SITE OBSERVATION REPORT - RAWP Implementation – Day 142

LANGAN

PROJECT No.:	170390001	**CLIENT:**		**DATE:**	Tuesday, February 3, 2026
PROJECT:	141 3rd Street	Third Street Owner LLC and 155 Third St., LLC		**WEATHER:**	Cloudy, 20 – 41^{0}F Wind: ESE @ 0.5 – 6.9 mph
LOCATION:	Brooklyn, New York			**TIME:**	7:30 a.m. – 5:45 pm
BCP SITE ID:	C224336				

EQUIPMENT:
(1) Hyundai HX 520L Hydraulic Excavator
(1) Volvo ECR355EL Hydraulic Excavator
(1) CAT 325F Hydraulic Excavator
(1) Soilmec SR-75 Drill Rig
(1) Leibherr LRB 355.1 Drill Rig
(1) FES Drill Rig
(2) Aeroqual Air Monitoring Stations
(1) MiniRAE 3000 Photoionization Detector (PID)
Hand Tools

PRESENT AT SITE:
Langan: Jessie Almont, Marina Rodriguez
New Leaf: Jose Gomez
Monadnock Construction, Inc. (Monadnock): Bob Hempfling, Gavin Gawley
Mueser Rutledge Consulting Engineers (MRCE): Amani Calderon
Bauer Structures: Brendan Dooley
WSP: Charlie Lambert

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 and the Source Removal Work Plan dated 02 October 2025.

Site Activities

- New Leaf used a Liebherr LRB 355.1 drill rig to advance 48-inch-diameter steel casings and a 42-inch-diameter auger to extract soil/fill at the following Column Nos.:
    - *SR-017:* Imported 1.5-inch virgin stone (ASTM #3) was backfilled from el -2.16 to surface grade (about el 7.2) before removing the 48-inch-diameter steel casings.
    - *SR-019:* Imported 1.5-inch virgin stone (ASTM #3) was backfilled from el -2.16 to surface grade (about el 7) before removing the 48-inch-diameter steel casings.
    - *SR-018:* The casings were incrementally advanced from surface grade to 30 feet bgs (corresponding to el 7.16 and el -23, respectively). Soil/fill was periodically extracted from about el 7.16 to about el -23. Following soil/fill extraction, the auger was retracted, and the casings were left in-place. Flowable fill was placed from el -23 to el -2.16 (the mean low water level). Imported ASTM #3 was backfilled from el -2.16 to surface grade (about el 7.16) before removing the 48-inch-diameter steel casings.
- New Leaf used a Liebherr LRB 355.1 drill rig to advance 60-inch-diameter steel casings and a 54-inch-diameter auger to extract soil/fill at the following Column Nos.:
    - *SR-004:* The casings were incrementally advanced from surface grade to 29 feet bgs (corresponding to el 5.5 and el -23, respectively). Soil/fill was periodically extracted from about el 5.5 to about el -23. Following soil/fill extraction, the auger was retracted, and the casings were left in-place. The column is currently in progress and will be backfilled and completed on the next work day.
    - *SR-033:* The casings were incrementally advanced from surface grade to 6 feet bgs (corresponding to el 5.83 and el 1.83, respectively). Soil/fill was periodically extracted from about el 5.83 to about el 1.83. The column is currently in progress and will be further advanced and completed on the next work day.
    - Extracted soil/fill was temporarily staged on polyethylene (poly) sheeting adjacent to each work area. Langan screened the extracted soil/fill for evidence of environmental impacts using visual, olfactory,

and instrumental (PID) methods. A faint petroleum-like odor was observed and a maximum PID reading of 11.5 parts per million (ppm) was recorded. New Leaf applied ATMOS AC645 odor/vapor suppressing foam to exposed soil/fill during extraction and stockpiling.

  - New Leaf relocated the extracted soil/fill to the designated spoils staging area in the eastern part of the site. The soil/fill was stockpiled on and covered with secured poly sheeting, pending future off-site disposal to a designated facility.

- New Leaf advanced and installed three displacement piles (pile ID 444 and 408 to about 65 feet bgs, pile ID 402 to about 67 feet bgs) in the eastern part 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 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 advanced a continuous flight auger to about 30 feet bgs in the eastern part of site in order to pre-drill three displacement piles (pile ID 402, 408, and 387) within the In-Situ Stabilization (ISS) monolith.
  - Spoils generated during drilling were placed on and covered with poly sheeting at the end of the workday. Langan screened the drilling spoils for odors, staining, and organic vapors using a PID. No evidence of impacts was observed.
  - New Leaf will use the Soilmec SR-75 drill rig and tremie pipe to advance and install the pile 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 site.
- New Leaf imported one truckload (25.15 tons) of ASTM #3 Virgin Stone (1.5-Inch) from Tilcon – Haverstraw located in Haverstraw, NY.

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**	1	**11**
		Quantity (tons)	25.15	**249.09**
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	**25**
		Quantity (CY)	0	**500**
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**
Clean Earth of North Jersey (CENJ) Kearny, NJ Non-hazardous timber	20 CY	**No. Loads**	0	**1**
		Quantity (CY)	0	**20**

Drums

- One 55-gallon drum containing truck wash water is staged in the central part of the site.

Anticipated Activities

- New Leaf will continue drilling displacement piles.
- New Leaf will continue source removal.
- Bauer Structures will continue excavation.
- Bauer Structures will export excavated soil/fill for off-site disposal.

SITE PHOTOGRAPHS:

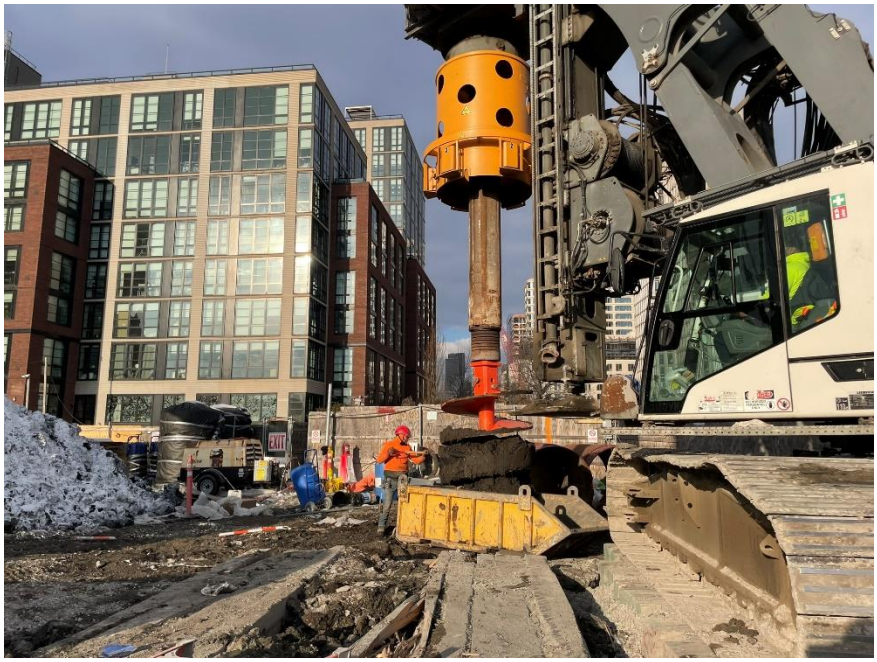


Photo 1: New Leaf augering soil from Column No. SR-004 in the eastern part of the site (facing northeast).



Photo 2: New Leaf spraying Atmos® AC-645 odor/vapor suppressing foam on excavated soil/fill in the eastern part of the site (facing east).

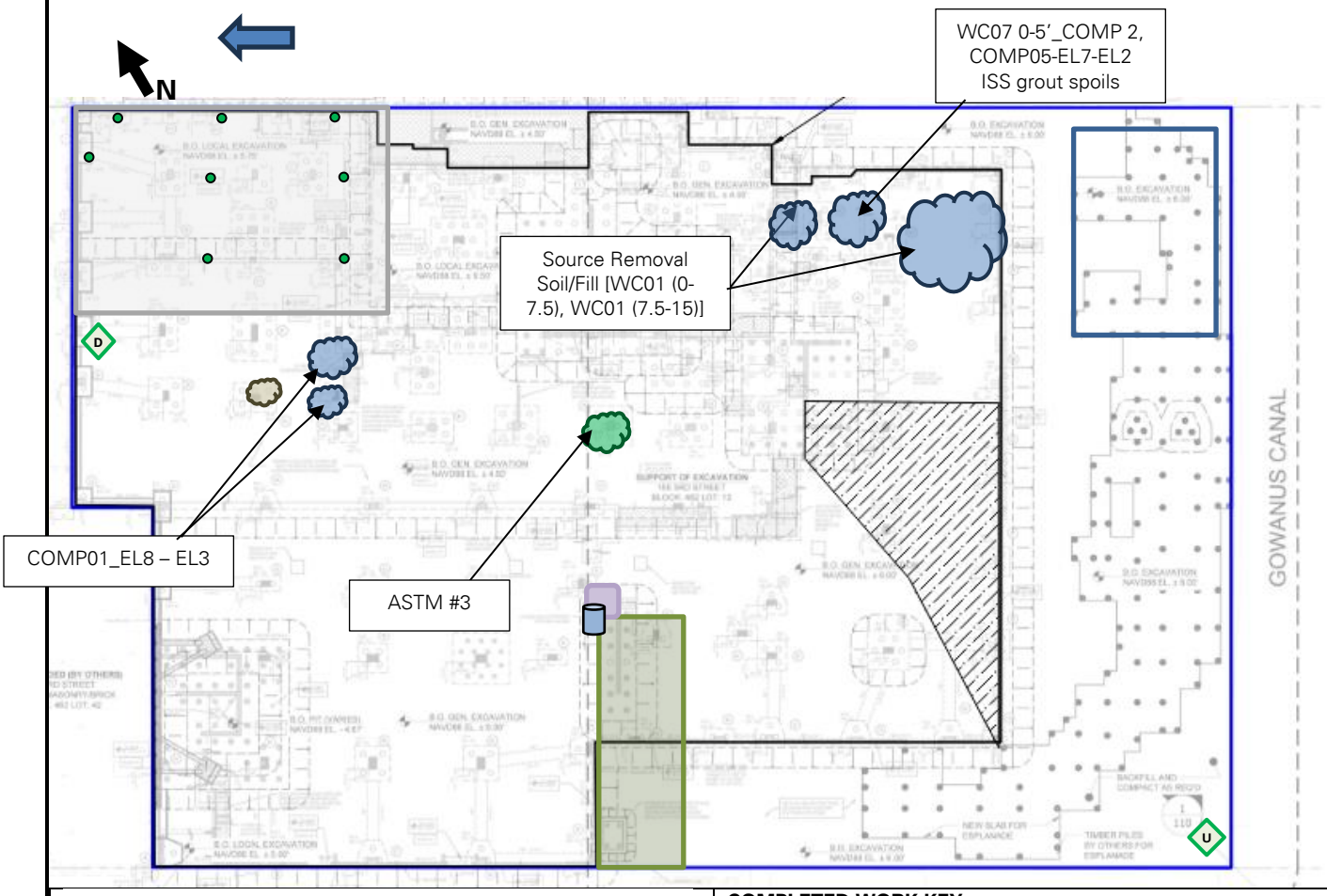


Photo 3: New Leaf backfilling SR-018 with flowable fill (facing southwest).



Photo 4: New Leaf pre-drilling displacement piles within the ISS monolith in the eastern part of site (facing southwest).

FIGURE 1 - SITE MAP:



LEGEND:

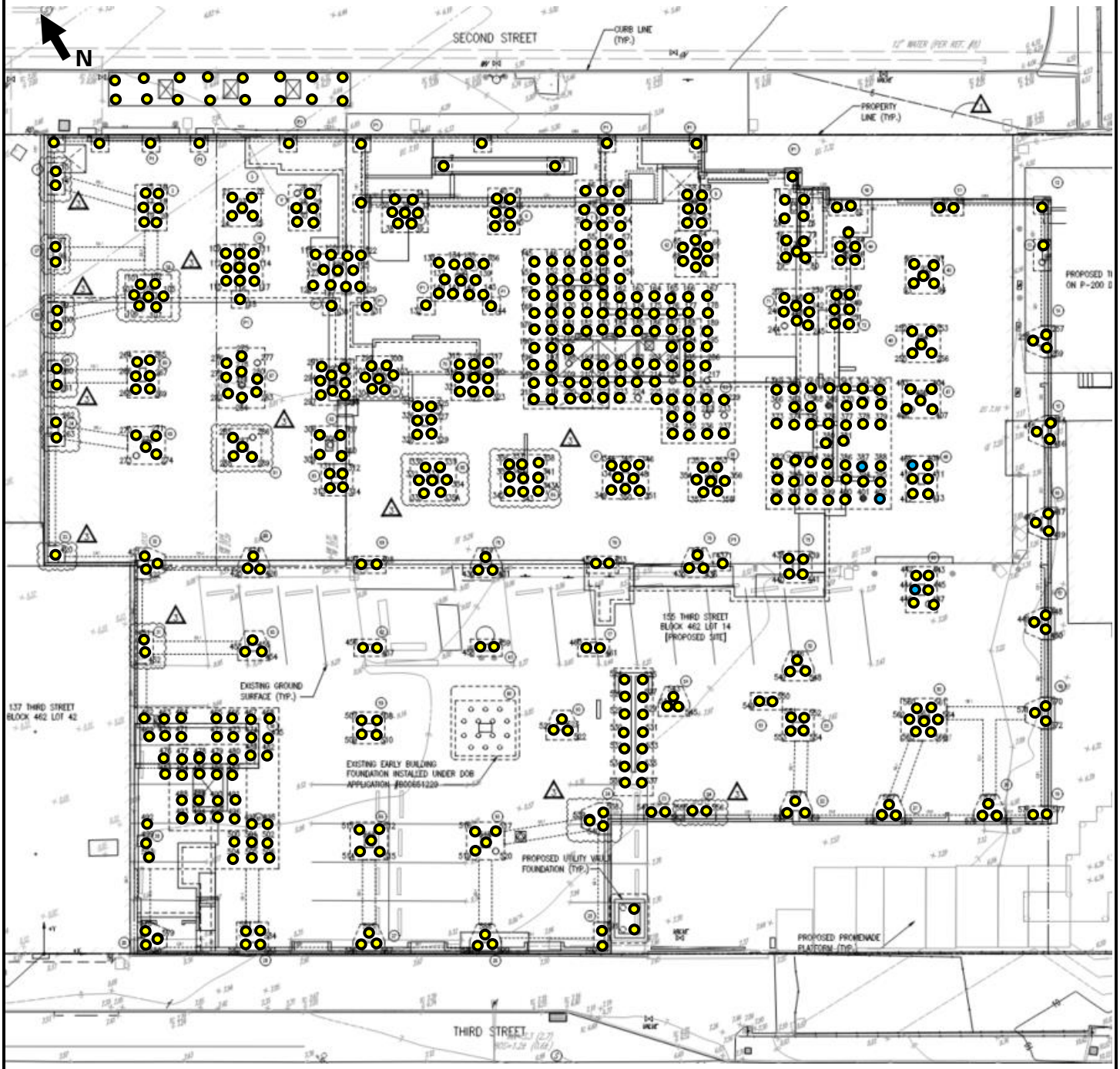
- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

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 location of documentation sample collected today
- Approximate location of previously collected documentation sample
- 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 – DISPLACEMENT PILE PLAN:

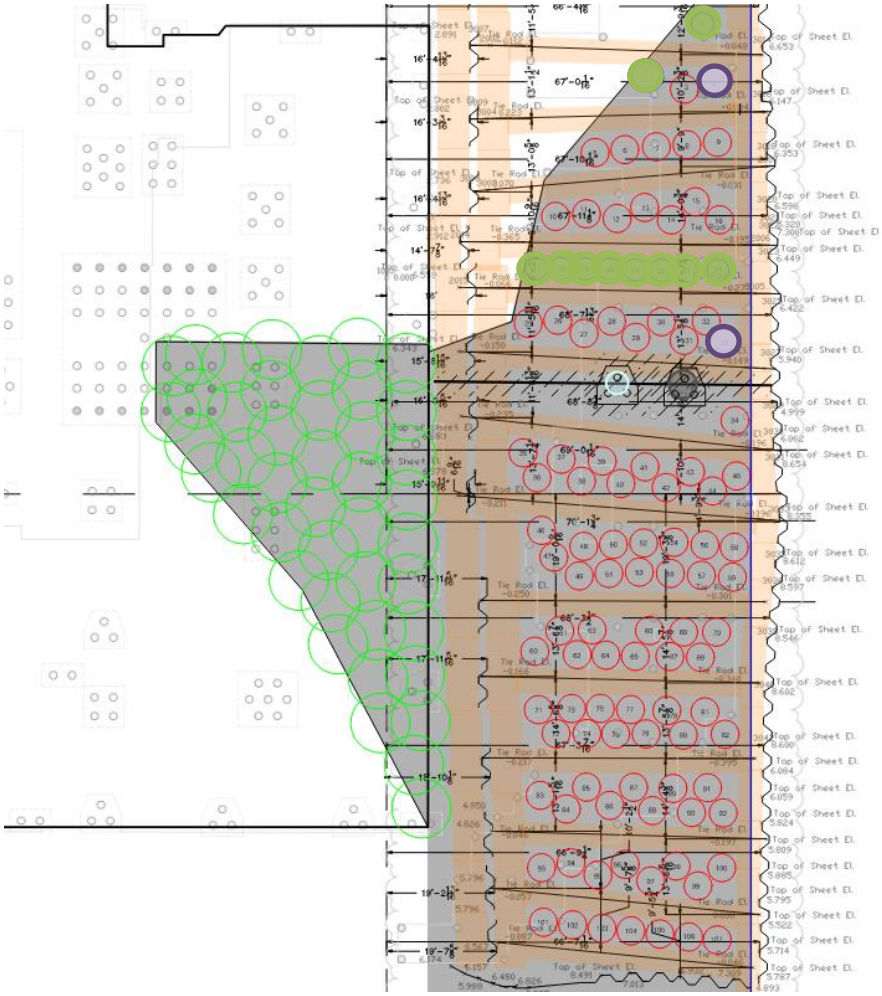


COMPLETED WORK KEY

- 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

FIGURE 3 – 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

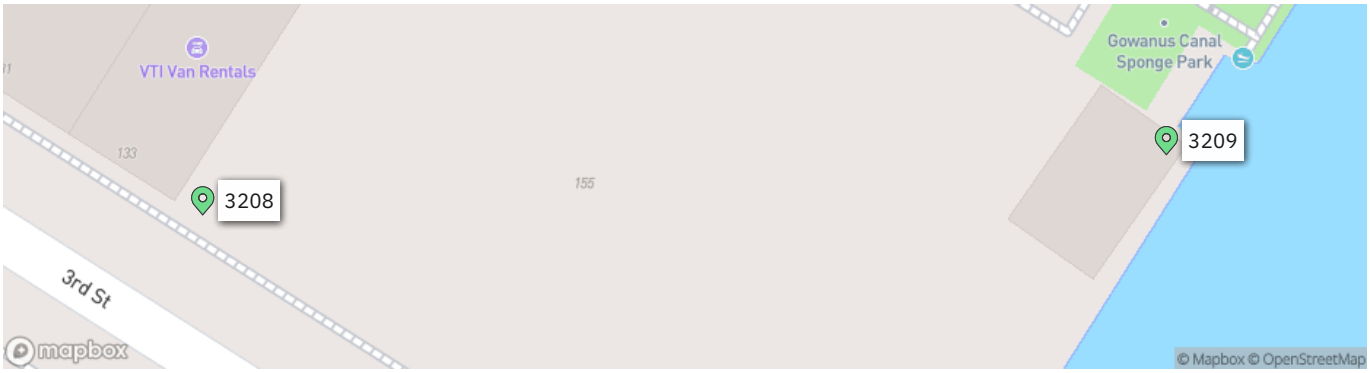
- Approximate location of completed source removal column
- Approximate location of source removal column in progress

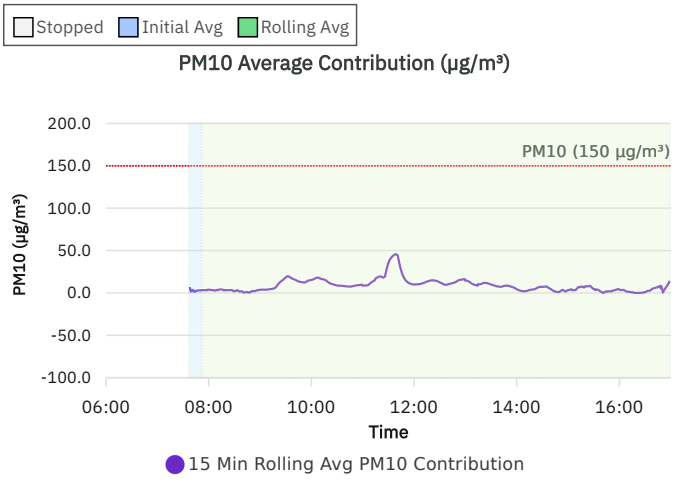
Base map includes Figure 2 – Source Removal Plan from the NYSDEC-approved Source Removal Work Plan, prepared by Langan Engineering, dated 10/02/2025

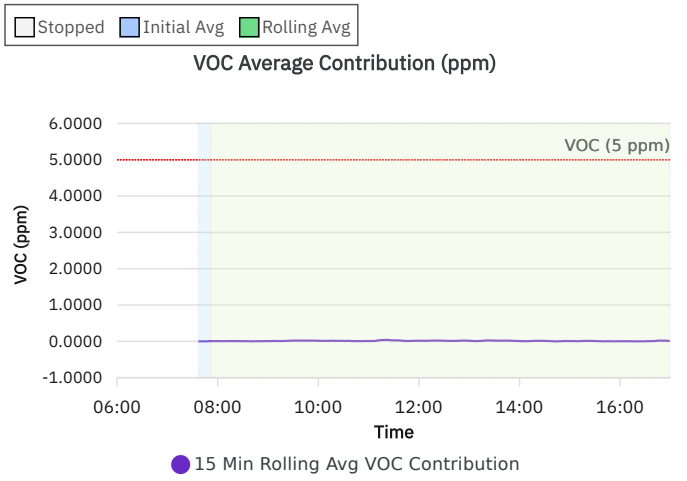
LANGAN	Site Contribution Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	02/03/2026 06:00
		To:	02/03/2026 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
02/03/2026	20.8 - 40.5	40.6 - 59.8	30.2 - 30.4	0.5 - 6.9	WNW

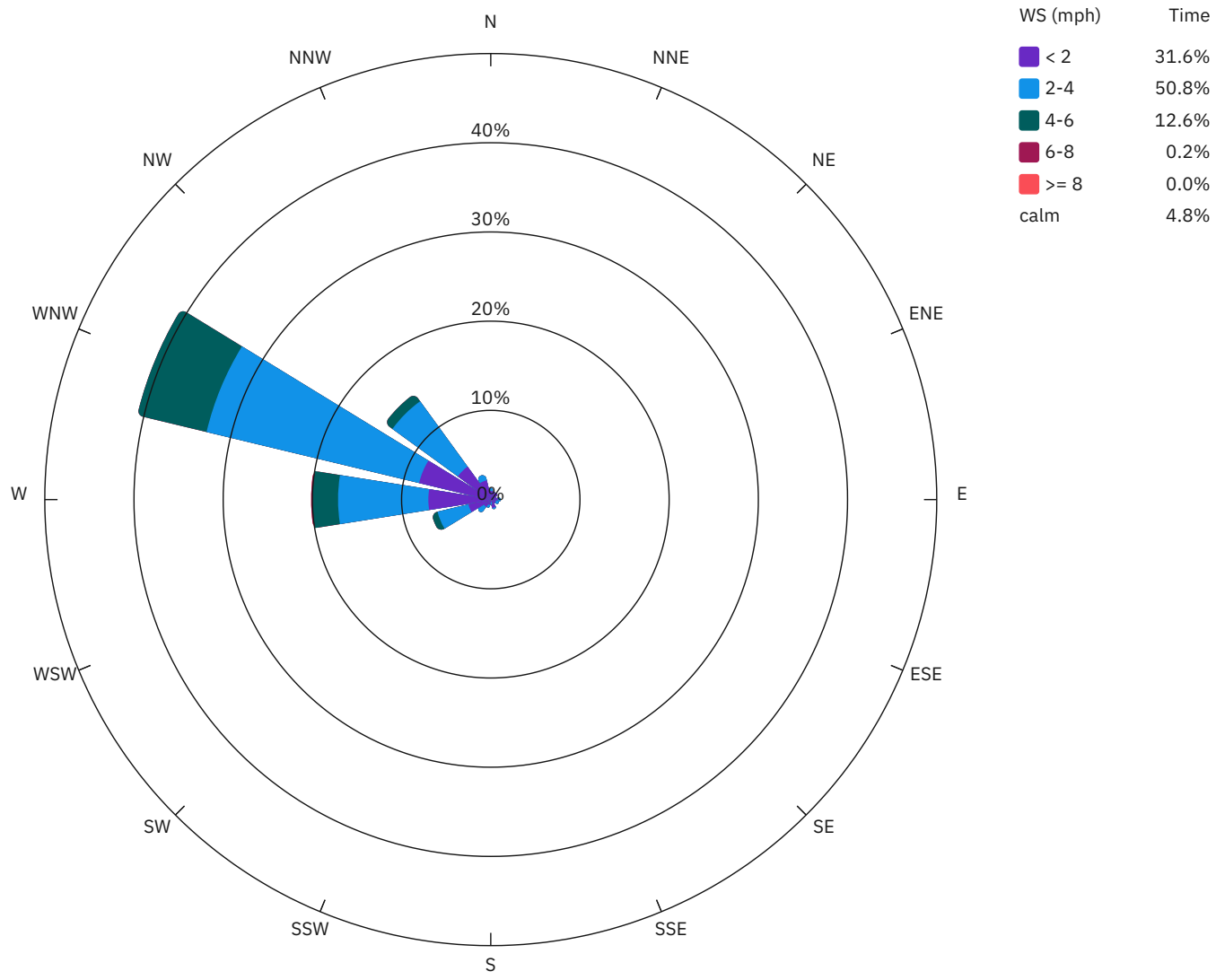
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 2/3/2026	0.7	16:15	0.0000	07:45
Max Contribution (15 min avg.) - 2/3/2026	35.4	11:30	0.0353	11:15
Daily Avg. Contribution (15 min avg.) - 2/3/2026	8.8	-	0.0120	-



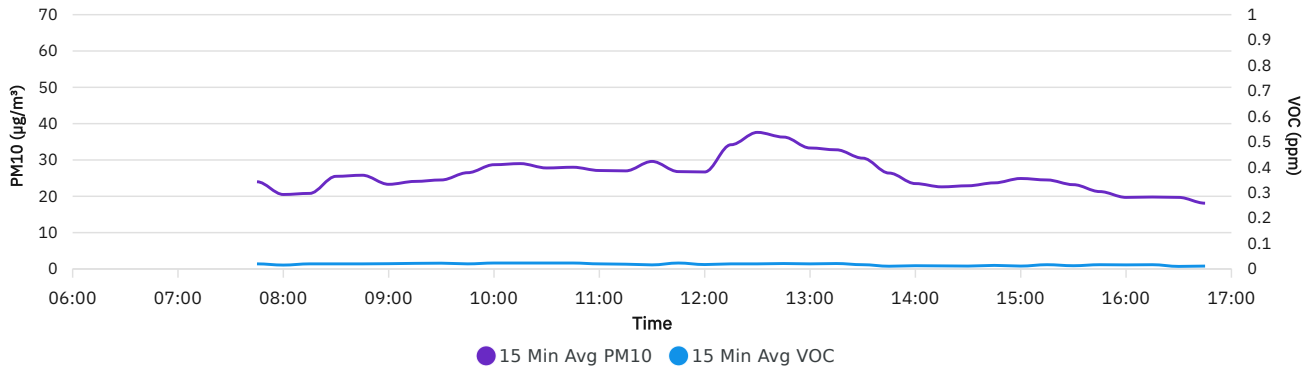




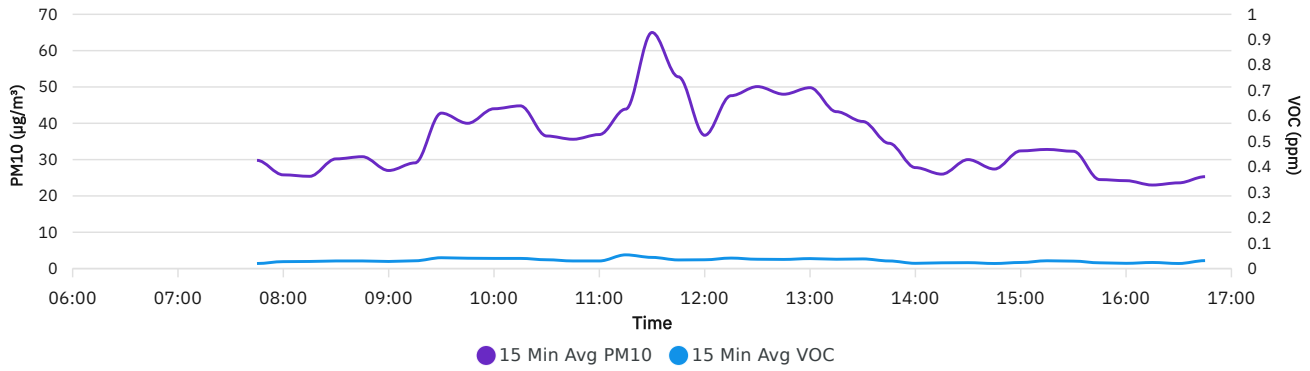
Wind rose (mph)



3208



3209


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
2/3/2026 07:45	25.9	27.8	1.9	0.0200	0.0200	0.0000	0.5	WNW
2/3/2026 08:00	21.2	25.1	3.9	0.0173	0.0253	0.0080	1.2	W
2/3/2026 08:15	21.1	25.1	4.0	0.0200	0.0280	0.0080	1.5	W
2/3/2026 08:30	26.8	28.9	2.1	0.0227	0.0273	0.0047	1.2	W
2/3/2026 08:45	27.8	28.8	0.9	0.0233	0.0267	0.0033	1.0	W
2/3/2026 09:00	23.3	27.0	3.7	0.0207	0.0280	0.0073	2.6	WNW
2/3/2026 09:15	24.1	29.1	5.0	0.0220	0.0307	0.0087	3.1	WNW
2/3/2026 09:30	24.5	42.8	18.3	0.0227	0.0427	0.0200	3.9	WNW
2/3/2026 09:45	26.5	40.0	13.5	0.0200	0.0407	0.0207	3.7	WNW
2/3/2026 10:00	28.7	44.0	15.3	0.0233	0.0400	0.0167	4.0	WNW
2/3/2026 10:15	29.0	44.8	15.7	0.0233	0.0400	0.0167	3.6	WNW
2/3/2026 10:30	27.8	36.5	8.7	0.0233	0.0347	0.0113	3.9	WNW
2/3/2026 10:45	28.0	35.6	7.5	0.0233	0.0300	0.0067	2.4	WNW
2/3/2026 11:00	27.7	36.3	8.6	0.0207	0.0293	0.0087	1.5	WNW
2/3/2026 11:15	27.0	43.9	16.9	0.0187	0.0540	0.0353	2.2	W
2/3/2026 11:30	29.6	65.0	35.4	0.0160	0.0440	0.0280	2.6	WNW
2/3/2026 11:45	26.8	52.8	26.1	0.0233	0.0340	0.0107	1.7	W
2/3/2026 12:00	26.7	36.7	10.0	0.0173	0.0347	0.0173	2.1	WNW
2/3/2026 12:15	34.2	47.6	13.4	0.0200	0.0413	0.0213	3.1	W
2/3/2026 12:30	37.6	50.1	12.4	0.0200	0.0367	0.0167	2.3	W
2/3/2026 12:45	36.3	48.0	11.6	0.0213	0.0360	0.0147	2.3	W
2/3/2026 13:00	34.4	48.8	14.5	0.0220	0.0373	0.0153	3.1	W
2/3/2026 13:15	32.8	43.2	10.4	0.0213	0.0367	0.0153	2.9	W
2/3/2026 13:30	30.5	40.5	10.0	0.0167	0.0380	0.0213	3.6	WNW
2/3/2026 13:45	26.4	34.5	8.2	0.0107	0.0300	0.0193	2.6	W
2/3/2026 14:00	23.5	27.8	4.4	0.0127	0.0207	0.0080	3.1	WNW
2/3/2026 14:15	22.6	26.0	3.4	0.0120	0.0227	0.0107	3.3	WNW
2/3/2026 14:30	22.9	30.0	7.1	0.0113	0.0233	0.0120	2.8	WNW
2/3/2026 14:45	24.7	26.4	1.7	0.0167	0.0173	0.0007	0.9	NW
2/3/2026 15:00	27.0	30.3	3.2	0.0133	0.0220	0.0087	1.3	WNW
2/3/2026 15:15	25.1	32.2	7.1	0.0187	0.0287	0.0100	1.4	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
2/3/2026 15:30	25.4	30.1	4.7	0.0167	0.0253	0.0087	1.0	NW
2/3/2026 15:45	22.2	23.6	1.5	0.0180	0.0213	0.0033	1.4	NW
2/3/2026 16:00	20.0	24.0	4.0	0.0167	0.0200	0.0033	1.8	NW
2/3/2026 16:15	21.0	21.8	0.7	0.0193	0.0213	0.0020	1.0	NW
2/3/2026 16:30	21.3	22.0	0.8	0.0140	0.0160	0.0020	0.8	NNW
2/3/2026 16:45	18.1	25.3	7.2	0.0113	0.0313	0.0200	2.7	NW

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
02/03/2026 07:45	24.0	0.0200	29.8	0.0200	WNW	0.5
02/03/2026 08:00	20.5	0.0153	25.8	0.0273	W	1.2
02/03/2026 08:15	20.8	0.0200	25.4	0.0280	W	1.5
02/03/2026 08:30	25.5	0.0200	30.2	0.0300	W	1.2
02/03/2026 08:45	25.8	0.0200	30.8	0.0300	W	1.0
02/03/2026 09:00	23.3	0.0207	27.0	0.0280	WNW	2.6
02/03/2026 09:15	24.1	0.0220	29.1	0.0307	WNW	3.1
02/03/2026 09:30	24.5	0.0227	42.8	0.0427	WNW	3.9
02/03/2026 09:45	26.5	0.0200	40.0	0.0407	WNW	3.7
02/03/2026 10:00	28.7	0.0233	44.0	0.0400	WNW	4.0
02/03/2026 10:15	29.0	0.0233	44.8	0.0400	WNW	3.6
02/03/2026 10:30	27.8	0.0233	36.5	0.0347	WNW	3.9
02/03/2026 10:45	28.0	0.0233	35.6	0.0300	WNW	2.4
02/03/2026 11:00	27.1	0.0200	36.9	0.0300	WNW	1.5
02/03/2026 11:15	27.0	0.0187	43.9	0.0540	W	2.2
02/03/2026 11:30	29.6	0.0160	65.0	0.0440	WNW	2.6
02/03/2026 11:45	26.8	0.0233	52.8	0.0340	W	1.7
02/03/2026 12:00	26.7	0.0173	36.7	0.0347	WNW	2.1
02/03/2026 12:15	34.2	0.0200	47.6	0.0413	W	3.1
02/03/2026 12:30	37.6	0.0200	50.1	0.0367	W	2.3
02/03/2026 12:45	36.3	0.0213	48.0	0.0360	W	2.3
02/03/2026 13:00	33.3	0.0200	49.8	0.0393	W	3.1
02/03/2026 13:15	32.8	0.0213	43.2	0.0367	W	2.9
02/03/2026 13:30	30.5	0.0167	40.5	0.0380	WNW	3.6
02/03/2026 13:45	26.4	0.0107	34.5	0.0300	W	2.6
02/03/2026 14:00	23.5	0.0127	27.8	0.0207	WNW	3.1
02/03/2026 14:15	22.6	0.0120	26.0	0.0227	WNW	3.3
02/03/2026 14:30	22.9	0.0113	30.0	0.0233	WNW	2.8
02/03/2026 14:45	23.7	0.0140	27.4	0.0200	NW	0.9
02/03/2026 15:00	24.9	0.0113	32.4	0.0240	WNW	1.3
02/03/2026 15:15	24.5	0.0167	32.8	0.0307	WNW	1.4
02/03/2026 15:30	23.2	0.0127	32.3	0.0293	NW	1.0
02/03/2026 15:45	21.3	0.0167	24.5	0.0227	NW	1.4
02/03/2026 16:00	19.7	0.0160	24.2	0.0207	NW	1.8
02/03/2026 16:15	19.8	0.0167	23.0	0.0240	NW	1.0
02/03/2026 16:30	19.7	0.0100	23.6	0.0200	NNW	0.8
02/03/2026 16:45	18.1	0.0113	25.3	0.0313	NW	2.7