SITE OBSERVATION REPORT - RAWP Implementation – Day 130

LANGAN

PROJECT No.:	170390001	**CLIENT:**	**DATE:**	Friday, January 16, 2026	
PROJECT:	141 3rd Street	Third Street Owner LLC and 155 Third St., LLC	**WEATHER:**	Sunny, 21 – 34^{0}F Wind: SW @ 1.3 – 4.5 mph	
LOCATION:	Brooklyn, New York		**TIME:**	6:45 a.m. – 5:00 p.m.	
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: Joe Sullivan, Jose Gomez
Monadnock Construction, Inc. (Monadnock): Gavin Gawley, Bob Hempfling
Mueser Rutledge Consulting Engineers (MRCE): Joseph Croft, Amani Calderon
WSP: Eddy Nunez

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 excavated one about 15-foot-long by 5-foot-wide area to about 5 feet below grade surface (bgs) to expose a subsurface obstruction.
    - Excavated soil/fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed, the soil/fill was temporarily stockpiled adjacent to the excavated area, and subsequently backfilled.
- New Leaf advanced and installed sixteen displacement piles (pile ID numbers 260, 262, 269, 298, 455, 475, 511, 516, 584, 585, 588, 592, and C18 to about 65 feet below bgs; pile ID numbers 505 and 472 to about 70 feet bgs; and pile ID number 490 to about 73 feet bgs) in the northwestern and southwestern parts of the site.
    - Less than one cubic yard 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 photoionization detector (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.
- 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.

SITE PHOTOGRAPHS:

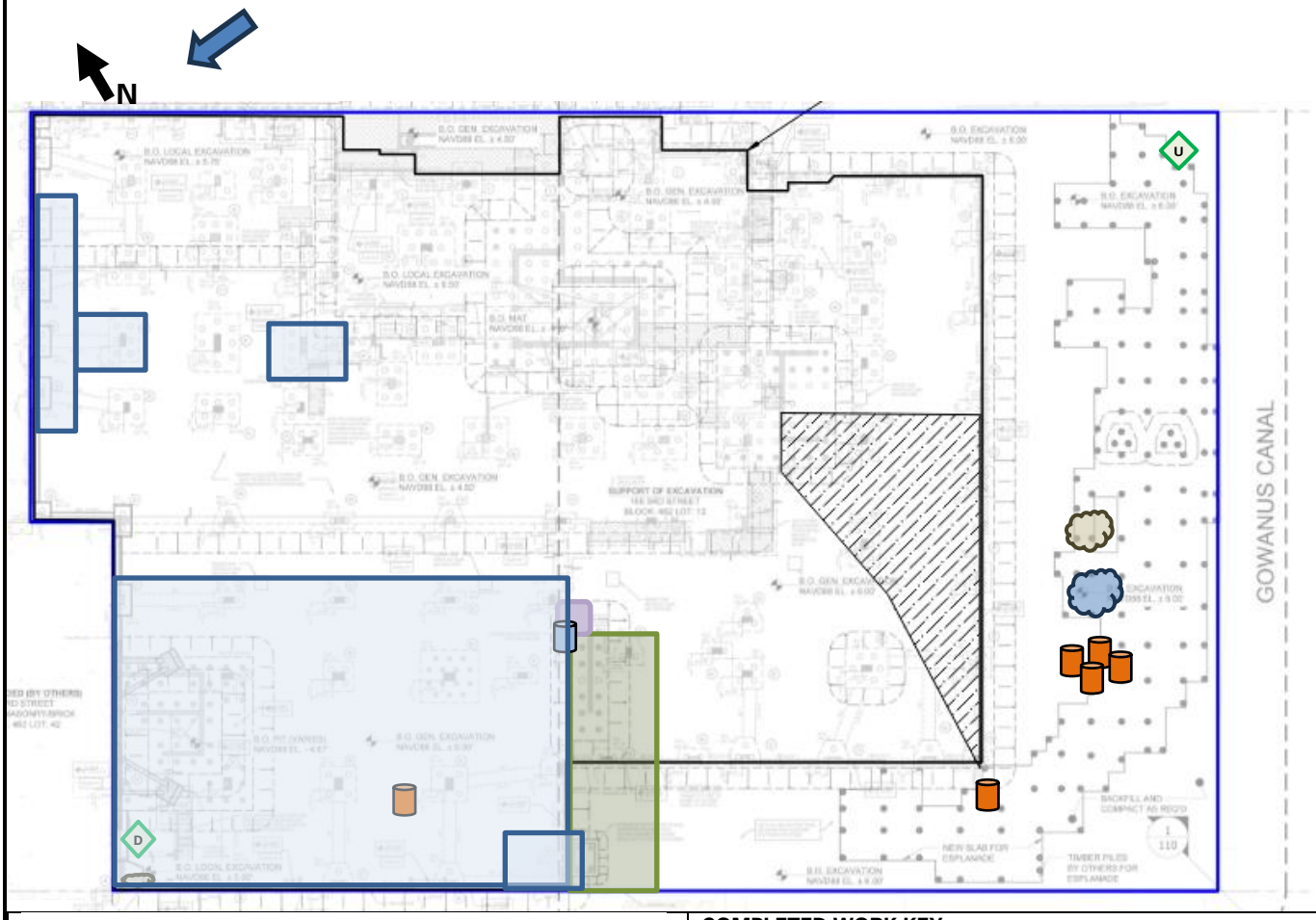


Photo 1: New Leaf drilling displacement piles in the southwestern part of site (facing northwest).



Photo 2: New Leaf excavating a subsurface obstruction in the western part of site (facing northeast).

FIGURE 1 - SITE MAP:



LEGEND:

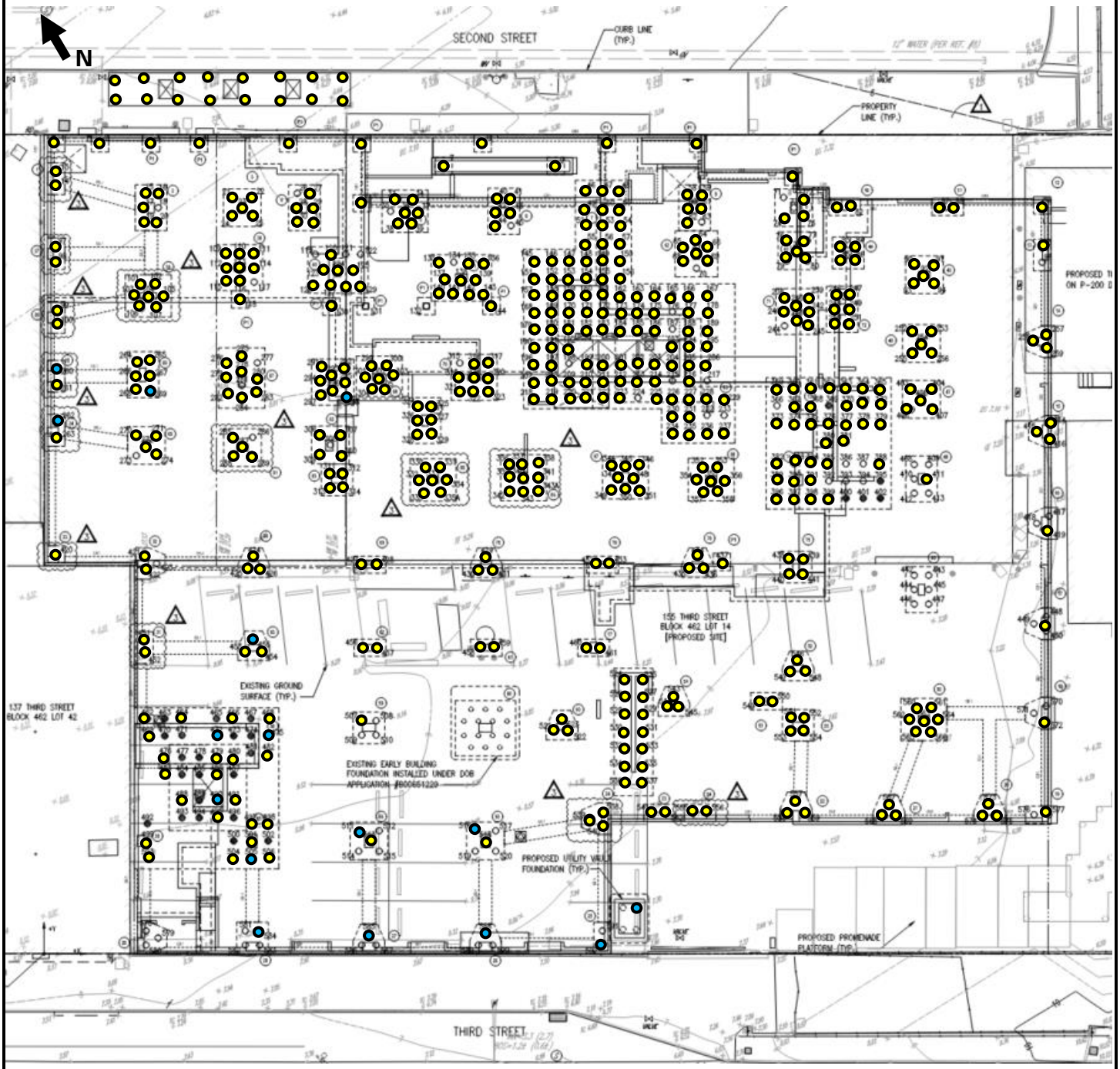
- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

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

FIGURE 2 – DISPLACEMENT PILE PLAN:



COMPLETED WORK KEY

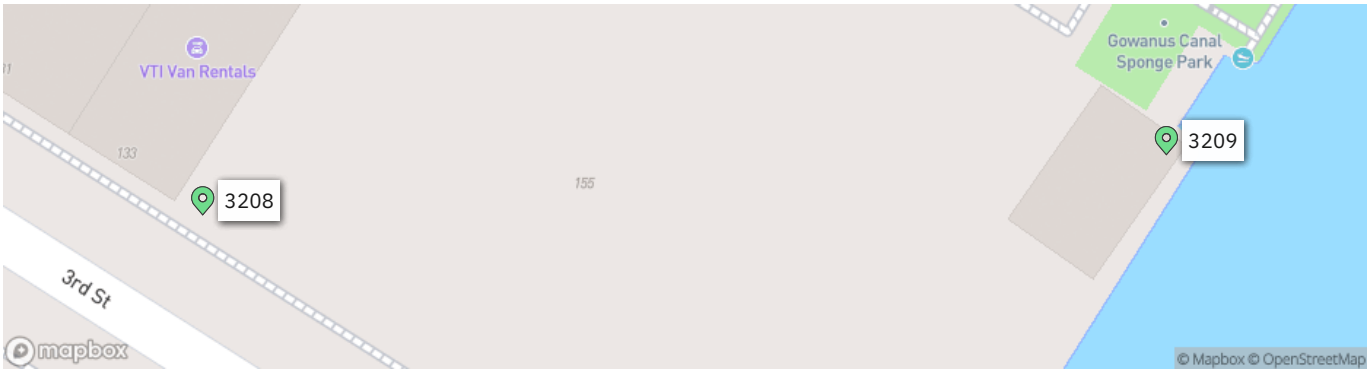
- Approximate Location of Displacement Pile Advanced Today
- Approximate Location of Displacement Pile Advanced Previously

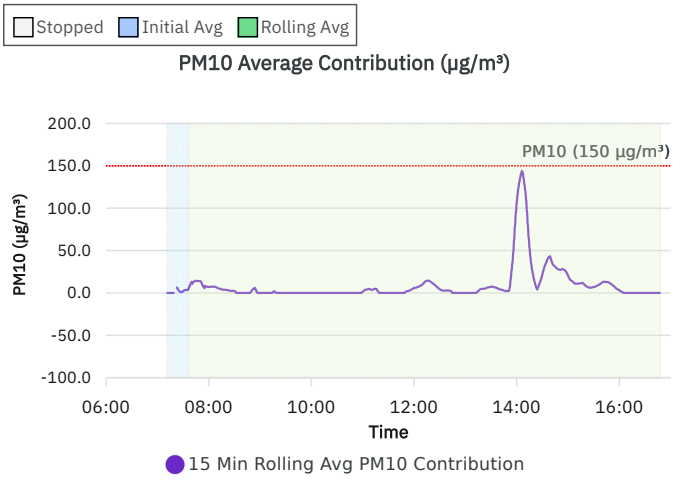
Base map includes Drawing P100 – Full Displacement Pile (FDP) ID, prepared by Mueser Rutledge Consulting Engineers PLLC, dated 8/18/2025

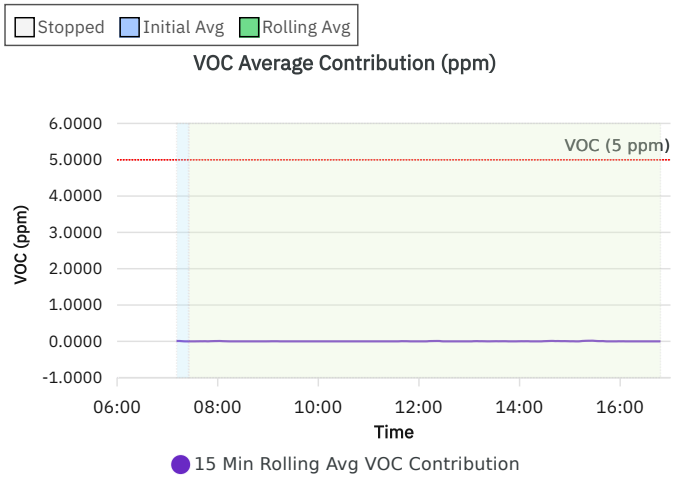
LANGAN	Site Contribution Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	01/16/2026 06:00
		To:	01/16/2026 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
01/16/2026	19.6 - 37.8	29.8 - 54.7	29.9 - 30.1	1.3 - 4.5	NE

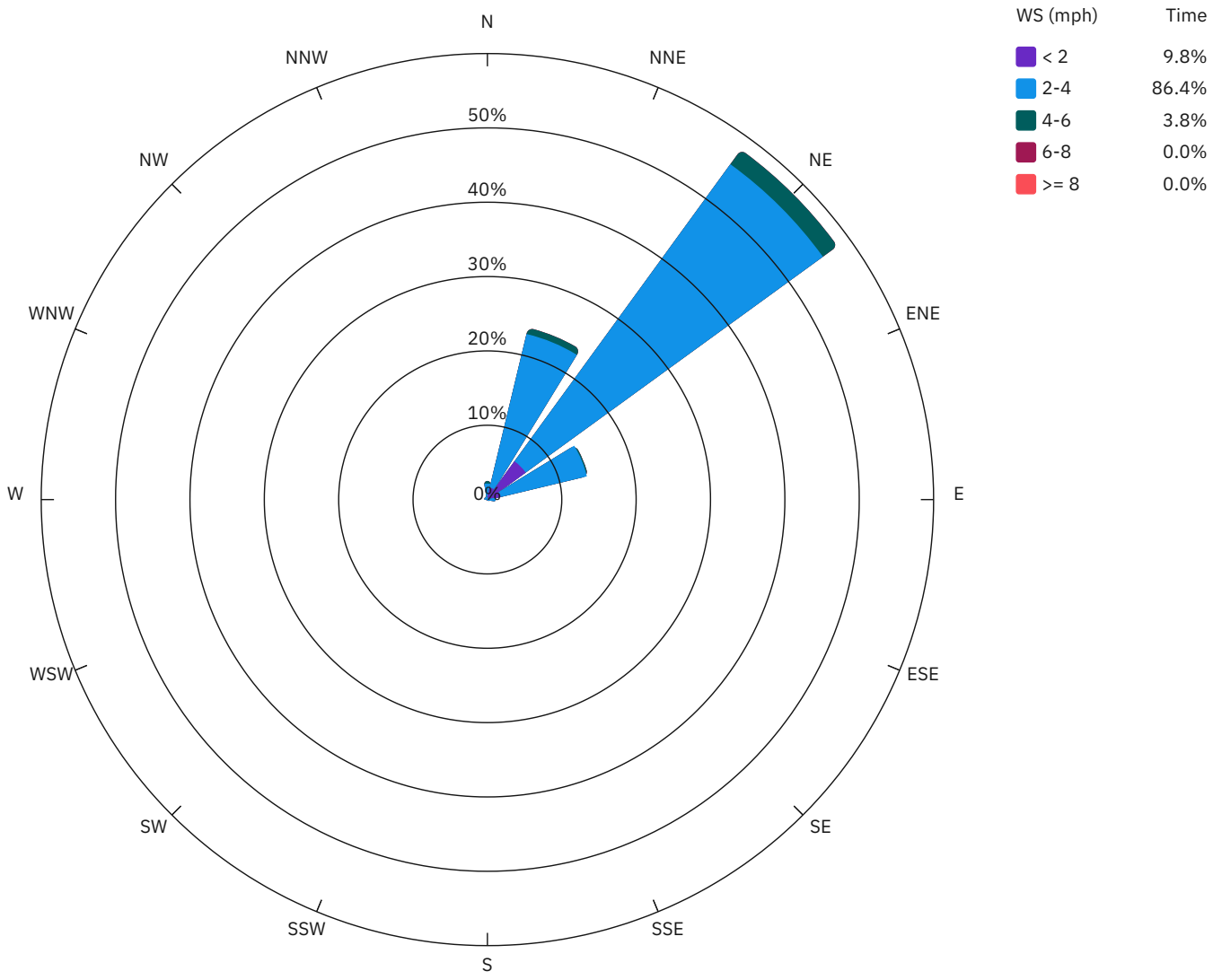
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/16/2026	0.0	07:15	0.0000	07:30
Max Contribution (15 min avg.) - 1/16/2026	106.3	14:00	0.0127	15:30
Daily Avg. Contribution (15 min avg.) - 1/16/2026	8.7	-	0.0022	-



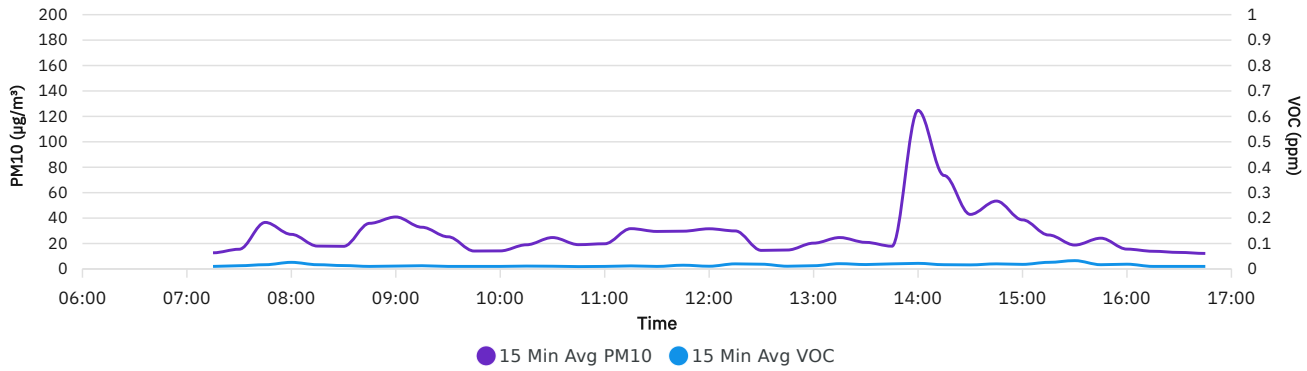




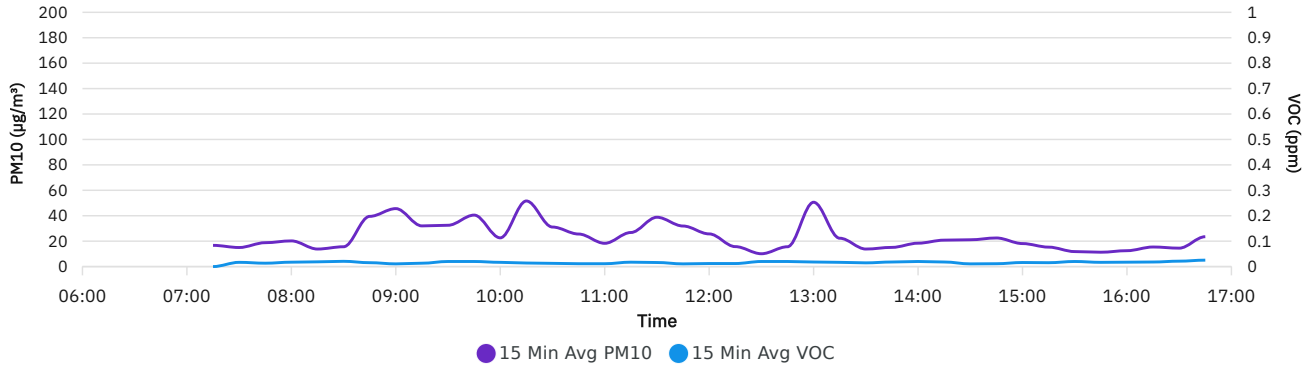
Wind rose (mph)



3208



3209


200
180
160
140
120
100
80
60
40
20
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
1/16/2026 07:15	16.6	12.7	0.0	0.0000	0.0100	0.0100	2.9	NE
1/16/2026 07:30	15.2	17.0	1.9	0.0167	0.0127	0.0000	2.6	NE
1/16/2026 07:45	20.5	34.9	14.4	0.0133	0.0167	0.0033	2.7	NNE
1/16/2026 08:00	20.2	27.2	7.0	0.0173	0.0260	0.0087	2.6	NNE
1/16/2026 08:15	13.8	18.0	4.2	0.0187	0.0167	0.0000	2.6	NE
1/16/2026 08:30	15.6	17.8	2.2	0.0207	0.0133	0.0000	2.8	NE
1/16/2026 08:45	39.5	35.9	0.0	0.0153	0.0100	0.0000	3.2	NE
1/16/2026 09:00	45.6	40.9	0.0	0.0107	0.0113	0.0007	3.1	NE
1/16/2026 09:15	32.0	32.8	0.8	0.0133	0.0127	0.0000	3.1	NE
1/16/2026 09:30	32.5	25.3	0.0	0.0200	0.0100	0.0000	3.1	NE
1/16/2026 09:45	40.5	14.1	0.0	0.0200	0.0100	0.0000	2.7	NE
1/16/2026 10:00	22.6	14.2	0.0	0.0167	0.0100	0.0000	2.8	NE
1/16/2026 10:15	51.6	19.0	0.0	0.0140	0.0113	0.0000	3.4	NE
1/16/2026 10:30	31.1	24.7	0.0	0.0127	0.0107	0.0000	3.4	NE
1/16/2026 10:45	25.6	19.1	0.0	0.0113	0.0093	0.0000	3.1	NE
1/16/2026 11:00	18.3	19.8	1.5	0.0113	0.0100	0.0000	2.4	NE
1/16/2026 11:15	26.8	31.7	4.9	0.0173	0.0120	0.0000	2.8	NE
1/16/2026 11:30	38.8	29.5	0.0	0.0160	0.0100	0.0000	3.1	NE
1/16/2026 11:45	31.9	29.7	0.0	0.0107	0.0147	0.0040	2.9	NE
1/16/2026 12:00	25.7	31.6	6.0	0.0120	0.0107	0.0000	3.0	NE
1/16/2026 12:15	15.7	29.9	14.2	0.0120	0.0200	0.0080	2.8	NE
1/16/2026 12:30	10.1	14.6	4.5	0.0200	0.0187	0.0000	2.6	NNE
1/16/2026 12:45	15.6	14.9	0.0	0.0200	0.0107	0.0000	2.8	NE
1/16/2026 13:00	48.6	22.3	0.0	0.0173	0.0133	0.0000	2.9	NE
1/16/2026 13:15	22.3	24.7	2.3	0.0167	0.0207	0.0040	2.7	NE
1/16/2026 13:30	13.8	20.9	7.2	0.0147	0.0173	0.0027	3.2	NNE
1/16/2026 13:45	15.1	17.9	2.8	0.0180	0.0200	0.0020	2.6	NE
1/16/2026 14:00	18.4	124.7	106.3	0.0200	0.0220	0.0020	2.7	NE
1/16/2026 14:15	20.8	73.5	52.7	0.0180	0.0167	0.0000	2.5	NE
1/16/2026 14:30	21.1	42.9	21.8	0.0107	0.0160	0.0053	2.3	NE
1/16/2026 14:45	22.5	53.4	30.9	0.0113	0.0200	0.0087	2.7	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	Wind Direction
1/16/2026 15:00	18.1	38.6	20.5	0.0160	0.0180	0.0020	2.7	NE
1/16/2026 15:15	15.3	26.7	11.4	0.0153	0.0260	0.0107	2.6	NE
1/16/2026 15:30	11.8	18.8	7.0	0.0200	0.0327	0.0127	1.9	NE
1/16/2026 15:45	11.3	24.2	12.8	0.0167	0.0167	0.0000	2.3	NE
1/16/2026 16:00	12.5	15.6	3.1	0.0173	0.0187	0.0013	2.1	NE
1/16/2026 16:15	15.4	13.9	0.0	0.0180	0.0100	0.0000	1.8	NE
1/16/2026 16:30	14.1	13.3	0.0	0.0207	0.0107	0.0000	2.1	NE
1/16/2026 16:45	21.4	14.3	0.0	0.0213	0.0140	0.0000	1.6	NNE

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
01/16/2026 07:15	12.7	0.0100	16.7	0.0000	NE	2.9
01/16/2026 07:30	15.5	0.0127	15.0	0.0167	NE	2.6
01/16/2026 07:45	36.6	0.0167	18.8	0.0133	NNE	2.7
01/16/2026 08:00	27.2	0.0260	20.2	0.0173	NNE	2.6
01/16/2026 08:15	18.0	0.0167	13.8	0.0187	NE	2.6
01/16/2026 08:30	17.8	0.0133	15.6	0.0207	NE	2.8
01/16/2026 08:45	35.9	0.0100	39.5	0.0153	NE	3.2
01/16/2026 09:00	40.9	0.0113	45.6	0.0107	NE	3.1
01/16/2026 09:15	32.8	0.0127	32.0	0.0133	NE	3.1
01/16/2026 09:30	25.3	0.0100	32.5	0.0200	NE	3.1
01/16/2026 09:45	14.1	0.0100	40.5	0.0200	NE	2.7
01/16/2026 10:00	14.2	0.0100	22.6	0.0167	NE	2.8
01/16/2026 10:15	19.0	0.0113	51.6	0.0140	NE	3.4
01/16/2026 10:30	24.7	0.0107	31.1	0.0127	NE	3.4
01/16/2026 10:45	19.1	0.0093	25.6	0.0113	NE	3.1
01/16/2026 11:00	19.8	0.0100	18.3	0.0113	NE	2.4
01/16/2026 11:15	31.7	0.0120	26.8	0.0173	NE	2.8
01/16/2026 11:30	29.5	0.0100	38.8	0.0160	NE	3.1
01/16/2026 11:45	29.7	0.0147	31.9	0.0107	NE	2.9
01/16/2026 12:00	31.6	0.0107	25.7	0.0120	NE	3.0
01/16/2026 12:15	29.9	0.0200	15.7	0.0120	NE	2.8
01/16/2026 12:30	14.6	0.0187	10.1	0.0200	NNE	2.6
01/16/2026 12:45	14.9	0.0107	15.6	0.0200	NE	2.8
01/16/2026 13:00	20.3	0.0127	50.6	0.0180	NE	2.9
01/16/2026 13:15	24.7	0.0207	22.3	0.0167	NE	2.7
01/16/2026 13:30	20.9	0.0173	13.8	0.0147	NNE	3.2
01/16/2026 13:45	17.9	0.0200	15.1	0.0180	NE	2.6
01/16/2026 14:00	124.7	0.0220	18.4	0.0200	NE	2.7
01/16/2026 14:15	73.5	0.0167	20.8	0.0180	NE	2.5
01/16/2026 14:30	42.9	0.0160	21.1	0.0107	NE	2.3
01/16/2026 14:45	53.4	0.0200	22.5	0.0113	NE	2.7
01/16/2026 15:00	38.6	0.0180	18.1	0.0160	NE	2.7
01/16/2026 15:15	26.7	0.0260	15.3	0.0153	NE	2.6
01/16/2026 15:30	18.8	0.0327	11.8	0.0200	NE	1.9
01/16/2026 15:45	24.2	0.0167	11.3	0.0167	NE	2.3
01/16/2026 16:00	15.6	0.0187	12.5	0.0173	NE	2.1
01/16/2026 16:15	13.9	0.0100	15.4	0.0180	NE	1.8
01/16/2026 16:30	13.0	0.0100	14.5	0.0213	NE	2.1
01/16/2026 16:45	12.2	0.0100	23.5	0.0253	NNE	1.6