SITE OBSERVATION REPORT - RAWP Implementation – Day 275

LANGAN

PROJECT No.:	170390001	**CLIENT:**	**DATE:**	Thursday, August 13, 2026	
PROJECT:	141 3rd Street	Third Street Owner LLC and 155 Third St., LLC	**WEATHER:**	Cloudy, 74 – 92 ^{0}F Wind: WNW @ 0.3 – 2.3 mph	
LOCATION:	Brooklyn, New York		**TIME:**	7:00 a.m. – 4:00 p.m.	
BCP SITE ID:	C224336				

EQUIPMENT:
(1) Volvo ECR355EL Hydraulic Excavator
(1) Takeuchi TB260 Compact Excavator
(2) Aeroqual Air Monitoring Stations
(1) MiniRAE 3000 Photoionization Detector (PID)
Hand Tools

PRESENT AT SITE:
Langan (Environmental): Jessie Almont
Langan (Waterfront): Charlie Mozes
Monadnock Construction, Inc. (Moncon): John Henry
Bauer Structures: Brendan Dooley
TT Mechanical Corp. (Plumbing, Water & Sewer)

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

- TT Mechanical Corp. excavated an approximately 5-foot-long by 4-foot-wide area to approximately 4 feet below grade surface (bgs) in the eastern part of the site.
    - Excavated material consisted of soil/fill. Langan screened the excavated material for odors, staining, and organic vapors using a photoionization detector (PID). No evidence of impacts was observed. Excavated material was backfilled to the excavation and graded or stockpiled on and covered with polyethylene (poly) sheeting at the end of the workday.
- Bauer Structures excavated to approximately 3 feet bgs around previously installed concrete piles in the southeastern part of the site.
    - Excavated material consisted of soil/fill and construction and demolition (C&D) debris. Langan screened the excavated material for odors, staining, and organic vapors using a photoionization detector (PID). No evidence of impacts was observed. Excavated material was backfilled to the excavation and graded or stockpiled on and covered with 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 VOC and PM10 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 imported to the site.
- No material was exported from the site.

Material Import Summary				
Facility	**NYSDEC Approved Quantity**	**Imported**	**Today**	**Total**
Tilcon - Haverstraw Haverstraw, NY ASTM #3 Virgin Stone (1.5-Inch)	1400 CY (1,960 tons)	**No. Loads**	0	**43**
		Quantity (tons)	0	**935.93**
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**
Tilcon – Mount Hope Mount Hope, NJ ASTM #57 Virgin Stone (0.75-Inch)	1,000 CY (1,400 tons)	**No. Loads**	0	**17**
		Quantity (tons)	0	**389.26**
Tilcon – Mount Hope Mount Hope, NJ ASTM #3 Virgin Stone (1.5-Inch)	800 CY (1,120 tons)	**No. Loads**	0	**15**
		Quantity (tons)	0	**363.02**
Braen Stone of Sparta ASTM #5 Virgin Stone GPA (0.75 Inch)	700 CY (1,000 tons)	**No. Loads**	0	**38**
		Quantity (tons)	0	**900.41**
Evergreen Recycling of Corona (EROC) Flushing, NY Clean Fill	3,000 CY	**No. Loads**	0	**116**
		Quantity (CY)	0	**1,994**

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	**414**
		Quantity (CY)	0	**7,980**
Clean Earth of New Castle (CENC) New Castle, DE Non-Hazardous Contaminated Soil/Urban Fill	3,571 CY (5,000 tons)	**No. Loads**	0	**206**
		Quantity (CY)	0	**4,120**
Clean Earth of North Jersey (CENJ) Kearny, NJ Non-Hazardous PCB soil	571 CY (800 tons)	**No. Loads**	0	**8**
		Quantity (CY)	0	**160**
Clean Earth of North Jersey (CENJ) Kearny, NJ Hazardous Lead	107 CY (150 tons)	**No. Loads**	0	**2**
		Quantity (CY)	0	**40**
Clean Earth of North Jersey (CENJ) Kearny, NJ Non-hazardous Timber	20 CY	**No. Loads**	0	**1**
		Quantity (CY)	0	**20**

Anticipated Activities

- Bauer Structures will continue excavation.
- Bauer Structures will continue backfilling.

SITE PHOTOGRAPHS:



Photo 1: Bauer Structures covering stockpile with poly sheeting (facing northeast)

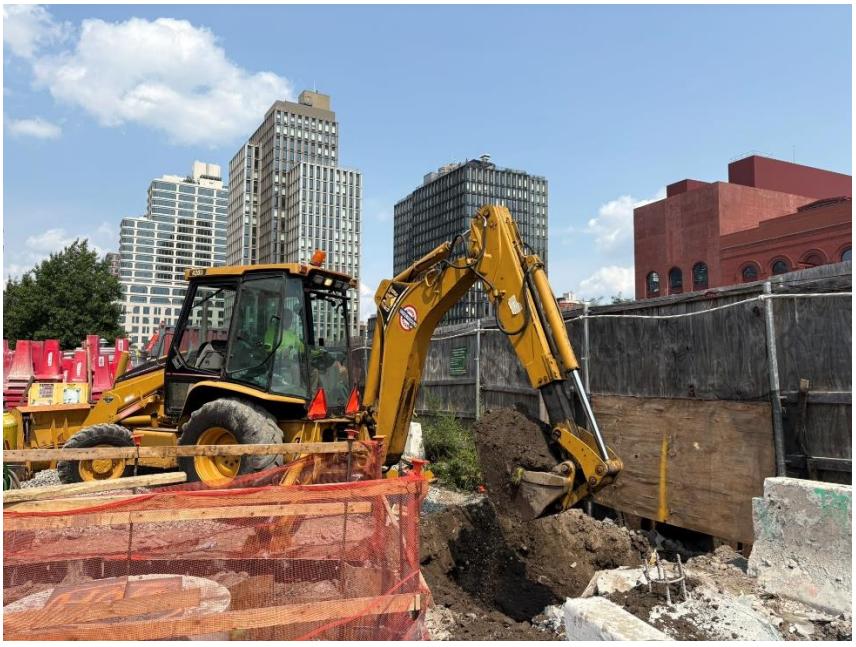
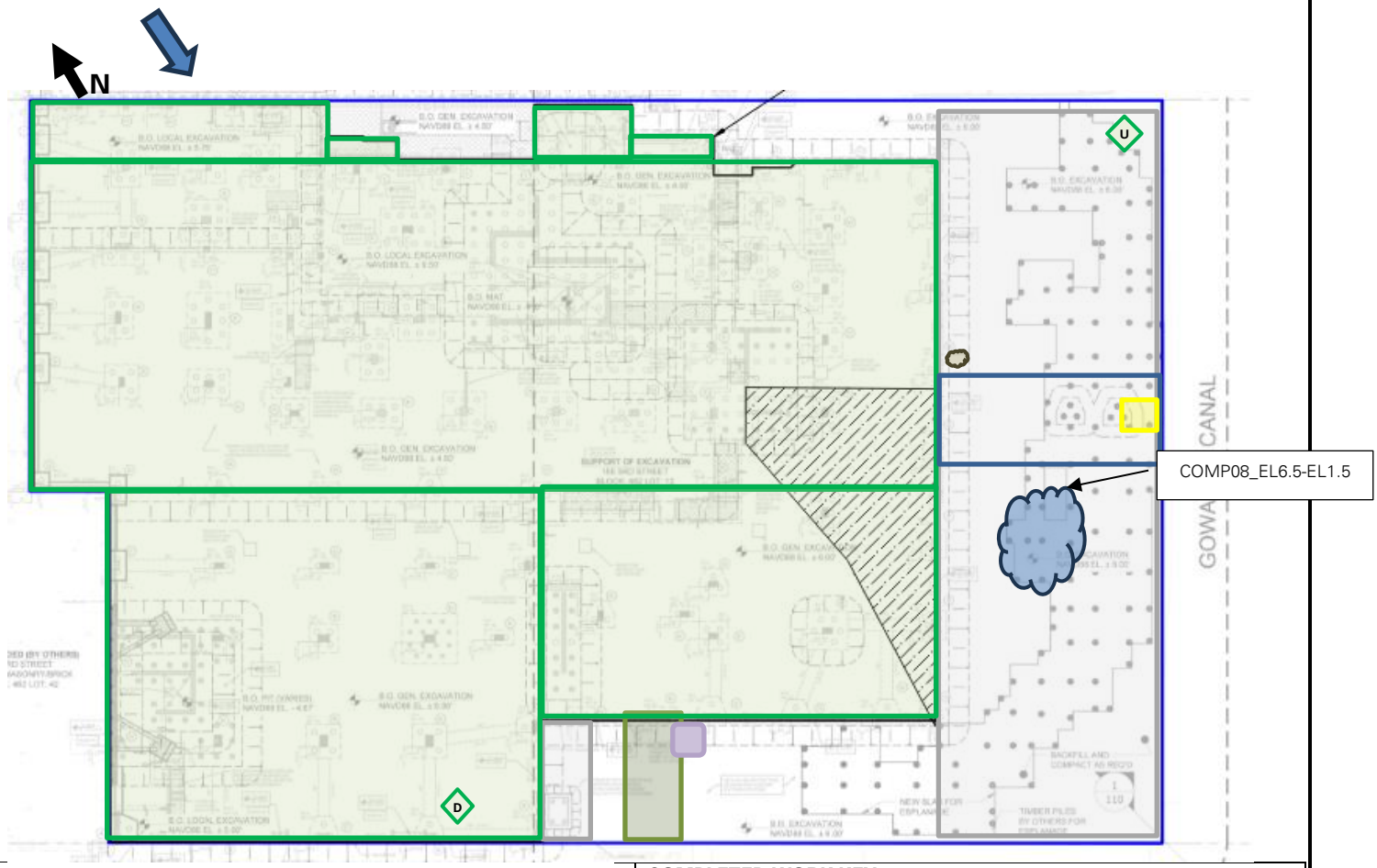


Photo 2: TT Mechanical Corp. excavating in the eastern part of the site (facing northeast)

FIGURE 1 - SITE MAP:



LEGEND:

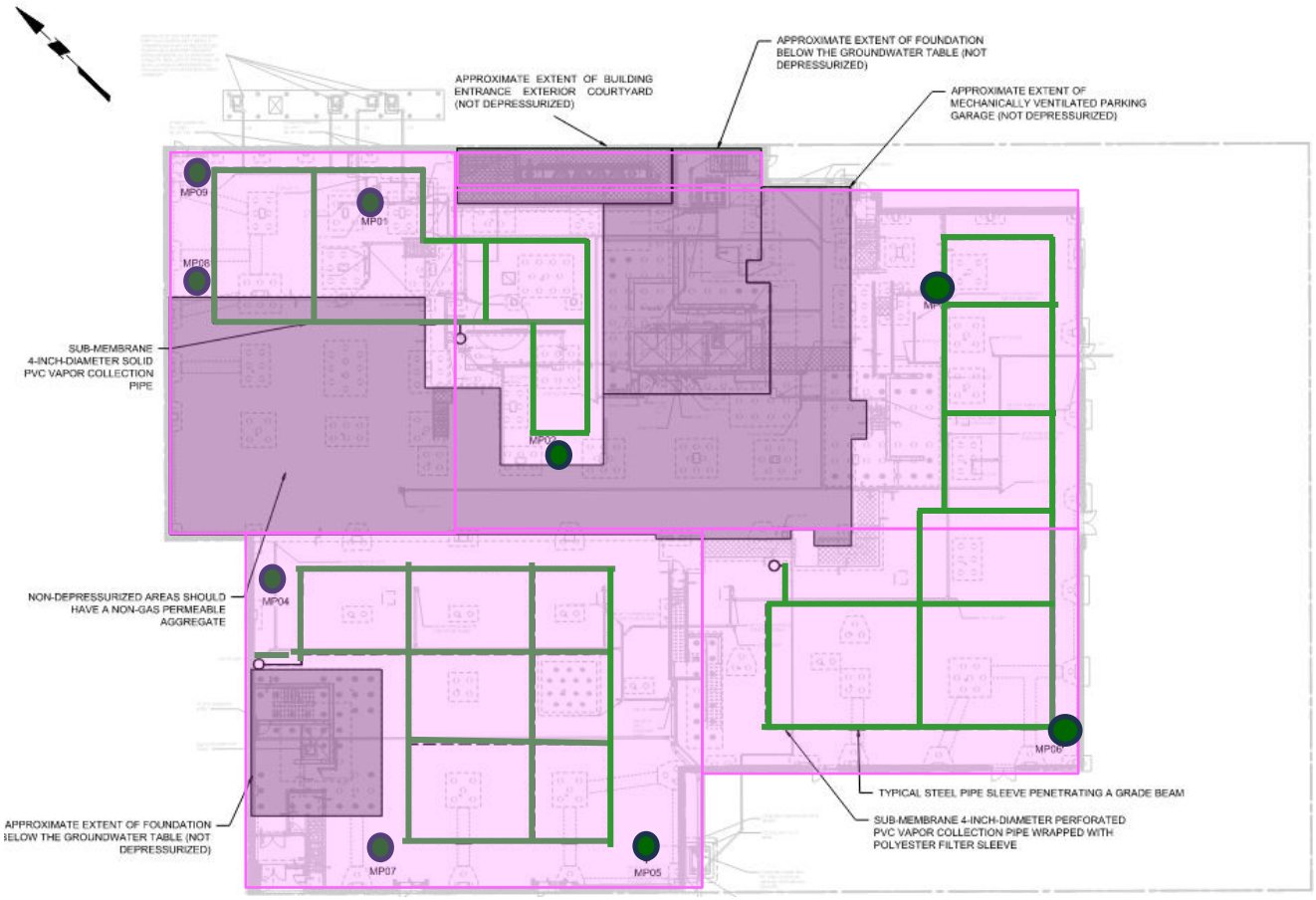
- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

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

COMPLETED WORK KEY

- Approximate work area
- Approximate excavation area
- Approximate previous excavation area
- Approximate backfill area
- Approximate area of concrete slab
- Approximate location of upwind CAMP station
- Approximate location of downwind CAMP station
- 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

FIGURE 2 – SUB-MEMBRANE DEPRESSURIZATION SYSTEM PROGRESS TRACKING MAP:

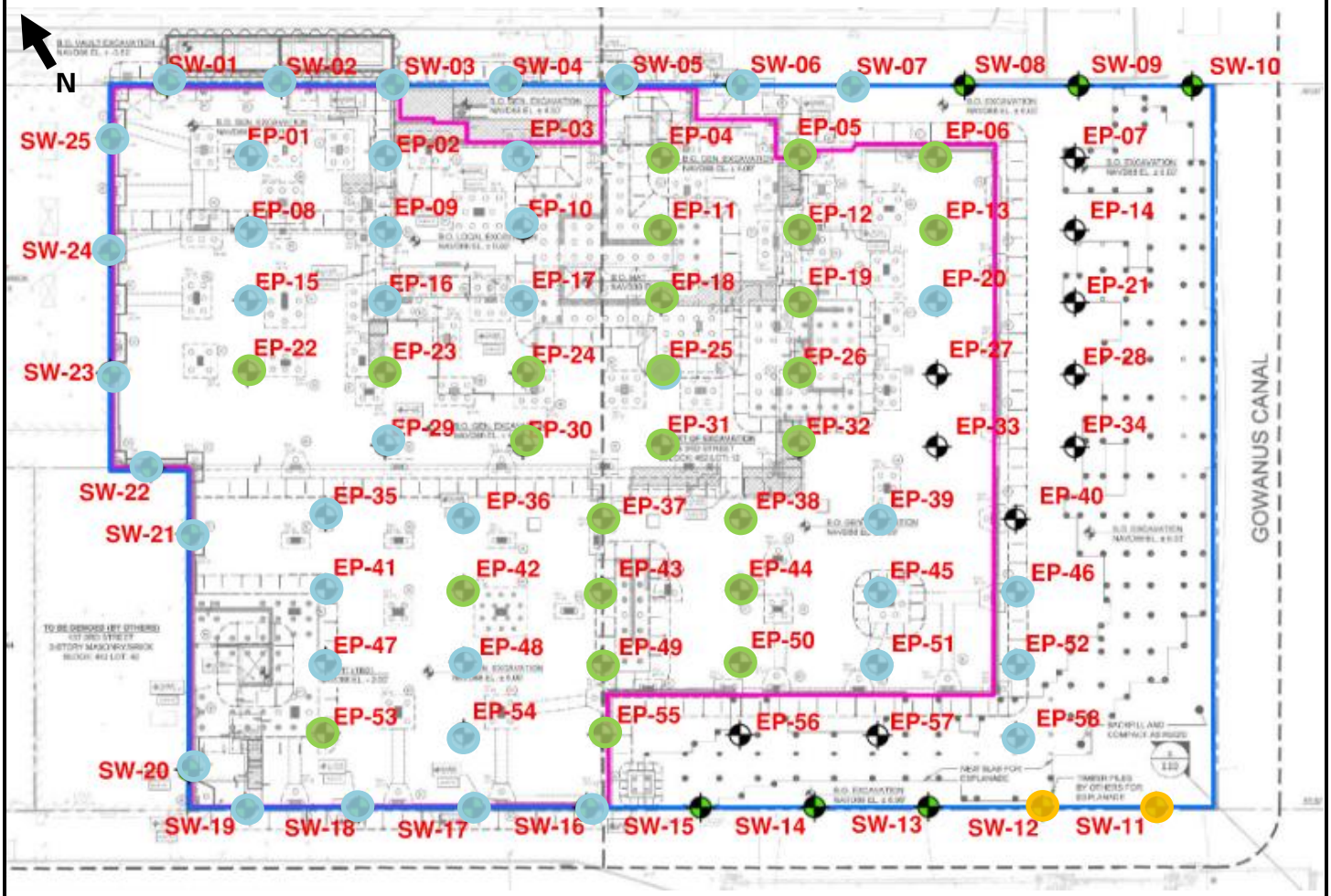


Base map includes Figure H-101.00, Sub-Membrane Depressurization System Plan prepared by Langan Engineering, dated 9/19/2025

COMPLETED WORK KEY

- Piping installed to date
- Monitoring point installed to date
- Stone backfill complete
- Waterproofing installed
- Concrete poured

FIGURE 3 – ENDPOINT SAMPLE TRACKCING MAP:



Legend

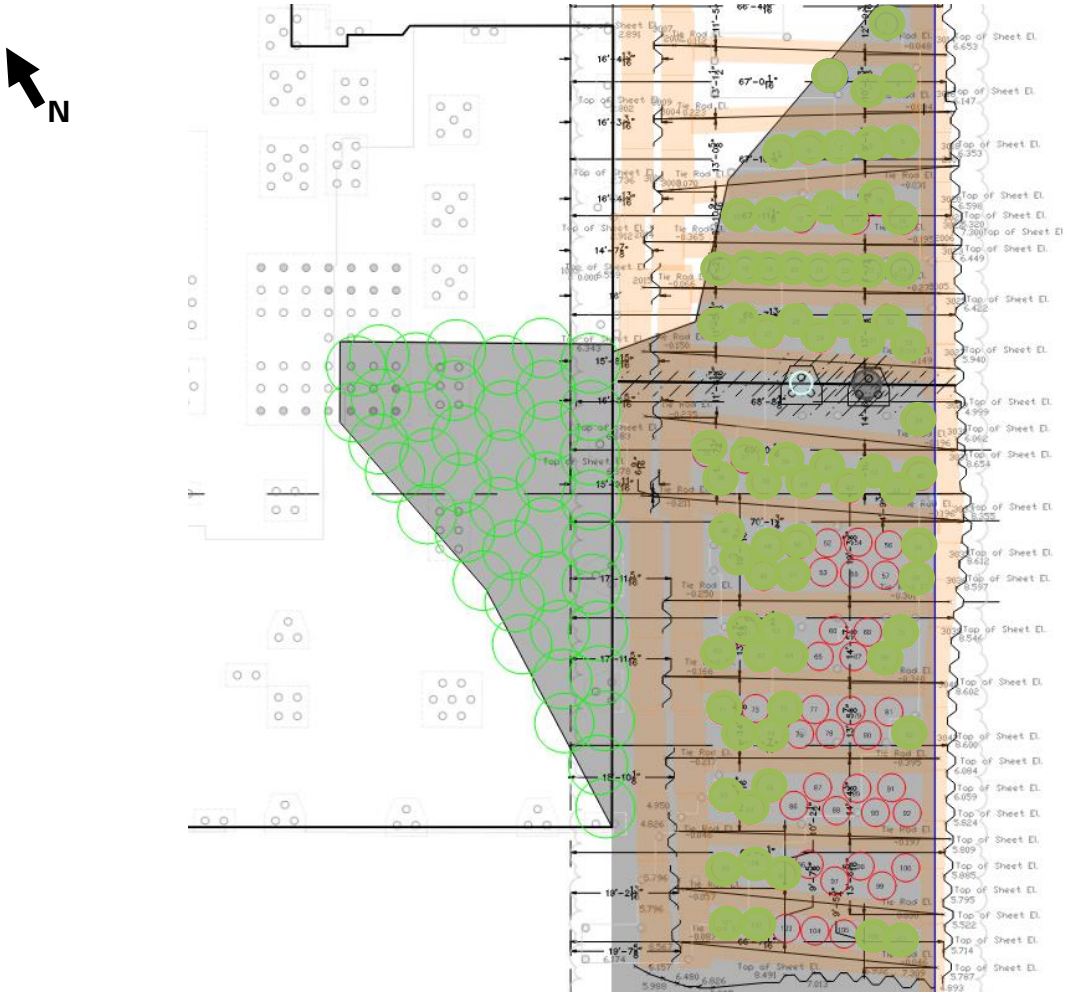
- Proposed Endpoint Sample Location
- Proposed Sidewall Sample Location
- Approximate Site Boundary
- Proposed Building Footprint

COMPLETED WORK KEY

- Approximate location of collected endpoint sample, results pending
- Approximate location of collected endpoint sample, results received
- Approximate location of re-collected endpoint sample

Base map includes Figure 12 – Documentation Endpoint Sample Location Plan from the NYSDEC-approved RAWP, prepared by Langan Engineering, dated 12/12/2023

FIGURE 4 – SOURCE REMOVAL PLAN:



LEGEND:

- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE EXTENT OF MANUFACTURED GAS PLANT WASTE IMPACTS FROM EL -19 TO -23
- APPROXIMATE LOCATION OF ISS COLUMNS
- APPROXIMATE EXTENT OF THE BUFFER ZONE
- APPROXIMATE 60-INCH DIAMETER CASING
- APPROXIMATE 48-INCH DIAMETER CASING
- APPROXIMATE LOCATION OF HYDRODYNAMIC SEPARATOR TANK AND ASSOCIATED PILES/PILE CAP
- APPROXIMATE LOCATION OF MANHOLE AND ASSOCIATED PILES/PILE CAP
- APPROXIMATE LOCATION OF OUTFALL PIPE AND PILE CAP WITH BUFFER ZONE

COMPLETED WORK KEY

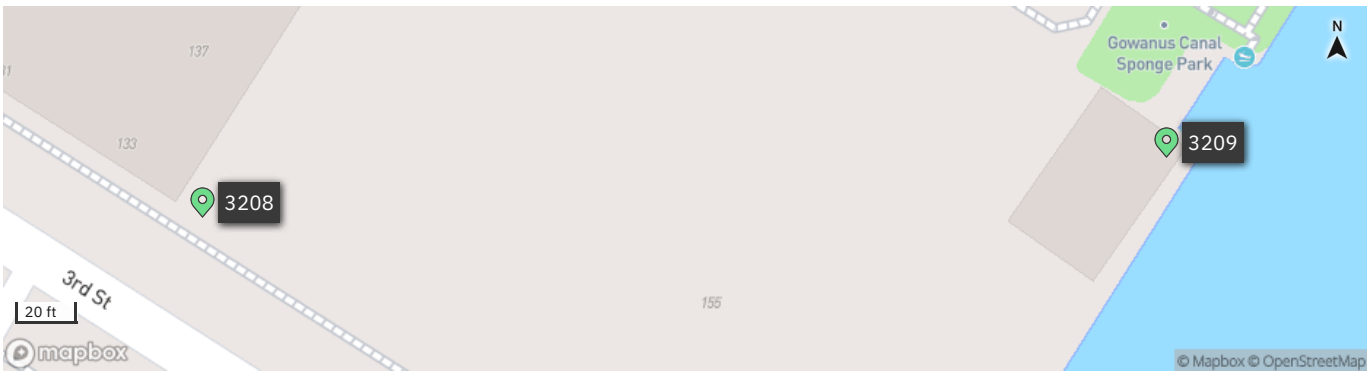
- Approximate location of completed source removal column
- Approximate location of source removal column in progress

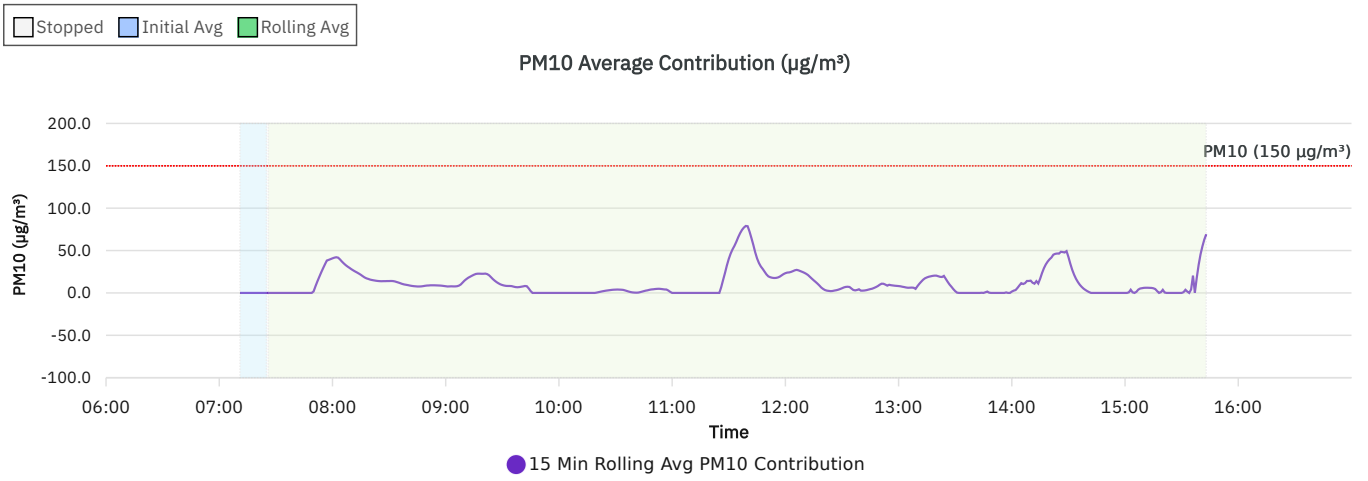
Base map includes Figure 2 – Source Removal Plan from the NYSDEC-approved Source Removal Work Plan, prepared by Langan Engineering, dated 10/02/2025

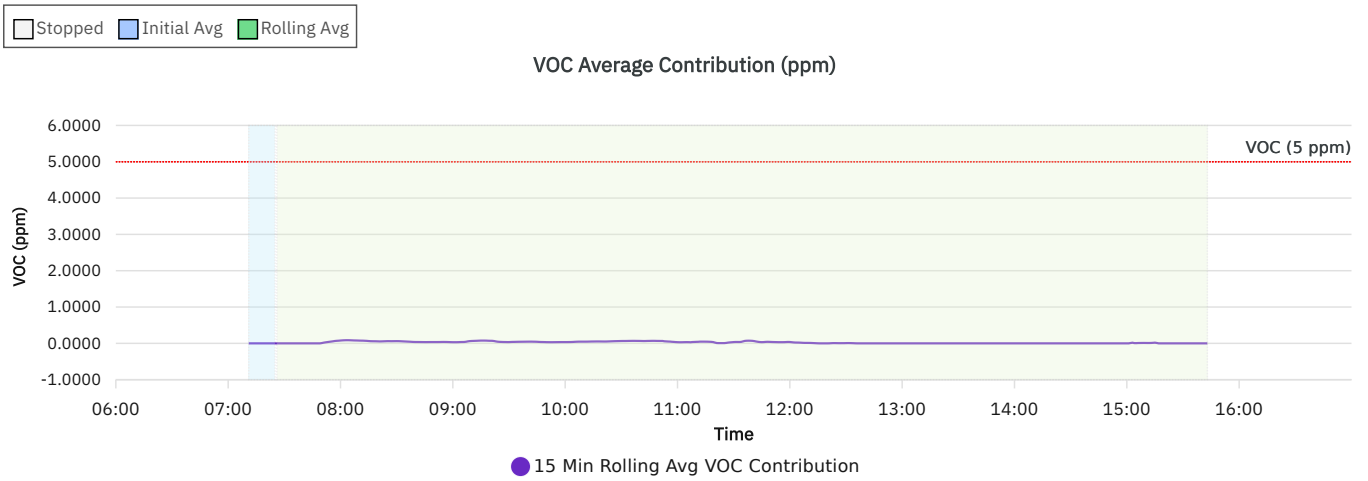
LANGAN	Site Contribution Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	08/13/2026 06:00
		To:	08/13/2026 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
08/13/2026	74.3 - 92.3	45.1 - 77.9	29.9 - 30.3	0.3 - 2.3	WNW

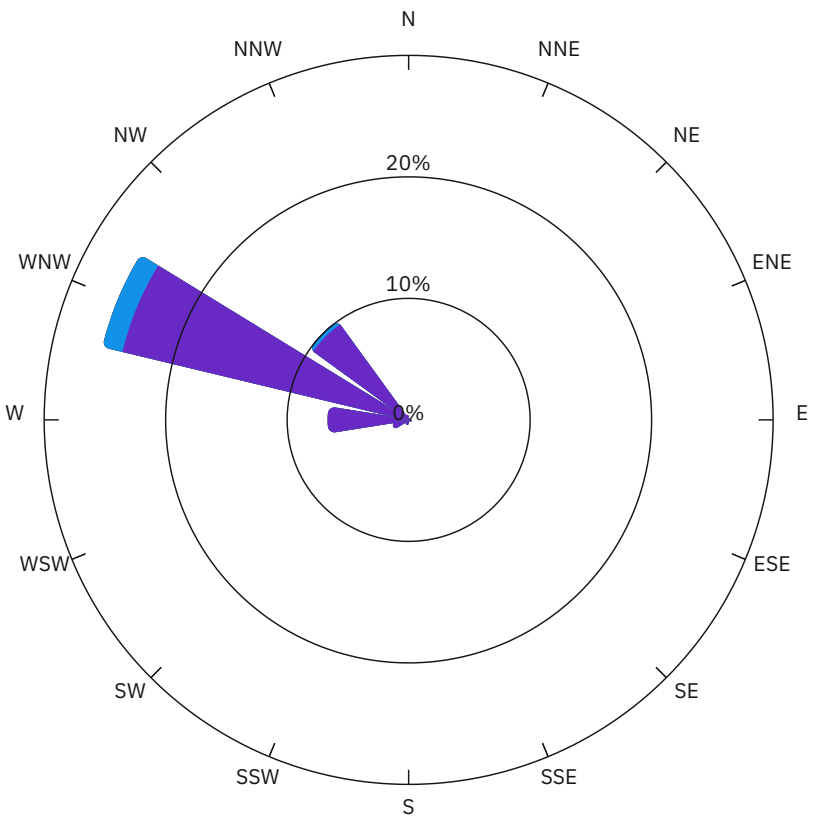
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/13/2026	0.0	07:15	0.0000	07:15
Max Contribution (15 min avg.) - 8/13/2026	42.4	14:30	0.0780	08:00
Daily Avg. Contribution (15 min avg.) - 8/13/2026	10.4	-	0.0252	-





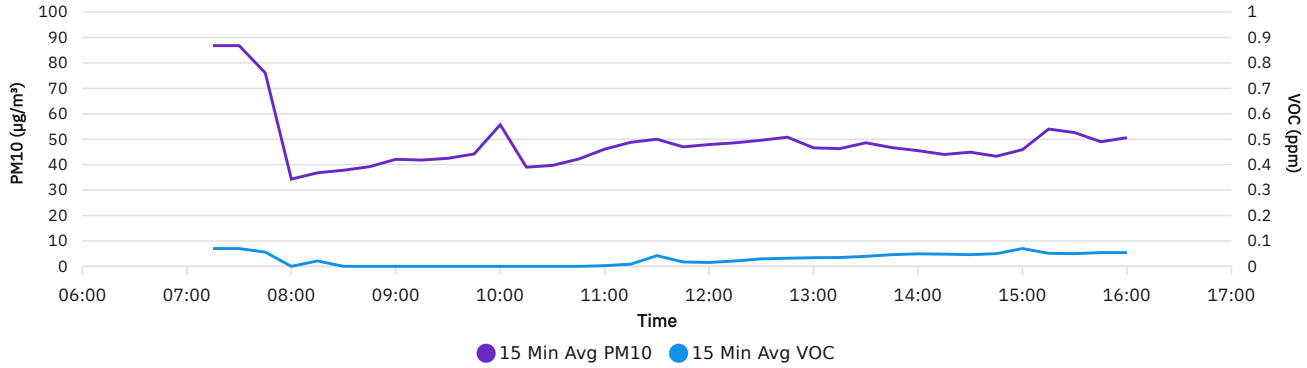


Wind rose (mph)

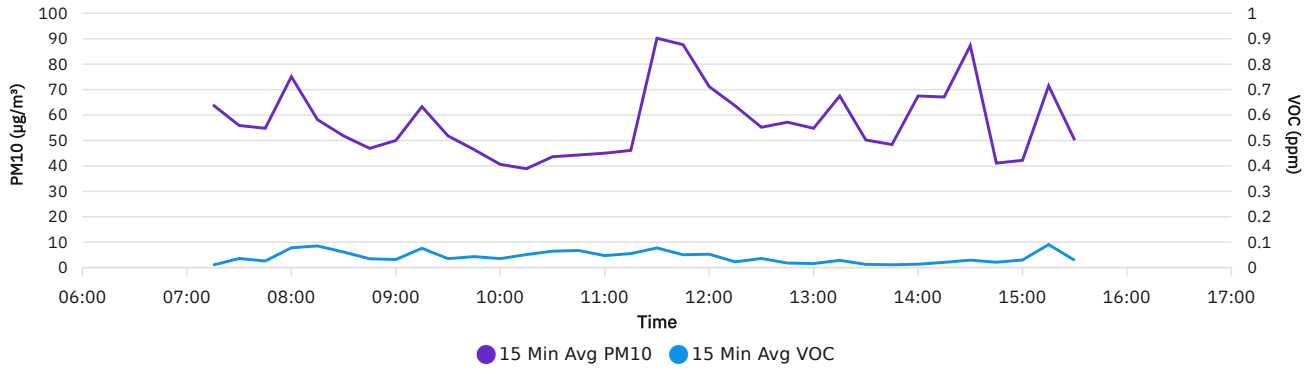


WS (mph)	Time
< 2	42.6%
2-4	2.1%
4-6	0.0%
6-8	0.0%
>= 8	0.0%
calm	55.3%

3208



3209



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
8/13/2026 07:15	86.8	63.8	0.0	0.0700	0.0100	0.0000	1.4	NW
8/13/2026 07:30	86.8	55.9	0.0	0.0700	0.0360	0.0000	1.5	NW
8/13/2026 07:45	76.1	54.8	0.0	0.0560	0.0260	0.0000	1.7	WNW
8/13/2026 08:00	34.3	75.1	40.8	0.0000	0.0780	0.0780	1.8	WNW
8/13/2026 08:15	36.8	58.2	21.4	0.0213	0.0853	0.0640	1.2	WNW
8/13/2026 08:30	37.8	51.8	14.0	0.0000	0.0613	0.0613	1.3	WNW
8/13/2026 08:45	39.2	46.9	7.6	0.0000	0.0347	0.0347	1.2	NW
8/13/2026 09:00	42.1	50.0	7.9	0.0000	0.0320	0.0320	1.0	WNW
8/13/2026 09:15	41.8	63.3	21.5	0.0000	0.0760	0.0760	1.0	WNW
8/13/2026 09:30	42.5	51.8	9.3	0.0000	0.0353	0.0353	0.8	WNW
8/13/2026 09:45	44.2	46.4	2.2	0.0000	0.0433	0.0433	0.9	W
8/13/2026 10:00	55.7	40.6	0.0	0.0000	0.0353	0.0353	0.9	WNW
8/13/2026 10:15	39.0	38.9	0.0	0.0000	0.0513	0.0513	0.9	WNW
8/13/2026 10:30	39.7	43.6	3.9	0.0000	0.0647	0.0647	0.8	WNW
8/13/2026 10:45	42.2	44.3	2.1	0.0000	0.0673	0.0673	0.5	WNW
8/13/2026 11:00	45.8	45.3	0.0	0.0087	0.0413	0.0327	0.5	WNW
8/13/2026 11:15	48.8	46.1	0.0	0.0087	0.0553	0.0467	0.8	WNW
8/13/2026 11:30	50.0	90.2	40.1	0.0420	0.0773	0.0353	0.8	WNW
8/13/2026 11:45	47.0	87.7	40.7	0.0173	0.0507	0.0333	1.0	WNW
8/13/2026 12:00	47.9	71.2	23.3	0.0153	0.0527	0.0373	1.0	WNW
8/13/2026 12:15	48.6	63.6	14.9	0.0213	0.0227	0.0013	1.0	WNW
8/13/2026 12:30	49.6	55.2	5.5	0.0293	0.0360	0.0067	0.8	WNW
8/13/2026 12:45	51.8	56.3	4.5	0.0307	0.0193	0.0000	0.9	WNW
8/13/2026 13:00	46.6	54.8	8.1	0.0320	0.0180	0.0000	0.9	WNW
8/13/2026 13:15	47.7	66.1	18.3	0.0327	0.0307	0.0000	0.7	NW
8/13/2026 13:30	48.3	50.5	2.1	0.0387	0.0133	0.0000	0.7	WNW
8/13/2026 13:45	47.5	47.5	0.0	0.0407	0.0167	0.0000	0.6	WNW
8/13/2026 14:00	55.6	57.3	1.6	0.0380	0.0247	0.0000	0.2	SSW
8/13/2026 14:15	47.2	63.9	16.7	0.0413	0.0273	0.0000	0.4	W
8/13/2026 14:30	44.9	87.3	42.4	0.0460	0.0293	0.0000	0.9	WNW
8/13/2026 14:45	43.3	41.1	0.0	0.0500	0.0213	0.0000	0.6	WNW

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
8/13/2026 15:00	45.5	42.6	0.0	0.0613	0.0387	0.0000	0.6	NW
8/13/2026 15:15	59.9	65.5	5.5	0.0613	0.0807	0.0193	0.7	W
8/13/2026 15:30	51.8	50.9	0.0	0.0467	0.0320	0.0000	0.5	WNW
8/13/2026 15:45							0.5	WNW
8/13/2026 16:00							0.6	WNW

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
08/13/2026 07:15	86.8	0.0700	64.0	0.0100	NW	1.4
08/13/2026 07:30	86.8	0.0700	55.9	0.0360	NW	1.5
08/13/2026 07:45	76.1	0.0560	54.8	0.0260	WNW	1.7
08/13/2026 08:00	34.3	0.0000	75.1	0.0780	WNW	1.8
08/13/2026 08:15	36.8	0.0213	58.2	0.0853	WNW	1.2
08/13/2026 08:30	37.8	0.0000	51.8	0.0613	WNW	1.3
08/13/2026 08:45	39.2	0.0000	46.9	0.0347	NW	1.2
08/13/2026 09:00	42.1	0.0000	50.0	0.0320	WNW	1.0
08/13/2026 09:15	41.8	0.0000	63.3	0.0760	WNW	1.0
08/13/2026 09:30	42.5	0.0000	51.8	0.0353	WNW	0.8
08/13/2026 09:45	44.2	0.0000	46.4	0.0433	W	0.9
08/13/2026 10:00	55.7	0.0000	40.6	0.0353	WNW	0.9
08/13/2026 10:15	39.0	0.0000	38.9	0.0513	WNW	0.9
08/13/2026 10:30	39.7	0.0000	43.6	0.0647	WNW	0.8
08/13/2026 10:45	42.2	0.0000	44.3	0.0673	WNW	0.5
08/13/2026 11:00	46.1	0.0027	45.0	0.0473	WNW	0.5
08/13/2026 11:15	48.8	0.0087	46.1	0.0553	WNW	0.8
08/13/2026 11:30	50.0	0.0420	90.2	0.0773	WNW	0.8
08/13/2026 11:45	47.0	0.0173	87.7	0.0507	WNW	1.0
08/13/2026 12:00	47.9	0.0153	71.2	0.0527	WNW	1.0
08/13/2026 12:15	48.6	0.0213	63.6	0.0227	WNW	1.0
08/13/2026 12:30	49.6	0.0293	55.2	0.0360	WNW	0.8
08/13/2026 12:45	50.8	0.0320	57.2	0.0180	WNW	0.9
08/13/2026 13:00	46.6	0.0340	54.8	0.0160	WNW	0.9
08/13/2026 13:15	46.3	0.0347	67.5	0.0287	NW	0.7
08/13/2026 13:30	48.6	0.0393	50.2	0.0127	WNW	0.7
08/13/2026 13:45	46.7	0.0460	48.4	0.0113	WNW	0.6
08/13/2026 14:00	45.5	0.0493	67.5	0.0133	SSW	0.2
08/13/2026 14:15	44.0	0.0480	67.1	0.0207	W	0.4
08/13/2026 14:30	44.9	0.0460	87.3	0.0293	WNW	0.9
08/13/2026 14:45	43.3	0.0500	41.1	0.0213	WNW	0.6
08/13/2026 15:00	45.9	0.0700	42.2	0.0300	NW	0.6
08/13/2026 15:15	54.0	0.0513	71.5	0.0907	W	0.7
08/13/2026 15:30	52.6	0.0500	50.1	0.0287	WNW	0.5
08/13/2026 15:45	49.0	0.0540			WNW	0.5
08/13/2026 16:00	50.6	0.0540			WNW	0.6