SITE OBSERVATION REPORT - RAWP Implementation – Day 97

LANGAN

PROJECT No.:	170390001	**CLIENT:**		**DATE:**	Tuesday, November 25, 2025
PROJECT:	141 3rd Street		Third Street Owner LLC and 155 Third St., LLC	**WEATHER:**	Cloudy/Rain, 45 – 53^{0}F Wind: E @ 0.2 – 4.8 mph
LOCATION:	Brooklyn, New York			**TIME:**	7:00 a.m. – 3:30 p.m.
BCP SITE ID:	C224336				

EQUIPMENT:
(1) Hyundai HX 520L Hydraulic Excavator
(1) Soilmec SR-75 Drill Rig
(1) Leibherr LRB 355.1 Drill Rig
(2) Aeroqual Air Monitoring Stations
(1) MiniRAE 3000 Photoionization Detector (PID)

PRESENT AT SITE:
Langan: Jessie Almont
New Leaf: Laura Wynne
Monadnock Construction, Inc. (Monadnock): Keith Moore, Thomas Miller, John Henry

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:
Langan was onsite to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) dated 12 December 2023

Site Activities

- New Leaf used a Hyundai HX 520L excavator to demolish and remove concrete in an approximately 60-foot-long by 30-foot-wide area in the northern and western part of site.
    - Excavated material consisted of concrete and demolition debris (C&D) debris and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts were not observed. Excavated material was placed on and covered with polyethylene (poly) sheeting at the end of the workday.

Sampling

- No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed continuous air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) using two perimeter air monitoring stations at upwind and downwind locations. The PM10 and VOC action levels were not exceeded during the monitoring period. Recorded air monitoring data is presented on the CAMP summary data sheet appended to the end of this Daily Field Report.

Material Tracking

- No material was exported from the site.
- No material was imported to site.

Material Import Summary				
Facility	**NYSDEC Approved Quantity**	**Imported**	**Today**	**Total**
Tilcon - Haverstraw Haverstraw, NY ASTM #3 Virgin Stone (1.5-Inch)	400 CY (560 tons)	**No. Loads**	0	**4**
		Quantity (tons)	0	**89.95**
Impact Materials Jersey City (IMJC) Jersey City, NJ 0.75-inch Stone	2,000 CY (2,800 tons)	**No. Loads**	0	**0**
		Quantity (tons)	0	**0**
IMJC Jersey City, NJ 1.5-inch Stone	400 CY (560 tons)	**No. Loads**	0	**2**
		Quantity (tons)	0	**49.65**

Material Export Summary				
Facility	**Approved Quantity**	**Imported**	**Today**	**Total**
Clean Earth of Carteret (CEC) Carteret, NJ Elevated Soil/Fill	9,857 CY (13,800 tons)	**No. Loads**	0	**62**
		Quantity (CY)	0	**1,240**
Clean Earth of New Castle (CENC) New Castle, DE Non-Hazardous Contaminated Soil/Urban Fill	3,571 CY (5,000 tons)	**No. Loads**	0	**0**
		Quantity (CY)	0	**0**
Atlantic County Utilities Authority (ACUA) Egg Harbor Township, NJ Non-Hazardous Contaminated Soil/Urban Fill	714 CY (1,000 tons)	**No. Loads**	0	**0**
		Quantity (CY)	0	**0**
Clean Earth of North Jersey (CENJ) Kearny, NJ Hazardous Lead	107 CY (150 tons)	**No. Loads**	0	**2**
		Quantity (CY)	0	**40**

Drums

- One 55-gallon drum containing purged groundwater and DNAPL is staged in the southern part of the site.
- One 55-gallon drum containing truck wash water is staged in the central part of the site.
- Two 55-gallon drums containing purged groundwater are staged in the southern part of the site.
- Three 55-gallon drums containing drill cuttings are staged in the eastern part of the site.
- One 55-gallon drum containing spent personal protective equipment (PPE) is staged in the southeastern part of the site.

Anticipated Activities

- New Leaf will continue slab demolition in the northern part of the site.
- New Leaf will begin drilling displacement piles.

SITE PHOTOGRAPHS:

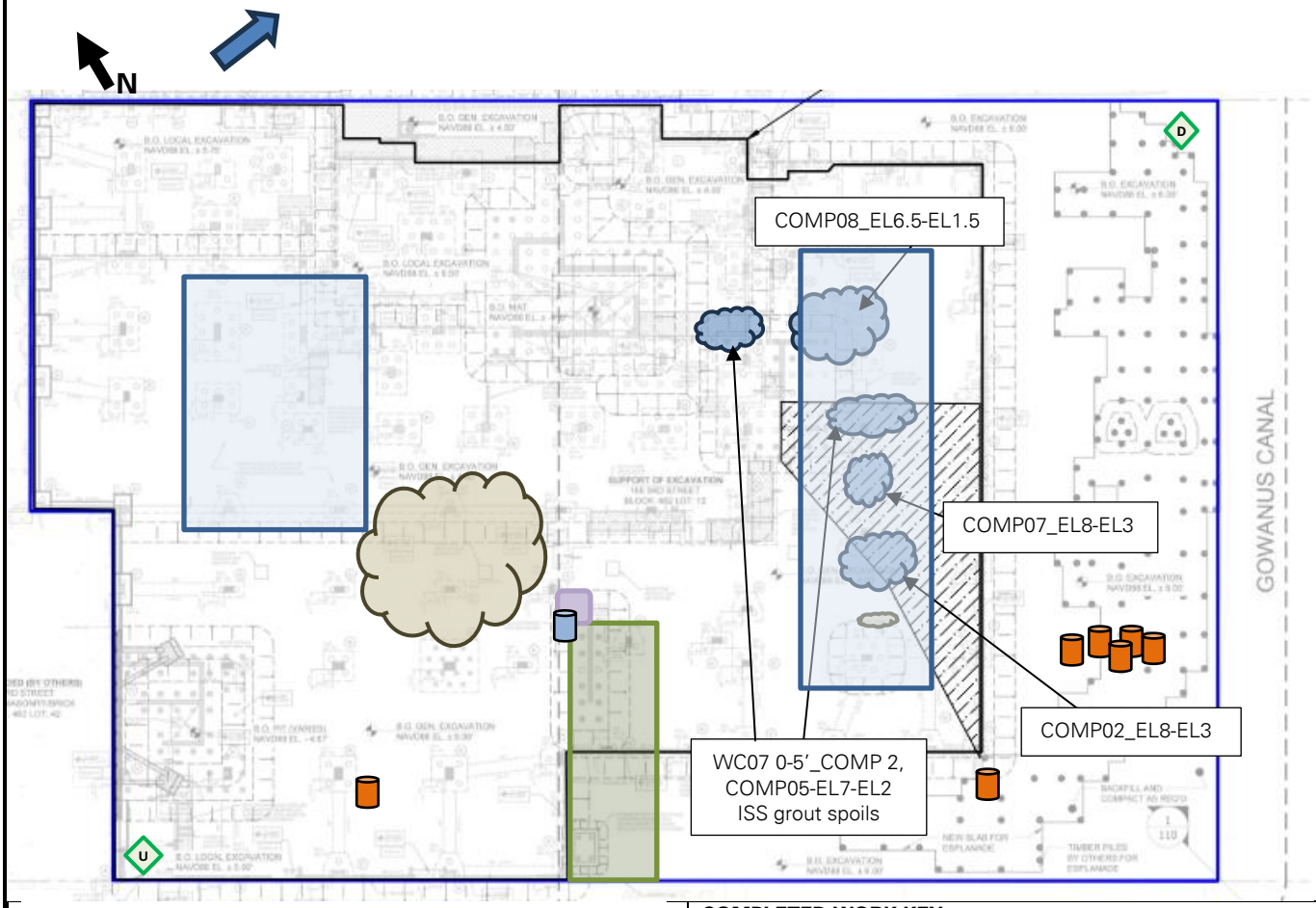


Photo 1: New Leaf breaking apart concrete pieces in stockpile in the central part of site (facing north).



Photo 2: New Leaf removing concrete slab in the western part of site (facing northeast).

FIGURE 1 - SITE MAP:



LEGEND:

- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

COMPLETED WORK KEY

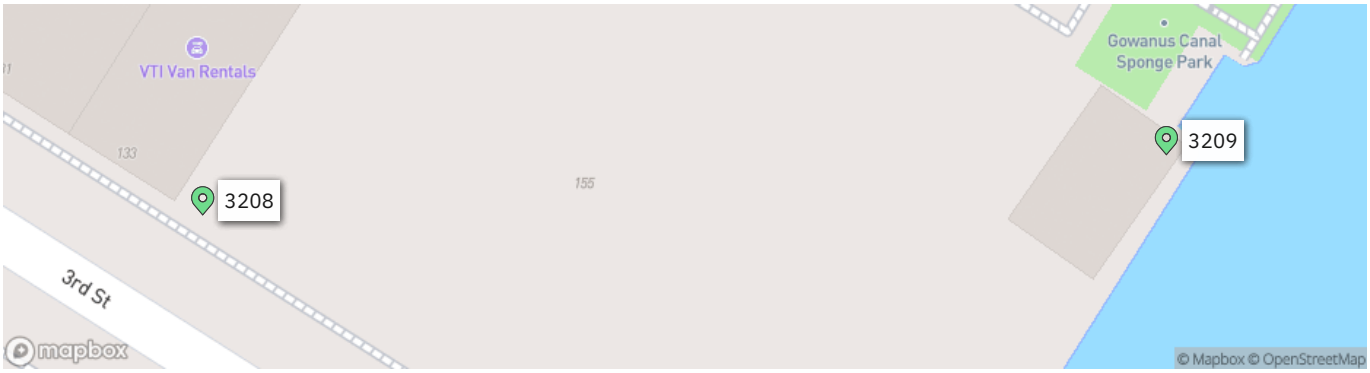
- Approximate work area
- Approximate location of upwind CAMP station
- Approximate location of downwind CAMP station
- Approximate location of drum
- Approximate location of truck wash drum
- Approximate wind direction
- Stockpiled soil/fill
- Stockpiled C&D debris
- Stockpiled imported stone
- Temporary stabilized construction entrance
- Truck wash catch basin

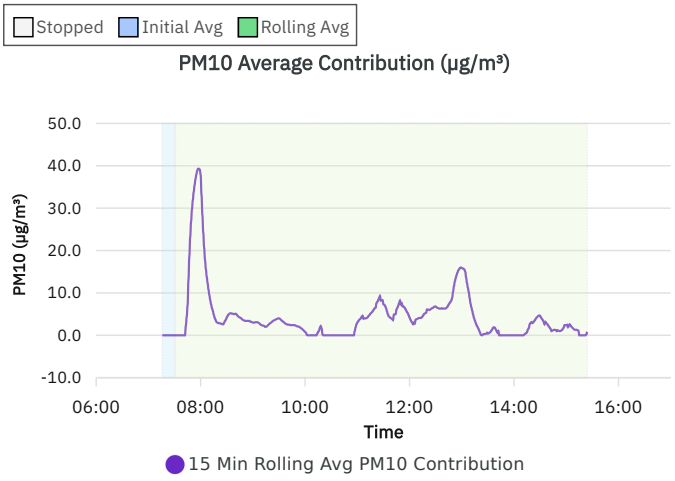
Base map includes Figure 5 – Pre-ISS Excavation Plan from the NYSDEC-approved RDD for ISS, prepared by Langan Engineering, dated 4/5/2024

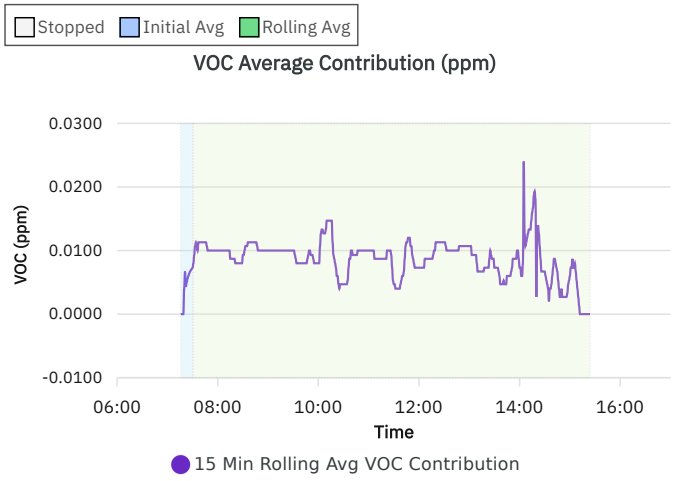
LANGAN	Site Contribution Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	11/25/2025 06:00
		To:	11/25/2025 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
11/25/2025	45.3 - 54.5	59.6 - 72.9	30.2 - 30.4	0.2 - 4.8	W

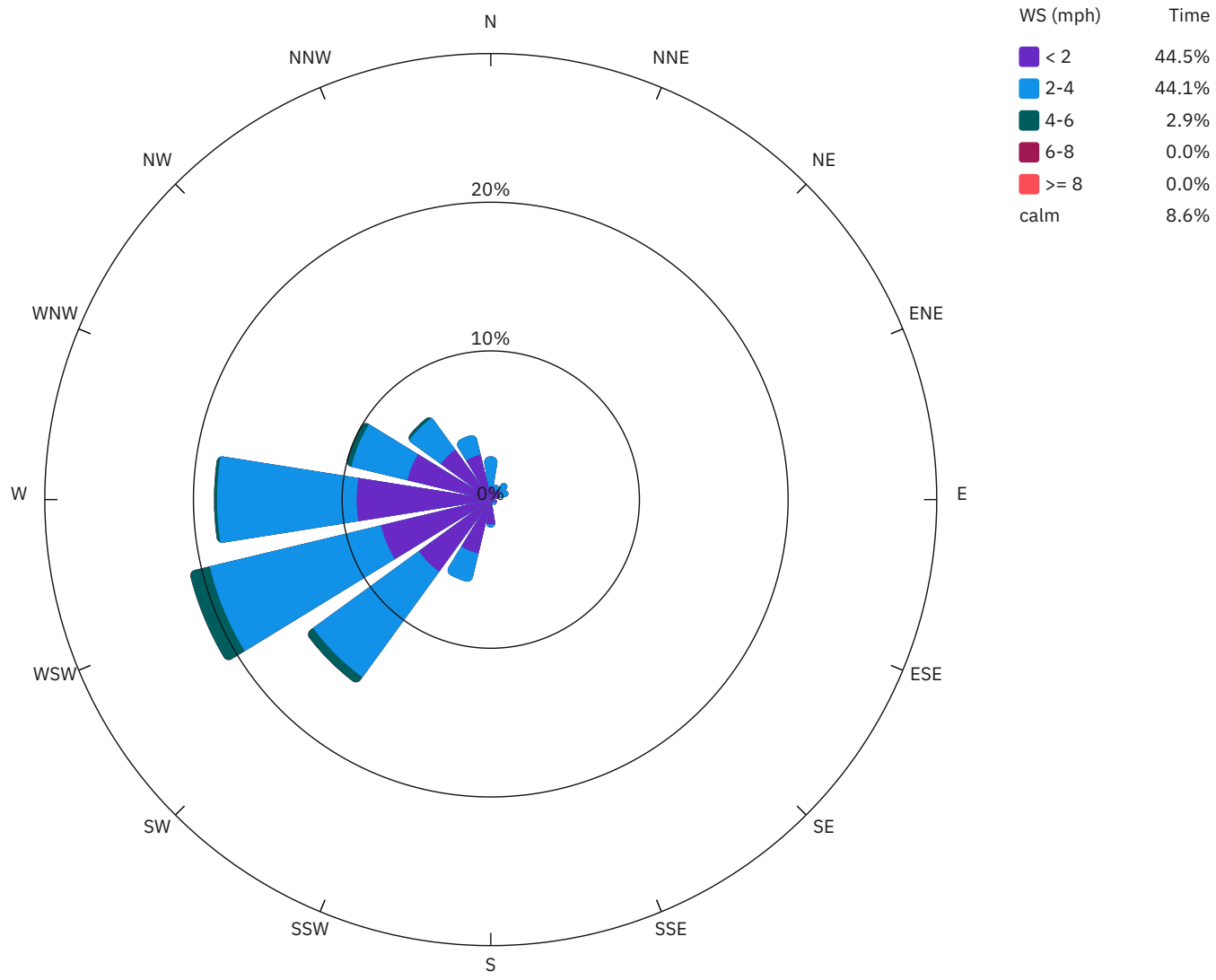
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 11/25/2025	0.0	07:30	0.0000	15:15
Max Contribution (15 min avg.) - 11/25/2025	37.9	08:00	0.0160	14:15
Daily Avg. Contribution (15 min avg.) - 11/25/2025	4.5	-	0.0087	-



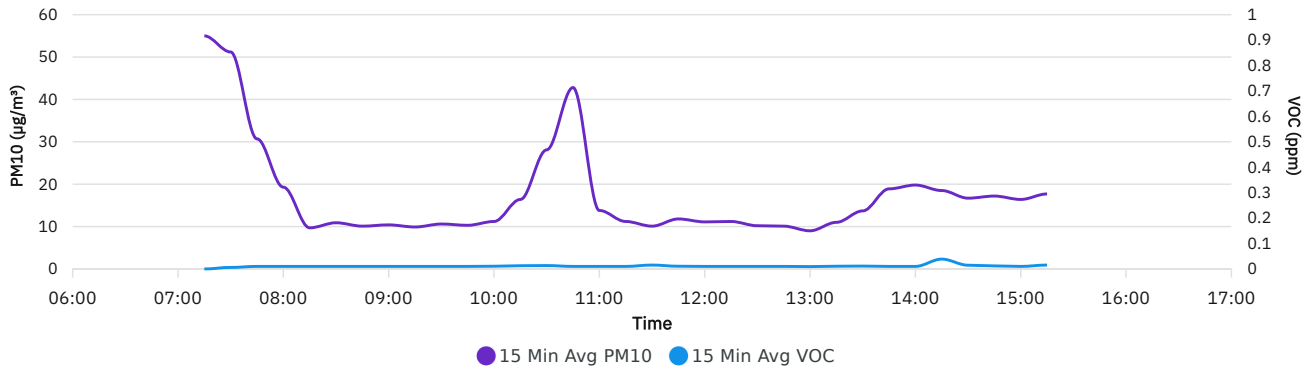




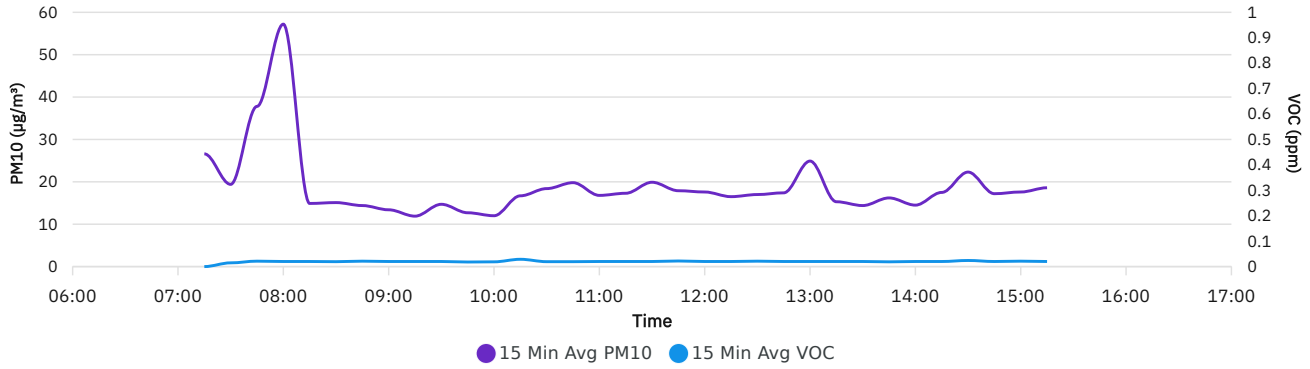
Wind rose (mph)



3208



3209


60
50
40
30
20
10
0
PM10 (µg/m³)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
VOC (ppm)
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
Time
15 Min Avg PM10
15 Min Avg VOC

DER-10 Summary: 15 Min Rolling Avg Data

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	Wind Direction
11/25/2025 07:15							0.2	NW
11/25/2025 07:30	45.7	24.9	0.0	0.0067	0.0140	0.0073	0.8	WSW
11/25/2025 07:45	30.7	37.8	7.1	0.0100	0.0213	0.0113	2.1	W
11/25/2025 08:00	19.3	57.2	37.9	0.0100	0.0200	0.0100	1.6	WSW
11/25/2025 08:15	9.9	14.7	4.9	0.0107	0.0193	0.0087	1.6	WSW
11/25/2025 08:30	10.9	15.1	4.2	0.0100	0.0193	0.0093	1.9	WSW
11/25/2025 08:45	10.1	14.4	4.2	0.0100	0.0213	0.0113	1.7	WSW
11/25/2025 09:00	10.4	13.4	3.0	0.0100	0.0200	0.0100	1.8	WSW
11/25/2025 09:15	9.9	11.9	2.0	0.0100	0.0200	0.0100	1.5	W
11/25/2025 09:30	10.6	14.7	4.0	0.0100	0.0200	0.0100	2.1	WSW
11/25/2025 09:45	10.3	12.7	2.4	0.0100	0.0180	0.0080	2.2	WSW
11/25/2025 10:00	11.2	12.0	0.8	0.0107	0.0187	0.0080	1.6	W
11/25/2025 10:15	16.2	16.9	0.8	0.0133	0.0280	0.0147	2.1	W
11/25/2025 10:30	27.4	19.1	0.0	0.0140	0.0187	0.0047	2.5	WSW
11/25/2025 10:45	42.8	19.8	0.0	0.0100	0.0193	0.0093	2.3	WSW
11/25/2025 11:00	13.8	16.8	3.0	0.0100	0.0200	0.0100	1.9	WSW
11/25/2025 11:15	11.7	16.8	5.1	0.0107	0.0193	0.0087	1.9	W
11/25/2025 11:30	11.3	18.6	7.3	0.0153	0.0200	0.0047	1.7	WSW
11/25/2025 11:45	11.8	17.9	6.1	0.0107	0.0220	0.0113	1.9	WSW
11/25/2025 12:00	12.3	16.5	4.2	0.0113	0.0187	0.0073	1.9	WSW
11/25/2025 12:15	11.6	16.1	4.5	0.0107	0.0193	0.0087	2.4	SW
11/25/2025 12:30	10.2	17.0	6.8	0.0100	0.0213	0.0113	1.7	WSW
11/25/2025 12:45	10.1	17.4	7.3	0.0100	0.0200	0.0100	2.7	WSW
11/25/2025 13:00	9.0	24.9	15.9	0.0093	0.0200	0.0107	2.0	WSW
11/25/2025 13:15	11.4	14.9	3.5	0.0120	0.0187	0.0067	1.2	W
11/25/2025 13:30	13.9	14.3	0.4	0.0120	0.0193	0.0073	0.9	WNW
11/25/2025 13:45	18.5	16.6	0.0	0.0113	0.0173	0.0060	1.0	WNW
11/25/2025 14:00	19.7	14.6	0.0	0.0113	0.0187	0.0073	1.4	NW
11/25/2025 14:15	17.6	18.4	0.8	0.0213	0.0373	0.0160	0.7	NW
11/25/2025 14:30	17.2	21.8	4.6	0.0160	0.0227	0.0067	1.1	NW
11/25/2025 14:45	16.6	17.8	1.2	0.0127	0.0193	0.0067	1.1	NW

Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed	Wind Direction
11/25/2025 15:00	15.8	18.2	2.4	0.0127	0.0187	0.0060	1.3	NW
11/25/2025 15:15	18.1	18.1	0.0	0.0193	0.0160	0.0000	1.4	NE

Air Monitoring Data by Location: 15 Min Avg Data

Date/Time	3208 PM10 (µg/m³)	3208 VOC (ppm)	3209 PM10 (µg/m³)	3209 VOC (ppm)	Wind Direction	Wind Speed
11/25/2025 07:15	55.0	0.0000	26.6	0.0000	NW	0.2
11/25/2025 07:30	51.2	0.0060	19.4	0.0147	WSW	0.8
11/25/2025 07:45	30.7	0.0100	37.8	0.0213	W	2.1
11/25/2025 08:00	19.3	0.0100	57.2	0.0200	WSW	1.6
11/25/2025 08:15	9.7	0.0100	14.9	0.0200	WSW	1.6
11/25/2025 08:30	10.9	0.0100	15.1	0.0193	WSW	1.9
11/25/2025 08:45	10.1	0.0100	14.4	0.0213	WSW	1.7
11/25/2025 09:00	10.4	0.0100	13.4	0.0200	WSW	1.8
11/25/2025 09:15	9.9	0.0100	11.9	0.0200	W	1.5
11/25/2025 09:30	10.6	0.0100	14.7	0.0200	WSW	2.1
11/25/2025 09:45	10.3	0.0100	12.7	0.0180	WSW	2.2
11/25/2025 10:00	11.2	0.0107	12.0	0.0187	W	1.6
11/25/2025 10:15	16.4	0.0127	16.7	0.0287	W	2.1
11/25/2025 10:30	28.1	0.0133	18.4	0.0193	WSW	2.5
11/25/2025 10:45	42.8	0.0100	19.8	0.0193	WSW	2.3
11/25/2025 11:00	13.8	0.0100	16.8	0.0200	WSW	1.9
11/25/2025 11:15	11.2	0.0100	17.3	0.0200	W	1.9
11/25/2025 11:30	10.1	0.0153	19.9	0.0200	WSW	1.7
11/25/2025 11:45	11.8	0.0107	17.9	0.0220	WSW	1.9
11/25/2025 12:00	11.1	0.0100	17.6	0.0200	WSW	1.9
11/25/2025 12:15	11.2	0.0100	16.5	0.0200	SW	2.4
11/25/2025 12:30	10.2	0.0100	17.0	0.0213	WSW	1.7
11/25/2025 12:45	10.1	0.0100	17.4	0.0200	WSW	2.7
11/25/2025 13:00	9.0	0.0093	24.9	0.0200	WSW	2.0
11/25/2025 13:15	11.0	0.0107	15.3	0.0200	W	1.2
11/25/2025 13:30	13.7	0.0113	14.4	0.0200	WNW	0.9
11/25/2025 13:45	18.9	0.0100	16.2	0.0187	WNW	1.0
11/25/2025 14:00	19.8	0.0100	14.5	0.0200	NW	1.4
11/25/2025 14:15	18.5	0.0387	17.5	0.0200	NW	0.7
11/25/2025 14:30	16.7	0.0147	22.3	0.0240	NW	1.1
11/25/2025 14:45	17.2	0.0120	17.2	0.0200	NW	1.1
11/25/2025 15:00	16.4	0.0100	17.6	0.0213	NW	1.3
11/25/2025 15:15	17.7	0.0153	18.6	0.0200	NE	1.4