

CLIENT:	Gowanus Canal LLC, GowCan Owner, LLC, Bayside Gowanus Owner, L.L.C., Bayside Gowanus Venture, L.L.C.	DAY OF SPW CONSTRUCTION:	107
PROJECT No.:	170295301	DATE:	Tuesday, September 10, 2024
PROJECT:	Gowanus Canal Northside	WEATHER:	Sunny, 64 - 74°F Wind: E @ 0 – 3 mph
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 Tejero

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 2-foot-wide by 1-foot-deep area to about 4 feet below grade surface (bgs) in the southern part of the SPW east of Society Brooklyn. Excavated material consisted of historic fill.
 - Excavated material was screened for odor, staining, and organic vapor using a photoionization detector (PID). No impacts were observed.
 - Excavated material was stockpiled adjacent to the excavated area.

Import and Export Tracking

- No material was exported from the site.
- 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	0	51
	Quantity (CY)	0	1,020
Pure Soil Technologies Jackson, NJ Non-Hazardous Soil/Fill	No. Loads	0	2
	Quantity (CY)	0	40

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	26
		Quantity (CY)	0	520

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

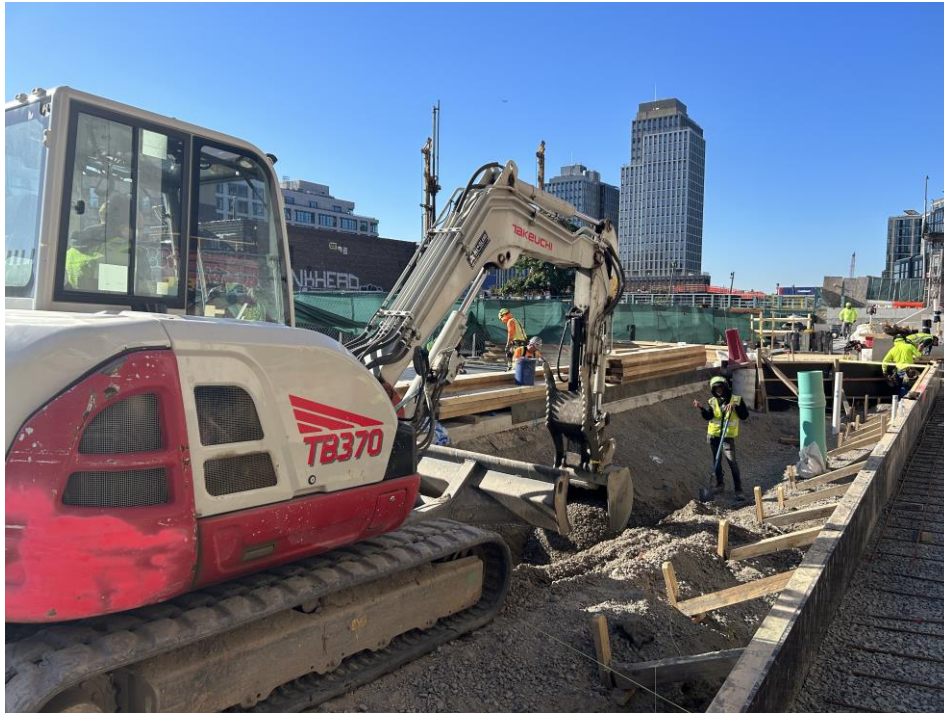


Photo 1: G&M excavating in the southern part of the SPW (facing southeast)

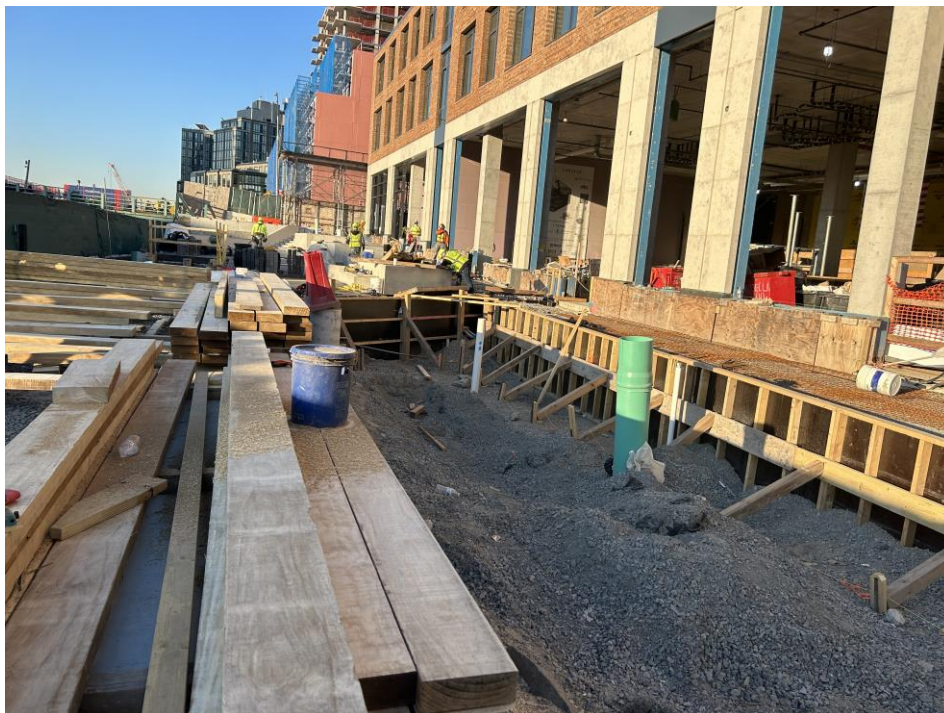
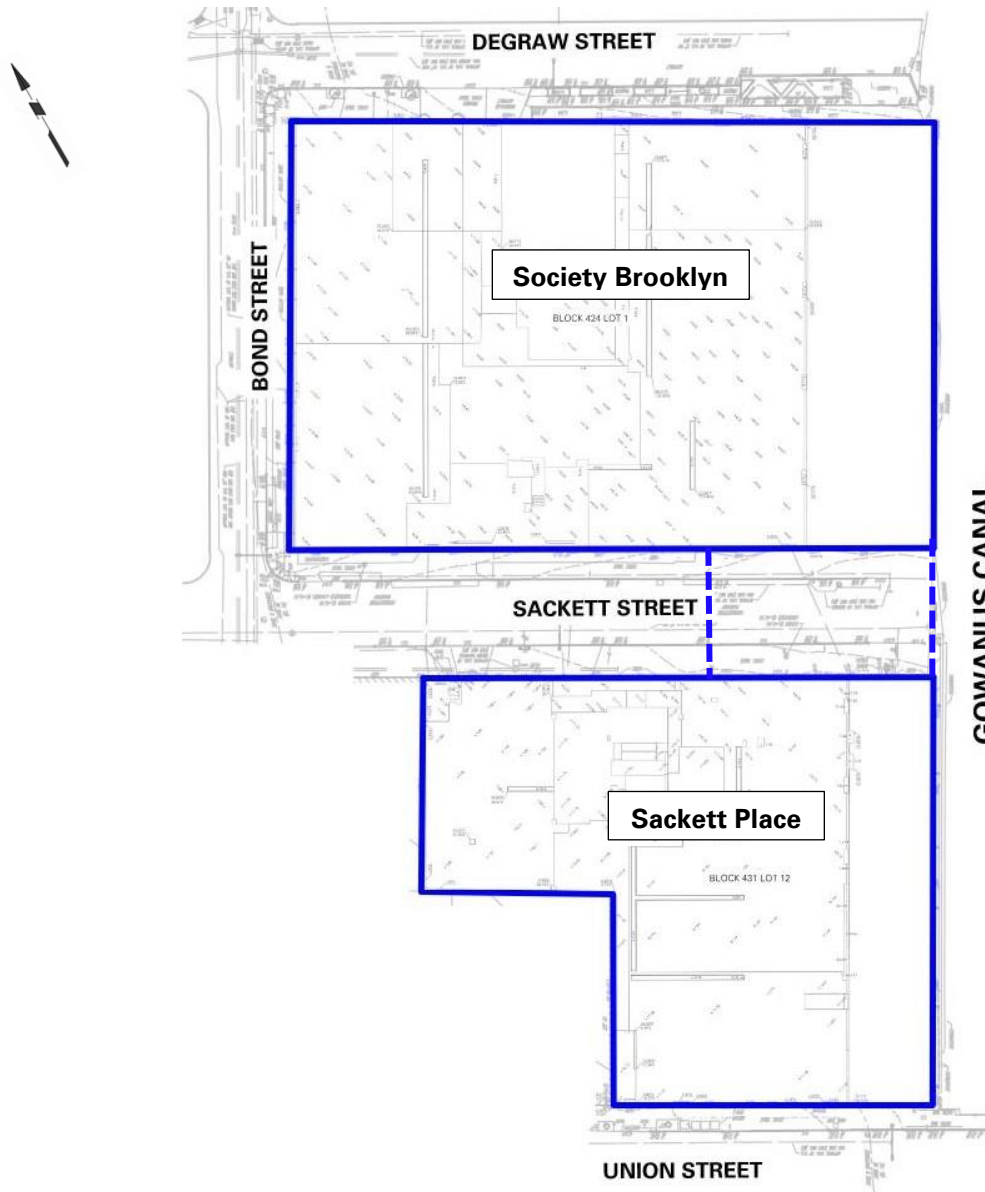


Photo 2: General view of work area in the southern part of the SPW (facing south)

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

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

Site Map 1:



Legend

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

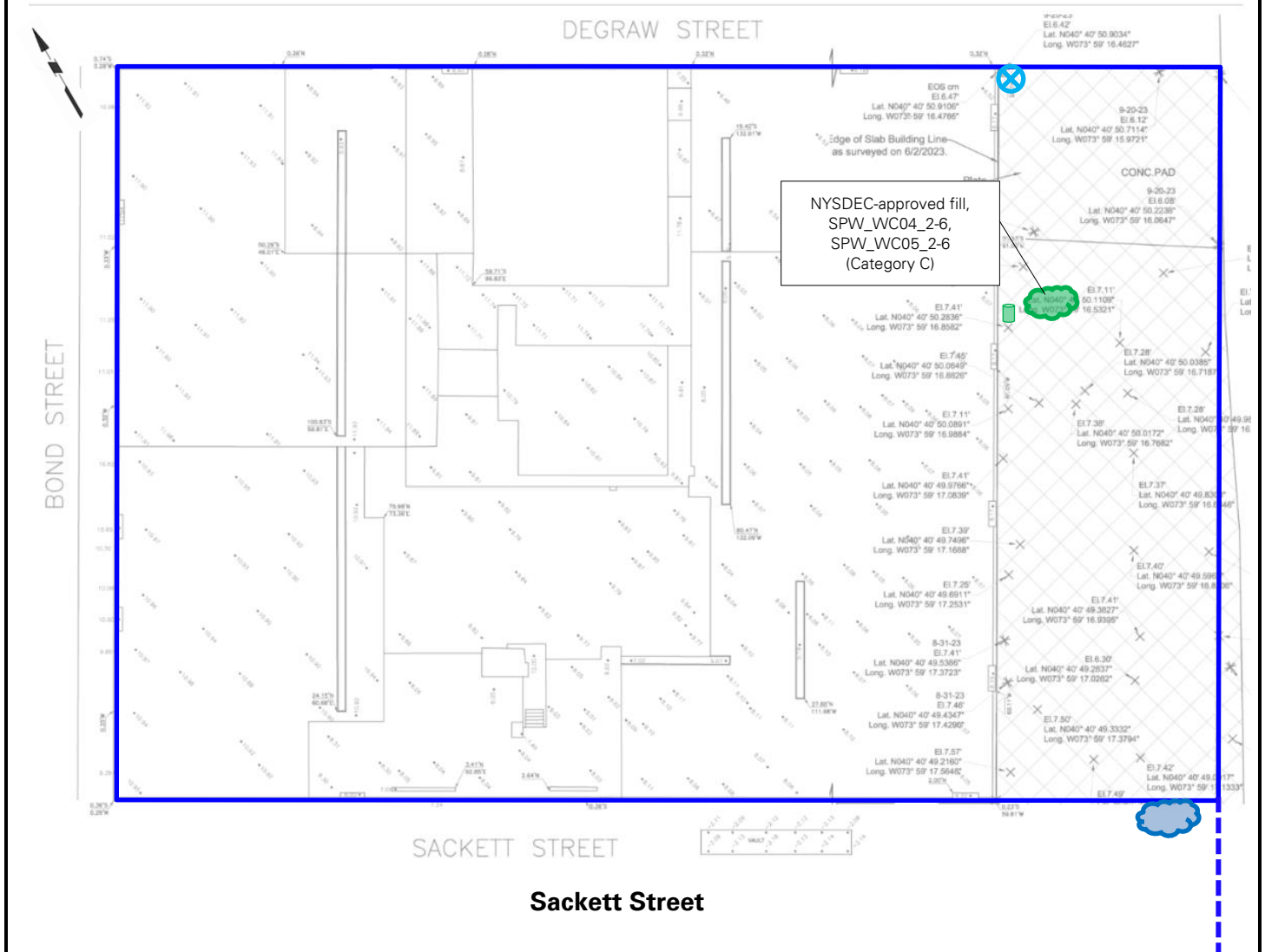
Notes

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 2: Northern Work Area Map (Society Brooklyn)

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



Legend:

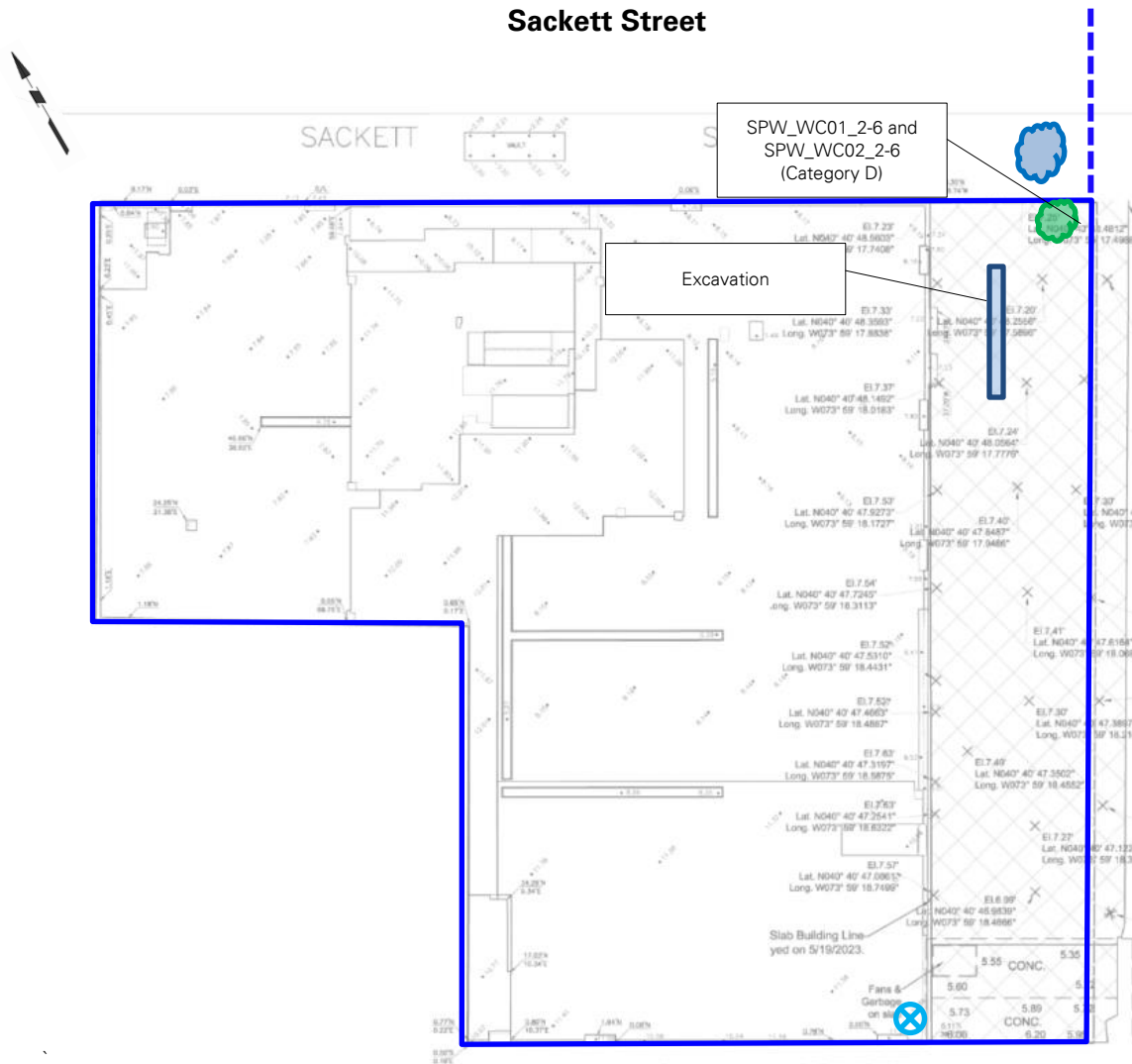
- Approximate BCP site boundary
- Approximate construction fence boundary
- Approximate work area
- ☁ Approximate 3/4-inch clean stone stockpile location
- ✕ Approximate location of air monitoring station
- Approximate location of containerized groundwater
- Approximate soil/fill stockpile location
- 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 ¾-inch clean stone stockpile location
- ⊗ Approximate location of air monitoring station
- ☁ Approximate soil/fill stockpile location
- ☁ Approximate C&D debris stockpile location

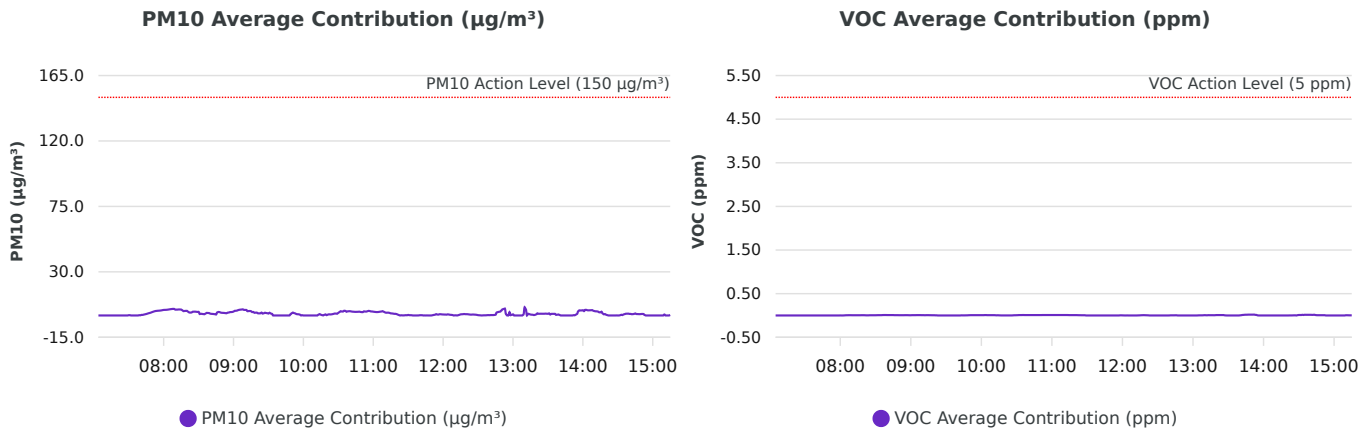
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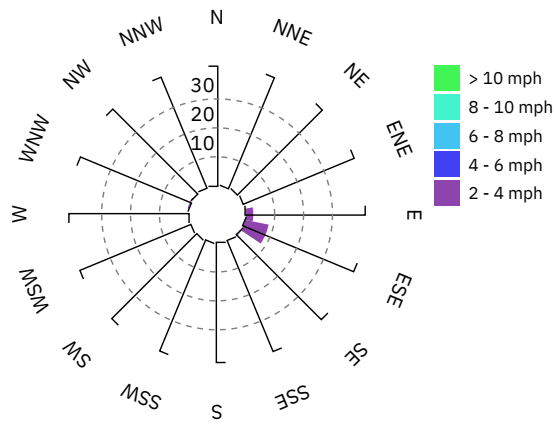
LANGAN Air Monitoring Report	170295301 - 267 Bond Street	
	Report Period	
	From:	9/10/2024 06:00
	To:	9/10/2024 18:00
	PM10 Action Level:	150.0 $\mu\text{g}/\text{m}^3$
	VOC Action Level:	5.00 ppm

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
9/10/2024	0.2-3.2	E

Daily Monitoring Summary	PM10 ($\mu\text{g}/\text{m}^3$)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 9/10/2024	0.0	07:04	0.00	07:05
Max Contribution (15 min avg.) - 9/10/2024	5.7	13:10	0.02	13:52



Contribution wind rose (mph)



Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/10/2024 07:01:00							1.4	E
9/10/2024 07:02:00							1.5	ESE
9/10/2024 07:03:00							1.4	ESE
9/10/2024 07:04:00	14.8	5.2	0.0				1.4	ESE
9/10/2024 07:05:00	14.6	5.2	0.0	0.04	0.01	0.00	1.3	ESE
9/10/2024 07:06:00	14.1	5.2	0.0	0.06	0.01	0.00	1.3	ESE
9/10/2024 07:07:00	14.0	5.2	0.0	0.06	0.01	0.00	1.3	E
9/10/2024 07:08:00	13.9	4.6	0.0	0.06	0.01	0.00	1.3	ESE
9/10/2024 07:09:00	13.9	4.3	0.0	0.06	0.01	0.00	1.3	ESE
9/10/2024 07:10:00	13.9	4.0	0.0	0.06	0.01	0.00	1.3	ESE
9/10/2024 07:11:00	13.9	3.9	0.0	0.06	0.01	0.00	1.2	ESE
9/10/2024 07:12:00	12.9	3.8	0.0	0.05	0.01	0.00	1.2	E
9/10/2024 07:13:00	12.3	3.7	0.0	0.05	0.01	0.00	1.2	ESE
9/10/2024 07:14:00	11.8	3.6	0.0	0.05	0.01	0.00	1.2	ESE
9/10/2024 07:15:00	11.4	3.6	0.0	0.05	0.01	0.00	1.2	ESE
9/10/2024 07:16:00	11.1	3.9	0.0	0.05	0.01	0.00	1.2	ESE
9/10/2024 07:17:00	10.7	4.2	0.0	0.05	0.01	0.00	1.1	ESE
9/10/2024 07:18:00	10.4	4.4	0.0	0.05	0.01	0.00	1.1	ESE
9/10/2024 07:19:00	9.7	4.4	0.0	0.05	0.01	0.00	1.1	ESE
9/10/2024 07:20:00	9.0	4.3	0.0	0.05	0.01	0.00	1.1	E
9/10/2024 07:21:00	8.4	4.1	0.0	0.04	0.01	0.00	1.0	ENE
9/10/2024 07:22:00	7.8	4.0	0.0	0.04	0.01	0.00	1.0	E
9/10/2024 07:23:00	7.3	4.1	0.0	0.04	0.01	0.00	0.9	NE
9/10/2024 07:24:00	6.8	4.2	0.0	0.04	0.01	0.00	0.8	NW
9/10/2024 07:25:00	6.2	4.5	0.0	0.04	0.01	0.00	0.7	W
9/10/2024 07:26:00	5.6	4.7	0.0	0.03	0.01	0.00	0.6	NW
9/10/2024 07:27:00	5.5	4.9	0.0	0.03	0.01	0.00	0.6	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
9/10/2024 07:28:00	5.4	5.0	0.0	0.03	0.01	0.00	0.5	WNW
9/10/2024 07:29:00	5.3	5.2	0.0	0.03	0.01	0.00	0.4	WNW
9/10/2024 07:30:00	5.0	5.2	0.2	0.02	0.01	0.00	0.4	E
9/10/2024 07:31:00	4.8	5.0	0.2	0.02	0.01	0.00	0.3	ESE
9/10/2024 07:32:00	4.6	4.6	0.0	0.02	0.01	0.00	0.4	ESE
9/10/2024 07:33:00	4.4	4.3	0.0	0.02	0.01	0.00	0.4	E
9/10/2024 07:34:00	4.4	4.3	0.0	0.02	0.01	0.00	0.4	ESE
9/10/2024 07:35:00	4.6	4.2	0.0	0.02	0.01	0.00	0.4	ESE
9/10/2024 07:36:00	4.7	4.3	0.0	0.01	0.01	0.00	0.4	ESE
9/10/2024 07:37:00	4.7	4.3	0.0	0.01	0.01	0.00	0.4	E
9/10/2024 07:38:00	4.4	4.3	0.0	0.01	0.01	0.00	0.5	ESE
9/10/2024 07:39:00	4.0	4.2	0.2	0.01	0.01	0.00	0.6	ESE
9/10/2024 07:40:00	3.8	3.9	0.1	0.01	0.01	0.00	0.7	ESE
9/10/2024 07:41:00	3.5	3.9	0.4	0.01	0.01	0.00	0.8	E
9/10/2024 07:42:00	3.3	3.7	0.4	0.01	0.01	0.00	0.9	ESE
9/10/2024 07:43:00	3.1	3.8	0.6	0.01	0.01	0.00	1.0	ESE
9/10/2024 07:44:00	2.9	3.7	0.8	0.01	0.01	0.00	1.2	ESE
9/10/2024 07:45:00	2.8	3.8	1.0	0.01	0.01	0.00	1.3	ESE
9/10/2024 07:46:00	2.8	4.0	1.2	0.01	0.01	0.00	1.3	ESE
9/10/2024 07:47:00	2.7	4.2	1.5	0.01	0.01	0.00	1.4	ESE
9/10/2024 07:48:00	2.7	4.4	1.7	0.01	0.01	0.00	1.4	ESE
9/10/2024 07:49:00	2.6	4.5	2.0	0.02	0.01	0.00	1.4	ESE
9/10/2024 07:50:00	2.4	4.7	2.3	0.02	0.01	0.00	1.5	ESE
9/10/2024 07:51:00	2.3	4.8	2.6	0.02	0.01	0.00	1.5	ESE
9/10/2024 07:52:00	2.2	5.0	2.8	0.02	0.01	0.00	1.6	ESE
9/10/2024 07:53:00	2.2	5.2	3.0	0.02	0.01	0.00	1.6	E
9/10/2024 07:54:00	2.3	5.4	3.1	0.01	0.01	0.00	1.7	ESE
9/10/2024 07:55:00	2.4	5.6	3.2	0.01	0.01	0.00	1.7	ESE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/10/2024 07:56:00	2.5	5.8	3.3	0.01	0.01	0.00	1.7	ESE
9/10/2024 07:57:00	2.6	6.0	3.4	0.01	0.01	0.00	1.7	ESE
9/10/2024 07:58:00	2.7	6.2	3.5	0.01	0.01	0.00	1.6	E
9/10/2024 07:59:00	2.7	6.3	3.6	0.01	0.01	0.00	1.6	ESE
9/10/2024 08:00:00	2.7	6.5	3.8	0.01	0.01	0.00	1.6	E
9/10/2024 08:01:00	2.7	6.5	3.9	0.01	0.01	0.00	1.5	ESE
9/10/2024 08:02:00	2.7	6.6	3.9	0.01	0.01	0.00	1.5	E
9/10/2024 08:03:00	2.6	6.6	3.9	0.01	0.01	0.00	1.5	ESE
9/10/2024 08:04:00	2.5	6.6	4.1	0.01	0.01	0.00	1.5	ESE
9/10/2024 08:05:00	2.5	6.7	4.2	0.01	0.01	0.01	1.5	ESE
9/10/2024 08:06:00	2.4	6.8	4.3	0.01	0.01	0.01	1.5	ESE
9/10/2024 08:07:00	2.3	6.8	4.4	0.00	0.01	0.01	1.5	E
9/10/2024 08:08:00	2.3	6.8	4.5	0.00	0.01	0.01	1.4	ENE
9/10/2024 08:09:00	2.2	6.8	4.5	0.00	0.01	0.01	1.3	NNE
9/10/2024 08:10:00	2.5	6.5	4.0	0.01	0.01	0.01	1.2	S
9/10/2024 08:11:00	2.4	6.4	4.0	0.01	0.01	0.01	1.1	ESE
9/10/2024 08:12:00	2.3	6.3	4.0	0.01	0.01	0.01	1.1	E
9/10/2024 08:13:00	2.2	6.3	4.1	0.01	0.01	0.01	1.1	ENE
9/10/2024 08:14:00	2.1	6.2	4.1	0.01	0.01	0.01	1.1	E
9/10/2024 08:15:00	2.0	6.1	4.1	0.01	0.01	0.01	1.1	E
9/10/2024 08:16:00	2.3	5.9	3.6	0.00	0.01	0.01	0.9	WNW
9/10/2024 08:17:00	2.6	5.6	3.0	0.00	0.01	0.01	0.7	W
9/10/2024 08:18:00	2.5	5.6	3.1	0.00	0.01	0.01	0.7	E
9/10/2024 08:19:00	2.4	5.5	3.2	0.00	0.01	0.01	0.6	ESE
9/10/2024 08:20:00	2.2	5.4	3.2	0.00	0.01	0.01	0.5	NW
9/10/2024 08:21:00	2.5	5.0	2.6	0.00	0.01	0.01	0.3	WSW
9/10/2024 08:22:00	2.7	4.7	2.0	0.00	0.01	0.00	0.2	WSW
9/10/2024 08:23:00	2.6	4.6	2.0	0.00	0.01	0.00	0.2	ENE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/10/2024 08:24:00	2.5	4.5	2.1	0.00	0.01	0.00	0.3	E
9/10/2024 08:25:00	2.0	4.6	2.6	0.00	0.01	0.01	0.3	NE
9/10/2024 08:26:00	1.9	4.5	2.6	0.00	0.01	0.01	0.3	ENE
9/10/2024 08:27:00	1.8	4.5	2.6	0.00	0.01	0.01	0.3	ESE
9/10/2024 08:28:00	1.7	4.2	2.5	0.00	0.01	0.01	0.3	ENE
9/10/2024 08:29:00	1.6	4.1	2.4	0.00	0.01	0.01	0.3	ESE
9/10/2024 08:30:00	1.6	4.1	2.5	0.00	0.01	0.01	0.3	ESE
9/10/2024 08:31:00	3.3	4.3	1.0	0.00	0.01	0.01	0.4	ENE
9/10/2024 08:32:00	3.4	4.6	1.2	0.00	0.01	0.01	0.5	ENE
9/10/2024 08:33:00	3.4	4.5	1.1	0.00	0.01	0.01	0.5	E
9/10/2024 08:34:00	3.4	4.4	1.0	0.00	0.01	0.01	0.5	ENE
9/10/2024 08:35:00	3.5	4.3	0.9	0.00	0.01	0.01	0.6	E
9/10/2024 08:36:00	3.2	4.5	1.3	0.00	0.01	0.01	0.7	ENE
9/10/2024 08:37:00	2.9	4.7	1.8	0.00	0.01	0.01	0.8	NE
9/10/2024 08:38:00	3.0	4.7	1.7	0.00	0.01	0.01	0.8	ESE
9/10/2024 08:39:00	3.0	4.7	1.6	0.00	0.01	0.01	0.8	ESE
9/10/2024 08:40:00	3.4	4.6	1.3	0.00	0.01	0.01	0.8	SE
9/10/2024 08:41:00	3.5	4.6	1.1	0.00	0.01	0.01	0.9	ESE
9/10/2024 08:42:00	3.5	4.6	1.1	0.00	0.01	0.01	0.9	E
9/10/2024 08:43:00	3.6	4.6	1.0	0.00	0.01	0.01	1.0	ESE
9/10/2024 08:44:00	3.7	4.6	0.9	0.00	0.01	0.01	1.0	E
9/10/2024 08:45:00	3.8	4.4	0.7	0.00	0.01	0.01	1.0	E
9/10/2024 08:46:00	1.9	4.0	2.1	0.00	0.01	0.01	1.0	WSW
9/10/2024 08:47:00	1.5	3.9	2.4	0.00	0.01	0.01	0.9	E
9/10/2024 08:48:00	1.5	3.8	2.3	0.00	0.01	0.01	0.9	NNW
9/10/2024 08:49:00	1.8	3.8	2.0	0.00	0.01	0.01	0.9	ESE
9/10/2024 08:50:00	2.0	3.8	1.8	0.00	0.01	0.01	0.9	ESE
9/10/2024 08:51:00	2.0	3.8	1.8	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
9/10/2024 08:52:00	2.1	3.8	1.7	0.00	0.01	0.01	1.0	E
9/10/2024 08:53:00	2.1	3.8	1.6	0.00	0.01	0.01	1.0	E
9/10/2024 08:54:00	2.1	3.7	1.5	0.00	0.01	0.01	0.9	ESE
9/10/2024 08:55:00	1.8	3.7	1.9	0.00	0.01	0.01	1.0	ESE
9/10/2024 08:56:00	1.7	3.7	2.0	0.00	0.01	0.01	1.0	ESE
9/10/2024 08:57:00	1.7	4.0	2.3	0.00	0.01	0.01	0.9	E
9/10/2024 08:58:00	1.8	4.1	2.3	0.00	0.01	0.01	1.0	ESE
9/10/2024 08:59:00	1.6	4.1	2.4	0.00	0.01	0.01	1.1	ESE
9/10/2024 09:00:00	1.6	4.3	2.7	0.00	0.01	0.01	1.2	ESE
9/10/2024 09:01:00	1.3	4.5	3.2	0.00	0.01	0.01	1.3	ESE
9/10/2024 09:02:00	1.3	4.5	3.2	0.00	0.01	0.01	1.4	ESE
9/10/2024 09:03:00	1.1	4.5	3.4	0.00	0.01	0.01	1.4	NNE
9/10/2024 09:04:00	0.7	4.4	3.7	0.00	0.01	0.01	1.4	ESE
9/10/2024 09:05:00	0.4	4.3	3.9	0.00	0.01	0.01	1.4	E
9/10/2024 09:06:00	0.2	4.3	4.0	0.00	0.01	0.01	1.4	E
9/10/2024 09:07:00	0.1	4.2	4.1	0.00	0.01	0.01	1.4	ENE
9/10/2024 09:08:00	-0.1	4.1	4.2	0.00	0.01	0.01	1.3	NE
9/10/2024 09:09:00	0.1	3.9	3.8	0.00	0.01	0.01	1.2	WNW
9/10/2024 09:10:00	0.1	3.9	3.8	0.00	0.01	0.01	1.1	NNW
9/10/2024 09:11:00	0.1	3.9	3.8	0.00	0.01	0.01	1.0	N
9/10/2024 09:12:00	0.4	3.3	2.9	0.00	0.01	0.01	0.8	WNW
9/10/2024 09:13:00	0.3	3.3	3.0	0.00	0.01	0.01	0.7	N
9/10/2024 09:14:00	0.2	3.3	3.1	0.00	0.01	0.01	0.6	E
9/10/2024 09:15:00	0.2	3.2	3.0	0.00	0.01	0.01	0.5	NW
9/10/2024 09:16:00	0.6	2.9	2.3	0.00	0.01	0.01	0.4	SE
9/10/2024 09:17:00	0.6	3.0	2.4	0.00	0.01	0.01	0.4	E
9/10/2024 09:18:00	0.9	2.7	1.8	0.00	0.01	0.01	0.3	W
9/10/2024 09:19:00	0.8	2.8	1.9	0.00	0.01	0.01	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
9/10/2024 09:20:00	0.9	2.9	2.0	0.00	0.01	0.01	0.4	ESE
9/10/2024 09:21:00	1.2	2.6	1.5	0.00	0.01	0.00	0.4	SE
9/10/2024 09:22:00	1.2	2.6	1.4	0.00	0.01	0.00	0.4	ESE
9/10/2024 09:23:00	1.2	2.6	1.5	0.01	0.01	0.00	0.5	E
9/10/2024 09:24:00	0.9	2.9	2.0	0.01	0.01	0.00	0.6	ESE
9/10/2024 09:25:00	1.3	2.6	1.3	0.01	0.01	0.00	0.6	S
9/10/2024 09:26:00	1.4	2.9	1.5	0.01	0.01	0.00	0.7	ESE
9/10/2024 09:27:00	1.3	3.2	1.9	0.02	0.01	0.00	0.9	ESE
9/10/2024 09:28:00	1.4	3.1	1.7	0.02	0.01	0.00	1.0	ESE
9/10/2024 09:29:00	1.5	3.0	1.6	0.02	0.01	0.00	1.1	E
9/10/2024 09:30:00	1.6	3.0	1.3	0.02	0.01	0.00	1.3	ESE
9/10/2024 09:31:00	1.4	3.2	1.9	0.02	0.01	0.00	1.3	ESE
9/10/2024 09:32:00	1.7	3.0	1.3	0.02	0.01	0.00	1.2	WNW
9/10/2024 09:33:00	2.1	3.2	1.1	0.02	0.01	0.00	1.2	WNW
9/10/2024 09:34:00	2.9	2.9	0.0	0.03	0.01	0.00	1.0	WNW
9/10/2024 09:35:00	3.5	2.7	0.0	0.03	0.01	0.00	0.9	WSW
9/10/2024 09:36:00	3.9	2.9	0.0	0.03	0.01	0.00	0.7	SW
9/10/2024 09:37:00	4.1	3.2	0.0	0.03	0.01	0.00	0.6	NE
9/10/2024 09:38:00	4.3	3.4	0.0	0.02	0.01	0.00	0.6	E
9/10/2024 09:39:00	4.5	3.6	0.0	0.01	0.01	0.00	0.7	ESE
9/10/2024 09:40:00	4.3	3.9	0.0	0.01	0.01	0.00	0.9	ESE
9/10/2024 09:41:00	4.5	3.6	0.0	0.01	0.01	0.00	1.0	ESE
9/10/2024 09:42:00	4.3	3.6	0.0	0.01	0.01	0.00	0.9	E
9/10/2024 09:43:00	4.4	3.7	0.0	0.00	0.01	0.00	0.8	NNE
9/10/2024 09:44:00	4.9	3.5	0.0	0.00	0.01	0.00	0.7	SE
9/10/2024 09:45:00	4.9	4.0	0.0	0.00	0.01	0.00	0.7	ESE
9/10/2024 09:46:00	5.1	4.3	0.0	0.00	0.01	0.00	0.7	E
9/10/2024 09:47:00	5.0	4.6	0.0	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
9/10/2024 09:48:00	4.7	4.6	0.0	0.00	0.01	0.00	0.8	WNW
9/10/2024 09:49:00	4.1	4.9	0.8	0.00	0.01	0.01	1.1	ESE
9/10/2024 09:50:00	3.7	5.2	1.5	0.00	0.01	0.01	1.3	ESE
9/10/2024 09:51:00	3.3	5.3	2.0	0.00	0.01	0.01	1.4	ESE
9/10/2024 09:52:00	3.3	4.9	1.6	0.00	0.01	0.01	1.5	E
9/10/2024 09:53:00	3.3	4.7	1.4	0.00	0.01	0.01	1.6	ESE
9/10/2024 09:54:00	3.6	4.5	1.0	0.00	0.01	0.01	1.6	ESE
9/10/2024 09:55:00	3.6	4.4	0.8	0.00	0.01	0.01	1.5	E
9/10/2024 09:56:00	3.5	4.4	0.8	0.00	0.01	0.01	1.3	WNW
9/10/2024 09:57:00	3.8	4.3	0.6	0.00	0.01	0.01	1.3	ESE
9/10/2024 09:58:00	4.6	4.3	0.0	0.00	0.01	0.01	1.4	ESE
9/10/2024 09:59:00	4.3	4.4	0.2	0.00	0.01	0.01	1.4	SE
9/10/2024 10:00:00	4.3	4.0	0.0	0.00	0.01	0.01	1.5	ESE
9/10/2024 10:01:00	4.3	3.7	0.0	0.00	0.01	0.01	1.5	ESE
9/10/2024 10:02:00	4.5	3.5	0.0	0.00	0.01	0.01	1.5	ESE
9/10/2024 10:03:00	4.3	3.6	0.0	0.00	0.01	0.01	1.7	ESE
9/10/2024 10:04:00	4.3	3.4	0.0	0.00	0.01	0.01	1.7	E
9/10/2024 10:05:00	4.3	3.5	0.0	0.00	0.01	0.01	1.5	W
9/10/2024 10:06:00	4.3	3.5	0.0	0.00	0.01	0.01	1.4	ENE
9/10/2024 10:07:00	4.3	3.5	0.0	0.00	0.01	0.01	1.4	ESE
9/10/2024 10:08:00	4.2	3.4	0.0	0.00	0.01	0.01	1.4	E
9/10/2024 10:09:00	3.9	3.4	0.0	0.00	0.01	0.01	1.4	E
9/10/2024 10:10:00	3.7	3.4	0.0	0.00	0.01	0.01	1.5	E
9/10/2024 10:11:00	3.8	3.3	0.0	0.00	0.01	0.01	1.7	ESE
9/10/2024 10:12:00	3.8	3.4	0.0	0.00	0.01	0.01	1.8	ESE
9/10/2024 10:13:00	2.8	3.5	0.6	0.01	0.01	0.00	1.7	E
9/10/2024 10:14:00	2.6	3.5	0.9	0.01	0.01	0.01	1.6	N
9/10/2024 10:15:00	2.7	3.2	0.5	0.01	0.01	0.00	1.3	W

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
9/10/2024 10:16:00	2.8	3.0	0.2	0.01	0.01	0.00	1.2	SSE
9/10/2024 10:17:00	2.8	2.8	0.1	0.01	0.01	0.00	1.0	W
9/10/2024 10:18:00	2.5	3.0	0.5	0.01	0.01	0.00	0.9	NNE
9/10/2024 10:19:00	2.4	3.1	0.7	0.01	0.01	0.00	0.9	E
9/10/2024 10:20:00	2.6	2.8	0.2	0.01	0.01	0.00	0.9	WNW
9/10/2024 10:21:00	2.3	2.9	0.6	0.01	0.01	0.00	0.9	E
9/10/2024 10:22:00	2.2	3.0	0.8	0.01	0.01	0.00	0.8	NNW
9/10/2024 10:23:00	2.3	3.0	0.7	0.01	0.01	0.00	0.7	E
9/10/2024 10:24:00	2.2	3.0	0.8	0.01	0.01	0.00	0.7	ESE
9/10/2024 10:25:00	2.1	3.0	0.9	0.01	0.01	0.00	0.7	ESE
9/10/2024 10:26:00	2.0	3.1	1.1	0.01	0.01	0.00	0.6	E
9/10/2024 10:27:00	1.7	3.0	1.3	0.00	0.01	0.00	0.5	ESE
9/10/2024 10:28:00	1.6	2.9	1.3	0.00	0.01	0.01	0.5	E
9/10/2024 10:29:00	1.6	2.8	1.2	0.00	0.01	0.01	0.6	E
9/10/2024 10:30:00	1.3	3.1	1.8	0.00	0.01	0.01	0.8	ESE
9/10/2024 10:31:00	0.9	3.3	2.4	0.00	0.01	0.01	0.9	E
9/10/2024 10:32:00	0.5	3.4	2.9	0.00	0.01	0.01	1.1	ESE
9/10/2024 10:33:00	0.5	3.2	2.7	0.00	0.01	0.01	1.2	E
9/10/2024 10:34:00	0.4	3.1	2.7	0.00	0.01	0.01	1.2	ESE
9/10/2024 10:35:00	0.0	3.2	3.3	0.00	0.01	0.01	1.3	ESE
9/10/2024 10:36:00	-0.1	3.1	3.1	0.00	0.01	0.01	1.4	ESE
9/10/2024 10:37:00	0.2	2.7	2.6	0.00	0.01	0.01	1.5	SE
9/10/2024 10:38:00	-0.1	2.7	2.8	0.00	0.01	0.01	1.5	E
9/10/2024 10:39:00	-0.2	2.7	2.9	0.00	0.01	0.01	1.5	ESE
9/10/2024 10:40:00	-0.3	2.6	2.9	0.00	0.01	0.01	1.6	ESE
9/10/2024 10:41:00	-0.2	2.6	2.8	0.00	0.01	0.01	1.6	ESE
9/10/2024 10:42:00	-0.1	2.5	2.6	0.00	0.01	0.01	1.7	E
9/10/2024 10:43:00	-0.1	2.5	2.6	0.00	0.01	0.01	1.8	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
9/10/2024 10:44:00	-0.1	2.4	2.5	0.00	0.01	0.01	1.8	ESE
9/10/2024 10:45:00	-0.1	2.3	2.5	0.00	0.01	0.01	1.8	E
9/10/2024 10:46:00	-0.1	2.4	2.5	0.00	0.01	0.01	1.8	ESE
9/10/2024 10:47:00	-0.2	2.4	2.5	0.00	0.01	0.01	1.8	ESE
9/10/2024 10:48:00	-0.2	2.4	2.6	0.00	0.01	0.01	1.8	ESE
9/10/2024 10:49:00	0.0	2.5	2.4	0.00	0.01	0.01	1.8	E
9/10/2024 10:50:00	0.2	2.5	2.3	0.00	0.01	0.01	1.8	ESE
9/10/2024 10:51:00	0.2	2.5	2.3	0.00	0.01	0.01	1.7	E
9/10/2024 10:52:00	-0.1	2.7	2.8	0.00	0.01	0.01	1.8	ESE
9/10/2024 10:53:00	0.0	2.7	2.7	0.00	0.01	0.01	1.8	E
9/10/2024 10:54:00	0.1	2.7	2.7	0.00	0.01	0.01	1.8	E
9/10/2024 10:55:00	0.3	3.2	2.9	0.00	0.01	0.01	1.7	E
9/10/2024 10:56:00	0.6	3.7	3.2	0.00	0.01	0.01	1.7	ESE
9/10/2024 10:57:00	0.9	3.9	3.0	0.00	0.01	0.01	1.6	E
9/10/2024 10:58:00	1.2	4.0	2.8	0.00	0.01	0.01	1.5	E
9/10/2024 10:59:00	1.3	4.1	2.7	0.00	0.01	0.01	1.6	E
9/10/2024 11:00:00	1.5	4.1	2.6	0.00	0.01	0.01	1.5	ESE
9/10/2024 11:01:00	1.6	4.0	2.5	0.00	0.01	0.01	1.5	ESE
9/10/2024 11:02:00	1.6	4.0	2.4	0.00	0.01	0.01	1.5	ESE
9/10/2024 11:03:00	1.6	4.0	2.3	0.00	0.01	0.01	1.5	ESE
9/10/2024 11:04:00	1.5	3.9	2.4	0.00	0.01	0.01	1.6	E
9/10/2024 11:05:00	1.4	3.9	2.5	0.00	0.01	0.01	1.6	ESE
9/10/2024 11:06:00	1.4	4.0	2.6	0.00	0.01	0.01	1.6	ESE
9/10/2024 11:07:00	1.4	4.2	2.7	0.00	0.01	0.01	1.6	E
9/10/2024 11:08:00	1.4	4.3	2.9	0.00	0.01	0.01	1.6	ESE
9/10/2024 11:09:00	1.9	4.5	2.6	0.00	0.01	0.01	1.5	NW
9/10/2024 11:10:00	1.9	4.0	2.1	0.00	0.01	0.01	1.6	E
9/10/2024 11:11:00	1.7	3.6	1.9	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
9/10/2024 11:12:00	1.5	3.4	1.9	0.00	0.01	0.01	1.6	ESE
9/10/2024 11:13:00	1.5	3.4	1.9	0.00	0.01	0.01	1.6	ESE
9/10/2024 11:14:00	1.6	3.4	1.8	0.00	0.01	0.01	1.6	ESE
9/10/2024 11:15:00	1.9	3.4	1.4	0.00	0.01	0.01	1.5	WNW
9/10/2024 11:16:00	2.1	3.5	1.4	0.00	0.01	0.01	1.4	NNE
9/10/2024 11:17:00	2.2	3.5	1.3	0.00	0.01	0.01	1.4	NE
9/10/2024 11:18:00	2.4	3.6	1.1	0.00	0.01	0.01	1.3	E
9/10/2024 11:19:00	2.5	3.6	1.1	0.00	0.01	0.01	1.2	NE
9/10/2024 11:20:00	2.7	3.7	1.0	0.00	0.01	0.01	1.2	E
9/10/2024 11:21:00	2.9	3.5	0.6	0.00	0.01	0.01	1.2	ESE
9/10/2024 11:22:00	3.2	3.5	0.3	0.00	0.01	0.01	1.2	ESE
9/10/2024 11:23:00	3.4	3.3	0.0	0.00	0.01	0.01	1.2	SE
9/10/2024 11:24:00	3.1	3.2	0.1	0.00	0.01	0.01	1.3	E
9/10/2024 11:25:00	3.1	3.2	0.1	0.00	0.01	0.01	1.2	SE
9/10/2024 11:26:00	3.1	3.2	0.0	0.00	0.01	0.01	1.1	E
9/10/2024 11:27:00	3.1	3.2	0.1	0.00	0.01	0.01	1.0	ESE
9/10/2024 11:28:00	3.0	3.2	0.2	0.00	0.01	0.01	1.0	ENE
9/10/2024 11:29:00	3.1	3.2	0.1	0.01	0.01	0.00	1.0	ESE
9/10/2024 11:30:00	2.9	3.3	0.4	0.02	0.01	0.00	1.1	E
9/10/2024 11:31:00	3.0	3.2	0.2	0.03	0.01	0.00	1.2	ESE
9/10/2024 11:32:00	3.0	3.2	0.2	0.04	0.01	0.00	1.2	E
9/10/2024 11:33:00	3.0	3.2	0.1	0.04	0.01	0.00	1.3	ESE
9/10/2024 11:34:00	3.1	3.1	0.0	0.04	0.01	0.00	1.2	W
9/10/2024 11:35:00	3.1	3.1	0.0	0.04	0.01	0.00	1.1	ENE
9/10/2024 11:36:00	3.1	3.1	0.0	0.04	0.01	0.00	1.0	ESE
9/10/2024 11:37:00	3.1	3.0	0.0	0.04	0.01	0.00	1.0	S
9/10/2024 11:38:00	3.1	3.1	0.0	0.04	0.01	0.00	0.9	NNE
9/10/2024 11:39:00	3.1	3.1	0.0	0.04	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
9/10/2024 11:40:00	3.0	3.2	0.2	0.04	0.01	0.00	1.0	ESE
9/10/2024 11:41:00	3.0	3.2	0.2	0.04	0.01	0.00	1.0	E
9/10/2024 11:42:00	3.0	3.2	0.2	0.04	0.01	0.00	1.1	E
9/10/2024 11:43:00	3.1	3.1	0.0	0.05	0.01	0.00	1.1	ESE
9/10/2024 11:44:00	3.0	3.1	0.0	0.04	0.01	0.00	1.1	ENE
9/10/2024 11:45:00	3.1	3.0	0.0	0.03	0.01	0.00	1.1	E
9/10/2024 11:46:00	3.0	3.0	0.0	0.02	0.01	0.00	1.1	E
9/10/2024 11:47:00	3.0	3.0	0.0	0.01	0.01	0.00	1.0	NNW
9/10/2024 11:48:00	3.0	3.0	0.0	0.01	0.01	0.00	0.9	SSW
9/10/2024 11:49:00	3.1	3.0	0.0	0.01	0.01	0.00	0.9	WNW
9/10/2024 11:50:00	3.1	3.1	0.0	0.01	0.01	0.00	0.9	ESE
9/10/2024 11:51:00	3.1	3.3	0.2	0.01	0.01	0.00	0.9	E
9/10/2024 11:52:00	3.1	3.5	0.4	0.01	0.01	0.00	0.9	NE
9/10/2024 11:53:00	3.1	3.6	0.5	0.01	0.01	0.00	0.9	E
9/10/2024 11:54:00	3.1	4.0	0.9	0.01	0.01	0.00	0.8	NNW
9/10/2024 11:55:00	3.4	4.1	0.6	0.01	0.01	0.00	0.6	WNW
9/10/2024 11:56:00	3.6	4.2	0.6	0.01	0.01	0.00	0.6	E
9/10/2024 11:57:00	3.6	4.5	0.9	0.01	0.01	0.00	0.6	E
9/10/2024 11:58:00	3.6	4.5	0.8	0.01	0.01	0.00	0.5	WNW
9/10/2024 11:59:00	3.8	4.5	0.7	0.00	0.01	0.00	0.4	SW
9/10/2024 12:00:00	3.8	4.5	0.7	0.00	0.01	0.00	0.2	WNW
9/10/2024 12:01:00	3.8	4.4	0.6	0.01	0.01	0.00	0.2	WNW
9/10/2024 12:02:00	3.8	4.4	0.6	0.01	0.01	0.00	0.2	WNW
9/10/2024 12:03:00	3.8	4.4	0.6	0.01	0.01	0.00	0.1	SE
9/10/2024 12:04:00	3.8	4.5	0.8	0.01	0.01	0.00	0.2	NW
9/10/2024 12:05:00	3.8	4.4	0.6	0.01	0.01	0.00	0.3	W
9/10/2024 12:06:00	3.8	4.3	0.5	0.01	0.01	0.00	0.2	ESE
9/10/2024 12:07:00	3.8	4.2	0.4	0.01	0.01	0.00	0.2	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
9/10/2024 12:08:00	3.7	4.0	0.3	0.01	0.01	0.00	0.2	ESE
9/10/2024 12:09:00	3.7	3.6	0.0	0.01	0.01	0.00	0.2	NE
9/10/2024 12:10:00	3.4	3.5	0.1	0.01	0.01	0.00	0.1	SE
9/10/2024 12:11:00	3.3	3.4	0.1	0.01	0.01	0.00	0.1	ESE
9/10/2024 12:12:00	3.3	3.2	0.0	0.01	0.01	0.00	0.1	ESE
9/10/2024 12:13:00	3.1	3.3	0.2	0.01	0.01	0.00	0.3	E
9/10/2024 12:14:00	2.9	3.4	0.5	0.00	0.01	0.00	0.4	E
9/10/2024 12:15:00	2.8	3.6	0.8	0.00	0.01	0.00	0.6	E
9/10/2024 12:16:00	2.8	3.6	0.8	0.00	0.01	0.01	0.8	ESE
9/10/2024 12:17:00	2.8	3.6	0.9	0.00	0.01	0.01	1.0	E
9/10/2024 12:18:00	2.7	3.7	1.0	0.00	0.01	0.01	1.0	ENE
9/10/2024 12:19:00	2.7	3.6	0.9	0.00	0.01	0.01	1.1	ESE
9/10/2024 12:20:00	2.8	3.7	0.9	0.01	0.01	0.01	1.3	ESE
9/10/2024 12:21:00	2.8	3.6	0.9	0.01	0.01	0.00	1.4	ESE
9/10/2024 12:22:00	2.8	3.6	0.7	0.01	0.01	0.00	1.5	ESE
9/10/2024 12:23:00	2.9	3.5	0.6	0.01	0.01	0.00	1.6	E
9/10/2024 12:24:00	2.9	3.5	0.6	0.02	0.01	0.00	1.7	ESE
9/10/2024 12:25:00	2.9	3.6	0.6	0.02	0.01	0.00	1.8	ESE
9/10/2024 12:26:00	2.9	3.6	0.6	0.03	0.01	0.00	1.6	NW
9/10/2024 12:27:00	2.9	3.5	0.6	0.03	0.01	0.00	1.5	E
9/10/2024 12:28:00	2.9	3.5	0.5	0.03	0.01	0.00	1.5	E
9/10/2024 12:29:00	3.0	3.4	0.4	0.03	0.01	0.00	1.5	E
9/10/2024 12:30:00	3.0	3.2	0.2	0.03	0.01	0.00	1.4	W
9/10/2024 12:31:00	3.1	3.2	0.1	0.03	0.01	0.00	1.3	NNE
9/10/2024 12:32:00	3.2	3.3	0.1	0.03	0.01	0.00	1.2	NE
9/10/2024 12:33:00	3.3	3.3	0.0	0.03	0.01	0.00	1.2	NNW
9/10/2024 12:34:00	3.3	3.3	0.1	0.03	0.01	0.00	1.0	NW
9/10/2024 12:35:00	3.2	3.3	0.1	0.03	0.01	0.00	0.9	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
9/10/2024 12:36:00	3.2	3.3	0.1	0.03	0.01	0.00	0.8	NNE
9/10/2024 12:37:00	3.2	3.3	0.1	0.03	0.01	0.00	0.6	NW
9/10/2024 12:38:00	3.1	3.4	0.2	0.02	0.01	0.00	0.5	NNE
9/10/2024 12:39:00	3.2	3.4	0.2	0.01	0.01	0.00	0.4	NNW
9/10/2024 12:40:00	3.2	3.4	0.2	0.01	0.01	0.00	0.4	ESE
9/10/2024 12:41:00	3.2	3.5	0.3	0.01	0.01	0.00	0.5	ENE
9/10/2024 12:42:00	3.3	3.6	0.3	0.01	0.01	0.00	0.5	E
9/10/2024 12:43:00	3.4	3.6	0.3	0.01	0.01	0.00	0.5	NNE
9/10/2024 12:44:00	3.3	3.7	0.3	0.01	0.01	0.00	0.4	E
9/10/2024 12:45:00	3.3	3.8	0.5	0.01	0.01	0.00	0.6	E
9/10/2024 12:46:00	3.4	5.5	2.1	0.01	0.01	0.00	0.6	E
9/10/2024 12:47:00	3.4	5.7	2.3	0.04	0.01	0.00	0.7	E
9/10/2024 12:48:00	3.4	5.9	2.5	0.06	0.01	0.00	0.8	ESE
9/10/2024 12:49:00	3.4	6.0	2.6	0.06	0.01	0.00	0.9	E
9/10/2024 12:50:00	3.4	6.8	3.4	0.07	0.01	0.00	0.9	N
9/10/2024 12:51:00	3.4	7.6	4.2	0.07	0.01	0.00	1.0	E
9/10/2024 12:52:00	3.4	7.9	4.5	0.07	0.01	0.00	1.2	E
9/10/2024 12:53:00	3.4	8.1	4.7	0.07	0.01	0.00	1.2	NNE
9/10/2024 12:54:00	7.2	8.1	0.8	0.07	0.01	0.00	1.2	WSW
9/10/2024 12:55:00	12.2	8.0	0.0	0.07	0.01	0.00	1.0	W
9/10/2024 12:56:00	12.2	9.3	0.0	0.07	0.01	0.00	0.9	NNW
9/10/2024 12:57:00	12.1	14.4	2.3	0.07	0.01	0.00	0.9	E
9/10/2024 12:58:00	14.1	14.3	0.2	0.07	0.01	0.00	0.8	W
9/10/2024 12:59:00	14.1	14.6	0.5	0.07	0.01	0.00	0.9	E
9/10/2024 13:00:00	14.1	14.8	0.8	0.07	0.01	0.00	0.8	E
9/10/2024 13:01:00	13.9	13.3	0.0	0.07	0.01	0.00	0.8	ESE
9/10/2024 13:02:00	13.8	13.2	0.0	0.04	0.01	0.00	0.8	ESE
9/10/2024 13:03:00	13.8	13.1	0.0	0.02	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
9/10/2024 13:04:00	13.8	12.9	0.0	0.01	0.01	0.00	0.9	ESE
9/10/2024 13:05:00	14.0	12.2	0.0	0.01	0.01	0.00	1.0	ESE
9/10/2024 13:06:00	14.6	11.4	0.0	0.01	0.01	0.00	0.8	WNW
9/10/2024 13:07:00	14.6	11.6	0.0	0.01	0.01	0.00	0.9	E
9/10/2024 13:08:00	14.8	11.4	0.0	0.01	0.01	0.00	0.9	E
9/10/2024 13:09:00	11.0	11.6	0.6	0.01	0.01	0.01	1.1	ESE
9/10/2024 13:10:00	6.1	11.7	5.7	0.01	0.01	0.01	1.3	E
9/10/2024 13:11:00	6.0	10.4	4.3	0.01	0.01	0.01	1.4	E
9/10/2024 13:12:00	6.1	5.3	0.0	0.01	0.01	0.00	1.4	E
9/10/2024 13:13:00	4.1	5.3	1.2	0.01	0.01	0.01	1.6	E
9/10/2024 13:14:00	4.2	5.1	0.9	0.01	0.01	0.01	1.5	NW
9/10/2024 13:15:00	4.2	4.9	0.7	0.01	0.01	0.01	1.4	NNE
9/10/2024 13:16:00	4.2	4.7	0.5	0.01	0.01	0.01	1.3	ENE
9/10/2024 13:17:00	4.2	4.7	0.5	0.01	0.01	0.01	1.2	E
9/10/2024 13:18:00	4.3	4.6	0.3	0.01	0.01	0.01	1.0	W
9/10/2024 13:19:00	4.2	4.7	0.5	0.00	0.01	0.01	0.9	N
9/10/2024 13:20:00	4.0	4.8	0.8	0.00	0.01	0.01	0.8	NE
9/10/2024 13:21:00	3.4	4.9	1.5	0.00	0.01	0.01	1.0	E
9/10/2024 13:22:00	3.4	4.5	1.1	0.00	0.01	0.01	0.9	ESE
9/10/2024 13:23:00	3.3	4.4	1.2	0.00	0.01	0.01	0.8	ESE
9/10/2024 13:24:00	3.2	4.4	1.2	0.00	0.01	0.01	0.7	NNE
9/10/2024 13:25:00	3.2	4.3	1.2	0.00	0.01	0.01	0.7	NE
9/10/2024 13:26:00	3.1	4.3	1.2	0.00	0.01	0.01	0.7	ESE
9/10/2024 13:27:00	3.1	4.3	1.2	0.01	0.01	0.00	0.7	E
9/10/2024 13:28:00	3.0	4.3	1.3	0.01	0.01	0.00	0.6	E
9/10/2024 13:29:00	3.0	4.2	1.2	0.01	0.01	0.00	0.8	ESE
9/10/2024 13:30:00	3.0	4.2	1.1	0.01	0.01	0.00	0.9	ESE
9/10/2024 13:31:00	3.0	4.5	1.4	0.01	0.01	0.00	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
9/10/2024 13:32:00	3.7	4.4	0.7	0.01	0.01	0.00	0.8	SW
9/10/2024 13:33:00	3.6	4.7	1.1	0.01	0.01	0.00	0.9	ESE
9/10/2024 13:34:00	3.6	4.7	1.1	0.01	0.01	0.00	1.0	E
9/10/2024 13:35:00	3.6	4.7	1.1	0.01	0.01	0.00	1.1	ESE
9/10/2024 13:36:00	3.6	4.7	1.1	0.01	0.01	0.00	1.2	E
9/10/2024 13:37:00	4.2	4.7	0.4	0.01	0.01	0.00	1.0	WNW
9/10/2024 13:38:00	4.4	4.9	0.5	0.01	0.01	0.00	1.0	NNE
9/10/2024 13:39:00	4.7	5.4	0.7	0.01	0.01	0.00	1.0	ENE
9/10/2024 13:40:00	5.1	5.4	0.3	0.01	0.02	0.00	0.9	WSW
9/10/2024 13:41:00	6.8	5.4	0.0	0.02	0.02	0.01	0.8	WNW
9/10/2024 13:42:00	7.4	5.5	0.0	0.01	0.02	0.01	0.5	WNW
9/10/2024 13:43:00	7.5	5.9	0.0	0.01	0.02	0.01	0.4	NW
9/10/2024 13:44:00	7.6	6.3	0.0	0.01	0.02	0.02	0.3	NW
9/10/2024 13:45:00	7.7	6.4	0.0	0.01	0.02	0.02	0.3	NW
9/10/2024 13:46:00	7.8	6.2	0.0	0.01	0.02	0.02	0.3	NW
9/10/2024 13:47:00	7.2	6.6	0.0	0.00	0.02	0.02	0.4	ENE
9/10/2024 13:48:00	7.2	6.7	0.0	0.00	0.02	0.02	0.5	NNW
9/10/2024 13:49:00	7.3	7.0	0.0	0.00	0.02	0.02	0.6	N
9/10/2024 13:50:00	7.6	7.2	0.0	0.00	0.02	0.02	0.6	ESE
9/10/2024 13:51:00	7.7	7.2	0.0	0.00	0.02	0.02	0.5	E
9/10/2024 13:52:00	7.2	7.4	0.2	0.00	0.02	0.02	0.5	E
9/10/2024 13:53:00	7.2	7.3	0.1	0.01	0.02	0.01	0.5	E
9/10/2024 13:54:00	6.9	7.5	0.6	0.01	0.02	0.01	0.5	NNW
9/10/2024 13:55:00	6.6	7.6	1.0	0.01	0.01	0.00	0.6	E
9/10/2024 13:56:00	4.8	7.7	2.9	0.01	0.01	0.00	0.6	E
9/10/2024 13:57:00	4.2	7.7	3.5	0.01	0.01	0.00	0.8	E
9/10/2024 13:58:00	4.0	7.5	3.4	0.01	0.01	0.00	0.8	NNW
9/10/2024 13:59:00	3.9	7.4	3.5	0.01	0.01	0.00	0.9	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
9/10/2024 14:00:00	3.8	7.4	3.6	0.01	0.01	0.00	1.0	ENE
9/10/2024 14:01:00	4.3	7.3	3.0	0.01	0.01	0.00	0.9	WNW
9/10/2024 14:02:00	4.2	8.1	3.9	0.01	0.01	0.00	0.8	NNW
9/10/2024 14:03:00	4.4	8.3	3.8	0.05	0.01	0.00	0.8	NW
9/10/2024 14:04:00	4.4	8.0	3.6	0.08	0.01	0.00	0.8	NE
9/10/2024 14:05:00	4.4	7.9	3.5	0.09	0.01	0.00	0.8	ESE
9/10/2024 14:06:00	4.3	7.9	3.6	0.10	0.01	0.00	0.7	E
9/10/2024 14:07:00	4.3	7.9	3.6	0.10	0.01	0.00	0.6	ESE
9/10/2024 14:08:00	4.1	7.8	3.7	0.09	0.01	0.00	0.5	ESE
9/10/2024 14:09:00	4.1	7.4	3.2	0.09	0.01	0.00	0.6	ESE
9/10/2024 14:10:00	4.3	7.3	3.0	0.09	0.01	0.00	0.5	E
9/10/2024 14:11:00	4.3	7.2	2.9	0.09	0.01	0.00	0.5	E
9/10/2024 14:12:00	4.3	7.2	2.8	0.09	0.01	0.00	0.5	ESE
9/10/2024 14:13:00	4.4	7.1	2.7	0.09	0.01	0.00	0.6	E
9/10/2024 14:14:00	4.6	6.8	2.2	0.09	0.01	0.00	0.5	WNW
9/10/2024 14:15:00	4.6	6.8	2.1	0.09	0.01	0.00	0.4	NNW
9/10/2024 14:16:00	4.3	6.9	2.6	0.09	0.01	0.00	0.5	N
9/10/2024 14:17:00	4.5	5.8	1.4	0.09	0.01	0.00	0.5	W
9/10/2024 14:18:00	4.5	5.3	0.8	0.06	0.01	0.00	0.5	NW
9/10/2024 14:19:00	4.5	5.5	0.9	0.03	0.01	0.00	0.4	WNW
9/10/2024 14:20:00	4.8	5.3	0.5	0.02	0.01	0.00	0.3	NNW
9/10/2024 14:21:00	5.0	5.2	0.2	0.02	0.02	0.00	0.2	WNW
9/10/2024 14:22:00	5.1	5.0	0.0	0.02	0.02	0.00	0.2	WNW
9/10/2024 14:23:00	5.1	5.0	0.0	0.01	0.02	0.00	0.2	E
9/10/2024 14:24:00	5.0	4.8	0.0	0.01	0.02	0.00	0.3	E
9/10/2024 14:25:00	4.9	4.7	0.0	0.01	0.02	0.00	0.4	ESE
9/10/2024 14:26:00	4.9	4.8	0.0	0.01	0.02	0.00	0.5	ESE
9/10/2024 14:27:00	4.9	4.7	0.0	0.01	0.02	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
9/10/2024 14:28:00	4.9	4.8	0.0	0.02	0.02	0.00	0.4	NW
9/10/2024 14:29:00	4.8	4.9	0.0	0.02	0.02	0.01	0.4	WNW
9/10/2024 14:30:00	5.0	4.7	0.0	0.02	0.03	0.01	0.3	WNW
9/10/2024 14:31:00	4.8	4.8	0.0	0.02	0.03	0.01	0.4	ENE
9/10/2024 14:32:00	4.6	4.8	0.2	0.02	0.03	0.01	0.5	ESE
9/10/2024 14:33:00	4.3	4.8	0.5	0.01	0.03	0.01	0.6	E
9/10/2024 14:34:00	4.2	4.5	0.3	0.01	0.02	0.01	0.8	E
9/10/2024 14:35:00	3.7	4.4	0.7	0.01	0.02	0.02	1.0	E
9/10/2024 14:36:00	3.5	4.4	0.9	0.01	0.02	0.01	1.2	E
9/10/2024 14:37:00	3.3	4.5	1.2	0.01	0.02	0.01	1.4	ESE
9/10/2024 14:38:00	3.3	4.5	1.2	0.01	0.02	0.01	1.3	NNW
9/10/2024 14:39:00	3.3	4.6	1.3	0.01	0.02	0.01	1.1	NW
9/10/2024 14:40:00	3.4	4.5	1.1	0.01	0.02	0.01	0.9	SE
9/10/2024 14:41:00	3.4	4.5	1.1	0.01	0.02	0.01	0.8	ENE
9/10/2024 14:42:00	3.5	4.4	0.9	0.01	0.02	0.01	0.6	WNW
9/10/2024 14:43:00	3.5	4.4	0.9	0.00	0.02	0.02	0.7	NNE
9/10/2024 14:44:00	3.3	4.4	1.1	0.00	0.01	0.01	0.9	ESE
9/10/2024 14:45:00	3.3	4.7	1.4	0.00	0.01	0.01	1.0	ENE
9/10/2024 14:46:00	3.5	4.5	1.0	0.00	0.01	0.01	0.9	WNW
9/10/2024 14:47:00	3.4	4.4	1.0	0.00	0.01	0.01	0.8	NNE
9/10/2024 14:48:00	3.4	4.3	0.9	0.00	0.01	0.01	0.7	E
9/10/2024 14:49:00	3.4	4.3	0.9	0.00	0.01	0.01	0.7	ESE
9/10/2024 14:50:00	3.4	4.4	1.0	0.00	0.01	0.01	0.5	NW
9/10/2024 14:51:00	3.4	4.4	1.1	0.00	0.01	0.01	0.4	ENE
9/10/2024 14:52:00	3.4	4.4	1.0	0.00	0.01	0.01	0.4	ENE
9/10/2024 14:53:00	4.0	4.4	0.3	0.01	0.01	0.00	0.4	ESE
9/10/2024 14:54:00	4.6	4.3	0.0	0.02	0.01	0.00	0.5	E
9/10/2024 14:55:00	4.5	4.3	0.0	0.03	0.01	0.00	0.6	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
9/10/2024 14:56:00	4.8	4.3	0.0	0.03	0.01	0.00	0.6	ESE
9/10/2024 14:57:00	5.3	4.3	0.0	0.03	0.01	0.00	0.7	ESE
9/10/2024 14:58:00	5.5	4.3	0.0	0.03	0.01	0.00	0.8	E
9/10/2024 14:59:00	5.6	4.2	0.0	0.03	0.01	0.00	0.8	ENE
9/10/2024 15:00:00	5.9	4.0	0.0	0.03	0.01	0.00	0.8	NE
9/10/2024 15:01:00	5.9	4.0	0.0	0.03	0.01	0.00	0.9	E
9/10/2024 15:02:00	6.0	4.0	0.0	0.03	0.01	0.00	1.0	ESE
9/10/2024 15:03:00	6.1	4.0	0.0	0.03	0.01	0.00	1.1	E
9/10/2024 15:04:00	6.2	4.0	0.0	0.03	0.01	0.00	1.2	E
9/10/2024 15:05:00	6.3	3.9	0.0	0.03	0.01	0.00	1.3	SE
9/10/2024 15:06:00	6.4	3.9	0.0	0.03	0.01	0.00	1.3	ESE
9/10/2024 15:07:00	6.3	3.9	0.0	0.03	0.01	0.00	1.4	E
9/10/2024 15:08:00	5.7	3.8	0.0	0.02	0.01	0.00	1.4	E
9/10/2024 15:09:00	5.2	3.8	0.0	0.01	0.01	0.00	1.2	SW
9/10/2024 15:10:00	5.2	5.9	0.7	0.00	0.01	0.01	1.1	WSW
9/10/2024 15:11:00	6.6	5.9	0.0	0.00	0.01	0.01	1.1	ESE
9/10/2024 15:12:00	6.2	5.9	0.0	0.01	0.01	0.00	1.1	ESE
9/10/2024 15:13:00	6.0	5.9	0.0	0.01	0.01	0.00	1.1	ESE
9/10/2024 15:14:00	6.0	5.9	0.0	0.01	0.01	0.00	1.1	ESE
9/10/2024 15:15:00	5.6	5.9	0.3	0.01	0.01	0.00	1.1	ESE
9/10/2024 15:16:00							1.0	E
9/10/2024 15:17:00							0.9	WNW