

SITE OBSERVATION REPORT

PROJECT No.: 170747001 PROJECT: C224398 – 1709 Surf Avenue LOCATION: 1709 Surf Avenue, Brooklyn, New York	CLIENT: Coney Island Associates Phase 3 LLC c/o BFC Partners	DATE: Fri, June 27, 2025 WEATHER: Cloudy, 58 – 78 °F Wind: SSW 1-10 mph TIME: 7:10 am to 6:15 pm
CONTRACTOR'S EQUIPMENT: Doosan DL 300 Loader Doosan DX300LC Excavator Bobcat S590 Skid Steer Bobcat E45 Mini Excavator CAT 345C Excavator CAT 350L Excavator Mixing Tank Flexible Hosing and High-Volume Water Pump	PRESENT AT SITE: RAWP Implementation Day 72 Environmental (Langan) – Mike Pinnella General Contractor (BFC Construction) Foundation Contractor (Precise Contracting [Precise]) Deep Foundation Contractor (RYC Turbos Corp.)	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan was present to oversee implementation of the November 20, 2024 Remedial Action Work Plan (RAWP) and March 27, 2025 In-Situ Groundwater Treatment Remedial Design Plan for Brownfield Cleanup Program (BCP) Site No. C224398 at 1709 Surf Avenue. Observed activities were as follows: Site Activities - Precise continued implementation of the contingency groundwater treatment plan in the southern part of the site. Precise mixed about 400 gallons of PetroFix™ with 800 gallons of hydrant water. Then, about 260 pounds of Electron Acceptor (EA) blend was mixed with the diluted PetroFix™. The remedial product was mixed using a drill mixer inside an approximately 1,000-gallon mixing tank. Flexible hosing and a high-volume water pump were used to apply the remedial product to the base of the excavation at about 8 feet below grade surface (bgs). Following the application of the reagent product, the about 140-foot-long by 80-foot-wide excavation was backfilled with 0.5 foot of pipe sand to about 7.5 feet below grade surface (bgs). Backfilled pipe sand was imported from Braen Stone of Sparta, located in Lafayette, New Jersey. Sampling - No samples were collected.		
Cc: B. Gochenaur, L. Esmail, M. Aronica (Langan)	By: Mike Pinnella LANGAN	

SITE OBSERVATION REPORT

CAMP Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind) and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOC). Particulate and VOC concentrations did not exceed the action levels established in the site Community Air Monitoring Program (CAMP). Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities

- Precise will continue site wide excavation and offsite disposal of non-hazardous fill/soil.
- Precise will continue to import approved backfill.
- Langan will continue to collect endpoint and sidewall samples from remedial subgrade across the site.
- Langan will continue implementation of the contingency groundwater treatment plan.

Cc:	B. Gochenaur, L. Esmail, M. Aronica (Langan)	By:	Mike Pinnella LANGAN
-----	--	-----	--------------------------------

SITE OBSERVATION REPORT

Material Tracking

- Twelve truckloads of pipe sand (284.54 tons) were imported from Braen Stone of Sparta located in Lafayette, New Jersey.
- No material was exported from the site.

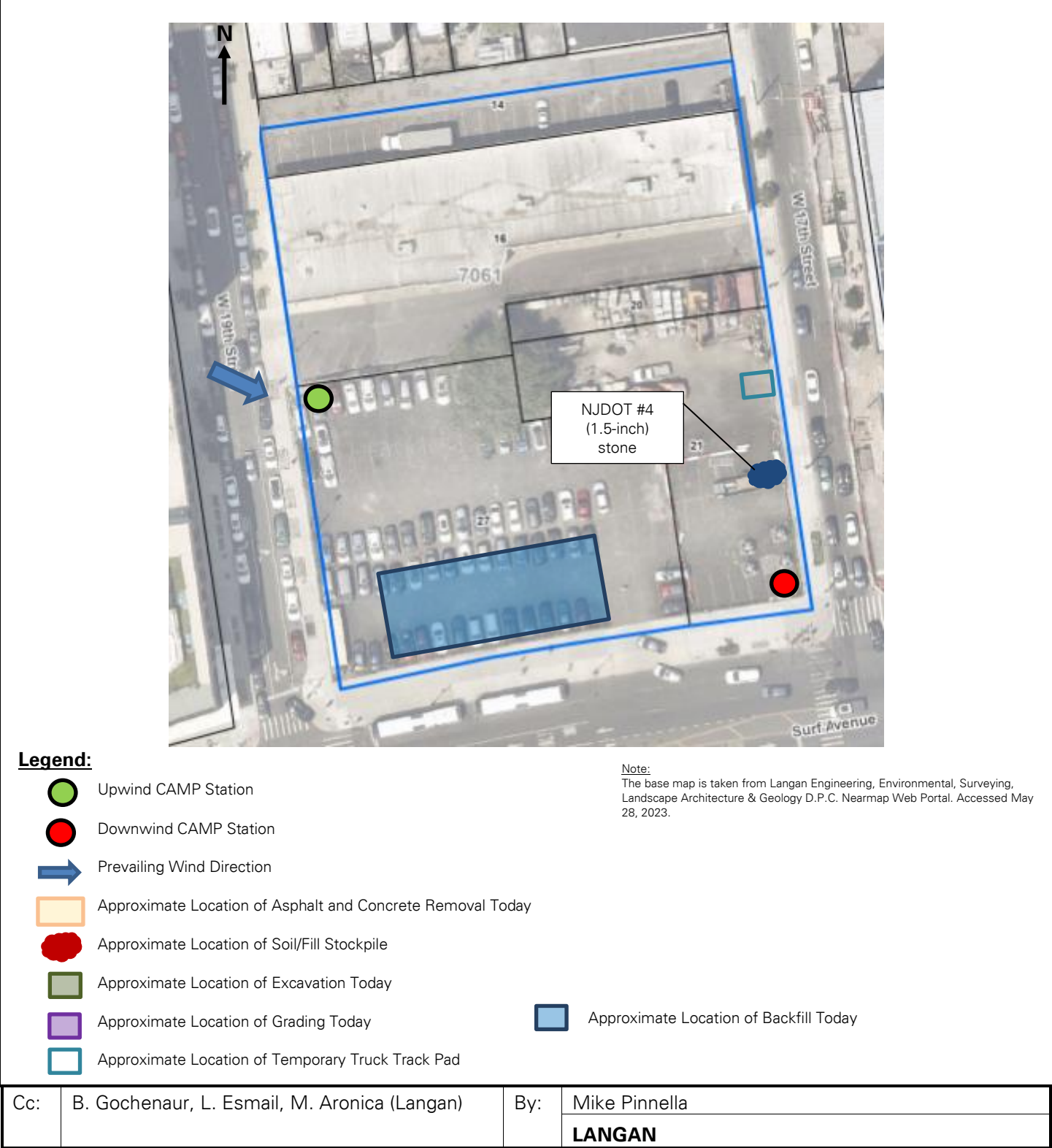
MATERIALS EXPORT SUMMARY						
Facility Name	Clean Earth Carteret		Clean Earth Carteret		Clean Earth New Castle	
Location	Carteret, New Jersey		Carteret, New Jersey		New Castle, Delaware	
Type of Material	Non-hazardous fill/soil - Standard		Non-hazardous fill/soil - Elevated		Non-hazardous fill/soil	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	0	0	0	0	0	0
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	408	8,160	26	520	78	1,560

MATERIALS IMPORT SUMMARY						
Facility Name	Braen Aggregates, LLC					
Location	Franklin, New Jersey		Lafayette, New Jersey			
Type of Material	NJDOT #3 (2.5-inch) stone		Pipe Sand		NJDOT #4 (1.5-inch) stone	
Today	Number of Loads	Approx. Volume (Tons)	Number of Loads	Approx. Volume (Tons)	Number of Loads	Approx. Volume (Tons)
	0	0	12	284.54	0	0
Total	Number of Loads	Approx. Volume (Tons)	Number of Loads	Approx. Volume (Tons)	Number of Loads	Approx. Volume (Tons)
	4	74.11	193	4,421.36	4	69.27
NYSDEC Approval Quantity		500 CY (700 tons)	4,300 CY (6,020 tons)		500 (700 tons)	

Cc:	B. Gochenaur, L. Esmail, M. Aronica (Langan)	By:	Mike Pinnella
		LANGAN	

SITE OBSERVATION REPORT

FIGURE 1: SITE PLAN



SITE OBSERVATION REPORT

FIGURE 2: ENDPOINT/SIDEWALL SAMPLE LOCATION MAP



Legend

- Approximate Site Boundary
- Excavation to about 2 feet bgs
- Excavation to about 3 feet bgs
- Excavation to about 4 feet bgs
- Excavation to about 5 feet bgs
- Excavation to about 6 feet bgs
- Excavation to about 16 feet bgs to Remove Petroleum Impacts
- Proposed Endpoint Sample Location
- Proposed Sidewall Sample Location

- Endpoint/Sidewall Sample(s) Collected Since Last Report
- Previously Collected Endpoint/Sidewall Samples
- Endpoint/Sidewall Sample(s) Re-collected Since Last Report

Cc:	B. Gochenaur, L. Esmail, M. Aronica (Langan)	By:	Mike Pinnella
			LANGAN

SITE OBSERVATION REPORT

SITE PHOTOGRAPHS

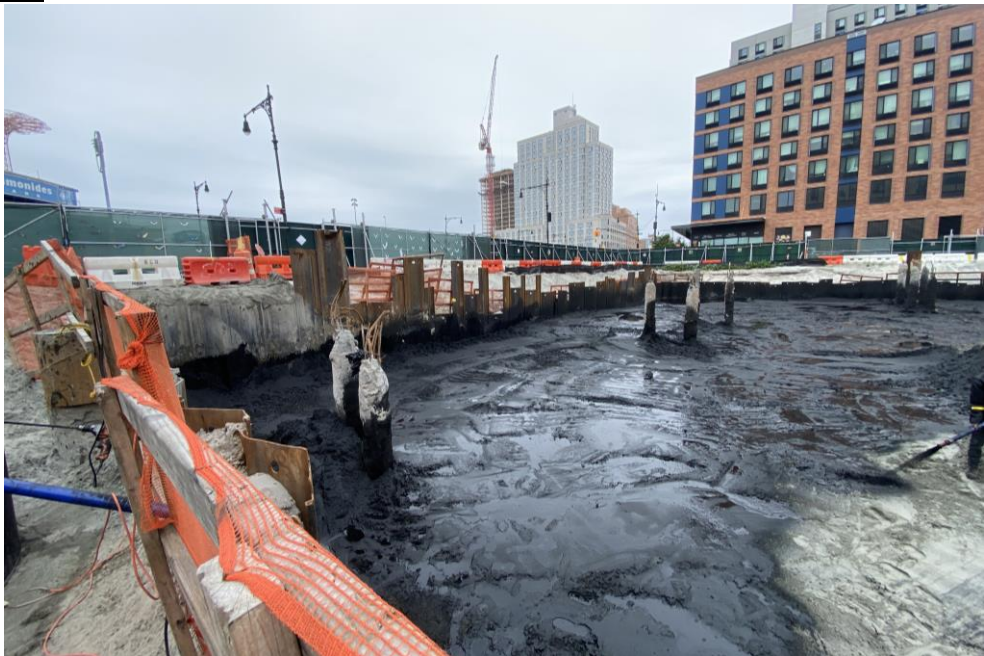


Photo 1: View of the remedial product applied within the excavation in the southern part of the site (facing southwest).

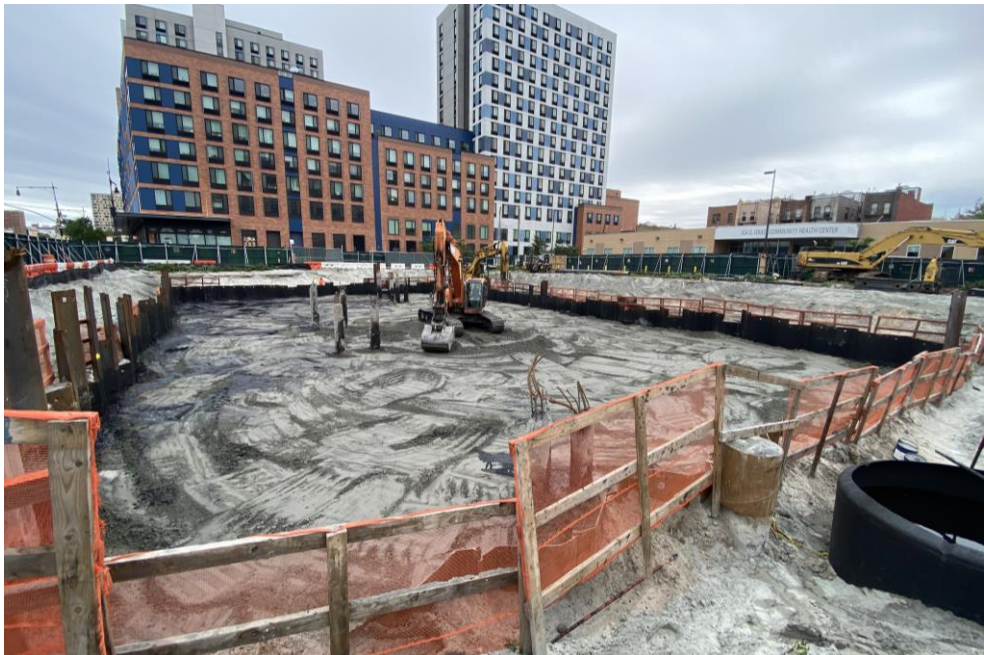


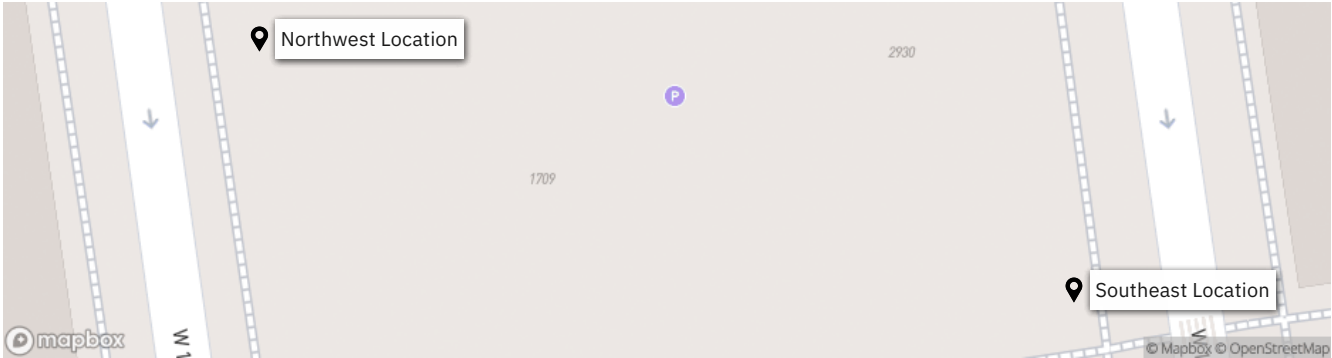
Photo 2: Precise backfilling pipe sand on top of treated remedial subgrade in the southern part of the site (facing northwest).

Cc:	B. Gochenaur, L. Esmail, M. Aronica (Langan)	By:	Mike Pinnella
			LANGAN

LANGAN Site Contribution Report	170747001 - 1709 Surf Ave	
	Report Period	
	From:	6/27/2025 00:00
	To:	6/27/2025 17:00
	PM10 Action Level:	150 µg/m³
	VOC Action Level:	5000 ppb

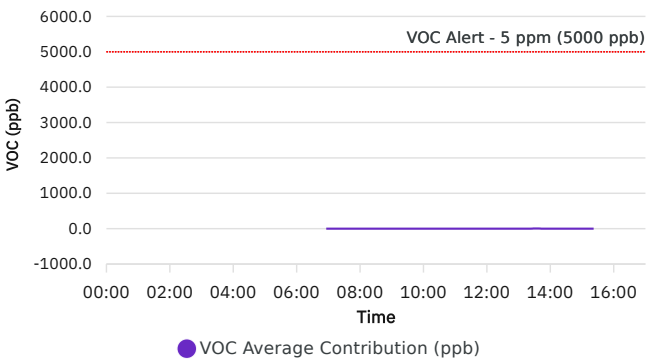
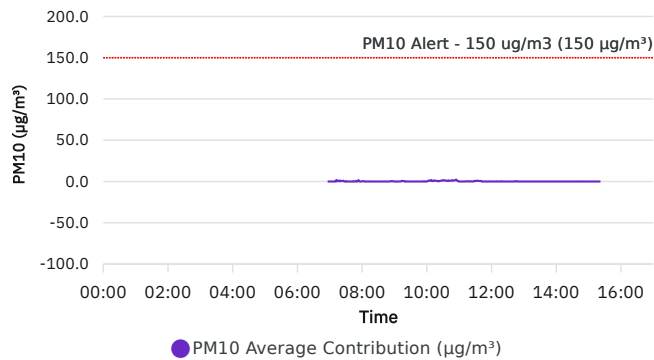
Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
06/27/2025	64.4 - 68.5	57.7 - 78.3	30.1 - 31.2	1.1 - 9.9	SSW

Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppb)	Time
Min Contribution (15 min avg.) - 6/27/2025	0.0	06:56	0.0	06:56
Max Contribution (15 min avg.) - 6/27/2025	2.2	10:54	5.3	13:28
Daily Avg. Contribution (15 min avg.) - 6/27/2025	0.2	-	0.2	-

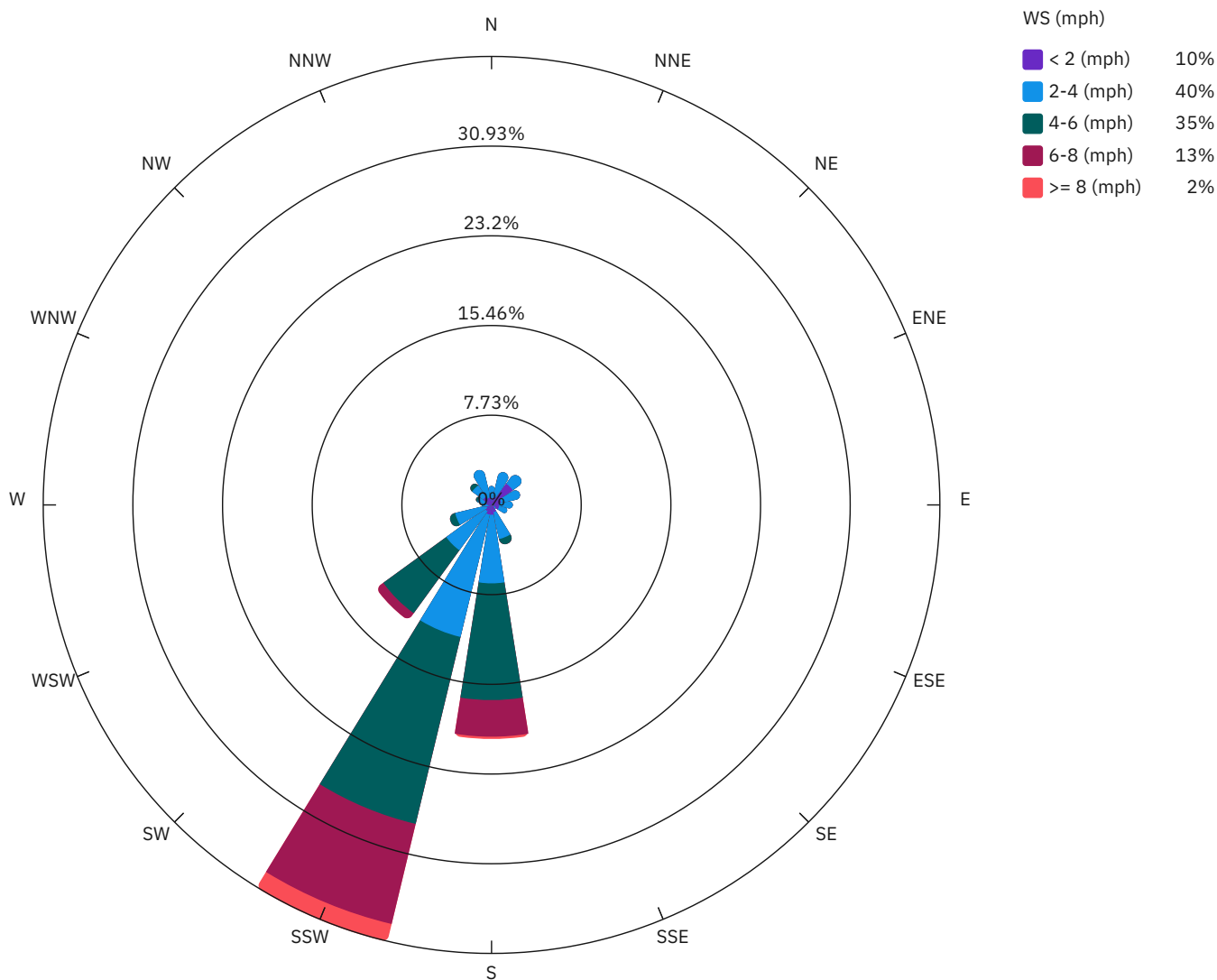


PM10 Average Contribution (µg/m³)

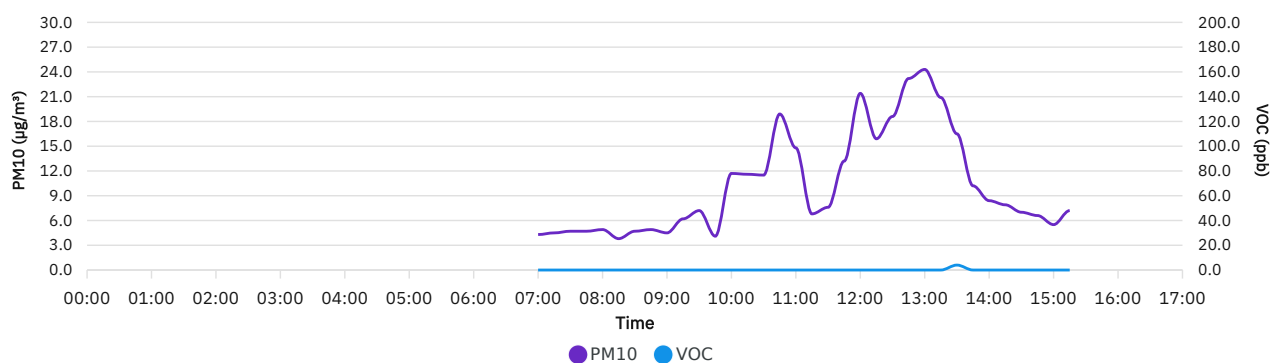
VOC Average Contribution (ppb)



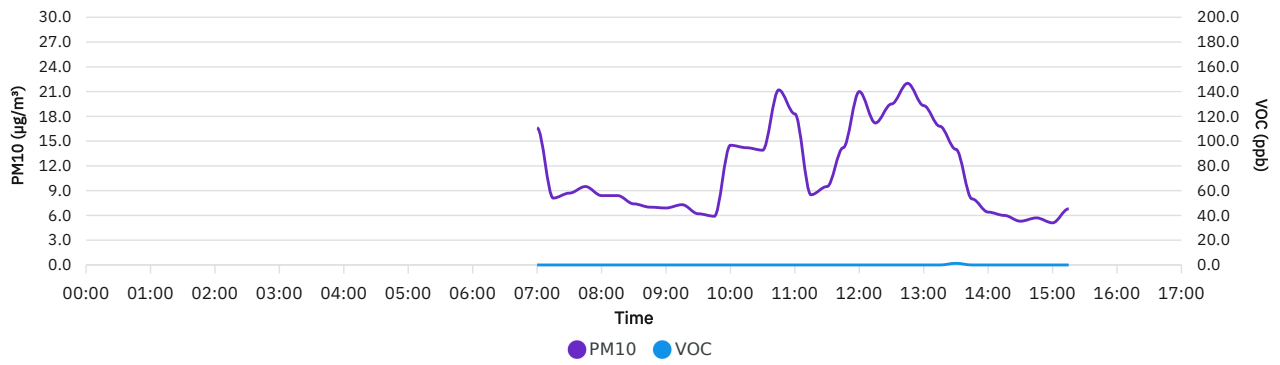
Wind rose (mph)



Northwest Location



Southeast Location



Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 06:56:00	20.6	4.4	0.0	0.0	0.0	0.0	2.1	S
6/27/2025 06:57:00	12.5	10.0	0.0	0.0	0.0	0.0	1.7	NW
6/27/2025 06:58:00	13.5	8.1	0.0	0.0	0.0	0.0	1.3	NNE
6/27/2025 06:59:00	11.2	10.0	0.0	0.0	0.0	0.0	0.9	SSW
6/27/2025 07:00:00	12.1	8.8	0.0	0.0	0.0	0.0	0.5	NE
6/27/2025 07:01:00	10.8	9.9	0.0	0.0	0.0	0.0	0.8	N
6/27/2025 07:02:00	9.8	9.6	0.0	0.0	0.0	0.0	1.2	NNW
6/27/2025 07:03:00	9.5	8.9	0.0	0.0	0.0	0.0	1.1	ENE
6/27/2025 07:04:00	9.2	8.3	0.0	0.0	0.0	0.0	1.3	NNE
6/27/2025 07:05:00	8.8	8.2	0.0	0.0	0.0	0.0	1.4	NW
6/27/2025 07:06:00	8.4	8.1	0.0	0.0	0.0	0.0	1.4	NNW
6/27/2025 07:07:00	8.2	7.9	0.0	0.0	0.0	0.0	1.4	ENE
6/27/2025 07:08:00	8.1	7.7	0.0	0.0	0.0	0.0	1.3	E
6/27/2025 07:09:00	7.8	7.6	0.0	0.0	0.0	0.0	1.3	NNW
6/27/2025 07:10:00	7.8	7.5	0.0	0.0	0.0	0.0	1.4	NNE
6/27/2025 07:11:00	6.7	7.7	0.9	0.0	0.0	0.0	1.6	N
6/27/2025 07:12:00	6.7	7.1	0.4	0.0	0.0	0.0	1.3	WSW
6/27/2025 07:13:00	6.0	7.3	1.3	0.0	0.0	0.0	1.1	SW
6/27/2025 07:14:00	6.0	6.7	0.7	0.0	0.0	0.0	1.4	WNW
6/27/2025 07:15:00	5.8	6.8	0.9	0.0	0.0	0.0	1.3	E
6/27/2025 07:16:00	5.9	6.2	0.3	0.0	0.0	0.0	1.0	WSW
6/27/2025 07:17:00	5.9	6.2	0.3	0.0	0.0	0.0	0.8	W
6/27/2025 07:18:00	5.7	6.4	0.7	0.0	0.0	0.0	1.0	NW
6/27/2025 07:19:00	5.5	6.6	1.1	0.0	0.0	0.0	1.0	N
6/27/2025 07:20:00	5.7	6.4	0.7	0.0	0.0	0.0	0.7	ESE
6/27/2025 07:21:00	5.9	6.3	0.4	0.0	0.0	0.0	0.6	NE
6/27/2025 07:22:00	5.8	6.5	0.7	0.0	0.0	0.0	0.8	N
6/27/2025 07:23:00	6.0	6.5	0.5	0.0	0.0	0.0	0.8	E
6/27/2025 07:24:00	6.0	6.5	0.5	0.0	0.0	0.0	0.6	WSW
6/27/2025 07:25:00	5.8	6.7	0.9	0.0	0.0	0.0	0.7	W
6/27/2025 07:26:00	6.0	6.5	0.5	0.0	0.0	0.0	0.8	NNE
6/27/2025 07:27:00	6.3	6.4	0.1	0.0	0.0	0.0	0.7	NE

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 07:28:00	6.5	6.2	0.0	0.0	0.0	0.0	0.8	ENE
6/27/2025 07:29:00	7.0	6.0	0.0	0.0	0.0	0.0	0.7	ESE
6/27/2025 07:30:00	6.5	6.9	0.4	0.0	0.0	0.0	0.9	NNW
6/27/2025 07:31:00	6.7	6.7	0.0	0.0	0.0	0.0	1.1	NE
6/27/2025 07:32:00	7.0	6.6	0.0	0.0	0.0	0.0	1.3	ENE
6/27/2025 07:33:00	7.3	6.5	0.0	0.0	0.0	0.0	1.4	NNE
6/27/2025 07:34:00	7.3	6.7	0.0	0.0	0.0	0.0	1.2	WNW
6/27/2025 07:35:00	7.3	6.7	0.0	0.0	0.0	0.0	1.3	NE
6/27/2025 07:36:00	7.1	6.9	0.0	0.0	0.0	0.0	1.3	NW
6/27/2025 07:37:00	7.5	6.6	0.0	0.0	0.0	0.0	1.2	ESE
6/27/2025 07:38:00	8.0	6.6	0.0	0.0	0.0	0.0	1.1	E
6/27/2025 07:39:00	8.0	6.6	0.0	0.0	0.0	0.0	1.2	W
6/27/2025 07:40:00	8.0	6.6	0.0	0.0	0.0	0.0	1.2	NW
6/27/2025 07:41:00	7.8	6.9	0.0	0.0	0.0	0.0	1.2	N
6/27/2025 07:42:00	7.6	7.7	0.1	0.0	0.0	0.0	1.1	WNW
6/27/2025 07:43:00	7.6	7.6	0.0	0.0	0.0	0.0	1.0	NE
6/27/2025 07:44:00	7.3	7.6	0.3	0.0	0.0	0.0	1.2	NE
6/27/2025 07:45:00	7.5	6.8	0.0	0.0	0.0	0.0	1.2	ENE
6/27/2025 07:46:00	7.2	7.0	0.0	0.0	0.0	0.0	1.2	NNW
6/27/2025 07:47:00	7.0	7.2	0.2	0.0	0.0	0.0	1.2	NW
6/27/2025 07:48:00	6.8	7.4	0.6	0.0	0.0	0.0	1.0	SSW
6/27/2025 07:49:00	6.9	7.0	0.1	0.0	0.0	0.0	0.8	SSE
6/27/2025 07:50:00	7.0	7.1	0.1	0.0	0.0	0.0	0.9	NNE
6/27/2025 07:51:00	7.2	7.1	0.0	0.0	0.0	0.0	1.0	N
6/27/2025 07:52:00	6.8	7.3	0.6	0.0	0.0	0.0	1.1	NNW
6/27/2025 07:53:00	6.1	7.5	1.5	0.0	0.0	0.0	1.4	NW
6/27/2025 07:54:00	6.3	7.3	1.1	0.0	0.0	0.0	1.5	NNE
6/27/2025 07:55:00	7.0	7.1	0.1	0.0	0.0	0.0	1.5	NE
6/27/2025 07:56:00	7.3	6.8	0.0	0.0	0.0	0.0	1.4	ENE
6/27/2025 07:57:00	7.3	6.2	0.0	0.0	0.0	0.0	1.5	NNW
6/27/2025 07:58:00	7.0	6.5	0.0	0.0	0.0	0.0	1.6	NNW
6/27/2025 07:59:00	6.7	6.6	0.0	0.0	0.0	0.0	1.6	N

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 08:00:00	6.5	6.8	0.3	0.0	0.0	0.0	1.7	NW
6/27/2025 08:01:00	6.4	6.7	0.3	0.0	0.0	0.0	1.6	NW
6/27/2025 08:02:00	6.3	6.6	0.3	0.0	0.0	0.0	1.7	WNW
6/27/2025 08:03:00	6.1	6.7	0.5	0.0	0.0	0.0	2.0	N
6/27/2025 08:04:00	6.4	6.6	0.2	0.0	0.0	0.0	2.3	NNE
6/27/2025 08:05:00	6.4	6.4	0.0	0.0	0.0	0.0	2.2	NE
6/27/2025 08:06:00	6.5	6.2	0.0	0.0	0.0	0.0	2.1	ENE
6/27/2025 08:07:00	6.5	6.3	0.0	0.0	0.0	0.0	2.0	WNW
6/27/2025 08:08:00	6.7	6.0	0.0	0.0	0.0	0.0	1.8	ENE
6/27/2025 08:09:00	6.8	5.9	0.0	0.0	0.0	0.0	1.7	ENE
6/27/2025 08:10:00	6.3	5.8	0.0	0.0	0.0	0.0	1.7	NE
6/27/2025 08:11:00	5.9	6.1	0.2	0.0	0.0	0.0	1.9	NNE
6/27/2025 08:12:00	6.2	5.8	0.0	0.0	0.0	0.0	1.6	ESE
6/27/2025 08:13:00	6.5	5.6	0.0	0.0	0.0	0.0	1.6	ENE
6/27/2025 08:14:00	6.8	5.3	0.0	0.0	0.0	0.0	1.2	S
6/27/2025 08:15:00	6.8	5.4	0.0	0.0	0.0	0.0	1.0	SSW
6/27/2025 08:16:00	7.1	5.2	0.0	0.0	0.0	0.0	1.0	SE
6/27/2025 08:17:00	7.4	5.1	0.0	0.0	0.0	0.0	1.0	SSE
6/27/2025 08:18:00	7.6	4.8	0.0	0.0	0.0	0.0	1.0	S
6/27/2025 08:19:00	7.1	5.0	0.0	0.0	0.0	0.0	1.0	SSW
6/27/2025 08:20:00	6.8	5.3	0.0	0.0	0.0	0.0	0.9	W
6/27/2025 08:21:00	6.6	5.5	0.0	0.0	0.0	0.0	0.7	NW
6/27/2025 08:22:00	6.7	5.3	0.0	0.0	0.0	0.0	0.7	NNW
6/27/2025 08:23:00	6.5	5.4	0.0	0.0	0.0	0.0	0.6	NNE
6/27/2025 08:24:00	6.5	5.4	0.0	0.0	0.0	0.0	0.6	NNE
6/27/2025 08:25:00	6.2	5.7	0.0	0.0	0.0	0.0	0.5	WSW
6/27/2025 08:26:00	6.4	5.4	0.0	0.0	0.0	0.0	0.7	ENE
6/27/2025 08:27:00	6.4	5.4	0.0	0.0	0.0	0.0	0.6	ENE
6/27/2025 08:28:00	6.1	5.6	0.0	0.0	0.0	0.0	0.5	NNW
6/27/2025 08:29:00	6.1	5.9	0.0	0.0	0.0	0.0	0.5	S
6/27/2025 08:30:00	6.2	5.8	0.0	0.0	0.0	0.0	0.5	SSW
6/27/2025 08:31:00	6.2	5.9	0.0	0.0	0.0	0.0	0.7	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 08:32:00	6.3	6.0	0.0	0.0	0.0	0.0	0.6	SSE
6/27/2025 08:33:00	6.3	6.0	0.0	0.0	0.0	0.0	0.3	E
6/27/2025 08:34:00	6.5	5.8	0.0	0.0	0.0	0.0	0.2	NE
6/27/2025 08:35:00	6.7	5.6	0.0	0.0	0.0	0.0	0.3	S
6/27/2025 08:36:00	7.3	5.6	0.0	0.0	0.0	0.0	0.5	SSW
6/27/2025 08:37:00	7.4	5.4	0.0	0.0	0.0	0.0	0.9	S
6/27/2025 08:38:00	7.4	5.4	0.0	0.0	0.0	0.0	1.1	S
6/27/2025 08:39:00	7.3	5.4	0.0	0.0	0.0	0.0	1.4	SSW
6/27/2025 08:40:00	7.3	5.3	0.0	0.0	0.0	0.0	1.4	SW
6/27/2025 08:41:00	7.3	5.3	0.0	0.0	0.0	0.0	1.3	NNE
6/27/2025 08:42:00	7.3	5.3	0.0	0.0	0.0	0.0	1.3	NE
6/27/2025 08:43:00	7.4	5.1	0.0	0.0	0.0	0.0	1.6	SSE
6/27/2025 08:44:00	7.2	5.0	0.0	0.0	0.0	0.0	1.6	SW
6/27/2025 08:45:00	7.0	4.9	0.0	0.0	0.0	0.0	1.6	SSW
6/27/2025 08:46:00	6.9	4.8	0.0	0.0	0.0	0.0	1.5	S
6/27/2025 08:47:00	6.6	4.9	0.0	0.0	0.0	0.0	1.4	SW
6/27/2025 08:48:00	6.3	5.1	0.0	0.0	0.0	0.0	1.6	SSW
6/27/2025 08:49:00	6.3	5.1	0.0	0.0	0.0	0.0	1.5	NE
6/27/2025 08:50:00	6.1	5.1	0.0	0.0	0.0	0.0	1.3	NNW
6/27/2025 08:51:00	5.4	5.1	0.0	0.0	0.0	0.0	1.3	WSW
6/27/2025 08:52:00	5.3	5.3	0.1	0.0	0.0	0.0	1.1	WNW
6/27/2025 08:53:00	5.2	5.5	0.3	0.0	0.0	0.0	0.9	NNW
6/27/2025 08:54:00	5.1	5.6	0.5	0.0	0.0	0.0	0.7	NNW
6/27/2025 08:55:00	5.3	5.6	0.3	0.0	0.0	0.0	0.5	ESE
6/27/2025 08:56:00	5.2	5.6	0.4	0.0	0.0	0.0	0.5	NNE
6/27/2025 08:57:00	5.3	5.7	0.4	0.0	0.0	0.0	0.4	E
6/27/2025 08:58:00	5.6	5.7	0.1	0.0	0.0	0.0	0.3	E
6/27/2025 08:59:00	5.8	5.5	0.0	0.0	0.0	0.0	0.4	NE
6/27/2025 09:00:00	5.8	5.5	0.0	0.0	0.0	0.0	0.7	NNW
6/27/2025 09:01:00	5.6	5.7	0.1	0.0	0.0	0.0	0.9	WNW
6/27/2025 09:02:00	5.8	5.6	0.0	0.0	0.0	0.0	0.6	S
6/27/2025 09:03:00	5.9	5.6	0.0	0.0	0.0	0.0	0.6	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 09:04:00	5.8	5.8	0.0	0.0	0.0	0.0	0.4	SSW
6/27/2025 09:05:00	5.9	5.7	0.0	0.0	0.0	0.0	0.6	S
6/27/2025 09:06:00	6.0	5.7	0.0	0.0	0.0	0.0	0.7	SSW
6/27/2025 09:07:00	6.1	5.5	0.0	0.0	0.0	0.0	1.1	S
6/27/2025 09:08:00	6.2	5.7	0.0	0.0	0.0	0.0	1.6	S
6/27/2025 09:09:00	6.5	5.8	0.0	0.0	0.0	0.0	1.8	NW
6/27/2025 09:10:00	6.5	5.8	0.0	0.0	0.0	0.0	1.9	SSE
6/27/2025 09:11:00	6.6	6.1	0.0	0.0	0.0	0.0	2.4	SSW
6/27/2025 09:12:00	6.7	6.7	0.1	0.0	0.0	0.0	2.7	SW
6/27/2025 09:13:00	6.3	7.0	0.7	0.0	0.0	0.0	2.9	SW
6/27/2025 09:14:00	6.3	7.1	0.8	0.0	0.0	0.0	2.9	NE
6/27/2025 09:15:00	6.5	7.0	0.6	0.0	0.0	0.0	3.0	NE
6/27/2025 09:16:00	6.5	7.0	0.5	0.0	0.0	0.0	2.9	NNW
6/27/2025 09:17:00	6.5	7.0	0.5	0.0	0.0	0.0	2.4	ENE
6/27/2025 09:18:00	6.6	6.9	0.3	0.0	0.0	0.0	2.0	NNE
6/27/2025 09:19:00	6.7	6.6	0.0	0.0	0.0	0.0	1.6	NE
6/27/2025 09:20:00	6.5	6.8	0.3	0.0	0.0	0.0	1.3	SSW
6/27/2025 09:21:00	6.6	6.6	0.0	0.0	0.0	0.0	1.2	S
6/27/2025 09:22:00	6.8	6.7	0.0	0.0	0.0	0.0	1.2	SSW
6/27/2025 09:23:00	8.8	6.5	0.0	0.0	0.0	0.0	1.1	SW
6/27/2025 09:24:00	8.8	6.5	0.0	0.0	0.0	0.0	1.3	SSW
6/27/2025 09:25:00	8.7	6.5	0.0	0.0	0.0	0.0	1.6	SSW
6/27/2025 09:26:00	8.5	6.3	0.0	0.0	0.0	0.0	1.6	SSW
6/27/2025 09:27:00	8.2	5.8	0.0	0.0	0.0	0.0	1.7	SSW
6/27/2025 09:28:00	8.1	5.6	0.0	0.0	0.0	0.0	1.8	SSW
6/27/2025 09:29:00	8.0	5.5	0.0	0.0	0.0	0.0	2.2	S
6/27/2025 09:30:00	8.0	5.4	0.0	0.0	0.0	0.0	2.4	SSE
6/27/2025 09:31:00	8.1	5.3	0.0	0.0	0.0	0.0	2.8	S
6/27/2025 09:32:00	8.0	5.2	0.0	0.0	0.0	0.0	3.0	SSE
6/27/2025 09:33:00	7.9	5.3	0.0	0.0	0.0	0.0	3.4	SW
6/27/2025 09:34:00	7.9	5.3	0.0	0.0	0.0	0.0	3.8	S
6/27/2025 09:35:00	8.0	5.2	0.0	0.0	0.0	0.0	3.9	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 09:36:00	7.9	5.3	0.0	0.0	0.0	0.0	3.7	SSW
6/27/2025 09:37:00	7.6	5.2	0.0	0.0	0.0	0.0	3.7	SSW
6/27/2025 09:38:00	5.5	5.1	0.0	0.0	0.0	0.0	3.9	S
6/27/2025 09:39:00	5.1	5.0	0.0	0.0	0.0	0.0	4.1	SSW
6/27/2025 09:40:00	5.1	5.0	0.0	0.0	0.0	0.0	3.9	SW
6/27/2025 09:41:00	5.1	4.9	0.0	0.0	0.0	0.0	3.8	SSW
6/27/2025 09:42:00	5.1	4.9	0.0	0.0	0.0	0.0	3.6	WSW
6/27/2025 09:43:00	5.2	4.8	0.0	0.0	0.0	0.0	3.4	S
6/27/2025 09:44:00	5.2	4.8	0.0	0.0	0.0	0.0	3.4	S
6/27/2025 09:45:00	5.1	4.9	0.0	0.0	0.0	0.0	3.6	SW
6/27/2025 09:46:00	5.1	4.9	0.0	0.0	0.0	0.0	3.7	S
6/27/2025 09:47:00	5.1	5.0	0.0	0.0	0.0	0.0	4.1	S
6/27/2025 09:48:00	5.2	4.9	0.0	0.0	0.0	0.0	4.3	S
6/27/2025 09:49:00	5.2	5.2	0.0	0.0	0.0	0.0	4.6	SSW
6/27/2025 09:50:00	5.6	5.4	0.0	0.0	0.0	0.0	4.6	S
6/27/2025 09:51:00	6.3	6.1	0.0	0.0	0.0	0.0	4.9	SSW
6/27/2025 09:52:00	7.0	6.9	0.0	0.0	0.0	0.0	4.9	SSW
6/27/2025 09:53:00	7.8	8.0	0.2	0.0	0.0	0.0	4.8	SSW
6/27/2025 09:54:00	8.9	8.8	0.0	0.0	0.0	0.0	4.7	S
6/27/2025 09:55:00	9.6	9.7	0.1	0.0	0.0	0.0	4.8	SW
6/27/2025 09:56:00	10.3	10.5	0.2	0.0	0.0	0.0	4.9	SSW
6/27/2025 09:57:00	11.1	11.1	0.0	0.0	0.0	0.0	5.0	S
6/27/2025 09:58:00	11.8	11.7	0.0	0.0	0.0	0.0	5.1	SSE
6/27/2025 09:59:00	12.5	12.3	0.0	0.0	0.0	0.0	5.2	S
6/27/2025 10:00:00	13.1	13.1	0.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 10:01:00	13.5	13.8	0.3	0.0	0.0	0.0	4.9	SSW
6/27/2025 10:02:00	13.9	14.5	0.6	0.0	0.0	0.0	4.8	SSW
6/27/2025 10:03:00	14.3	15.2	0.9	0.0	0.0	0.0	4.7	SSW
6/27/2025 10:04:00	14.8	15.6	0.7	0.0	0.0	0.0	4.3	WSW
6/27/2025 10:05:00	15.1	16.3	1.2	0.0	0.0	0.0	4.4	SSW
6/27/2025 10:06:00	15.1	16.5	1.3	0.0	0.0	0.0	4.4	SSW
6/27/2025 10:07:00	15.2	16.5	1.4	0.0	0.0	0.0	4.3	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 10:08:00	15.1	16.1	0.9	0.0	0.0	0.0	3.8	E
6/27/2025 10:09:00	14.5	15.8	1.3	0.0	0.0	0.0	3.8	SSW
6/27/2025 10:10:00	14.4	15.2	0.8	0.0	0.0	0.0	3.9	S
6/27/2025 10:11:00	14.2	14.6	0.5	0.0	0.0	0.0	4.0	S
6/27/2025 10:12:00	13.6	14.5	0.8	0.0	0.0	0.0	4.0	SSW
6/27/2025 10:13:00	13.1	14.3	1.2	0.0	0.0	0.0	4.3	SSW
6/27/2025 10:14:00	12.7	14.0	1.3	0.0	0.0	0.0	4.3	S
6/27/2025 10:15:00	12.4	13.4	0.9	0.0	0.0	0.0	4.4	S
6/27/2025 10:16:00	12.1	12.9	0.9	0.0	0.0	0.0	4.2	SSW
6/27/2025 10:17:00	11.8	12.5	0.8	0.0	0.0	0.0	4.2	SSW
6/27/2025 10:18:00	11.4	12.1	0.7	0.0	0.0	0.0	4.1	SSW
6/27/2025 10:19:00	10.9	11.7	0.8	0.0	0.0	0.0	4.3	SSW
6/27/2025 10:20:00	10.5	11.1	0.5	0.0	0.0	0.0	4.2	S
6/27/2025 10:21:00	10.1	10.5	0.4	0.0	0.0	0.0	4.0	SW
6/27/2025 10:22:00	9.8	10.0	0.2	0.0	0.0	0.0	4.3	SSW
6/27/2025 10:23:00	9.3	10.0	0.6	0.0	0.0	0.0	4.8	SSW
6/27/2025 10:24:00	9.2	10.0	0.7	0.0	0.0	0.0	5.0	SSW
6/27/2025 10:25:00	9.3	10.0	0.7	0.0	0.0	0.0	5.0	S
6/27/2025 10:26:00	9.6	10.6	1.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 10:27:00	10.2	11.2	1.0	0.0	0.0	0.0	5.1	SSW
6/27/2025 10:28:00	10.9	11.9	1.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 10:29:00	11.3	12.7	1.3	0.0	0.0	0.0	5.0	SW
6/27/2025 10:30:00	11.9	13.6	1.7	0.0	0.0	0.0	5.0	SSW
6/27/2025 10:31:00	12.7	14.2	1.6	0.0	0.0	0.0	5.1	SW
6/27/2025 10:32:00	13.7	14.9	1.2	0.0	0.0	0.0	5.1	S
6/27/2025 10:33:00	14.6	15.9	1.3	0.0	0.0	0.0	5.4	SSW
6/27/2025 10:34:00	15.7	16.7	1.0	0.0	0.0	0.0	5.6	SSW
6/27/2025 10:35:00	16.3	17.5	1.2	0.0	0.0	0.0	5.5	SSW
6/27/2025 10:36:00	17.0	18.1	1.1	0.0	0.0	0.0	5.5	SSE
6/27/2025 10:37:00	17.7	18.8	1.0	0.0	0.0	0.0	5.3	S
6/27/2025 10:38:00	18.5	19.2	0.7	0.0	0.0	0.0	5.2	S
6/27/2025 10:39:00	19.0	19.6	0.6	0.0	0.0	0.0	5.0	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 10:40:00	19.1	20.3	1.2	0.0	0.0	0.0	5.0	SSW
6/27/2025 10:41:00	19.4	20.3	0.9	0.0	0.0	0.0	5.1	S
6/27/2025 10:42:00	19.6	20.6	1.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 10:43:00	19.7	20.7	1.0	0.0	0.0	0.0	5.1	SSW
6/27/2025 10:44:00	19.7	20.6	0.9	0.0	0.0	0.0	5.0	SSW
6/27/2025 10:45:00	19.6	20.5	1.0	0.0	0.0	0.0	5.1	SSW
6/27/2025 10:46:00	19.3	20.5	1.2	0.0	0.0	0.0	5.2	SSW
6/27/2025 10:47:00	18.7	20.3	1.6	0.0	0.0	0.0	5.1	SSW
6/27/2025 10:48:00	18.4	19.6	1.2	0.0	0.0	0.0	4.9	S
6/27/2025 10:49:00	17.8	19.0	1.2	0.0	0.0	0.0	4.6	SSE
6/27/2025 10:50:00	17.5	18.5	1.0	0.0	0.0	0.0	4.5	S
6/27/2025 10:51:00	17.2	18.4	1.2	0.0	0.0	0.0	4.6	SSW
6/27/2025 10:52:00	16.7	18.2	1.5	0.0	0.0	0.0	4.5	SSW
6/27/2025 10:53:00	16.3	18.3	1.9	0.0	0.0	0.0	4.7	SSW
6/27/2025 10:54:00	16.1	18.3	2.2	0.0	0.0	0.0	4.6	WSW
6/27/2025 10:55:00	16.4	17.8	1.5	0.0	0.0	0.0	4.4	S
6/27/2025 10:56:00	16.4	17.7	1.3	0.0	0.0	0.0	4.2	SSW
6/27/2025 10:57:00	16.6	17.2	0.6	0.0	0.0	0.0	4.2	S
6/27/2025 10:58:00	16.5	17.1	0.6	0.0	0.0	0.0	4.2	SSW
6/27/2025 10:59:00	16.7	16.8	0.1	0.0	0.0	0.0	4.1	S
6/27/2025 11:00:00	16.7	16.4	0.0	0.0	0.0	0.0	3.9	SSW
6/27/2025 11:01:00	16.4	16.0	0.0	0.0	0.0	0.0	3.7	S
6/27/2025 11:02:00	16.1	15.6	0.0	0.0	0.0	0.0	3.7	SW
6/27/2025 11:03:00	15.7	15.1	0.0	0.0	0.0	0.0	3.7	S
6/27/2025 11:04:00	15.2	14.9	0.0	0.0	0.0	0.0	3.8	WSW
6/27/2025 11:05:00	14.7	14.4	0.0	0.0	0.0	0.0	3.8	S
6/27/2025 11:06:00	14.1	13.8	0.0	0.0	0.0	0.0	3.6	WSW
6/27/2025 11:07:00	13.7	13.0	0.0	0.0	0.0	0.0	3.5	S
6/27/2025 11:08:00	13.0	12.2	0.0	0.0	0.0	0.0	3.3	SW
6/27/2025 11:09:00	12.6	11.1	0.0	0.0	0.0	0.0	3.4	S
6/27/2025 11:10:00	11.5	10.6	0.0	0.0	0.0	0.0	3.3	SSW
6/27/2025 11:11:00	10.5	10.1	0.0	0.0	0.0	0.0	3.2	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 11:12:00	9.5	9.6	0.1	0.0	0.0	0.0	3.3	SSW
6/27/2025 11:13:00	8.9	8.7	0.0	0.0	0.0	0.0	3.2	S
6/27/2025 11:14:00	8.0	8.2	0.2	0.0	0.0	0.0	3.1	WSW
6/27/2025 11:15:00	7.5	7.8	0.4	0.0	0.0	0.0	3.2	SSW
6/27/2025 11:16:00	7.2	7.4	0.3	0.0	0.0	0.0	3.2	S
6/27/2025 11:17:00	7.2	7.3	0.1	0.0	0.0	0.0	3.2	S
6/27/2025 11:18:00	7.3	7.3	0.0	0.0	0.0	0.0	3.2	S
6/27/2025 11:19:00	7.4	7.4	0.0	0.0	0.0	0.0	3.4	SSW
6/27/2025 11:20:00	7.6	7.9	0.3	0.0	0.0	0.0	3.6	SSW
6/27/2025 11:21:00	8.1	8.2	0.1	0.0	0.0	0.0	3.8	SSW
6/27/2025 11:22:00	8.2	8.5	0.2	0.0	0.0	0.0	4.3	S
6/27/2025 11:23:00	8.5	8.6	0.1	0.0	0.0	0.0	4.3	SSW
6/27/2025 11:24:00	8.5	8.7	0.2	0.0	0.0	0.0	4.3	SSW
6/27/2025 11:25:00	8.6	8.6	0.0	0.0	0.0	0.0	4.2	WSW
6/27/2025 11:26:00	8.6	8.5	0.0	0.0	0.0	0.0	4.3	S
6/27/2025 11:27:00	8.6	8.8	0.2	0.0	0.0	0.0	4.3	SW
6/27/2025 11:28:00	8.3	9.1	0.7	0.0	0.0	0.0	3.9	NW
6/27/2025 11:29:00	8.3	8.9	0.6	0.0	0.0	0.0	4.2	S
6/27/2025 11:30:00	8.4	8.8	0.4	0.0	0.0	0.0	4.3	S
6/27/2025 11:31:00	8.5	9.1	0.6	0.0	0.0	0.0	4.5	SW
6/27/2025 11:32:00	8.7	9.5	0.9	0.0	0.0	0.0	4.5	SSW
6/27/2025 11:33:00	9.0	9.8	0.8	0.0	0.0	0.0	4.4	SSE
6/27/2025 11:34:00	9.5	10.5	1.0	0.0	0.0	0.0	4.4	SSW
6/27/2025 11:35:00	9.9	10.7	0.8	0.0	0.0	0.0	4.2	S
6/27/2025 11:36:00	10.1	10.8	0.7	0.0	0.0	0.0	4.1	SSW
6/27/2025 11:37:00	10.4	11.0	0.6	0.0	0.0	0.0	3.6	ESE
6/27/2025 11:38:00	10.5	11.1	0.6	0.0	0.0	0.0	3.5	SSW
6/27/2025 11:39:00	10.7	11.4	0.6	0.0	0.0	0.0	3.5	S
6/27/2025 11:40:00	11.2	11.8	0.6	0.0	0.0	0.0	3.7	S
6/27/2025 11:41:00	11.8	12.4	0.6	0.0	0.0	0.0	3.8	S
6/27/2025 11:42:00	12.5	12.6	0.0	0.0	0.0	0.0	3.7	SSW
6/27/2025 11:43:00	13.1	12.8	0.0	0.0	0.0	0.0	4.3	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 11:44:00	13.5	13.2	0.0	0.0	0.0	0.0	4.4	SSW
6/27/2025 11:45:00	13.8	13.6	0.0	0.0	0.0	0.0	4.4	SSW
6/27/2025 11:46:00	14.3	14.0	0.0	0.0	0.0	0.0	4.5	SSW
6/27/2025 11:47:00	14.8	14.3	0.0	0.0	0.0	0.0	4.3	SW
6/27/2025 11:48:00	14.9	14.8	0.0	0.0	0.0	0.0	4.3	S
6/27/2025 11:49:00	15.1	14.7	0.0	0.0	0.0	0.0	4.2	SW
6/27/2025 11:50:00	15.3	14.9	0.0	0.0	0.0	0.0	4.4	S
6/27/2025 11:51:00	15.5	15.2	0.0	0.0	0.0	0.0	4.5	SW
6/27/2025 11:52:00	16.4	16.1	0.0	0.0	0.0	0.0	4.7	SSW
6/27/2025 11:53:00	17.5	17.2	0.0	0.0	0.0	0.0	4.9	SSW
6/27/2025 11:54:00	18.5	18.1	0.0	0.0	0.0	0.0	4.9	SW
6/27/2025 11:55:00	19.3	19.0	0.0	0.0	0.0	0.0	5.2	SSW
6/27/2025 11:56:00	19.8	19.6	0.0	0.0	0.0	0.0	5.2	WSW
6/27/2025 11:57:00	20.0	20.1	0.1	0.0	0.0	0.0	5.4	SSW
6/27/2025 11:58:00	20.4	20.5	0.1	0.0	0.0	0.0	5.3	SSW
6/27/2025 11:59:00	20.8	20.9	0.1	0.0	0.0	0.0	5.4	SSW
6/27/2025 12:00:00	21.2	21.1	0.0	0.0	0.0	0.0	5.7	SSW
6/27/2025 12:01:00	21.3	21.2	0.0	0.0	0.0	0.0	5.6	SSW
6/27/2025 12:02:00	21.1	20.9	0.0	0.0	0.0	0.0	5.7	SSE
6/27/2025 12:03:00	21.4	21.0	0.0	0.0	0.0	0.0	5.6	SSE
6/27/2025 12:04:00	21.6	21.3	0.0	0.0	0.0	0.0	5.6	SW
6/27/2025 12:05:00	21.6	21.6	0.0	0.0	0.0	0.0	5.6	SSW
6/27/2025 12:06:00	21.5	21.3	0.0	0.0	0.0	0.0	5.6	SSW
6/27/2025 12:07:00	20.9	20.8	0.0	0.0	0.0	0.0	5.8	SSW
6/27/2025 12:08:00	20.2	20.2	0.0	0.0	0.0	0.0	5.6	SSW
6/27/2025 12:09:00	19.3	19.5	0.1	0.0	0.0	0.0	5.5	SW
6/27/2025 12:10:00	18.6	18.8	0.2	0.0	0.0	0.0	5.2	SSW
6/27/2025 12:11:00	18.3	18.2	0.0	0.0	0.0	0.0	5.2	SSW
6/27/2025 12:12:00	18.0	17.6	0.0	0.0	0.0	0.0	5.1	S
6/27/2025 12:13:00	17.6	17.2	0.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 12:14:00	17.1	16.8	0.0	0.0	0.0	0.0	4.7	SW
6/27/2025 12:15:00	16.6	16.5	0.0	0.0	0.0	0.0	4.4	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 12:16:00	16.6	16.5	0.0	0.0	0.0	0.0	4.5	S
6/27/2025 12:17:00	16.8	16.7	0.0	0.0	0.0	0.0	4.7	S
6/27/2025 12:18:00	16.5	16.8	0.3	0.0	0.0	0.0	4.9	S
6/27/2025 12:19:00	16.4	16.6	0.2	0.0	0.0	0.0	4.9	SSW
6/27/2025 12:20:00	16.6	16.4	0.0	0.0	0.0	0.0	4.7	S
6/27/2025 12:21:00	16.9	16.7	0.0	0.0	0.0	0.0	4.7	S
6/27/2025 12:22:00	16.9	16.6	0.0	0.0	0.0	0.0	4.8	SSW
6/27/2025 12:23:00	16.9	16.4	0.0	0.0	0.0	0.0	4.9	SSW
6/27/2025 12:24:00	17.2	16.5	0.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 12:25:00	17.5	16.8	0.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 12:26:00	17.5	17.0	0.0	0.0	0.0	0.0	5.3	SSW
6/27/2025 12:27:00	17.7	17.4	0.0	0.0	0.0	0.0	5.4	SSW
6/27/2025 12:28:00	18.2	17.7	0.0	0.0	0.0	0.0	5.7	S
6/27/2025 12:29:00	18.9	18.0	0.0	0.0	0.0	0.0	5.7	S
6/27/2025 12:30:00	19.3	18.8	0.0	0.0	0.0	0.0	5.9	SW
6/27/2025 12:31:00	19.6	19.2	0.0	0.0	0.0	0.0	5.9	SSW
6/27/2025 12:32:00	20.1	19.7	0.0	0.0	0.0	0.0	5.7	SW
6/27/2025 12:33:00	20.7	20.2	0.0	0.0	0.0	0.0	5.7	SSW
6/27/2025 12:34:00	21.1	20.5	0.0	0.0	0.0	0.0	5.8	SSW
6/27/2025 12:35:00	21.0	20.8	0.0	0.0	0.0	0.0	5.8	S
6/27/2025 12:36:00	21.0	20.9	0.0	0.0	0.0	0.0	5.9	SSW
6/27/2025 12:37:00	21.3	21.1	0.0	0.0	0.0	0.0	5.8	SW
6/27/2025 12:38:00	21.6	21.2	0.0	0.0	0.0	0.0	5.7	SSW
6/27/2025 12:39:00	21.8	21.5	0.0	0.0	0.0	0.0	5.7	SW
6/27/2025 12:40:00	21.8	21.6	0.0	0.0	0.0	0.0	5.7	SW
6/27/2025 12:41:00	21.9	21.8	0.0	0.0	0.0	0.0	5.6	SSW
6/27/2025 12:42:00	22.3	21.9	0.0	0.0	0.0	0.0	5.7	SSW
6/27/2025 12:43:00	22.4	22.4	0.0	0.0	0.0	0.0	5.4	S
6/27/2025 12:44:00	22.5	22.8	0.4	0.0	0.0	0.0	5.3	S
6/27/2025 12:45:00	22.4	22.7	0.3	0.0	0.0	0.0	5.1	S
6/27/2025 12:46:00	22.4	22.5	0.1	0.0	0.0	0.0	5.1	SSW
6/27/2025 12:47:00	22.3	22.6	0.3	0.0	0.0	0.0	5.2	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 12:48:00	22.1	22.2	0.1	0.0	0.0	0.0	5.2	SSW
6/27/2025 12:49:00	22.3	21.9	0.0	0.0	0.0	0.0	5.1	SW
6/27/2025 12:50:00	22.6	21.6	0.0	0.0	0.0	0.0	5.2	SSW
6/27/2025 12:51:00	22.7	21.1	0.0	0.0	0.0	0.0	5.0	WSW
6/27/2025 12:52:00	22.1	21.2	0.0	0.0	0.0	0.0	5.0	S
6/27/2025 12:53:00	21.7	21.3	0.0	0.0	0.0	0.0	5.1	S
6/27/2025 12:54:00	21.7	21.2	0.0	0.0	0.0	0.0	5.2	SSW
6/27/2025 12:55:00	22.0	21.1	0.0	0.0	0.0	0.0	5.4	SW
6/27/2025 12:56:00	22.4	21.0	0.0	0.0	0.0	0.0	5.3	SSW
6/27/2025 12:57:00	22.6	21.0	0.0	0.0	0.0	0.0	4.8	WSW
6/27/2025 12:58:00	22.3	20.8	0.0	0.0	0.0	0.0	4.9	SSE
6/27/2025 12:59:00	22.6	20.6	0.0	0.0	0.0	0.0	5.1	SSW
6/27/2025 13:00:00	23.0	20.6	0.0	0.0	0.0	0.0	5.3	SSW
6/27/2025 13:01:00	23.0	21.0	0.0	0.0	0.0	0.0	5.1	SSW
6/27/2025 13:02:00	23.0	20.4	0.0	0.0	0.0	0.0	4.8	WSW
6/27/2025 13:03:00	22.5	20.5	0.0	0.0	0.0	0.0	4.7	S
6/27/2025 13:04:00	21.8	20.6	0.0	0.0	0.0	0.0	4.7	S
6/27/2025 13:05:00	21.3	20.3	0.0	0.0	0.0	0.0	4.6	SW
6/27/2025 13:06:00	20.9	20.3	0.0	0.0	0.0	0.0	5.1	SSW
6/27/2025 13:07:00	21.2	20.0	0.0	0.0	0.0	0.0	5.1	SW
6/27/2025 13:08:00	21.2	19.9	0.0	0.0	0.0	0.0	5.2	S
6/27/2025 13:09:00	21.2	19.8	0.0	0.0	0.0	0.0	5.0	SW
6/27/2025 13:10:00	21.0	19.6	0.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 13:11:00	20.6	19.3	0.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 13:12:00	20.1	19.0	0.0	0.0	0.0	0.0	5.2	SSW
6/27/2025 13:13:00	20.3	18.6	0.0	0.0	0.0	0.0	5.3	SW
6/27/2025 13:14:00	20.1	18.3	0.0	0.0	0.0	0.0	5.2	SSW
6/27/2025 13:15:00	19.9	17.9	0.0	0.0	0.0	0.0	5.1	SSW
6/27/2025 13:16:00	19.8	17.3	0.0	0.0	0.0	0.0	5.2	SSW
6/27/2025 13:17:00	19.6	17.2	0.0	0.0	0.0	0.0	5.4	SW
6/27/2025 13:18:00	19.9	17.2	0.0	0.0	0.0	0.0	5.6	SSW
6/27/2025 13:19:00	20.0	16.9	0.0	0.0	0.0	0.0	5.8	SW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 13:20:00	20.0	16.8	0.0	0.0	0.0	0.0	5.9	SW
6/27/2025 13:21:00	20.0	16.6	0.0	0.0	0.0	0.0	5.6	SSW
6/27/2025 13:22:00	19.9	16.4	0.0	0.0	0.0	0.0	5.4	SW
6/27/2025 13:23:00	20.0	16.1	0.0	0.0	0.0	0.0	5.5	SSW
6/27/2025 13:24:00	19.6	15.8	0.0	0.0	0.7	0.7	5.5	SSW
6/27/2025 13:25:00	19.1	15.4	0.0	0.0	1.3	1.3	5.2	SW
6/27/2025 13:26:00	18.8	15.3	0.0	0.0	1.3	1.3	5.1	SW
6/27/2025 13:27:00	18.4	15.3	0.0	0.0	4.0	4.0	5.0	S
6/27/2025 13:28:00	17.8	15.0	0.0	0.0	5.3	5.3	5.0	SSW
6/27/2025 13:29:00	17.1	14.5	0.0	0.0	5.3	5.3	5.0	SW
6/27/2025 13:30:00	16.3	14.2	0.0	0.0	5.3	5.3	4.6	ESE
6/27/2025 13:31:00	15.6	13.6	0.0	0.0	5.3	5.3	4.4	SSW
6/27/2025 13:32:00	14.9	12.9	0.0	0.0	5.3	5.3	4.3	SW
6/27/2025 13:33:00	14.3	12.2	0.0	0.0	5.3	5.3	4.4	SSW
6/27/2025 13:34:00	13.6	11.6	0.0	0.0	5.3	5.3	4.1	SW
6/27/2025 13:35:00	13.0	11.4	0.0	0.0	5.3	5.3	4.1	S
6/27/2025 13:36:00	12.6	11.0	0.0	0.0	5.3	5.3	3.9	SW
6/27/2025 13:37:00	12.1	10.6	0.0	0.0	5.3	5.3	4.1	SSW
6/27/2025 13:38:00	11.7	10.1	0.0	0.0	5.3	5.3	4.0	SSW
6/27/2025 13:39:00	11.2	10.0	0.0	0.0	4.7	4.7	4.1	SSW
6/27/2025 13:40:00	10.9	9.8	0.0	0.0	4.0	4.0	4.2	SSW
6/27/2025 13:41:00	10.4	9.4	0.0	0.0	4.0	4.0	4.2	SSW
6/27/2025 13:42:00	10.1	9.0	0.0	0.0	1.3	1.3	4.2	SW
6/27/2025 13:43:00	9.9	8.8	0.0	0.0	0.0	0.0	4.1	SSW
6/27/2025 13:44:00	9.7	8.8	0.0	0.0	0.0	0.0	4.2	S
6/27/2025 13:45:00	9.7	8.5	0.0	0.0	0.0	0.0	4.4	SSW
6/27/2025 13:46:00	9.5	8.4	0.0	0.0	0.0	0.0	4.4	SSW
6/27/2025 13:47:00	9.3	8.3	0.0	0.0	0.0	0.0	4.4	SW
6/27/2025 13:48:00	9.0	8.2	0.0	0.0	0.0	0.0	4.2	S
6/27/2025 13:49:00	8.8	8.0	0.0	0.0	0.0	0.0	4.4	SSW
6/27/2025 13:50:00	8.8	7.7	0.0	0.0	0.0	0.0	4.4	SSW
6/27/2025 13:51:00	8.5	7.9	0.0	0.0	0.0	0.0	4.5	S

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 13:52:00	8.3	8.0	0.0	0.0	0.0	0.0	4.5	S
6/27/2025 13:53:00	7.9	8.0	0.0	0.0	0.0	0.0	4.4	S
6/27/2025 13:54:00	8.0	7.7	0.0	0.0	0.0	0.0	4.3	SW
6/27/2025 13:55:00	7.9	7.5	0.0	0.0	0.0	0.0	4.3	SSW
6/27/2025 13:56:00	7.8	7.5	0.0	0.0	0.0	0.0	4.4	S
6/27/2025 13:57:00	7.7	7.3	0.0	0.0	0.0	0.0	4.0	NNW
6/27/2025 13:58:00	7.7	7.2	0.0	0.0	0.0	0.0	4.1	SW
6/27/2025 13:59:00	7.8	7.0	0.0	0.0	0.0	0.0	4.1	SSW
6/27/2025 14:00:00	7.8	7.0	0.0	0.0	0.0	0.0	4.2	SSW
6/27/2025 14:01:00	7.6	7.2	0.0	0.0	0.0	0.0	4.1	SSE
6/27/2025 14:02:00	7.6	7.2	0.0	0.0	0.0	0.0	4.1	SW
6/27/2025 14:03:00	7.7	7.1	0.0	0.0	0.0	0.0	4.0	SW
6/27/2025 14:04:00	7.7	7.2	0.0	0.0	0.0	0.0	3.8	S
6/27/2025 14:05:00	7.5	7.3	0.0	0.0	0.0	0.0	3.7	SSE
6/27/2025 14:06:00	7.6	7.1	0.0	0.0	0.0	0.0	3.6	SSW
6/27/2025 14:07:00	7.7	6.9	0.0	0.0	0.0	0.0	3.4	SSW
6/27/2025 14:08:00	7.7	7.0	0.0	0.0	0.0	0.0	3.4	S
6/27/2025 14:09:00	7.6	6.9	0.0	0.0	0.0	0.0	3.5	SSW
6/27/2025 14:10:00	7.4	7.1	0.0	0.0	0.0	0.0	3.4	S
6/27/2025 14:11:00	7.6	6.9	0.0	0.0	0.0	0.0	3.5	SSW
6/27/2025 14:12:00	7.5	6.9	0.0	0.0	0.0	0.0	4.0	SSW
6/27/2025 14:13:00	7.3	7.0	0.0	0.0	0.0	0.0	4.0	S
6/27/2025 14:14:00	7.2	6.8	0.0	0.0	0.0	0.0	3.9	SSW
6/27/2025 14:15:00	7.2	6.7	0.0	0.0	0.0	0.0	3.7	SW
6/27/2025 14:16:00	7.2	6.7	0.0	0.0	0.0	0.0	3.8	SSW
6/27/2025 14:17:00	7.2	6.7	0.0	0.0	0.0	0.0	4.0	SSW
6/27/2025 14:18:00	7.0	6.8	0.0	0.0	0.0	0.0	4.0	SSE
6/27/2025 14:19:00	7.1	6.7	0.0	0.0	0.0	0.0	4.1	SW
6/27/2025 14:20:00	7.1	6.5	0.0	0.0	0.0	0.0	4.2	SSW
6/27/2025 14:21:00	7.1	6.4	0.0	0.0	0.0	0.0	4.2	SW
6/27/2025 14:22:00	7.1	6.4	0.0	0.0	0.0	0.0	4.1	SSW
6/27/2025 14:23:00	7.2	6.3	0.0	0.0	0.0	0.0	4.1	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 14:24:00	7.2	6.3	0.0	0.0	0.0	0.0	3.9	WSW
6/27/2025 14:25:00	7.2	6.1	0.0	0.0	0.0	0.0	4.0	S
6/27/2025 14:26:00	7.0	6.1	0.0	0.0	0.0	0.0	3.9	SSW
6/27/2025 14:27:00	6.8	6.0	0.0	0.0	0.0	0.0	3.7	SSW
6/27/2025 14:28:00	6.8	5.7	0.0	0.0	0.0	0.0	3.6	WSW
6/27/2025 14:29:00	6.7	5.7	0.0	0.0	0.0	0.0	3.5	SW
6/27/2025 14:30:00	6.5	5.8	0.0	0.0	0.0	0.0	3.7	S
6/27/2025 14:31:00	6.5	5.7	0.0	0.0	0.0	0.0	3.6	S
6/27/2025 14:32:00	6.2	5.7	0.0	0.0	0.0	0.0	3.6	S
6/27/2025 14:33:00	6.3	5.5	0.0	0.0	0.0	0.0	3.8	SW
6/27/2025 14:34:00	6.2	5.5	0.0	0.0	0.0	0.0	3.7	SSW
6/27/2025 14:35:00	6.2	5.5	0.0	0.0	0.0	0.0	3.9	SSW
6/27/2025 14:36:00	6.1	5.6	0.0	0.0	0.0	0.0	4.0	S
6/27/2025 14:37:00	6.0	5.7	0.0	0.0	0.0	0.0	4.2	SSW
6/27/2025 14:38:00	5.9	5.7	0.0	0.0	0.0	0.0	4.3	SSW
6/27/2025 14:39:00	6.0	5.7	0.0	0.0	0.0	0.0	4.5	SSW
6/27/2025 14:40:00	6.0	5.8	0.0	0.0	0.0	0.0	4.6	S
6/27/2025 14:41:00	6.0	5.9	0.0	0.0	0.0	0.0	4.5	S
6/27/2025 14:42:00	6.1	6.0	0.0	0.0	0.0	0.0	4.5	SSW
6/27/2025 14:43:00	6.2	6.1	0.0	0.0	0.0	0.0	4.8	SSW
6/27/2025 14:44:00	6.1	6.2	0.1	0.0	0.0	0.0	4.8	S
6/27/2025 14:45:00	6.2	6.1	0.0	0.0	0.0	0.0	4.9	SSW
6/27/2025 14:46:00	6.2	6.1	0.0	0.0	0.0	0.0	4.9	SW
6/27/2025 14:47:00	6.3	6.0	0.0	0.0	0.0	0.0	4.5	NNE
6/27/2025 14:48:00	6.2	6.0	0.0	0.0	0.0	0.0	4.3	SW
6/27/2025 14:49:00	6.1	6.0	0.0	0.0	0.0	0.0	4.2	SSW
6/27/2025 14:50:00	6.0	6.0	0.0	0.0	0.0	0.0	4.0	SW
6/27/2025 14:51:00	6.0	5.9	0.0	0.0	0.0	0.0	3.9	SSW
6/27/2025 14:52:00	5.9	5.8	0.0	0.0	0.0	0.0	3.5	E
6/27/2025 14:53:00	5.8	5.8	0.0	0.0	0.0	0.0	3.3	WSW
6/27/2025 14:54:00	5.7	5.7	0.0	0.0	0.0	0.0	3.1	SE
6/27/2025 14:55:00	5.7	5.7	0.0	0.0	0.0	0.0	3.0	SSW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppb)	Average Downwind VOC (ppb)	Average Contribution VOC (ppb)	Wind Speed 15 min Avg	Wind Direction
6/27/2025 14:56:00	5.7	5.6	0.0	0.0	0.0	0.0	3.2	SSW
6/27/2025 14:57:00	5.6	5.4	0.0	0.0	0.0	0.0	3.4	SSW
6/27/2025 14:58:00	5.5	5.4	0.0	0.0	0.0	0.0	3.3	SW
6/27/2025 14:59:00	5.5	5.2	0.0	0.0	0.0	0.0	3.3	SSE
6/27/2025 15:00:00	5.4	5.2	0.0	0.0	0.0	0.0	3.0	SSW
6/27/2025 15:01:00	5.4	5.1	0.0	0.0	0.0	0.0	3.1	SSW
6/27/2025 15:02:00	5.5	5.0	0.0	0.0	0.0	0.0	3.5	SSW
6/27/2025 15:03:00	5.4	5.1	0.0	0.0	0.0	0.0	3.6	S
6/27/2025 15:04:00	5.4	5.1	0.0	0.0	0.0	0.0	3.7	SSW
6/27/2025 15:05:00	5.3	5.0	0.0	0.0	0.0	0.0	3.8	SSW
6/27/2025 15:06:00	5.3	5.0	0.0	0.0	0.0	0.0	3.9	SSW
6/27/2025 15:07:00	5.4	5.0	0.0	0.0	0.0	0.0	4.5	SSW
6/27/2025 15:08:00	5.5	5.1	0.0	0.0	0.0	0.0	4.5	SW
6/27/2025 15:09:00	5.7	5.3	0.0	0.0	0.0	0.0	4.9	S
6/27/2025 15:10:00	5.9	5.4	0.0	0.0	0.0	0.0	5.0	SSW
6/27/2025 15:11:00	6.0	5.5	0.0	0.0	0.0	0.0	4.8	SSW
6/27/2025 15:12:00	6.2	5.7	0.0	0.0	0.0	0.0	4.7	SSW
6/27/2025 15:13:00	6.4	6.1	0.0	0.0	0.0	0.0	4.8	SSW
6/27/2025 15:14:00	6.8	6.5	0.0	0.0	0.0	0.0	5.1	SSW
6/27/2025 15:15:00	7.1	6.8	0.0	0.0	0.0	0.0	5.5	SSW
6/27/2025 15:16:00	7.4	7.1	0.0	0.0	0.0	0.0	5.8	SSW
6/27/2025 15:17:00	7.6	7.5	0.0	0.0	0.0	0.0	5.8	SSW
6/27/2025 15:18:00	7.9	7.7	0.0	0.0	0.0	0.0	5.8	SSW
6/27/2025 15:19:00	8.2	8.0	0.0	0.0	0.0	0.0	5.8	SSW
6/27/2025 15:20:00	8.5	8.4	0.0	0.0	0.0	0.0	5.8	SSW
6/27/2025 15:21:00	8.8	8.6	0.0	0.0	0.0	0.0	6.0	SSW
6/27/2025 15:22:00	9.0	8.7	0.0	0.0	0.0	0.0	5.9	SSW

Date/Time	Northwest Location PM10 µg/m³	Northwest Location VOC ppb	Southeast Location PM10 µg/m³	Southeast Location VOC ppb	WD Cardinal (Avg Over Period)	Wind Speed (Avg Over Period)	Upwind (determined from avg period)	Downwind (determined from avg period)
06/27/2025 07:00	4.3	0.0	16.6	0.0	NW	0.5	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 07:15	4.5	0.0	8.1	0.0	N	1.3	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 07:30	4.7	0.0	8.7	0.0	N	0.9	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 07:45	4.7	0.0	9.5	0.0	NNE	1.2	Southeast Location (PM10; VOC)	Northwest Location (PM10; VOC)
06/27/2025 08:00	4.9	0.0	8.4	0.0	NNW	1.7	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 08:15	3.8	0.0	8.4	0.0	NNE	1.0	Southeast Location (PM10; VOC)	Northwest Location (PM10; VOC)
06/27/2025 08:30	4.7	0.0	7.4	0.0	S	0.5	Southeast Location (PM10; VOC)	Northwest Location (PM10; VOC)
06/27/2025 08:45	4.9	0.0	7.0	0.0	S	1.6	Southeast Location (PM10; VOC)	Northwest Location (PM10; VOC)
06/27/2025 09:00	4.5	0.0	6.9	0.0	N	0.7	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 09:15	6.2	0.0	7.3	0.0	SSW	3.0	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 09:30	7.2	0.0	6.2	0.0	SSW	2.4	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 09:45	4.1	0.0	5.9	0.0	SSW	3.6	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 10:00	11.7	0.0	14.5	0.0	SSW	5.0	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 10:15	11.6	0.0	14.2	0.0	SSW	4.4	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 10:30	11.5	0.0	13.9	0.0	SSW	5.0	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 10:45	18.9	0.0	21.2	0.0	SSW	5.1	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 11:00	14.8	0.0	18.3	0.0	SSW	3.9	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 11:15	6.8	0.0	8.5	0.0	SSW	3.2	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 11:30	7.6	0.0	9.5	0.0	SSW	4.3	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 11:45	13.2	0.0	14.2	0.0	SSW	4.4	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 12:00	21.4	0.0	21.0	0.0	SSW	5.7	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 12:15	15.9	0.0	17.2	0.0	SSW	4.4	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 12:30	18.6	0.0	19.5	0.0	SSW	5.9	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 12:45	23.2	0.0	22.0	0.0	SSW	5.1	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 13:00	24.3	0.0	19.3	0.0	SSW	5.3	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 13:15	20.9	0.0	16.8	0.0	SSW	5.1	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 13:30	16.5	4.0	14.0	1.3	SSW	4.6	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 13:45	10.2	0.0	8.0	0.0	SSW	4.4	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 14:00	8.4	0.0	6.4	0.0	SSW	4.2	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 14:15	7.9	0.0	6.0	0.0	SSW	3.7	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 14:30	7.0	0.0	5.3	0.0	SSW	3.7	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)

Date/Time	Northwest Location PM10 µg/m³	Northwest Location VOC ppb	Southeast Location PM10 µg/m³	Southeast Location VOC ppb	WD Cardinal (Avg Over Period)	Wind Speed (Avg Over Period)	Upwind (determined from avg period)	Downwind (determined from avg period)
06/27/2025 14:45	6.6	0.0	5.7	0.0	SSW	4.9	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 15:00	5.5	0.0	5.1	0.0	SSW	3.0	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)
06/27/2025 15:15	7.2	0.0	6.8	0.0	SSW	5.5	Northwest Location (PM10; VOC)	Southeast Location (PM10; VOC)