SITE OBSERVATION REPORT - RAWP Implementation – Day 134

LANGAN

PROJECT No.:	170390001	**CLIENT:**	Third Street Owner LLC and 155 Third St., LLC	**DATE:**	Thursday, January 22, 2026
PROJECT:	141 3rd Street			**WEATHER:**	Partly Cloudy, 32 – 46^{0}F Wind: E @ 0.7 – 11.2 mph
LOCATION:	Brooklyn, New York			**TIME:**	7:00 a.m. – 5:00 pm
BCP SITE ID:	C224336				

EQUIPMENT:
(1) Hyundai HX 520L Hydraulic Excavator
(1) Volvo ECR355EL Hydraulic Excavator
(1) Soilmec SR-75 Drill Rig
(1) Leibherr LRB 355.1 Drill Rig
(1) Cammachio MC 22 Drill Rig
(1) FES Drill Rig
(2) Aeroqual Air Monitoring Stations
(1) MiniRAE 3000 Photoionization Detector

PRESENT AT SITE:
Langan: Jessie Almont
New Leaf: Jose Gomez
Monadnock Construction, Inc. (Monadnock): Gavin Gawley, Bob Hempfling
Mueser Rutledge Consulting Engineers (MRCE): Joseph Croft, Amani Calderon
WSP: Eddy Nunez
American Dewatering & Grouting (ADG)

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 advanced a continuous flight auger to about 30 feet below grade surface (bgs) in the eastern and southeastern parts of site in order to pre-drill three displacement piles (pile ID numbers 448, 412, 409 within the In-Situ Stabilization (ISS) monolith.
    - Spoils generated during drilling were placed on and covered with polyethylene (poly) sheeting at the end of the workday. Langan screened the drilling spoils for odors, staining, and organic vapors using a photoionization detector (PID). No evidence of impacts was observed.
- New Leaf advanced and installed ten displacement piles (pile ID numbers 445, 418, 448, 412, 578 to about 65 feet bgs, and pile ID numbers 489, 463, 477, 487, 467 to about 67 feet bgs) in the southwestern and southeastern parts of the site.
    - Less than one cubic yard (CY) of drilling spoils was generated during displacement pile installation and were temporarily staged adjacent to the work area. Langan screened the drilling spoils for odors, staining, and organic vapors using a PID. No evidence of impacts was observed. The drilling spoils will be removed and stockpiled during future excavation around the piles.
    - New Leaf used a tremie pipe to place grout within the displacement piles. Excess grout will be stockpiled and managed as construction and demolition (C&D) debris at a later date.
- ADG excavated an approximately 4-foot-long by 4-foot-wide area to about 1-foot bgs in the eastern part of site.
    - Excavated material consisted of soil/fill. Langan screened the excavated material for odors, staining, and organic vapors using a PID. No evidence of impacts was observed. Excavated soil/fill was temporarily graded into the surface adjacent to the work area
- A representative from WSP conducted a site visit on behalf of the NYSDEC. No adverse conditions were noted as a result of the site visit

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 the 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	**7**
		Quantity (tons)	0	**153.36**
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**	**Exported**	**Today**	**Total**
Clean Earth of Carteret (CEC) Carteret, NJ Elevated Soil/Fill	9,857 CY (13,800 tons)	**No. Loads**	0	**72**
		Quantity (CY)	0	**1,440**
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 Dense Non-Aqueous Phase Liquid (DNAPL) is staged in the southern part of the site.
- One 55-gallon drum containing purged groundwater and DNAPL is staged in the western 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 personal protective equipment (PPE) are staged in the southern part of the site.
- Two 55-gallon drums containing drill cuttings are staged in the southern part of the site.

Anticipated Activities

- New Leaf will continue drilling displacement piles.
- New Leaf will conduct a lateral load test.

SITE PHOTOGRAPHS:

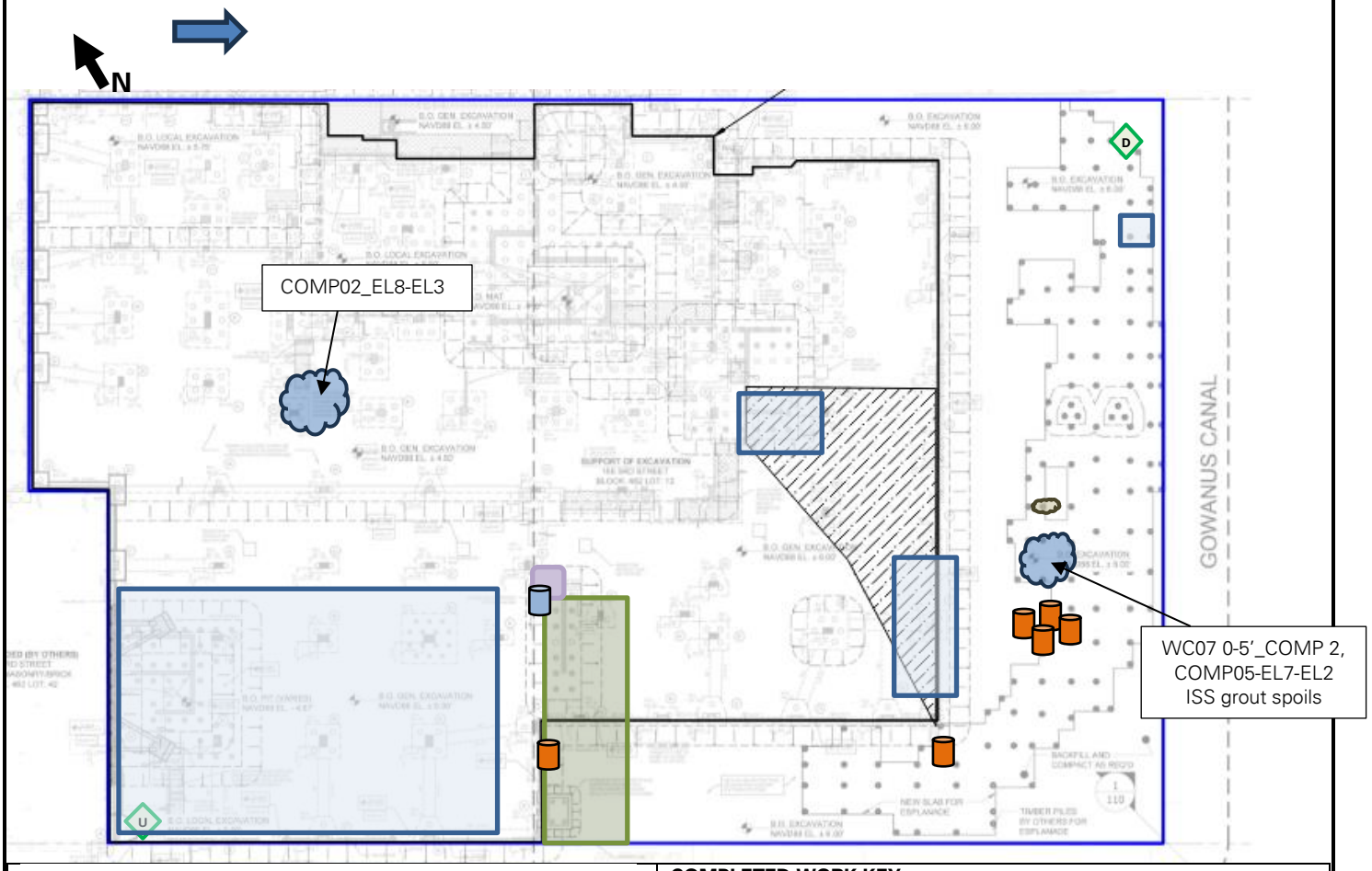


Photo 1: New Leaf drilling displacement piles in the southwestern part of site (facing southwest).



Photo 2: New Leaf pre-drilling displacement piles within the ISS monolith in the eastern part of site (facing northeast).

FIGURE 1 - SITE MAP:



LEGEND:

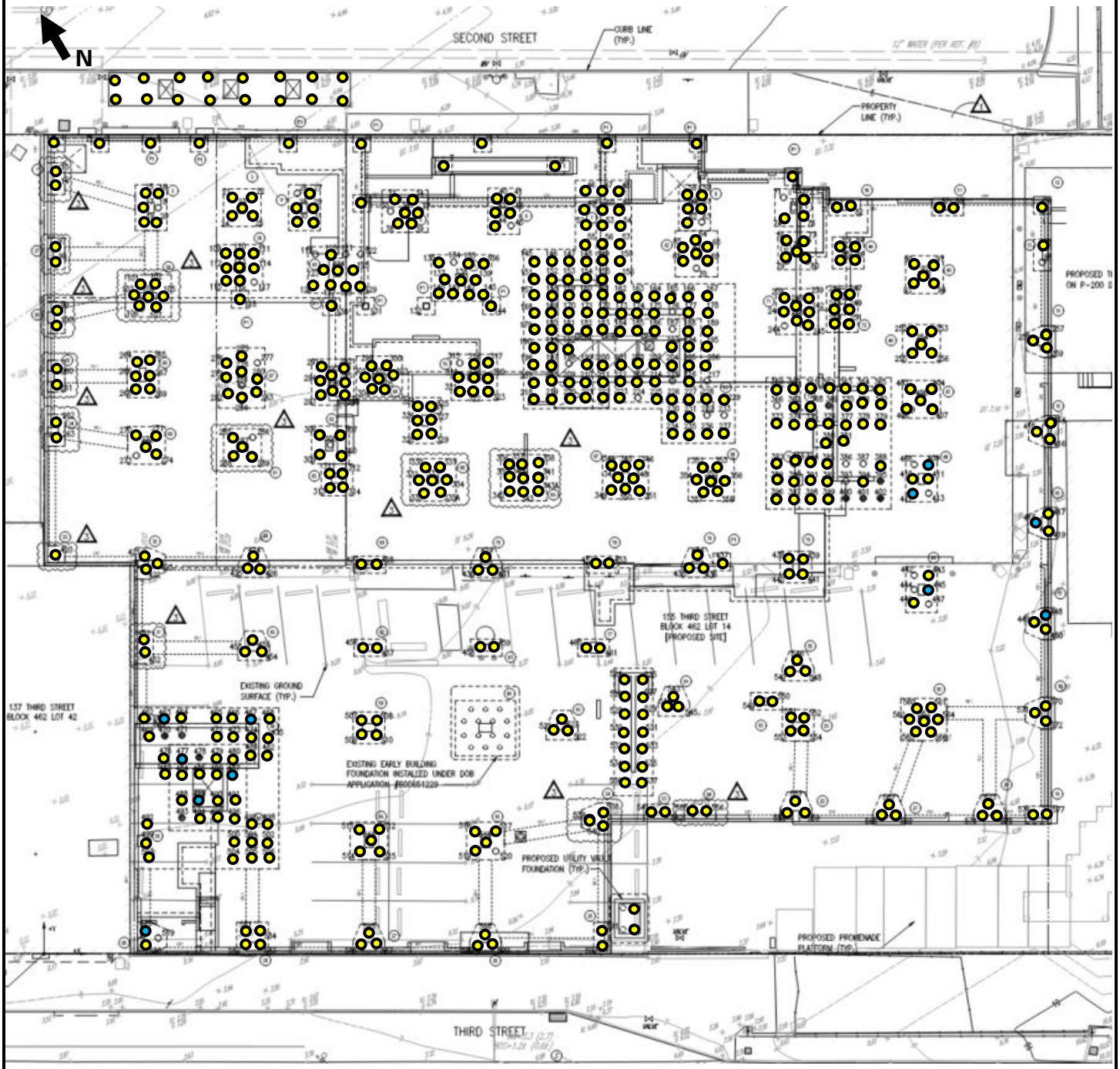
- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

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

FIGURE 2 – DISPLACEMENT PILE PLAN:



COMPLETED WORK KEY

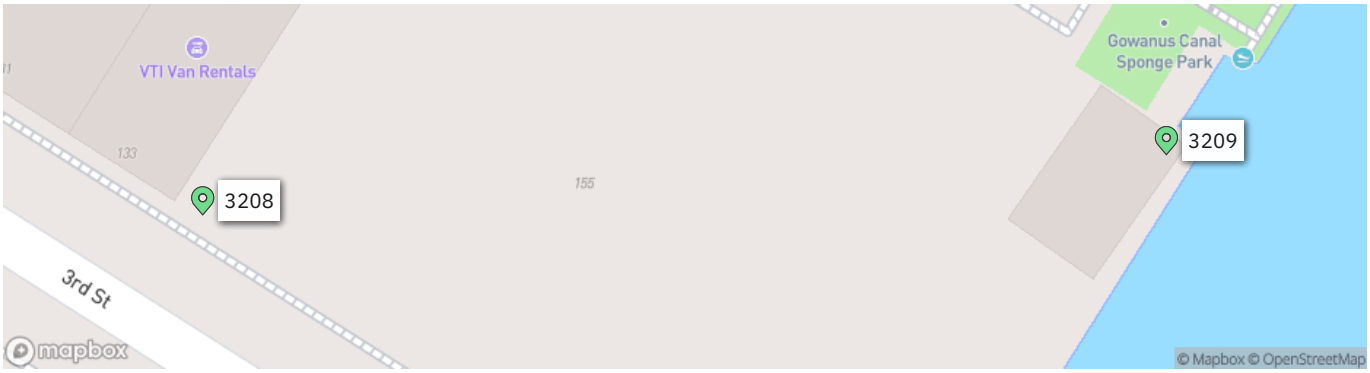
- Approximate Location of Displacement Pile Advanced Today
- Approximate Location of Displacement Pile Advanced Previously

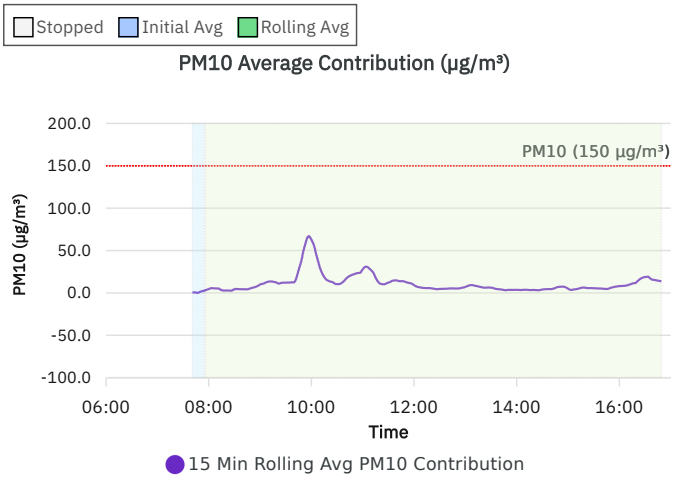
Base map includes Drawing P100 – Full Displacement Pile (FDP) ID, prepared by Mueser Rutledge Consulting Engineers PLLC, dated 8/18/2025

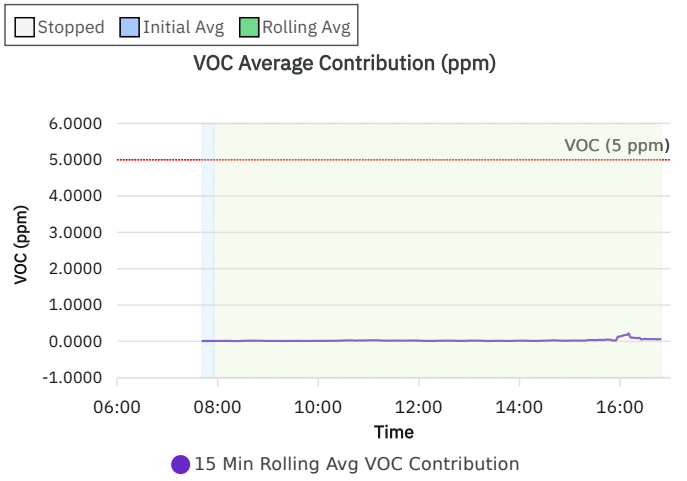
LANGAN	Site Contribution Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	01/22/2026 06:00
		To:	01/22/2026 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
01/22/2026	35.2 - 48.9	34.4 - 60.8	30.0 - 30.2	0.7 - 11.2	W

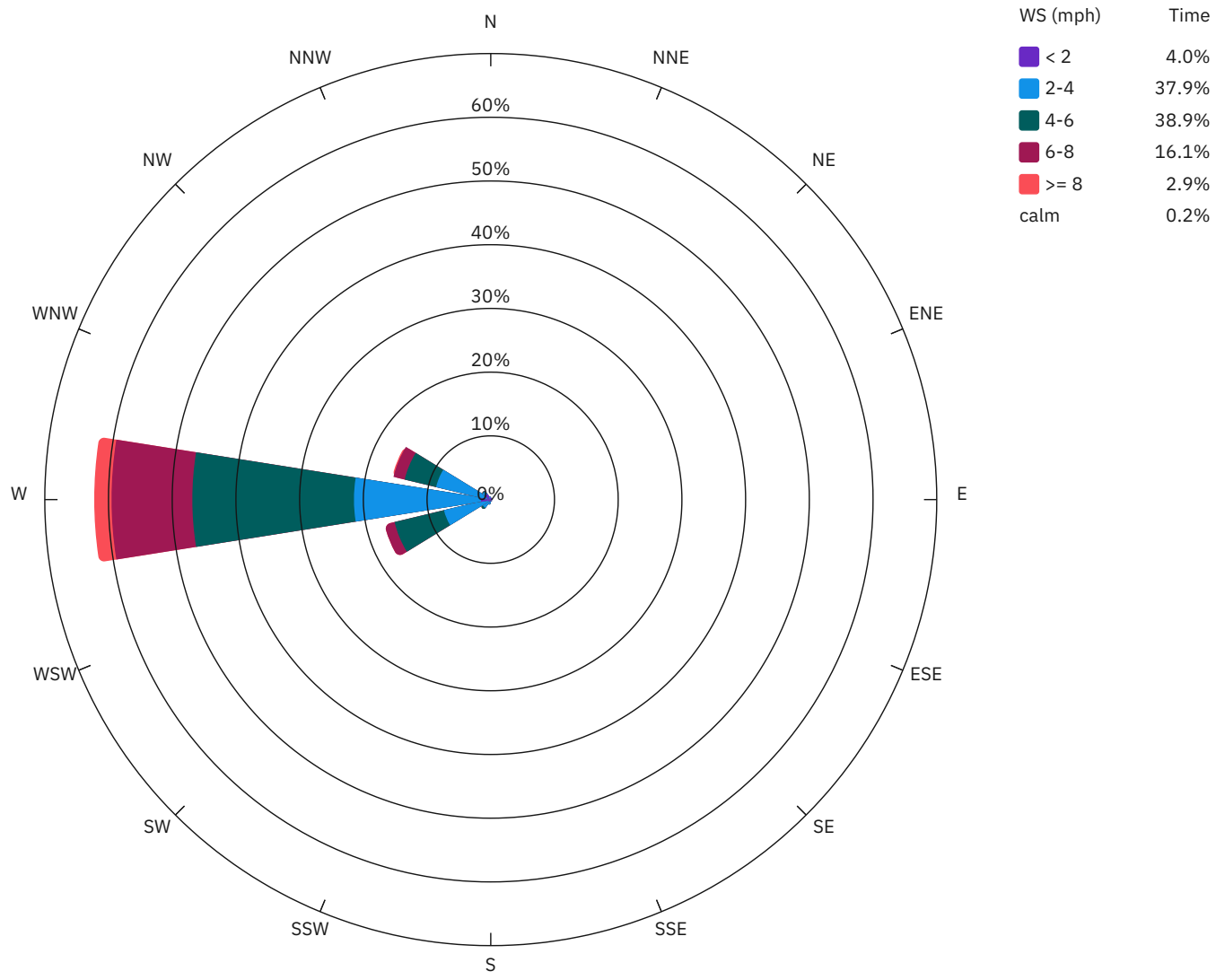
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/22/2026	0.6	07:45	0.0100	07:45
Max Contribution (15 min avg.) - 1/22/2026	62.9	10:00	0.1347	16:00
Daily Avg. Contribution (15 min avg.) - 1/22/2026	10.9	-	0.0261	-



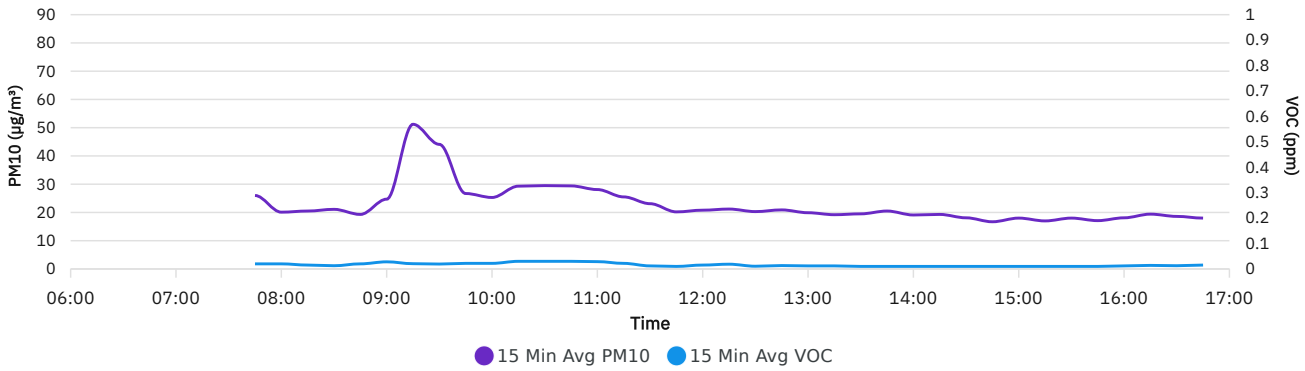




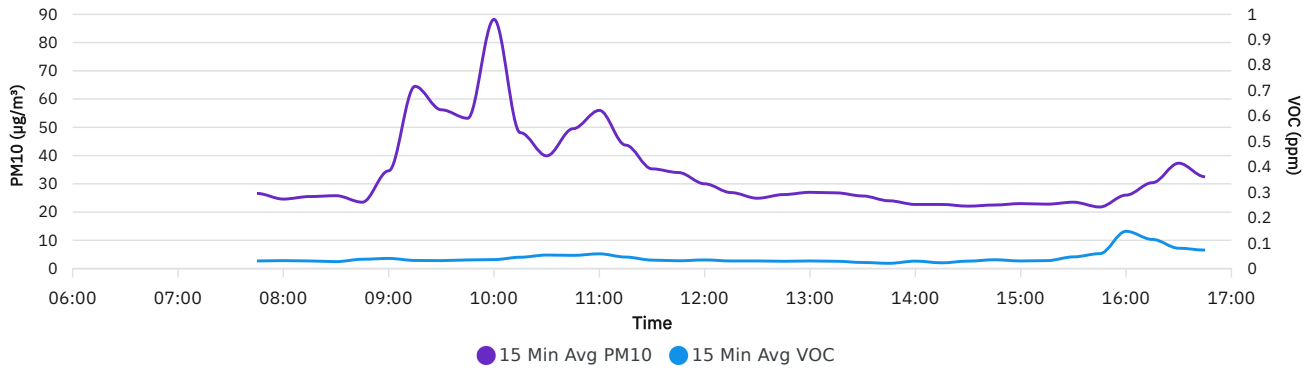
Wind rose (mph)



3208



3209


90
80
70
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
1/22/2026 07:45	26.0	26.5	0.6	0.0200	0.0300	0.0100	3.6	W
1/22/2026 08:00	20.1	24.6	4.5	0.0200	0.0313	0.0113	3.8	W
1/22/2026 08:15	21.2	24.8	3.6	0.0167	0.0287	0.0120	2.1	W
1/22/2026 08:30	21.4	25.5	4.0	0.0133	0.0267	0.0133	3.3	W
1/22/2026 08:45	19.3	23.5	4.2	0.0200	0.0367	0.0167	4.0	W
1/22/2026 09:00	24.7	34.6	9.9	0.0280	0.0400	0.0120	3.0	W
1/22/2026 09:15	51.2	64.5	13.3	0.0207	0.0320	0.0113	4.8	WNW
1/22/2026 09:30	44.1	56.2	12.1	0.0193	0.0313	0.0120	3.7	W
1/22/2026 09:45	26.7	53.2	26.5	0.0220	0.0340	0.0120	2.9	W
1/22/2026 10:00	25.3	88.2	62.9	0.0220	0.0353	0.0133	3.1	W
1/22/2026 10:15	29.3	48.1	18.8	0.0300	0.0447	0.0147	2.7	W
1/22/2026 10:30	29.5	39.9	10.4	0.0300	0.0533	0.0233	2.9	W
1/22/2026 10:45	29.4	49.5	20.1	0.0300	0.0520	0.0220	3.2	W
1/22/2026 11:00	28.1	56.0	27.8	0.0287	0.0580	0.0293	3.2	W
1/22/2026 11:15	25.5	43.7	18.2	0.0220	0.0453	0.0233	4.6	W
1/22/2026 11:30	23.1	35.3	12.2	0.0120	0.0333	0.0213	5.3	W
1/22/2026 11:45	20.2	34.0	13.8	0.0100	0.0307	0.0207	6.4	W
1/22/2026 12:00	20.8	30.0	9.2	0.0153	0.0340	0.0187	5.1	W
1/22/2026 12:15	21.2	26.9	5.7	0.0187	0.0300	0.0113	5.2	W
1/22/2026 12:30	20.3	24.9	4.7	0.0107	0.0300	0.0193	4.8	W
1/22/2026 12:45	20.9	26.2	5.3	0.0133	0.0287	0.0153	5.5	W
1/22/2026 13:00	19.9	27.0	7.1	0.0120	0.0300	0.0180	4.2	W
1/22/2026 13:15	19.2	26.8	7.7	0.0120	0.0287	0.0167	5.8	W
1/22/2026 13:30	19.5	25.7	6.2	0.0100	0.0240	0.0140	5.9	W
1/22/2026 13:45	20.5	24.0	3.5	0.0100	0.0207	0.0107	6.0	W
1/22/2026 14:00	19.1	22.7	3.6	0.0100	0.0293	0.0193	4.9	W
1/22/2026 14:15	19.3	22.7	3.4	0.0100	0.0227	0.0127	5.4	W
1/22/2026 14:30	18.1	22.1	4.0	0.0100	0.0293	0.0193	5.5	W
1/22/2026 14:45	16.7	22.5	5.8	0.0100	0.0347	0.0247	5.7	W
1/22/2026 15:00	18.0	23.0	5.0	0.0100	0.0300	0.0200	6.0	W
1/22/2026 15:15	17.0	22.8	5.9	0.0100	0.0313	0.0213	4.7	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	Wind Direction
1/22/2026 15:30	18.0	23.5	5.5	0.0100	0.0460	0.0360	4.9	W
1/22/2026 15:45	17.1	21.8	4.7	0.0100	0.0587	0.0487	3.7	W
1/22/2026 16:00	18.1	26.0	8.0	0.0120	0.1467	0.1347	3.5	W
1/22/2026 16:15	19.4	30.4	11.0	0.0140	0.1147	0.1007	3.1	W
1/22/2026 16:30	18.6	37.3	18.7	0.0127	0.0800	0.0673	5.3	W
1/22/2026 16:45	18.0	32.5	14.5	0.0153	0.0727	0.0573	3.6	W

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
01/22/2026 07:45	26.0	0.0200	26.6	0.0300	W	3.6
01/22/2026 08:00	20.1	0.0200	24.6	0.0313	W	3.8
01/22/2026 08:15	20.5	0.0153	25.5	0.0300	W	2.1
01/22/2026 08:30	21.1	0.0127	25.8	0.0273	W	3.3
01/22/2026 08:45	19.3	0.0200	23.5	0.0367	W	4.0
01/22/2026 09:00	24.7	0.0280	34.6	0.0400	W	3.0
01/22/2026 09:15	51.2	0.0207	64.5	0.0320	WNW	4.8
01/22/2026 09:30	44.1	0.0193	56.2	0.0313	W	3.7
01/22/2026 09:45	26.7	0.0220	53.2	0.0340	W	2.9
01/22/2026 10:00	25.3	0.0220	88.2	0.0353	W	3.1
01/22/2026 10:15	29.3	0.0300	48.1	0.0447	W	2.7
01/22/2026 10:30	29.5	0.0300	39.9	0.0533	W	2.9
01/22/2026 10:45	29.4	0.0300	49.5	0.0520	W	3.2
01/22/2026 11:00	28.1	0.0287	56.0	0.0580	W	3.2
01/22/2026 11:15	25.5	0.0220	43.7	0.0453	W	4.6
01/22/2026 11:30	23.1	0.0120	35.3	0.0333	W	5.3
01/22/2026 11:45	20.2	0.0100	34.0	0.0307	W	6.4
01/22/2026 12:00	20.8	0.0153	30.0	0.0340	W	5.1
01/22/2026 12:15	21.2	0.0187	26.9	0.0300	W	5.2
01/22/2026 12:30	20.3	0.0107	24.9	0.0300	W	4.8
01/22/2026 12:45	20.9	0.0133	26.2	0.0287	W	5.5
01/22/2026 13:00	19.9	0.0120	27.0	0.0300	W	4.2
01/22/2026 13:15	19.2	0.0120	26.8	0.0287	W	5.8
01/22/2026 13:30	19.5	0.0100	25.7	0.0240	W	5.9
01/22/2026 13:45	20.5	0.0100	24.0	0.0207	W	6.0
01/22/2026 14:00	19.1	0.0100	22.7	0.0293	W	4.9
01/22/2026 14:15	19.3	0.0100	22.7	0.0227	W	5.4
01/22/2026 14:30	18.1	0.0100	22.1	0.0293	W	5.5
01/22/2026 14:45	16.7	0.0100	22.5	0.0347	W	5.7
01/22/2026 15:00	18.0	0.0100	23.0	0.0300	W	6.0
01/22/2026 15:15	17.0	0.0100	22.8	0.0313	W	4.7
01/22/2026 15:30	18.0	0.0100	23.5	0.0460	W	4.9
01/22/2026 15:45	17.1	0.0100	21.8	0.0587	W	3.7
01/22/2026 16:00	18.1	0.0120	26.0	0.1467	W	3.5
01/22/2026 16:15	19.4	0.0140	30.4	0.1147	W	3.1
01/22/2026 16:30	18.6	0.0127	37.3	0.0800	W	5.3
01/22/2026 16:45	18.0	0.0153	32.5	0.0727	W	3.6