SITE OBSERVATION REPORT - RAWP Implementation – Day 135

LANGAN

PROJECT No.:	170390001	**CLIENT:**	Third Street Owner LLC and 155 Third St., LLC	**DATE:**	Thursday, January 23, 2026
PROJECT:	141 3rd Street			**WEATHER:**	Fair, 31 – 37^{0}F Wind: W @ 1.3 – 13.6 mph
LOCATION:	Brooklyn, New York			**TIME:**	6:45 a.m. – 7:30 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: Dylan Morrison
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 two displacement piles (pile ID numbers 442 and 447 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 six displacement piles (pile ID numbers 394, 593, and 579 to about 65 feet bgs; pile ID numbers 478 and 493 to about 67 feet bgs; and pile ID number 470 to about 64 feet bgs) in the northwestern 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.
- New Leaf conducted a lateral load test in the western part of the site.
- 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 begin source removal on Tuesday, 1/27.
- New Leaf will export timber on Tuesday, 1/27.

SITE PHOTOGRAPHS:

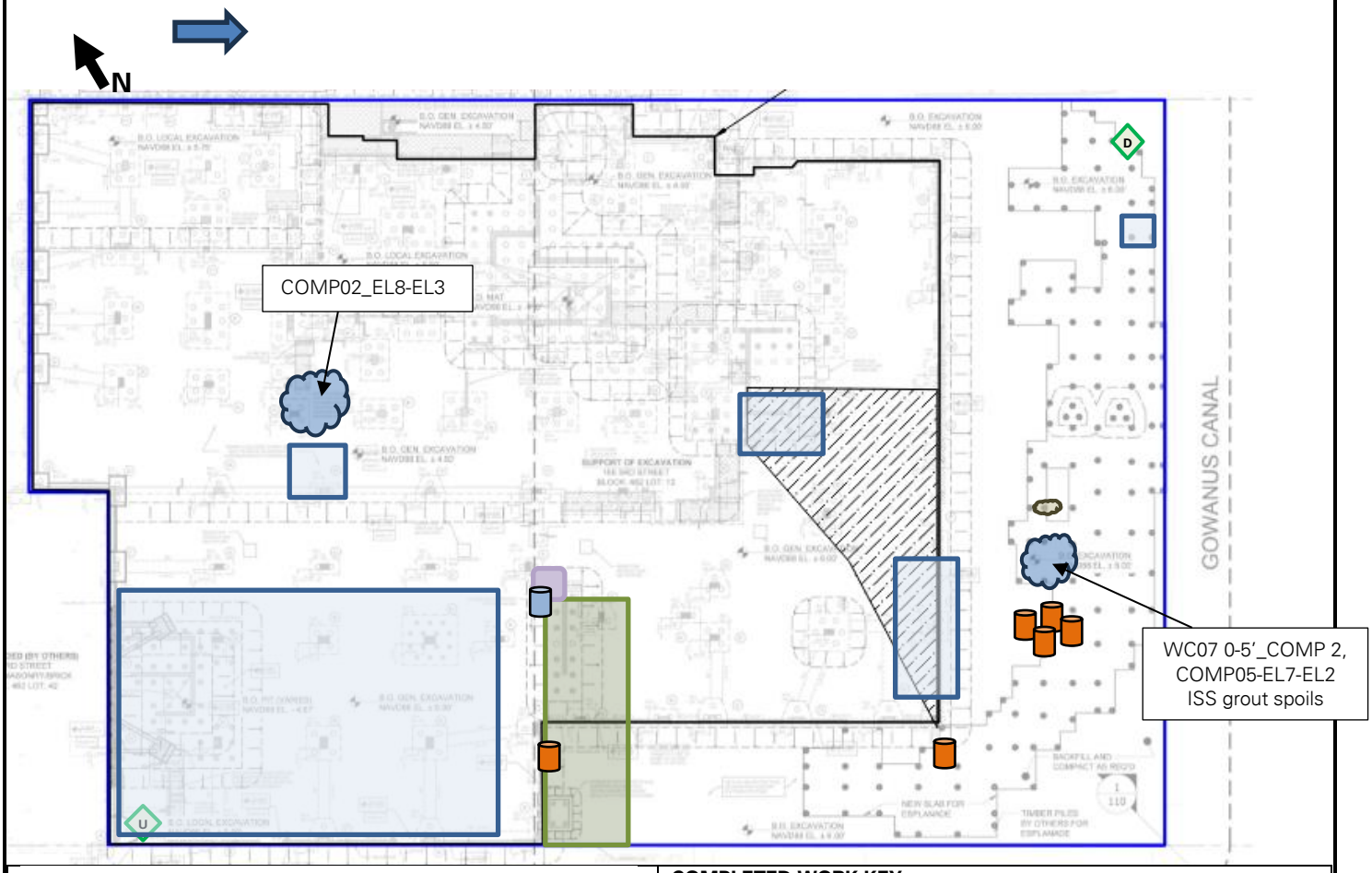


Photo 1: New Leaf drilling displacement piles in the southeastern part of site (facing east).



Photo 2: New Leaf excavating test pit area in the eastern part of site for lateral load test (facing north).

FIGURE 1 - SITE MAP:



LEGEND:

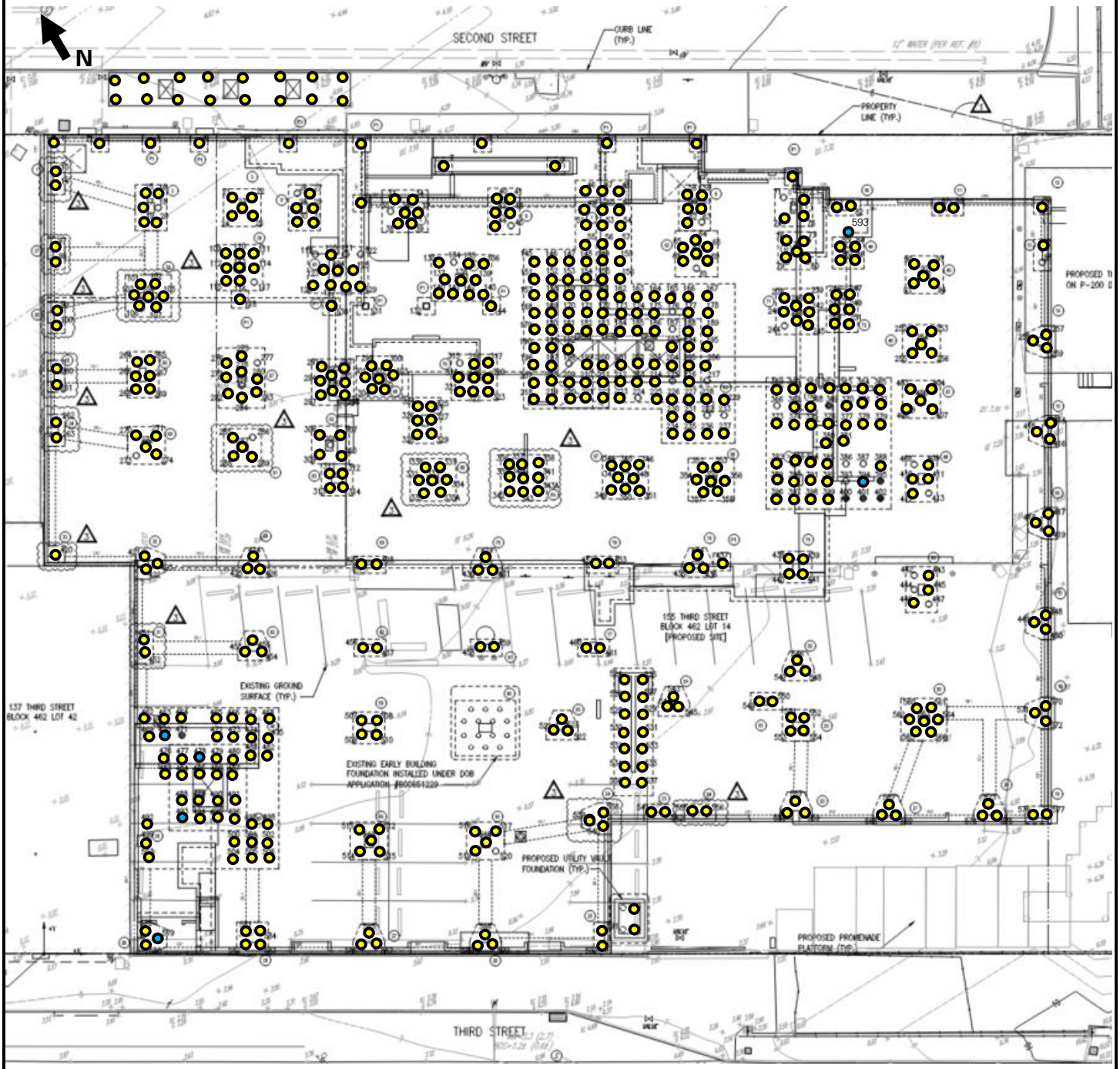
- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

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

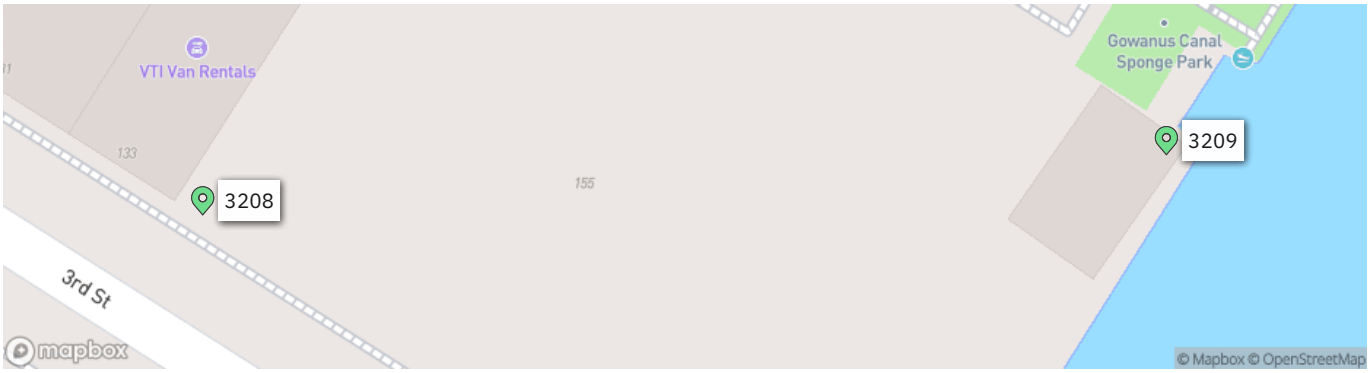
- Approximate Location of Displacement Pile Advanced Today
- Approximate Location of Displacement Pile Advanced Previously

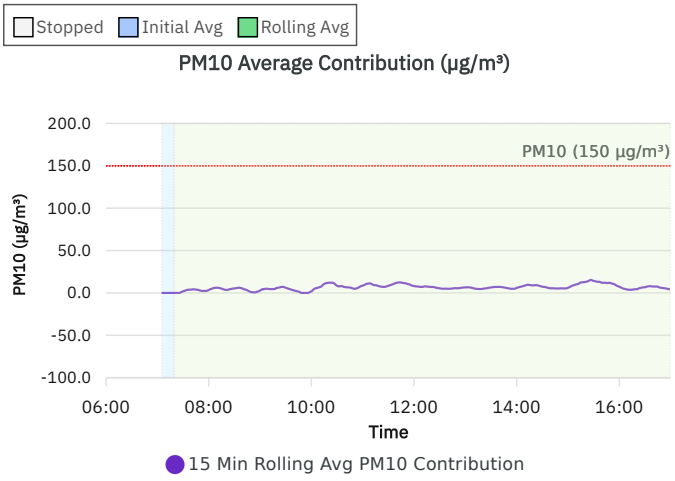
Base map includes Drawing P100 – Full Displacement Pile (FDP) ID, prepared by Mueser Rutledge Consulting Engineers PLLC, dated 8/18/2025

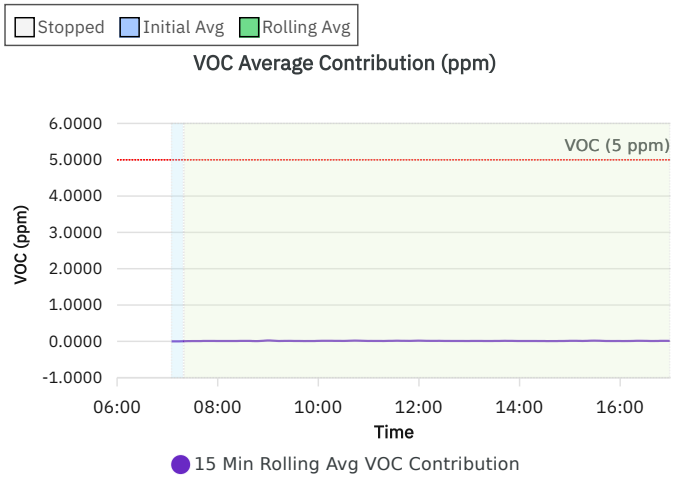
LANGAN	Site Contribution Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	01/23/2026 06:00
		To:	01/23/2026 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
01/23/2026	29.1 - 35.1	31.2 - 41.8	30.2 - 30.3	1.2 - 13.7	W

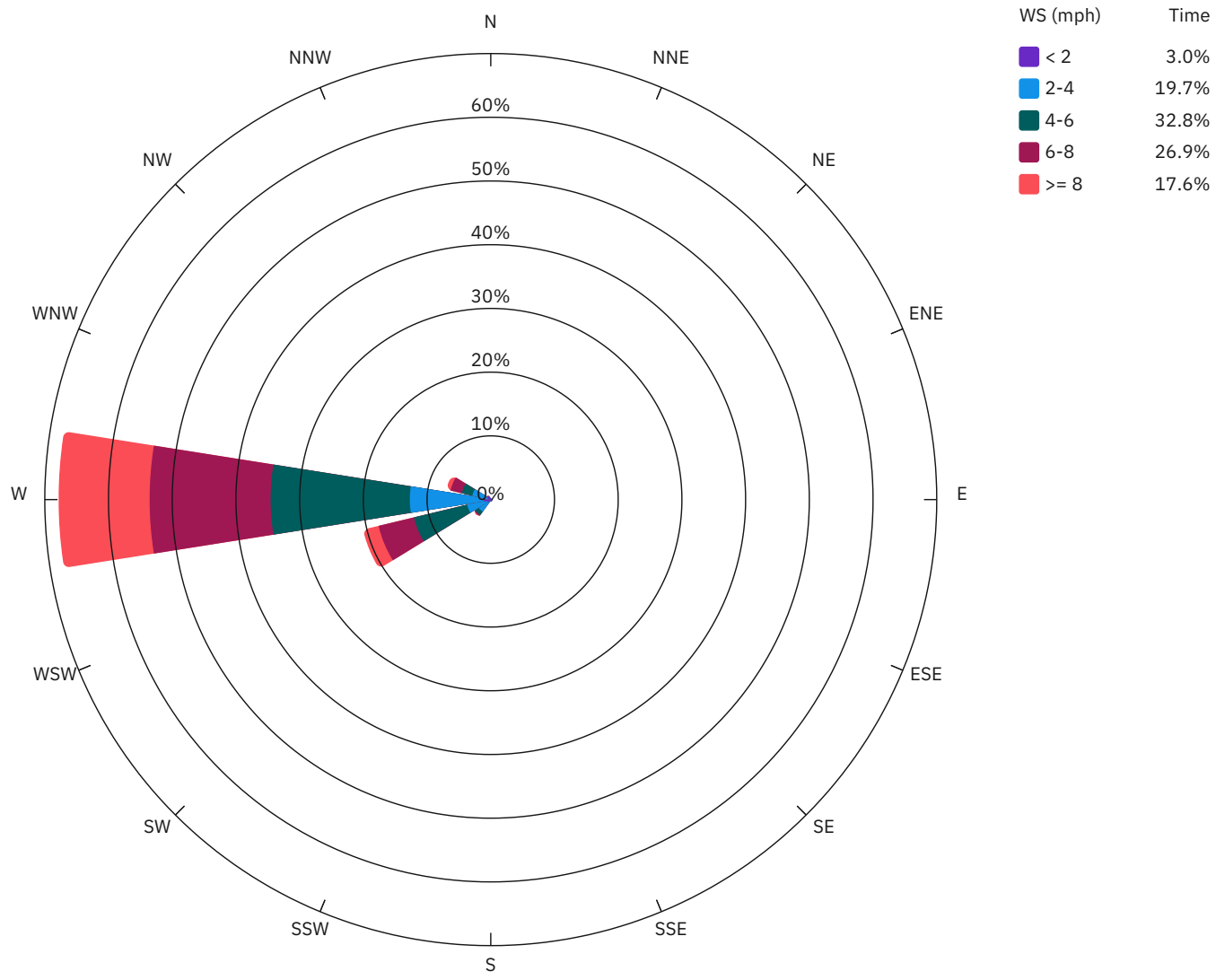
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/23/2026	0.0	07:15	0.0009	07:15
Max Contribution (15 min avg.) - 1/23/2026	14.2	15:30	0.0240	09:00
Daily Avg. Contribution (15 min avg.) - 1/23/2026	6.5	-	0.0119	-



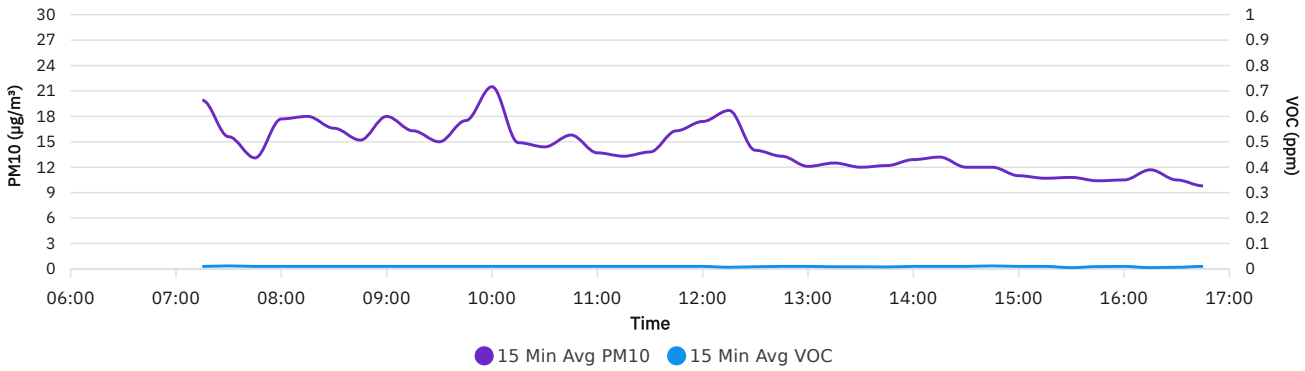




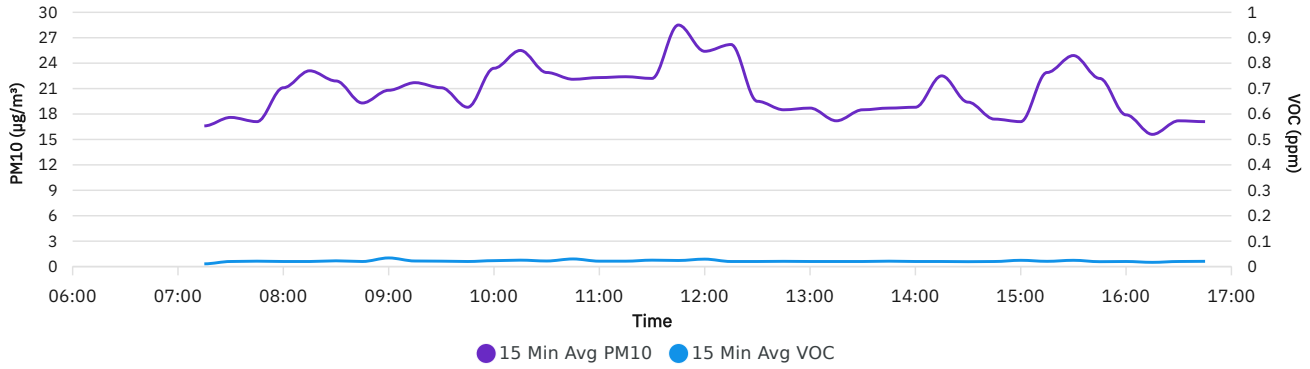
Wind rose (mph)



3208



3209


30
27
24
21
18
15
12
9
6
3
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
1/23/2026 07:15	19.9	16.5	0.0	0.0100	0.0109	0.0009	2.6	W
1/23/2026 07:30	15.6	17.6	1.9	0.0120	0.0200	0.0080	2.9	W
1/23/2026 07:45	13.1	17.1	4.0	0.0100	0.0213	0.0113	3.4	W
1/23/2026 08:00	17.7	21.1	3.4	0.0100	0.0200	0.0100	3.5	W
1/23/2026 08:15	18.0	23.1	5.1	0.0100	0.0200	0.0100	3.4	W
1/23/2026 08:30	16.6	21.9	5.3	0.0100	0.0227	0.0127	3.3	W
1/23/2026 08:45	15.7	18.8	3.2	0.0113	0.0187	0.0073	3.1	W
1/23/2026 09:00	18.0	20.8	2.8	0.0100	0.0340	0.0240	4.1	W
1/23/2026 09:15	16.7	21.2	4.5	0.0107	0.0213	0.0107	3.0	WSW
1/23/2026 09:30	15.0	21.1	6.1	0.0100	0.0213	0.0113	3.6	W
1/23/2026 09:45	17.3	18.9	1.6	0.0107	0.0193	0.0087	3.1	W
1/23/2026 10:00	21.5	23.4	1.9	0.0100	0.0233	0.0133	4.6	W
1/23/2026 10:15	14.9	25.5	10.6	0.0100	0.0253	0.0153	4.4	WSW
1/23/2026 10:30	14.4	22.9	8.5	0.0100	0.0220	0.0120	5.2	W
1/23/2026 10:45	15.8	22.1	6.3	0.0100	0.0300	0.0200	6.2	W
1/23/2026 11:00	13.7	22.3	8.6	0.0100	0.0213	0.0113	7.4	W
1/23/2026 11:15	13.3	22.4	9.1	0.0100	0.0213	0.0113	6.3	W
1/23/2026 11:30	13.8	22.2	8.4	0.0100	0.0253	0.0153	6.7	W
1/23/2026 11:45	16.3	28.5	12.3	0.0100	0.0240	0.0140	7.2	W
1/23/2026 12:00	17.4	25.4	8.1	0.0100	0.0293	0.0193	8.1	W
1/23/2026 12:15	18.7	26.2	7.5	0.0067	0.0200	0.0133	8.4	W
1/23/2026 12:30	14.0	19.5	5.4	0.0087	0.0200	0.0113	7.4	W
1/23/2026 12:45	13.3	18.5	5.3	0.0100	0.0207	0.0107	7.0	W
1/23/2026 13:00	12.1	18.7	6.6	0.0100	0.0200	0.0100	7.7	W
1/23/2026 13:15	12.5	17.2	4.7	0.0087	0.0200	0.0113	6.7	W
1/23/2026 13:30	12.0	18.5	6.5	0.0087	0.0200	0.0113	6.9	W
1/23/2026 13:45	12.2	18.7	6.5	0.0080	0.0213	0.0133	6.1	W
1/23/2026 14:00	12.9	18.8	5.9	0.0100	0.0200	0.0100	7.2	W
1/23/2026 14:15	13.2	22.5	9.3	0.0100	0.0200	0.0100	6.8	W
1/23/2026 14:30	12.0	19.4	7.4	0.0100	0.0193	0.0093	5.8	W
1/23/2026 14:45	12.0	17.4	5.3	0.0120	0.0200	0.0080	5.0	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
1/23/2026 15:00	11.0	17.1	6.1	0.0100	0.0247	0.0147	6.9	W
1/23/2026 15:15	10.7	22.9	12.3	0.0100	0.0207	0.0107	7.0	W
1/23/2026 15:30	10.8	24.9	14.2	0.0053	0.0247	0.0193	6.9	W
1/23/2026 15:45	10.4	22.2	11.8	0.0093	0.0193	0.0100	6.6	W
1/23/2026 16:00	10.5	17.9	7.3	0.0100	0.0200	0.0100	6.9	W
1/23/2026 16:15	11.7	15.6	3.9	0.0053	0.0167	0.0113	7.2	W
1/23/2026 16:30	10.5	17.2	6.7	0.0067	0.0200	0.0133	6.7	W
1/23/2026 16:45	9.8	17.1	7.3	0.0100	0.0207	0.0107	6.3	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
01/23/2026 07:15	19.9	0.0100	16.6	0.0108	W	2.6
01/23/2026 07:30	15.6	0.0120	17.6	0.0200	W	2.9
01/23/2026 07:45	13.1	0.0100	17.1	0.0213	W	3.4
01/23/2026 08:00	17.7	0.0100	21.1	0.0200	W	3.5
01/23/2026 08:15	18.0	0.0100	23.1	0.0200	W	3.4
01/23/2026 08:30	16.6	0.0100	21.9	0.0227	W	3.3
01/23/2026 08:45	15.2	0.0100	19.3	0.0200	W	3.1
01/23/2026 09:00	18.0	0.0100	20.8	0.0340	W	4.1
01/23/2026 09:15	16.3	0.0100	21.7	0.0220	WSW	3.0
01/23/2026 09:30	15.0	0.0100	21.1	0.0213	W	3.6
01/23/2026 09:45	17.5	0.0100	18.8	0.0200	W	3.1
01/23/2026 10:00	21.5	0.0100	23.4	0.0233	W	4.6
01/23/2026 10:15	14.9	0.0100	25.5	0.0253	WSW	4.4
01/23/2026 10:30	14.4	0.0100	22.9	0.0220	W	5.2
01/23/2026 10:45	15.8	0.0100	22.1	0.0300	W	6.2
01/23/2026 11:00	13.7	0.0100	22.3	0.0213	W	7.4
01/23/2026 11:15	13.3	0.0100	22.4	0.0213	W	6.3
01/23/2026 11:30	13.8	0.0100	22.2	0.0253	W	6.7
01/23/2026 11:45	16.3	0.0100	28.5	0.0240	W	7.2
01/23/2026 12:00	17.4	0.0100	25.4	0.0293	W	8.1
01/23/2026 12:15	18.7	0.0067	26.2	0.0200	W	8.4
01/23/2026 12:30	14.0	0.0087	19.5	0.0200	W	7.4
01/23/2026 12:45	13.3	0.0100	18.5	0.0207	W	7.0
01/23/2026 13:00	12.1	0.0100	18.7	0.0200	W	7.7
01/23/2026 13:15	12.5	0.0087	17.2	0.0200	W	6.7
01/23/2026 13:30	12.0	0.0087	18.5	0.0200	W	6.9
01/23/2026 13:45	12.2	0.0080	18.7	0.0213	W	6.1
01/23/2026 14:00	12.9	0.0100	18.8	0.0200	W	7.2
01/23/2026 14:15	13.2	0.0100	22.5	0.0200	W	6.8
01/23/2026 14:30	12.0	0.0100	19.4	0.0193	W	5.8
01/23/2026 14:45	12.0	0.0120	17.4	0.0200	W	5.0
01/23/2026 15:00	11.0	0.0100	17.1	0.0247	W	6.9
01/23/2026 15:15	10.7	0.0100	22.9	0.0207	W	7.0
01/23/2026 15:30	10.8	0.0053	24.9	0.0247	W	6.9
01/23/2026 15:45	10.4	0.0093	22.2	0.0193	W	6.6
01/23/2026 16:00	10.5	0.0100	17.9	0.0200	W	6.9
01/23/2026 16:15	11.7	0.0053	15.6	0.0167	W	7.2
01/23/2026 16:30	10.5	0.0067	17.2	0.0200	W	6.7
01/23/2026 16:45	9.8	0.0100	17.1	0.0207	W	6.3