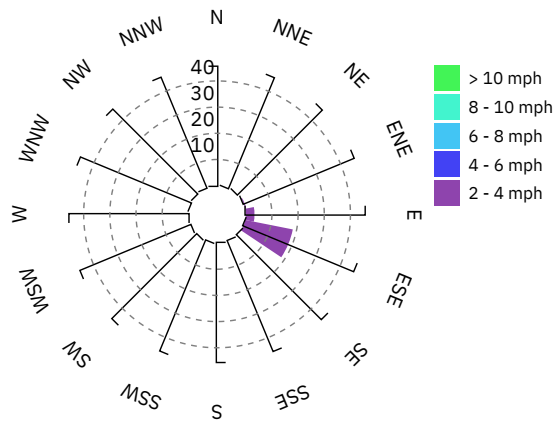
LANGAN Air Monitoring Report	170295301 - 267 Bond Street	
	Report Period	
	From:	8/19/2024 06:00
	To:	8/19/2024 18:00
	PM10 Action Level:	150.0 $\mu\text{g}/\text{m}^3$
	VOC Action Level:	5.00 ppm

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
8/19/2024	0.1-3.9	E

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/19/2024	0.0	06:59	0.00	08:13
Max Contribution (15 min avg.) - 8/19/2024	44.4	10:57	0.02	08:56



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
8/19/2024 06:53:00							0.3	E
8/19/2024 06:54:00							0.3	ENE
8/19/2024 06:55:00							0.3	ESE
8/19/2024 06:56:00							0.4	ESE
8/19/2024 06:57:00							0.5	ESE
8/19/2024 06:58:00							0.5	E
8/19/2024 06:59:00	15.7	9.1	0.0				0.5	E
8/19/2024 07:00:00	15.1	10.1	0.0	0.00	0.01	0.01	0.5	ESE
8/19/2024 07:01:00	14.3	9.9	0.0	0.00	0.01	0.01	0.5	E
8/19/2024 07:02:00	13.7	9.6	0.0	0.00	0.01	0.01	0.5	ENE
8/19/2024 07:03:00	13.4	9.4	0.0	0.01	0.01	0.01	0.5	N
8/19/2024 07:04:00	13.2	9.4	0.0	0.01	0.01	0.00	0.4	NW
8/19/2024 07:05:00	12.6	9.8	0.0	0.01	0.01	0.00	0.4	S
8/19/2024 07:06:00	12.6	9.7	0.0	0.01	0.01	0.00	0.3	NNW
8/19/2024 07:07:00	11.9	9.7	0.0	0.01	0.01	0.00	0.3	E
8/19/2024 07:08:00	11.3	9.8	0.0	0.01	0.01	0.00	0.3	E
8/19/2024 07:09:00	10.8	9.9	0.0	0.01	0.01	0.00	0.3	ESE
8/19/2024 07:10:00	10.3	10.1	0.0	0.01	0.01	0.00	0.3	ESE
8/19/2024 07:11:00	9.8	10.1	0.2	0.01	0.01	0.00	0.3	ESE
8/19/2024 07:12:00	9.4	10.1	0.6	0.01	0.01	0.00	0.3	ESE
8/19/2024 07:13:00	9.1	10.0	1.0	0.01	0.01	0.00	0.4	E
8/19/2024 07:14:00	8.3	10.1	1.8	0.01	0.01	0.00	0.4	ESE
8/19/2024 07:15:00	7.6	10.0	2.4	0.01	0.01	0.00	0.4	ESE
8/19/2024 07:16:00	7.0	10.0	3.0	0.01	0.01	0.00	0.4	E
8/19/2024 07:17:00	6.5	10.2	3.8	0.01	0.01	0.00	0.4	E
8/19/2024 07:18:00	5.9	10.7	4.8	0.01	0.01	0.01	0.4	ESE
8/19/2024 07:19:00	5.3	10.8	5.5	0.01	0.01	0.01	0.5	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
8/19/2024 07:20:00	5.0	10.6	5.6	0.00	0.01	0.01	0.5	ESE
8/19/2024 07:21:00	4.5	10.6	6.1	0.00	0.01	0.01	0.6	E
8/19/2024 07:22:00	4.4	10.6	6.2	0.00	0.01	0.01	0.6	ESE
8/19/2024 07:23:00	4.3	10.5	6.2	0.01	0.01	0.00	0.6	ESE
8/19/2024 07:24:00	4.3	10.4	6.0	0.01	0.01	0.00	0.6	ESE
8/19/2024 07:25:00	4.4	10.2	5.8	0.01	0.01	0.01	0.6	ESE
8/19/2024 07:26:00	4.4	10.0	5.6	0.01	0.01	0.00	0.6	ESE
8/19/2024 07:27:00	4.4	9.9	5.5	0.01	0.01	0.00	0.6	E
8/19/2024 07:28:00	4.4	9.9	5.5	0.01	0.01	0.00	0.6	ESE
8/19/2024 07:29:00	4.4	9.8	5.5	0.01	0.01	0.00	0.6	ESE
8/19/2024 07:30:00	4.4	9.8	5.5	0.01	0.01	0.00	0.6	E
8/19/2024 07:31:00	4.3	9.8	5.4	0.01	0.01	0.00	0.6	E
8/19/2024 07:32:00	4.3	9.6	5.3	0.01	0.01	0.00	0.6	E
8/19/2024 07:33:00	4.4	9.2	4.8	0.01	0.01	0.00	0.7	ESE
8/19/2024 07:34:00	4.4	9.1	4.7	0.01	0.01	0.00	0.7	E
8/19/2024 07:35:00	4.4	9.2	4.8	0.01	0.01	0.00	0.7	E
8/19/2024 07:36:00	4.3	9.2	4.8	0.01	0.01	0.00	0.7	E
8/19/2024 07:37:00	4.3	9.1	4.9	0.01	0.01	0.00	0.8	ESE
8/19/2024 07:38:00	4.1	9.2	5.1	0.01	0.01	0.01	0.8	ESE
8/19/2024 07:39:00	4.0	9.2	5.2	0.00	0.01	0.01	0.9	E
8/19/2024 07:40:00	4.0	9.3	5.3	0.00	0.01	0.01	0.9	E
8/19/2024 07:41:00	3.9	9.4	5.5	0.00	0.01	0.01	0.9	ESE
8/19/2024 07:42:00	3.8	9.5	5.6	0.00	0.01	0.01	0.9	E
8/19/2024 07:43:00	3.8	9.5	5.7	0.00	0.01	0.01	0.9	E
8/19/2024 07:44:00	3.9	9.6	5.7	0.00	0.01	0.01	0.9	E
8/19/2024 07:45:00	3.8	9.6	5.7	0.00	0.01	0.01	0.9	E
8/19/2024 07:46:00	3.8	9.6	5.8	0.00	0.01	0.01	0.9	E
8/19/2024 07:47:00	3.8	9.7	5.9	0.00	0.01	0.01	0.9	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
8/19/2024 07:48:00	3.8	9.8	6.0	0.00	0.01	0.01	0.9	E
8/19/2024 07:49:00	3.8	10.0	6.2	0.00	0.01	0.01	0.9	E
8/19/2024 07:50:00	3.7	10.1	6.4	0.00	0.01	0.01	0.9	E
8/19/2024 07:51:00	3.6	10.2	6.6	0.00	0.01	0.01	0.9	E
8/19/2024 07:52:00	3.6	10.3	6.7	0.00	0.01	0.01	0.9	E
8/19/2024 07:53:00	3.6	10.4	6.8	0.00	0.01	0.01	0.9	E
8/19/2024 07:54:00	3.6	10.6	7.0	0.00	0.01	0.01	0.9	E
8/19/2024 07:55:00	3.5	10.6	7.1	0.00	0.01	0.01	0.9	E
8/19/2024 07:56:00	3.5	10.7	7.2	0.00	0.01	0.01	0.9	E
8/19/2024 07:57:00	3.4	10.8	7.3	0.00	0.01	0.01	0.9	ESE
8/19/2024 07:58:00	3.4	10.8	7.4	0.00	0.01	0.01	0.9	ESE
8/19/2024 07:59:00	3.3	10.8	7.5	0.00	0.01	0.01	1.0	ESE
8/19/2024 08:00:00	3.3	10.8	7.5	0.00	0.01	0.01	1.0	ESE
8/19/2024 08:01:00	3.2	10.8	7.6	0.00	0.01	0.01	1.1	E
8/19/2024 08:02:00	3.2	10.8	7.6	0.00	0.01	0.01	1.0	E
8/19/2024 08:03:00	3.1	10.7	7.6	0.00	0.01	0.01	1.0	E
8/19/2024 08:04:00	3.0	10.6	7.5	0.00	0.01	0.01	1.0	ESE
8/19/2024 08:05:00	3.0	10.4	7.4	0.00	0.01	0.01	1.0	ESE
8/19/2024 08:06:00	3.0	10.4	7.4	0.00	0.01	0.01	1.0	ESE
8/19/2024 08:07:00	2.9	10.6	7.6	0.00	0.01	0.01	1.0	ESE
8/19/2024 08:08:00	2.9	10.9	8.0	0.00	0.01	0.01	1.0	ESE
8/19/2024 08:09:00	2.8	11.0	8.2	0.00	0.01	0.01	1.1	E
8/19/2024 08:10:00	2.8	11.1	8.2	0.00	0.01	0.01	1.1	E
8/19/2024 08:11:00	3.0	11.1	8.1	0.01	0.01	0.01	1.1	E
8/19/2024 08:12:00	3.0	11.1	8.1	0.01	0.01	0.00	1.2	ESE
8/19/2024 08:13:00	3.1	11.2	8.2	0.01	0.01	0.00	1.2	ESE
8/19/2024 08:14:00	3.1	11.3	8.2	0.01	0.01	0.00	1.2	E
8/19/2024 08:15:00	3.2	11.4	8.2	0.01	0.01	0.00	1.2	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
8/19/2024 08:16:00	4.0	11.5	7.5	0.01	0.01	0.00	1.2	E
8/19/2024 08:17:00	4.4	11.6	7.2	0.01	0.01	0.00	1.2	E
8/19/2024 08:18:00	4.5	11.6	7.1	0.01	0.01	0.00	1.2	ESE
8/19/2024 08:19:00	4.8	11.7	6.9	0.01	0.01	0.00	1.1	E
8/19/2024 08:20:00	5.1	11.8	6.7	0.01	0.01	0.00	1.1	E
8/19/2024 08:21:00	5.3	11.8	6.5	0.01	0.01	0.00	1.1	ENE
8/19/2024 08:22:00	5.7	11.5	5.8	0.01	0.01	0.00	1.0	E
8/19/2024 08:23:00	5.9	11.0	5.1	0.01	0.01	0.00	1.0	E
8/19/2024 08:24:00	6.4	10.8	4.4	0.02	0.01	0.00	0.9	ESE
8/19/2024 08:25:00	7.2	10.8	3.6	0.04	0.01	0.00	1.0	ESE
8/19/2024 08:26:00	7.3	10.7	3.5	0.08	0.01	0.00	0.9	ESE
8/19/2024 08:27:00	7.4	10.7	3.3	0.10	0.01	0.00	0.9	ESE
8/19/2024 08:28:00	7.7	10.7	3.0	0.10	0.01	0.00	0.9	E
8/19/2024 08:29:00	8.8	10.7	1.9	0.11	0.01	0.00	0.9	E
8/19/2024 08:30:00	9.7	10.6	0.9	0.13	0.01	0.00	0.9	E
8/19/2024 08:31:00	9.9	10.7	0.8	0.17	0.01	0.00	0.9	E
8/19/2024 08:32:00	10.1	10.7	0.6	0.21	0.01	0.00	0.9	E
8/19/2024 08:33:00	10.5	10.4	0.0	0.21	0.04	0.00	0.8	WNW
8/19/2024 08:34:00	10.9	10.3	0.0	0.21	0.04	0.00	0.7	SSE
8/19/2024 08:35:00	11.2	10.4	0.0	0.23	0.04	0.00	0.8	E
8/19/2024 08:36:00	11.5	10.5	0.0	0.26	0.04	0.00	0.8	ESE
8/19/2024 08:37:00	11.5	10.7	0.0	0.27	0.04	0.00	0.8	E
8/19/2024 08:38:00	11.9	10.8	0.0	0.28	0.04	0.00	0.8	ESE
8/19/2024 08:39:00	11.8	11.0	0.0	0.28	0.04	0.00	0.8	E
8/19/2024 08:40:00	11.8	11.2	0.0	0.25	0.04	0.00	0.8	ESE
8/19/2024 08:41:00	13.8	11.3	0.0	0.21	0.04	0.00	0.7	E
8/19/2024 08:42:00	15.0	11.3	0.0	0.19	0.04	0.00	0.7	E
8/19/2024 08:43:00	15.5	11.5	0.0	0.19	0.04	0.00	0.7	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
8/19/2024 08:44:00	15.2	11.7	0.0	0.18	0.04	0.00	0.6	E
8/19/2024 08:45:00	14.7	11.8	0.0	0.16	0.04	0.00	0.6	E
8/19/2024 08:46:00	14.0	11.8	0.0	0.12	0.04	0.00	0.7	ESE
8/19/2024 08:47:00	14.4	11.8	0.0	0.07	0.04	0.00	0.7	E
8/19/2024 08:48:00	14.9	12.1	0.0	0.07	0.01	0.00	0.8	ESE
8/19/2024 08:49:00	15.0	12.2	0.0	0.08	0.01	0.00	0.8	E
8/19/2024 08:50:00	15.0	12.2	0.0	0.06	0.01	0.00	0.9	E
8/19/2024 08:51:00	16.0	12.2	0.0	0.04	0.01	0.00	0.8	NE
8/19/2024 08:52:00	16.4	12.2	0.0	0.03	0.01	0.00	0.8	NNW
8/19/2024 08:53:00	17.1	12.2	0.0	0.07	0.01	0.00	0.7	NE
8/19/2024 08:54:00	17.4	12.9	0.0	0.06	0.08	0.01	0.6	W
8/19/2024 08:55:00	18.4	12.9	0.0	0.14	0.08	0.00	0.6	E
8/19/2024 08:56:00	17.0	13.2	0.0	0.14	0.16	0.02	0.5	WNW
8/19/2024 08:57:00	15.9	13.3	0.0	0.18	0.16	0.00	0.4	NE
8/19/2024 08:58:00	15.3	13.3	0.0	0.18	0.16	0.00	0.4	ENE
8/19/2024 08:59:00	15.2	12.9	0.0	0.18	0.16	0.00	0.3	WNW
8/19/2024 09:00:00	15.1	12.9	0.0	0.18	0.16	0.00	0.3	NE
8/19/2024 09:01:00	15.3	13.0	0.0	0.19	0.16	0.00	0.3	E
8/19/2024 09:02:00	14.9	13.1	0.0	0.20	0.16	0.00	0.3	E
8/19/2024 09:03:00	14.6	13.3	0.0	0.21	0.16	0.00	0.3	E
8/19/2024 09:04:00	15.3	13.5	0.0	0.23	0.16	0.00	0.2	ESE
8/19/2024 09:05:00	15.2	13.7	0.0	0.24	0.16	0.00	0.2	ENE
8/19/2024 09:06:00	14.4	14.3	0.0	0.23	0.18	0.00	0.2	W
8/19/2024 09:07:00	14.6	14.4	0.0	0.24	0.18	0.00	0.2	E
8/19/2024 09:08:00	13.6	14.5	0.9	0.23	0.18	0.00	0.2	ENE
8/19/2024 09:09:00	13.3	13.9	0.6	0.25	0.11	0.00	0.3	NNW
8/19/2024 09:10:00	12.1	13.9	1.8	0.20	0.11	0.00	0.3	E
8/19/2024 09:11:00	11.5	13.7	2.2	0.22	0.03	0.00	0.3	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
8/19/2024 09:12:00	11.5	13.7	2.2	0.19	0.03	0.00	0.4	ENE
8/19/2024 09:13:00	11.5	13.8	2.2	0.19	0.03	0.00	0.4	E
8/19/2024 09:14:00	11.1	14.2	3.1	0.19	0.03	0.00	0.5	E
8/19/2024 09:15:00	10.8	14.2	3.4	0.19	0.03	0.00	0.5	ENE
8/19/2024 09:16:00	10.5	14.2	3.7	0.19	0.03	0.00	0.5	N
8/19/2024 09:17:00	10.2	14.2	4.0	0.17	0.03	0.00	0.5	E
8/19/2024 09:18:00	9.7	14.2	4.5	0.16	0.03	0.00	0.5	ESE
8/19/2024 09:19:00	8.5	14.1	5.6	0.14	0.03	0.00	0.6	E
8/19/2024 09:20:00	8.3	14.0	5.7	0.13	0.03	0.00	0.6	E
8/19/2024 09:21:00	8.0	13.5	5.5	0.15	0.01	0.00	0.7	NNE
8/19/2024 09:22:00	7.5	13.3	5.8	0.15	0.01	0.00	0.7	E
8/19/2024 09:23:00	7.7	13.3	5.5	0.16	0.01	0.00	0.7	ENE
8/19/2024 09:24:00	7.6	13.2	5.5	0.16	0.01	0.00	0.8	E
8/19/2024 09:25:00	7.3	13.1	5.8	0.15	0.01	0.00	0.8	ESE
8/19/2024 09:26:00	7.0	13.0	6.0	0.12	0.01	0.00	0.9	E
8/19/2024 09:27:00	7.0	12.9	5.9	0.11	0.01	0.00	0.9	ENE
8/19/2024 09:28:00	7.1	12.8	5.8	0.11	0.01	0.00	0.9	ESE
8/19/2024 09:29:00	7.0	12.7	5.7	0.11	0.01	0.00	0.9	ESE
8/19/2024 09:30:00	7.0	12.6	5.7	0.11	0.01	0.00	1.0	E
8/19/2024 09:31:00	6.9	12.5	5.6	0.11	0.01	0.00	1.1	E
8/19/2024 09:32:00	6.9	12.4	5.5	0.12	0.01	0.00	1.2	ESE
8/19/2024 09:33:00	7.5	12.3	4.9	0.14	0.01	0.00	1.2	ESE
8/19/2024 09:34:00	8.2	12.2	4.0	0.21	0.01	0.00	1.2	ESE
8/19/2024 09:35:00	8.1	12.1	4.0	0.32	0.01	0.00	1.3	ESE
8/19/2024 09:36:00	7.8	12.0	4.2	0.36	0.01	0.00	1.3	E
8/19/2024 09:37:00	7.5	11.9	4.4	0.34	0.01	0.00	1.4	E
8/19/2024 09:38:00	7.1	11.8	4.7	0.31	0.01	0.00	1.5	E
8/19/2024 09:39:00	6.9	11.6	4.7	0.29	0.01	0.00	1.5	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
8/19/2024 09:40:00	7.0	11.4	4.5	0.28	0.01	0.00	1.5	ESE
8/19/2024 09:41:00	7.0	11.3	4.3	0.27	0.01	0.00	1.5	E
8/19/2024 09:42:00	7.0	11.2	4.3	0.28	0.01	0.00	1.6	ESE
8/19/2024 09:43:00	6.8	11.2	4.3	0.28	0.01	0.00	1.6	ESE
8/19/2024 09:44:00	6.7	11.0	4.3	0.28	0.01	0.00	1.7	E
8/19/2024 09:45:00	6.7	10.8	4.2	0.29	0.01	0.00	1.7	E
8/19/2024 09:46:00	6.6	10.7	4.1	0.29	0.01	0.00	1.7	ESE
8/19/2024 09:47:00	6.5	10.6	4.1	0.28	0.01	0.00	1.7	E
8/19/2024 09:48:00	5.7	10.4	4.6	0.26	0.01	0.00	1.6	NNE
8/19/2024 09:49:00	4.8	10.2	5.4	0.19	0.01	0.00	1.5	E
8/19/2024 09:50:00	5.0	10.1	5.1	0.07	0.01	0.00	1.4	E
8/19/2024 09:51:00	5.2	10.0	4.8	0.03	0.01	0.00	1.4	ESE
8/19/2024 09:52:00	5.5	9.9	4.4	0.05	0.01	0.00	1.4	E
8/19/2024 09:53:00	5.7	9.9	4.2	0.08	0.01	0.00	1.4	E
8/19/2024 09:54:00	5.9	9.9	4.0	0.10	0.01	0.00	1.5	ESE
8/19/2024 09:55:00	5.9	10.0	4.1	0.12	0.01	0.00	1.5	E
8/19/2024 09:56:00	5.8	9.9	4.2	0.13	0.01	0.00	1.6	ESE
8/19/2024 09:57:00	5.7	9.9	4.2	0.13	0.01	0.00	1.7	ESE
8/19/2024 09:58:00	5.7	9.9	4.2	0.13	0.01	0.00	1.7	ESE
8/19/2024 09:59:00	5.7	9.9	4.2	0.12	0.01	0.00	1.8	ESE
8/19/2024 10:00:00	5.7	9.9	4.2	0.12	0.01	0.00	1.8	E
8/19/2024 10:01:00	5.7	9.8	4.1	0.12	0.01	0.00	1.9	ESE
8/19/2024 10:02:00	5.7	9.8	4.1	0.12	0.01	0.00	2.0	ESE
8/19/2024 10:03:00	5.8	9.9	4.1	0.12	0.01	0.00	2.1	E
8/19/2024 10:04:00	5.9	9.9	4.0	0.12	0.01	0.00	2.3	ESE
8/19/2024 10:05:00	5.7	9.9	4.2	0.12	0.01	0.00	2.4	ESE
8/19/2024 10:06:00	5.4	9.9	4.4	0.11	0.01	0.00	2.5	E
8/19/2024 10:07:00	5.1	9.8	4.7	0.08	0.01	0.00	2.5	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
8/19/2024 10:08:00	4.7	9.6	4.9	0.06	0.01	0.00	2.5	E
8/19/2024 10:09:00	4.4	9.4	5.0	0.03	0.01	0.00	2.5	E
8/19/2024 10:10:00	4.3	9.2	4.9	0.01	0.01	0.00	2.4	ENE
8/19/2024 10:11:00	4.2	9.0	4.8	0.01	0.01	0.01	2.2	NE
8/19/2024 10:12:00	4.4	8.8	4.5	0.01	0.01	0.00	2.1	ESE
8/19/2024 10:13:00	4.8	8.7	4.0	0.01	0.01	0.00	2.0	E
8/19/2024 10:14:00	5.0	8.7	3.6	0.01	0.01	0.00	1.8	W
8/19/2024 10:15:00	4.9	8.5	3.6	0.02	0.01	0.00	1.6	N
8/19/2024 10:16:00	4.9	8.3	3.4	0.02	0.01	0.00	1.5	NE
8/19/2024 10:17:00	4.8	8.1	3.3	0.02	0.01	0.00	1.4	ESE
8/19/2024 10:18:00	4.8	7.9	3.1	0.02	0.01	0.00	1.3	E
8/19/2024 10:19:00	4.5	7.6	3.1	0.03	0.01	0.00	1.1	NNE
8/19/2024 10:20:00	4.3	7.4	3.1	0.03	0.01	0.00	1.0	ENE
8/19/2024 10:21:00	4.1	7.2	3.1	0.03	0.01	0.00	0.9	E
8/19/2024 10:22:00	3.9	7.0	3.1	0.03	0.01	0.00	0.9	ENE
8/19/2024 10:23:00	3.8	6.9	3.1	0.03	0.01	0.00	0.8	ENE
8/19/2024 10:24:00	3.9	6.8	2.9	0.03	0.01	0.00	0.7	ENE
8/19/2024 10:25:00	4.0	6.7	2.7	0.03	0.01	0.00	0.7	NNW
8/19/2024 10:26:00	4.1	6.5	2.4	0.04	0.01	0.00	0.7	NNE
8/19/2024 10:27:00	4.0	6.4	2.4	0.03	0.03	0.00	0.6	W
8/19/2024 10:28:00	3.5	6.2	2.7	0.05	0.03	0.00	0.5	E
8/19/2024 10:29:00	3.0	6.0	2.9	0.07	0.03	0.00	0.6	E
8/19/2024 10:30:00	2.9	5.9	3.0	0.07	0.03	0.00	0.7	ESE
8/19/2024 10:31:00	2.6	5.9	3.3	0.07	0.03	0.00	0.8	E
8/19/2024 10:32:00	2.5	5.9	3.5	0.07	0.03	0.00	0.7	E
8/19/2024 10:33:00	2.4	5.9	3.5	0.07	0.03	0.00	0.8	ESE
8/19/2024 10:34:00	2.4	6.0	3.6	0.07	0.03	0.00	0.8	E
8/19/2024 10:35:00	2.4	6.0	3.6	0.08	0.03	0.00	0.9	E

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
8/19/2024 10:36:00	2.3	6.0	3.7	0.08	0.03	0.00	0.8	E
8/19/2024 10:37:00	2.3	6.0	3.6	0.08	0.03	0.00	0.8	E
8/19/2024 10:38:00	2.4	5.9	3.5	0.08	0.03	0.00	0.8	NE
8/19/2024 10:39:00	2.3	5.9	3.5	0.08	0.03	0.00	0.8	E
8/19/2024 10:40:00	2.1	5.8	3.7	0.08	0.03	0.00	0.9	E
8/19/2024 10:41:00	1.8	5.8	4.0	0.07	0.03	0.00	0.9	E
8/19/2024 10:42:00	3.2	5.5	2.4	0.07	0.01	0.00	0.9	W
8/19/2024 10:43:00	3.0	24.9	21.9	0.05	0.01	0.00	1.0	E
8/19/2024 10:44:00	3.0	41.3	38.3	0.03	0.02	0.00	1.0	E
8/19/2024 10:45:00	3.1	42.3	39.2	0.02	0.02	0.00	0.9	E
8/19/2024 10:46:00	3.2	42.9	39.6	0.02	0.02	0.00	0.9	E
8/19/2024 10:47:00	3.3	43.2	40.0	0.02	0.02	0.00	0.9	ESE
8/19/2024 10:48:00	3.3	43.6	40.3	0.02	0.02	0.01	1.0	ESE
8/19/2024 10:49:00	3.5	44.1	40.6	0.02	0.02	0.01	1.0	ESE
8/19/2024 10:50:00	3.6	44.5	40.9	0.03	0.02	0.00	1.0	ESE
8/19/2024 10:51:00	3.7	44.9	41.3	0.03	0.02	0.00	1.1	ESE
8/19/2024 10:52:00	3.6	45.3	41.7	0.03	0.02	0.00	1.2	E
8/19/2024 10:53:00	3.5	45.7	42.2	0.03	0.02	0.00	1.2	E
8/19/2024 10:54:00	3.4	46.1	42.7	0.03	0.02	0.00	1.2	E
8/19/2024 10:55:00	4.1	46.0	41.9	0.03	0.02	0.00	1.1	WNW
8/19/2024 10:56:00	4.2	46.4	42.2	0.03	0.02	0.00	1.0	NNW
8/19/2024 10:57:00	2.7	47.1	44.4	0.03	0.02	0.00	1.0	N
8/19/2024 10:58:00	3.4	27.9	24.5	0.03	0.02	0.00	0.9	NW
8/19/2024 10:59:00	4.1	11.5	7.5	0.03	0.02	0.00	0.9	E
8/19/2024 11:00:00	4.3	10.6	6.3	0.04	0.01	0.00	1.0	E
8/19/2024 11:01:00	4.5	10.2	5.7	0.04	0.01	0.00	1.0	E
8/19/2024 11:02:00	4.7	9.9	5.1	0.05	0.01	0.00	1.1	ESE
8/19/2024 11:03:00	4.9	9.5	4.7	0.06	0.01	0.00	1.1	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
8/19/2024 11:04:00	5.0	9.2	4.2	0.05	0.01	0.00	1.1	E
8/19/2024 11:05:00	5.4	8.8	3.3	0.04	0.01	0.00	1.1	ESE
8/19/2024 11:06:00	5.7	8.3	2.6	0.03	0.01	0.00	1.1	ESE
8/19/2024 11:07:00	6.0	8.0	1.9	0.03	0.01	0.00	1.1	ESE
8/19/2024 11:08:00	6.4	7.6	1.3	0.03	0.01	0.00	1.2	ESE
8/19/2024 11:09:00	6.6	7.2	0.6	0.03	0.01	0.00	1.3	E
8/19/2024 11:10:00	6.3	7.4	1.1	0.03	0.01	0.00	1.5	ESE
8/19/2024 11:11:00	6.6	7.1	0.5	0.03	0.01	0.00	1.7	ESE
8/19/2024 11:12:00	6.8	6.7	0.0	0.03	0.01	0.00	1.9	ESE
8/19/2024 11:13:00	6.5	6.7	0.1	0.03	0.01	0.00	2.0	ESE
8/19/2024 11:14:00	6.2	6.6	0.4	0.03	0.01	0.00	2.2	E
8/19/2024 11:15:00	6.3	6.5	0.3	0.02	0.01	0.00	2.2	E
8/19/2024 11:16:00	6.5	6.4	0.0	0.01	0.01	0.00	2.1	E
8/19/2024 11:17:00	6.5	6.3	0.0	0.01	0.01	0.00	2.1	ESE
8/19/2024 11:18:00	6.6	6.2	0.0	0.00	0.01	0.01	2.0	E
8/19/2024 11:19:00	6.6	6.2	0.0	0.00	0.01	0.01	1.9	ESE
8/19/2024 11:20:00	6.4	6.3	0.0	0.00	0.01	0.01	1.9	E
8/19/2024 11:21:00	6.5	6.3	0.0	0.00	0.01	0.01	1.9	ESE
8/19/2024 11:22:00	6.5	6.4	0.0	0.00	0.01	0.01	1.9	ESE
8/19/2024 11:23:00	6.6	6.5	0.0	0.00	0.01	0.01	1.9	ESE
8/19/2024 11:24:00	6.8	6.5	0.0	0.00	0.01	0.01	1.9	ESE
8/19/2024 11:25:00	6.9	6.6	0.0	0.00	0.01	0.01	1.9	E
8/19/2024 11:26:00	7.1	6.6	0.0	0.00	0.01	0.01	1.8	E
8/19/2024 11:27:00	7.2	6.7	0.0	0.00	0.01	0.01	1.7	ENE
8/19/2024 11:28:00	7.3	6.8	0.0	0.00	0.01	0.01	1.6	ENE
8/19/2024 11:29:00	7.4	6.9	0.0	0.00	0.01	0.01	1.5	E
8/19/2024 11:30:00	7.5	7.0	0.0	0.00	0.01	0.01	1.5	ESE
8/19/2024 11:31:00	7.4	7.1	0.0	0.00	0.01	0.01	1.5	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
8/19/2024 11:32:00	7.7	7.2	0.0	0.02	0.01	0.00	1.5	ESE
8/19/2024 11:33:00	7.8	7.2	0.0	0.04	0.01	0.00	1.5	ESE
8/19/2024 11:34:00	8.1	7.2	0.0	0.05	0.01	0.00	1.6	ESE
8/19/2024 11:35:00	8.2	7.3	0.0	0.05	0.01	0.00	1.7	ESE
8/19/2024 11:36:00	8.2	7.3	0.0	0.05	0.01	0.00	1.7	ESE
8/19/2024 11:37:00	8.3	7.2	0.0	0.05	0.01	0.00	1.7	ESE
8/19/2024 11:38:00	8.3	7.2	0.0	0.05	0.01	0.00	1.7	ESE
8/19/2024 11:39:00	8.2	7.2	0.0	0.05	0.01	0.00	1.7	ESE
8/19/2024 11:40:00	8.1	7.3	0.0	0.05	0.01	0.00	1.7	ESE
8/19/2024 11:41:00	7.9	7.2	0.0	0.05	0.01	0.00	1.7	E
8/19/2024 11:42:00	7.9	7.2	0.0	0.05	0.01	0.00	1.8	E
8/19/2024 11:43:00	7.8	7.2	0.0	0.05	0.01	0.00	1.9	ESE
8/19/2024 11:44:00	7.8	7.1	0.0	0.05	0.01	0.00	2.0	ESE
8/19/2024 11:45:00	8.0	6.9	0.0	0.05	0.01	0.00	2.1	ESE
8/19/2024 11:46:00	8.0	6.8	0.0	0.05	0.01	0.00	2.1	ESE
8/19/2024 11:47:00	7.7	6.7	0.0	0.03	0.01	0.00	2.1	E
8/19/2024 11:48:00	7.8	6.7	0.0	0.01	0.01	0.00	2.1	ESE
8/19/2024 11:49:00	7.6	6.6	0.0	0.00	0.01	0.01	2.2	ESE
8/19/2024 11:50:00	7.7	6.6	0.0	0.00	0.01	0.01	2.2	E
8/19/2024 11:51:00	7.7	6.6	0.0	0.00	0.01	0.01	2.3	ESE
8/19/2024 11:52:00	7.7	6.5	0.0	0.00	0.01	0.01	2.3	ESE
8/19/2024 11:53:00	7.8	6.5	0.0	0.00	0.01	0.01	2.3	ESE
8/19/2024 11:54:00	7.8	6.5	0.0	0.00	0.01	0.01	2.2	ESE
8/19/2024 11:55:00	7.9	6.5	0.0	0.00	0.01	0.01	2.2	E
8/19/2024 11:56:00	7.8	6.5	0.0	0.00	0.01	0.01	2.3	ESE
8/19/2024 11:57:00	7.8	6.5	0.0	0.00	0.01	0.01	2.3	ESE
8/19/2024 11:58:00	7.9	6.6	0.0	0.00	0.01	0.01	2.3	E
8/19/2024 11:59:00	8.0	6.6	0.0	0.00	0.01	0.01	2.2	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
8/19/2024 12:00:00	7.8	6.6	0.0	0.00	0.01	0.01	2.2	E
8/19/2024 12:01:00	7.7	6.7	0.0	0.00	0.01	0.01	2.1	E
8/19/2024 12:02:00	7.7	7.0	0.0	0.00	0.01	0.01	2.1	ESE
8/19/2024 12:03:00	7.7	7.2	0.0	0.00	0.01	0.01	2.0	NNE
8/19/2024 12:04:00	7.7	7.4	0.0	0.00	0.01	0.01	2.0	ESE
8/19/2024 12:05:00	7.7	7.5	0.0	0.00	0.01	0.01	2.0	ESE
8/19/2024 12:06:00	7.7	7.5	0.0	0.00	0.01	0.01	2.0	E
8/19/2024 12:07:00	7.7	7.6	0.0	0.00	0.01	0.01	1.8	WSW
8/19/2024 12:08:00	7.7	7.7	0.0	0.00	0.01	0.01	1.7	NNE
8/19/2024 12:09:00	7.7	7.8	0.1	0.00	0.01	0.01	1.7	ESE
8/19/2024 12:10:00	7.7	7.9	0.2	0.00	0.01	0.01	1.7	E
8/19/2024 12:11:00	7.7	8.0	0.3	0.00	0.01	0.01	1.6	E
8/19/2024 12:12:00	7.8	8.1	0.3	0.00	0.01	0.01	1.5	ESE
8/19/2024 12:13:00	7.9	8.3	0.4	0.00	0.01	0.01	1.5	ESE
8/19/2024 12:14:00	7.9	8.4	0.5	0.00	0.01	0.01	1.5	ESE
8/19/2024 12:15:00	8.0	8.6	0.7	0.00	0.01	0.01	1.6	E
8/19/2024 12:16:00	8.0	8.6	0.6	0.00	0.01	0.01	1.6	E
8/19/2024 12:17:00	8.1	8.5	0.4	0.00	0.01	0.01	1.5	NE
8/19/2024 12:18:00	8.1	8.5	0.4	0.00	0.01	0.01	1.6	ENE
8/19/2024 12:19:00	8.2	8.5	0.3	0.00	0.01	0.01	1.4	ENE
8/19/2024 12:20:00	8.1	8.6	0.5	0.00	0.01	0.01	1.3	ESE
8/19/2024 12:21:00	8.1	8.7	0.5	0.00	0.01	0.01	1.3	ESE
8/19/2024 12:22:00	8.2	8.7	0.5	0.00	0.01	0.01	1.4	SE
8/19/2024 12:23:00	8.3	8.8	0.5	0.00	0.01	0.01	1.3	WSW
8/19/2024 12:24:00	8.3	8.8	0.5	0.00	0.01	0.01	1.2	ESE
8/19/2024 12:25:00	8.4	8.9	0.5	0.00	0.01	0.01	1.3	ESE
8/19/2024 12:26:00	8.5	9.0	0.5	0.00	0.01	0.01	1.3	E
8/19/2024 12:27:00	8.5	9.1	0.5	0.00	0.01	0.01	1.2	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
8/19/2024 12:28:00	8.6	9.1	0.6	0.00	0.01	0.01	1.2	E
8/19/2024 12:29:00	8.6	9.1	0.5	0.00	0.01	0.01	1.2	ENE
8/19/2024 12:30:00	8.7	9.1	0.4	0.00	0.01	0.01	1.1	E
8/19/2024 12:31:00	8.8	9.3	0.5	0.00	0.01	0.01	1.1	E
8/19/2024 12:32:00	8.9	9.4	0.5	0.00	0.01	0.01	1.0	NNW
8/19/2024 12:33:00	9.0	9.4	0.4	0.00	0.01	0.01	1.0	E
8/19/2024 12:34:00	9.1	9.5	0.4	0.00	0.01	0.01	1.0	ESE
8/19/2024 12:35:00	9.2	9.6	0.4	0.00	0.01	0.01	1.1	E
8/19/2024 12:36:00	9.3	9.7	0.4	0.00	0.01	0.01	1.0	ESE
8/19/2024 12:37:00	9.4	9.8	0.4	0.00	0.01	0.01	1.1	ESE
8/19/2024 12:38:00	9.6	10.0	0.4	0.00	0.01	0.01	1.2	ESE
8/19/2024 12:39:00	9.7	10.1	0.4	0.00	0.01	0.01	1.3	ESE
8/19/2024 12:40:00	9.8	10.1	0.3	0.00	0.01	0.01	1.1	ESE
8/19/2024 12:41:00	9.8	10.1	0.3	0.00	0.01	0.01	1.1	ESE
8/19/2024 12:42:00	9.9	10.2	0.3	0.00	0.01	0.01	1.1	WSW
8/19/2024 12:43:00	9.9	10.2	0.3	0.00	0.01	0.01	1.0	ENE
8/19/2024 12:44:00	10.0	10.4	0.4	0.00	0.01	0.01	1.1	ESE
8/19/2024 12:45:00	10.0	10.4	0.4	0.00	0.01	0.01	1.1	E
8/19/2024 12:46:00	10.1	10.4	0.3	0.00	0.01	0.01	1.1	E
8/19/2024 12:47:00	10.2	10.3	0.1	0.00	0.01	0.01	1.3	E
8/19/2024 12:48:00	10.2	10.3	0.2	0.00	0.01	0.01	1.3	E
8/19/2024 12:49:00	10.2	10.4	0.2	0.00	0.01	0.01	1.4	ESE
8/19/2024 12:50:00	10.3	10.3	0.1	0.00	0.01	0.01	1.4	ESE
8/19/2024 12:51:00	10.2	10.5	0.2	0.00	0.01	0.01	1.4	SE
8/19/2024 12:52:00	10.2	10.6	0.5	0.00	0.01	0.01	1.3	WSW
8/19/2024 12:53:00	10.2	10.7	0.5	0.00	0.01	0.01	1.1	WSW
8/19/2024 12:54:00	10.3	10.7	0.4	0.00	0.01	0.01	1.0	ENE
8/19/2024 12:55:00	10.3	10.7	0.4	0.00	0.01	0.01	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
8/19/2024 12:56:00	10.4	10.8	0.4	0.00	0.01	0.01	1.1	ENE
8/19/2024 12:57:00	10.4	10.8	0.4	0.00	0.01	0.01	1.2	E
8/19/2024 12:58:00	10.5	10.8	0.3	0.00	0.01	0.01	1.2	ENE
8/19/2024 12:59:00	10.6	10.8	0.2	0.00	0.01	0.01	1.2	E
8/19/2024 13:00:00	10.7	10.8	0.1	0.00	0.01	0.01	1.2	E
8/19/2024 13:01:00	10.7	11.0	0.3	0.00	0.01	0.01	1.2	ENE
8/19/2024 13:02:00	10.7	11.1	0.5	0.00	0.01	0.01	1.1	NW
8/19/2024 13:03:00	10.8	11.2	0.4	0.00	0.01	0.01	1.0	NNE
8/19/2024 13:04:00	10.9	11.2	0.2	0.00	0.01	0.01	0.8	NNW
8/19/2024 13:05:00	10.9	11.5	0.7	0.00	0.01	0.01	0.7	SE
8/19/2024 13:06:00	11.1	11.4	0.3	0.00	0.01	0.01	0.7	NE
8/19/2024 13:07:00	11.2	11.3	0.1	0.00	0.01	0.01	0.9	ESE
8/19/2024 13:08:00	11.2	11.2	0.0	0.01	0.01	0.01	1.2	ESE
8/19/2024 13:09:00	11.2	11.2	0.0	0.01	0.01	0.00	1.2	ESE
8/19/2024 13:10:00	11.4	11.2	0.0	0.01	0.01	0.00	1.3	ESE
8/19/2024 13:11:00	11.4	11.1	0.0	0.01	0.01	0.00	1.3	ESE
8/19/2024 13:12:00	11.4	11.0	0.0	0.01	0.01	0.00	1.3	ESE
8/19/2024 13:13:00	11.4	10.9	0.0	0.01	0.01	0.00	1.4	E
8/19/2024 13:14:00	11.4	10.8	0.0	0.01	0.01	0.00	1.4	E
8/19/2024 13:15:00	11.2	10.7	0.0	0.01	0.01	0.00	1.3	SE
8/19/2024 13:16:00	11.2	10.6	0.0	0.01	0.01	0.00	1.3	E
8/19/2024 13:17:00	11.3	10.7	0.0	0.01	0.01	0.00	1.4	E
8/19/2024 13:18:00	11.3	10.7	0.0	0.01	0.01	0.00	1.6	ESE
8/19/2024 13:19:00	11.2	10.6	0.0	0.01	0.01	0.00	1.8	ESE
8/19/2024 13:20:00	11.4	10.1	0.0	0.01	0.01	0.00	1.9	ESE
8/19/2024 13:21:00	11.8	9.9	0.0	0.01	0.01	0.00	2.0	ESE
8/19/2024 13:22:00	11.8	9.8	0.0	0.00	0.01	0.01	1.9	ESE
8/19/2024 13:23:00	11.6	9.6	0.0	0.00	0.01	0.01	1.7	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
8/19/2024 13:24:00	11.5	9.4	0.0	0.00	0.01	0.01	1.6	NNE
8/19/2024 13:25:00	11.1	9.2	0.0	0.00	0.01	0.01	1.4	N
8/19/2024 13:26:00	10.8	9.1	0.0	0.00	0.01	0.01	1.3	SW
8/19/2024 13:27:00	10.7	9.0	0.0	0.00	0.01	0.01	1.3	E
8/19/2024 13:28:00	10.6	8.9	0.0	0.00	0.01	0.01	1.3	E
8/19/2024 13:29:00	10.4	8.9	0.0	0.00	0.01	0.01	1.3	E
8/19/2024 13:30:00	10.3	8.8	0.0	0.00	0.01	0.01	1.3	E
8/19/2024 13:31:00	10.3	8.6	0.0	0.00	0.01	0.01	1.4	E
8/19/2024 13:32:00	10.1	8.3	0.0	0.00	0.01	0.01	1.2	WNW
8/19/2024 13:33:00	9.9	8.1	0.0	0.00	0.01	0.01	0.9	WNW
8/19/2024 13:34:00	9.8	8.0	0.0	0.00	0.01	0.01	0.9	E
8/19/2024 13:35:00	9.5	8.0	0.0	0.00	0.01	0.01	0.8	ESE
8/19/2024 13:36:00	8.7	7.9	0.0	0.00	0.01	0.01	0.7	S
8/19/2024 13:37:00	8.4	7.8	0.0	0.00	0.01	0.01	0.7	ESE
8/19/2024 13:38:00	8.4	7.8	0.0	0.00	0.01	0.01	0.9	ESE
8/19/2024 13:39:00	8.5	7.8	0.0	0.00	0.01	0.01	1.1	ESE
8/19/2024 13:40:00	8.5	7.8	0.0	0.00	0.01	0.01	1.3	ESE
8/19/2024 13:41:00	8.6	7.9	0.0	0.00	0.01	0.01	1.3	NE
8/19/2024 13:42:00	8.6	8.1	0.0	0.00	0.01	0.01	1.1	W
8/19/2024 13:43:00	8.6	8.2	0.0	0.00	0.01	0.01	1.1	ESE
8/19/2024 13:44:00	8.7	8.2	0.0	0.00	0.01	0.01	0.9	WNW
8/19/2024 13:45:00	9.2	8.2	0.0	0.00	0.01	0.00	0.8	NW
8/19/2024 13:46:00	9.5	8.2	0.0	0.01	0.01	0.00	0.8	ESE
8/19/2024 13:47:00	9.8	8.2	0.0	0.01	0.01	0.00	1.0	ESE
8/19/2024 13:48:00	9.7	8.2	0.0	0.01	0.01	0.00	1.1	SSE
8/19/2024 13:49:00	9.6	8.2	0.0	0.01	0.01	0.00	1.1	ESE
8/19/2024 13:50:00	9.6	8.2	0.0	0.01	0.01	0.00	1.3	ESE
8/19/2024 13:51:00	9.6	8.2	0.0	0.01	0.01	0.00	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
8/19/2024 13:52:00	9.6	8.2	0.0	0.01	0.01	0.00	1.5	ESE
8/19/2024 13:53:00	9.6	8.1	0.0	0.01	0.01	0.00	1.4	ENE
8/19/2024 13:54:00	9.5	8.1	0.0	0.01	0.01	0.00	1.1	NNE
8/19/2024 13:55:00	9.6	8.1	0.0	0.01	0.01	0.00	1.0	N
8/19/2024 13:56:00	9.7	8.2	0.0	0.01	0.01	0.00	1.0	N
8/19/2024 13:57:00	9.8	8.0	0.0	0.00	0.01	0.01	1.0	NW
8/19/2024 13:58:00	9.8	8.1	0.0	0.01	0.01	0.00	0.9	SE
8/19/2024 13:59:00	9.8	8.1	0.0	0.00	0.01	0.00	1.1	ESE
8/19/2024 14:00:00	9.4	8.2	0.0	0.01	0.01	0.00	1.4	ESE
8/19/2024 14:01:00	8.9	8.2	0.0	0.01	0.01	0.00	1.5	ESE
8/19/2024 14:02:00	8.7	8.1	0.0	0.01	0.01	0.00	1.6	ESE
8/19/2024 14:03:00	8.7	8.0	0.0	0.01	0.01	0.00	1.8	ESE
8/19/2024 14:04:00	8.6	8.0	0.0	0.01	0.01	0.00	1.8	ESE
8/19/2024 14:05:00	8.7	7.9	0.0	0.01	0.01	0.00	1.6	N
8/19/2024 14:06:00	8.6	7.9	0.0	0.01	0.01	0.00	1.3	WNW
8/19/2024 14:07:00	8.5	7.8	0.0	0.01	0.01	0.00	1.2	N
8/19/2024 14:08:00	8.5	7.8	0.0	0.01	0.01	0.00	1.2	E
8/19/2024 14:09:00	8.4	7.8	0.0	0.01	0.01	0.00	1.3	ENE
8/19/2024 14:10:00	8.3	7.7	0.0	0.01	0.01	0.00	1.2	N
8/19/2024 14:11:00	8.0	7.6	0.0	0.01	0.01	0.00	1.3	NE
8/19/2024 14:12:00	7.7	7.5	0.0	0.01	0.01	0.00	1.3	N
8/19/2024 14:13:00	7.7	7.3	0.0	0.01	0.01	0.00	1.4	NE
8/19/2024 14:14:00	7.5	7.1	0.0	0.01	0.01	0.00	1.3	N
8/19/2024 14:15:00	7.3	7.0	0.0	0.01	0.01	0.00	1.1	ESE
8/19/2024 14:16:00	7.3	6.9	0.0	0.00	0.01	0.01	0.9	W
8/19/2024 14:17:00	7.2	6.9	0.0	0.00	0.01	0.01	0.7	ESE
8/19/2024 14:18:00	7.2	6.9	0.0	0.00	0.01	0.01	0.6	W
8/19/2024 14:19:00	7.2	7.0	0.0	0.00	0.01	0.01	0.5	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
8/19/2024 14:20:00	7.1	6.9	0.0	0.00	0.01	0.01	0.6	ENE
8/19/2024 14:21:00	7.0	7.0	0.0	0.00	0.01	0.01	0.7	ENE
8/19/2024 14:22:00	7.0	7.1	0.1	0.00	0.01	0.01	0.7	NE
8/19/2024 14:23:00	7.3	7.1	0.0	0.00	0.01	0.01	0.8	ESE
8/19/2024 14:24:00	7.6	7.2	0.0	0.00	0.01	0.01	0.8	ESE
8/19/2024 14:25:00	7.6	7.2	0.0	0.00	0.01	0.01	0.9	ESE
8/19/2024 14:26:00	7.6	7.3	0.0	0.00	0.01	0.01	0.8	W
8/19/2024 14:27:00	7.6	7.3	0.0	0.00	0.01	0.01	1.0	ESE
8/19/2024 14:28:00	7.6	7.3	0.0	0.00	0.01	0.01	1.1	ESE
8/19/2024 14:29:00	7.7	7.3	0.0	0.00	0.01	0.01	1.0	W
8/19/2024 14:30:00	7.7	7.2	0.0	0.00	0.01	0.01	1.0	E
8/19/2024 14:31:00	7.6	7.3	0.0	0.00	0.01	0.01	1.3	ESE
8/19/2024 14:32:00	7.6	7.3	0.0	0.00	0.01	0.01	1.4	ESE
8/19/2024 14:33:00	7.6	7.2	0.0	0.00	0.01	0.01	1.5	ESE
8/19/2024 14:34:00	7.8	7.1	0.0	0.00	0.01	0.01	1.5	NNW
8/19/2024 14:35:00	7.7	7.2	0.0	0.00	0.01	0.01	1.5	SSE
8/19/2024 14:36:00	7.7	7.1	0.0	0.00	0.01	0.01	1.4	NW
8/19/2024 14:37:00	7.5	7.0	0.0	0.00	0.01	0.01	1.3	WNNW
8/19/2024 14:38:00	7.2	7.0	0.0	0.00	0.01	0.01	1.1	E
8/19/2024 14:39:00	7.0	6.9	0.0	0.00	0.01	0.01	1.0	E
8/19/2024 14:40:00	6.9	6.9	0.0	0.00	0.01	0.01	1.1	ESE
8/19/2024 14:41:00	6.8	6.8	0.0	0.00	0.01	0.01	1.3	ESE
8/19/2024 14:42:00	6.8	6.8	0.0	0.00	0.01	0.01	1.3	ESE
8/19/2024 14:43:00	6.8	7.0	0.2	0.00	0.01	0.01	1.3	ESE
8/19/2024 14:44:00	6.7	7.0	0.4	0.00	0.01	0.01	1.5	ESE
8/19/2024 14:45:00	6.6	7.0	0.4	0.00	0.01	0.01	1.6	ESE
8/19/2024 14:46:00	6.5	7.0	0.5	0.00	0.01	0.01	1.6	ESE
8/19/2024 14:47:00	6.4	6.9	0.6	0.00	0.01	0.01	1.6	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
8/19/2024 14:48:00	6.3	6.9	0.7	0.00	0.01	0.01	1.7	ESE
8/19/2024 14:49:00	6.0	6.9	0.9	0.00	0.01	0.01	1.9	E
8/19/2024 14:50:00	6.0	6.7	0.7	0.00	0.01	0.01	1.8	NNW
8/19/2024 14:51:00	6.0	6.7	0.7	0.00	0.01	0.01	1.9	NE
8/19/2024 14:52:00	6.1	6.7	0.5	0.00	0.01	0.01	2.0	ESE
8/19/2024 14:53:00	6.1	6.7	0.6	0.00	0.01	0.01	1.9	WNW
8/19/2024 14:54:00	6.0	6.7	0.7	0.00	0.01	0.01	1.9	E
8/19/2024 14:55:00	5.8	6.8	1.0	0.00	0.01	0.01	1.9	ESE
8/19/2024 14:56:00	5.8	7.0	1.3	0.00	0.01	0.01	1.9	ESE
8/19/2024 14:57:00	6.0	6.9	0.9	0.00	0.01	0.01	1.7	WNW
8/19/2024 14:58:00	5.9	6.8	0.9	0.00	0.01	0.01	1.5	NNW
8/19/2024 14:59:00	5.9	6.8	0.9	0.00	0.01	0.01	1.4	ESE
8/19/2024 15:00:00	5.9	6.8	0.8	0.00	0.01	0.01	1.2	NNE
8/19/2024 15:01:00	6.0	6.8	0.8	0.00	0.01	0.01	1.1	ESE
8/19/2024 15:02:00	5.8	6.9	1.1	0.00	0.01	0.01	1.1	ESE
8/19/2024 15:03:00	5.8	7.1	1.3	0.00	0.01	0.01	1.2	ESE
8/19/2024 15:04:00	5.9	7.3	1.4	0.00	0.01	0.01	1.1	ESE
8/19/2024 15:05:00	6.0	7.3	1.4	0.00	0.01	0.01	1.1	WNW
8/19/2024 15:06:00	6.1	7.3	1.2	0.00	0.01	0.01	1.0	SW
8/19/2024 15:07:00	6.0	7.5	1.5	0.00	0.01	0.01	1.1	ESE
8/19/2024 15:08:00	6.0	7.4	1.4	0.00	0.01	0.01	1.4	ESE
8/19/2024 15:09:00	6.2	7.5	1.3	0.00	0.01	0.01	1.5	ESE
8/19/2024 15:10:00	6.3	7.3	1.1	0.00	0.01	0.01	1.5	ESE
8/19/2024 15:11:00	6.3	7.1	0.8	0.00	0.01	0.01	1.5	ESE
8/19/2024 15:12:00	6.1	7.1	1.0	0.00	0.01	0.01	1.8	ESE
8/19/2024 15:13:00	6.1	6.9	0.8	0.00	0.01	0.01	2.0	E
8/19/2024 15:14:00	6.0	6.8	0.8	0.00	0.01	0.01	2.1	ESE
8/19/2024 15:15:00	6.0	6.8	0.8	0.00	0.01	0.01	2.3	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
8/19/2024 15:16:00							2.4	ESE
8/19/2024 15:17:00							2.4	ESE
8/19/2024 15:18:00							2.3	ESE
8/19/2024 15:19:00							2.4	ESE