SITE OBSERVATION REPORT - RAWP Implementation – Day 144

LANGAN

PROJECT No.:	170390001	**CLIENT:**	**DATE:**	Friday, February 6, 2026	
PROJECT:	141 3rd Street	Third Street Owner LLC and 155 Third St., LLC	**WEATHER:**	Sunny, 19 – 30^{0}F Wind: SE @ 0.5 – 7.2 mph	
LOCATION:	Brooklyn, New York		**TIME:**	6:45 a.m. – 5:30 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
(2) Aeroqual Air Monitoring Stations
(1) MiniRAE 3000 Photoionization Detector (PID)
Hand Tools

PRESENT AT SITE:
Langan: Laurel Winslow, Dylan Morrison
New Leaf: Jose Gomez
Monadnock Construction, Inc. (Monadnock): Bob Hempfling
Bauer Structures
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 60-inch-diameter steel casings and a 54-inch-diameter auger to extract soil/fill at the following Column Nos.:
    - *SR-003:* Soil/fill was periodically extracted from surface grade to about 29 feet below grade surface (bgs) (corresponding to elevation[1] [el] 5.83 and el -23, respectively). Flowable fill was placed from el -23 to el -2.16 (the mean low water level). The column is currently in progress and will be backfilled and completed on the next work day.
    - *SR-005:* Soil/fill was periodically extracted from about 15 feet bgs to about 29 feet bgs (corresponding to el -8.9 and el -23, respectively). Flowable fill was placed from el -23 to el -2.16. The column is currently in progress and will be backfilled and completed on the next work day.
    - *SR-007:* The casings were incrementally advanced from surface grade to 33 feet bgs (corresponding to el 6.1 and el -26.9, respectively). Soil/fill was periodically extracted from about el 6.1 to about 15 feet bgs (el -8.9). The column is currently in progress and will be further advanced and completed on the next work day.
    - *SR-009:* The casings were incrementally advanced from surface grade to 33 feet bgs. The column is currently in progress and will be further advanced and completed on the next work day.
    - *SR-010:* Imported 1.5-inch virgin stone (ASTM #3) was backfilled from el -2.16 to surface grade (about el 6.25) before removing the 60-inch-diameter steel casings.
    - *SR-011:* The casings were incrementally advanced from surface grade to 33 feet bgs (corresponding to el 6.25 and el -26.5, respectively). Soil/fill was periodically extracted from about el 6.25 to el -23. Flowable fill was placed from el -23 to el -2.16 (the mean low water level). The column is currently in progress and will be backfilled and completed on the next work day.

[1] Elevations herein are referenced to the North American Vertical Datum of 1988 (NAVD88).

- *SR-029:* Imported 1.5-inch virgin stone (ASTM #3) was backfilled from el -2.16 to surface grade (about el 6.5) before removing the 60-inch-diameter steel casings.
- *SR-031:* Imported 1.5-inch virgin stone (ASTM #3) was backfilled from el -2.16 to surface grade (about el 6.5) before removing the 60-inch-diameter steel casings.
- 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 0.7 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.

- Bauer prepared the northwestern part of the site for a concrete footing pour anticipated to occur on the next workday.
- 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

- Bauer Structures exported five truckloads (100 cubic yards [CY]) of non-hazardous contaminated soil/urban fill to Clean Earth of Carteret (CEC) located in Carteret, NJ.
- New Leaf imported one truckload (26.39 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	**14**
		Quantity (tons)	26.39	**323.88**
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	**1**
		Quantity (tons)	0	24.04

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**	5	**87**
		Quantity (CY)	100	**1,740**
Clean Earth of New Castle (CENC) New Castle, DE Non-Hazardous Contaminated Soil/Urban Fill	3,571 CY (5,000 tons)	**No. Loads**	0	**32**
		Quantity (CY)	0	**640**
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 source removal.
- Bauer Structures will continue excavation.
- Bauer Structures will export excavated soil/fill for off-site disposal.

SITE PHOTOGRAPHS:

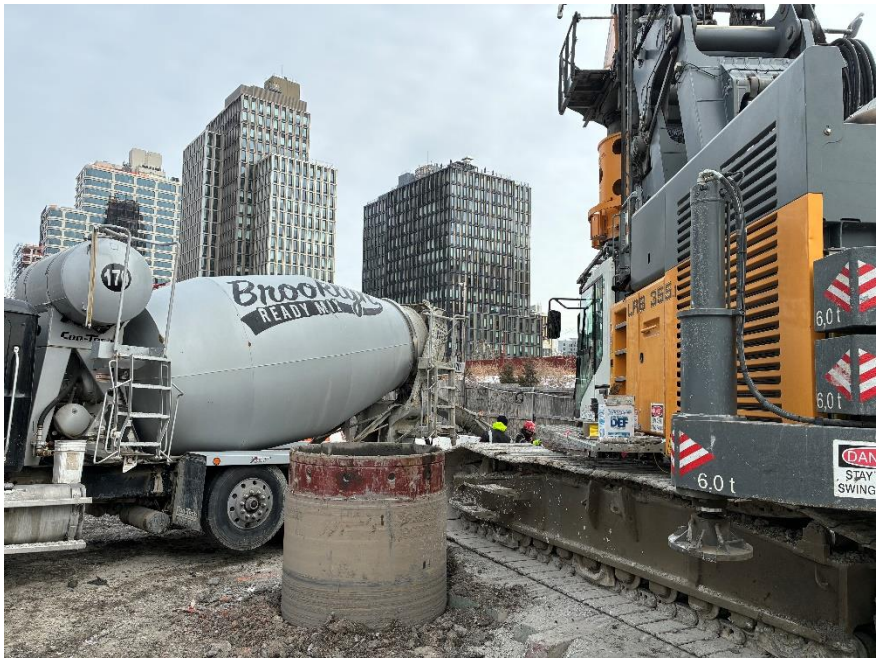


Photo 1: New Leaf placing flowable fill into Column No. SR-011 in the eastern part of the site (facing east).



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

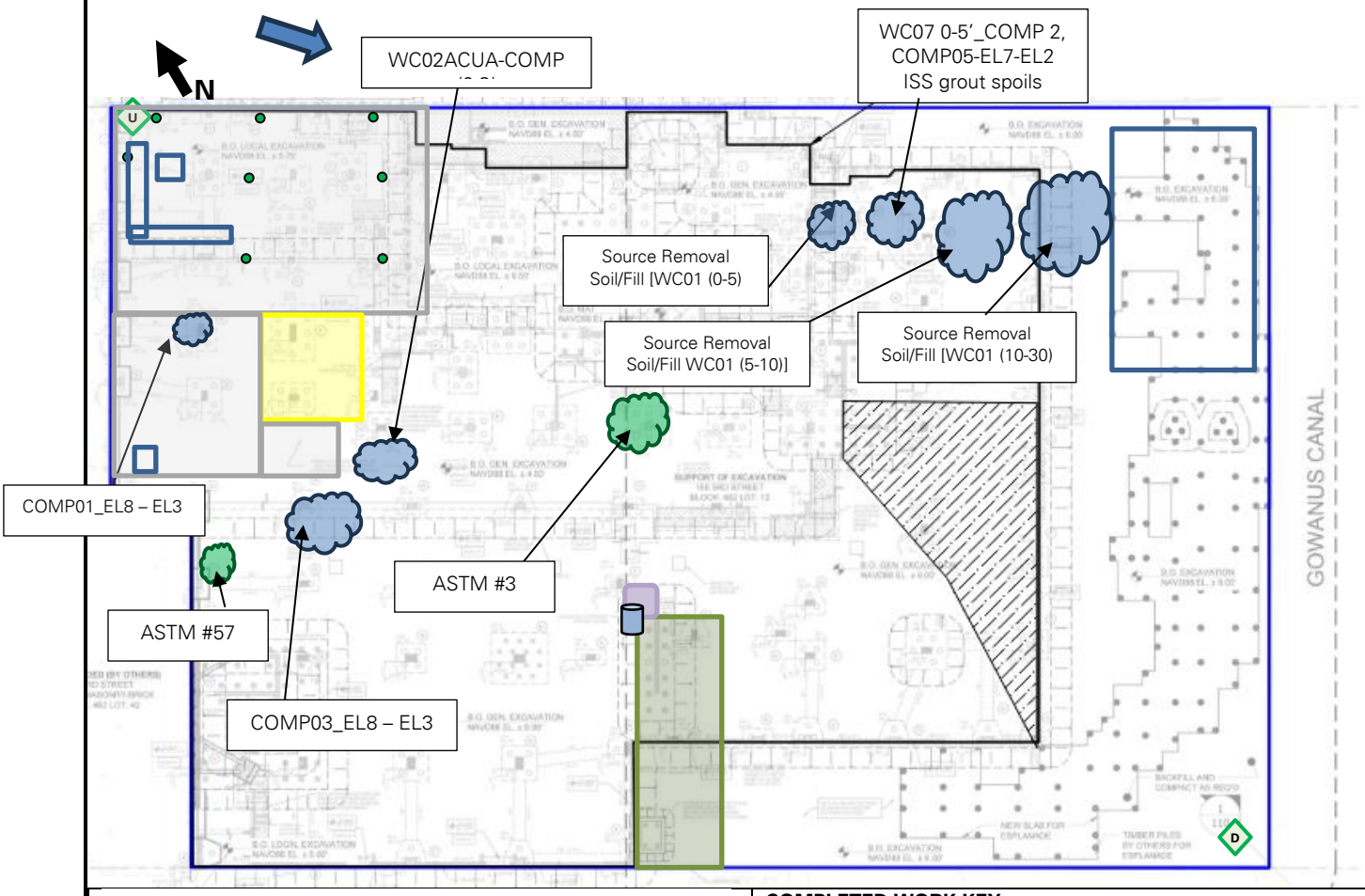


Photo 3: New Leaf loading a truck with soil/fill for off-site disposal (facing north).



Photo 4: New Leaf covering stockpiles with poly sheeting at the end of the work day (facing north).

FIGURE 1 - SITE MAP:



LEGEND:

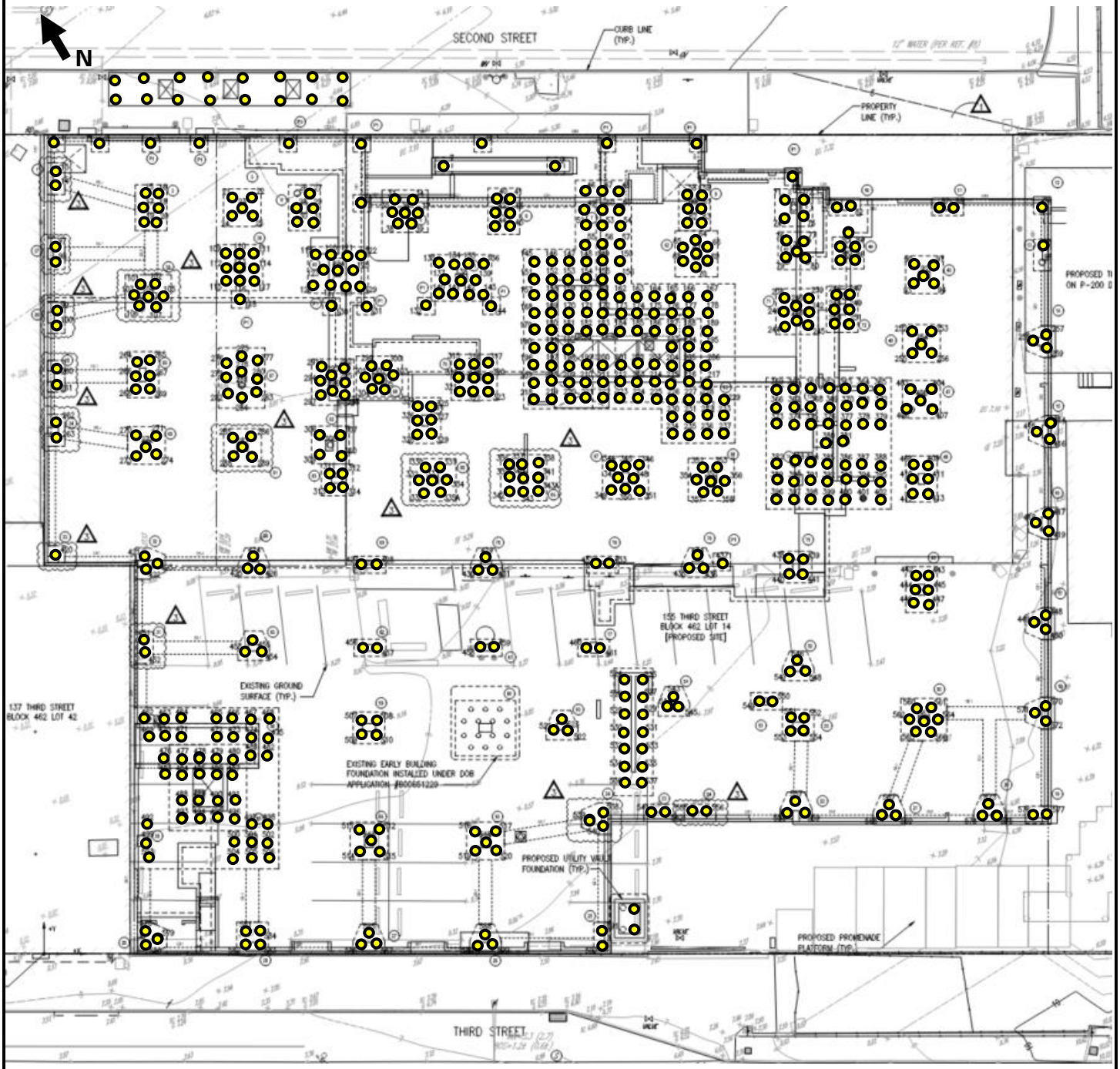
- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

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:

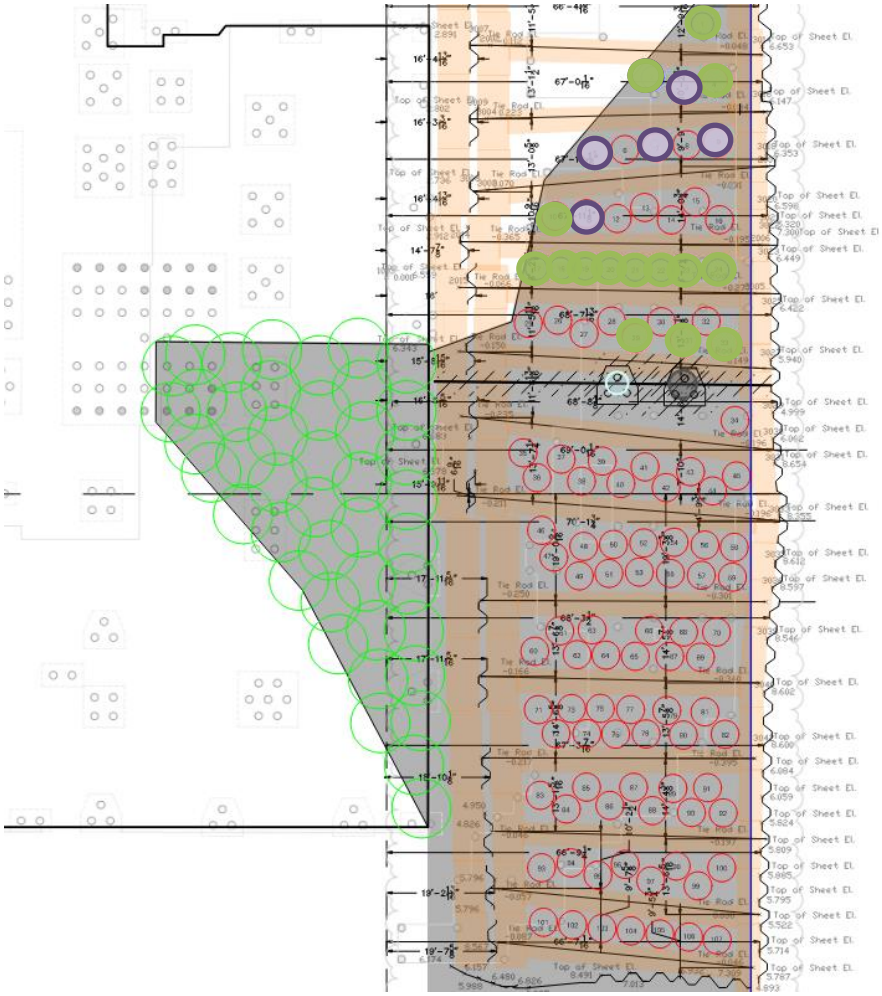


COMPLETED WORK KEY

- 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

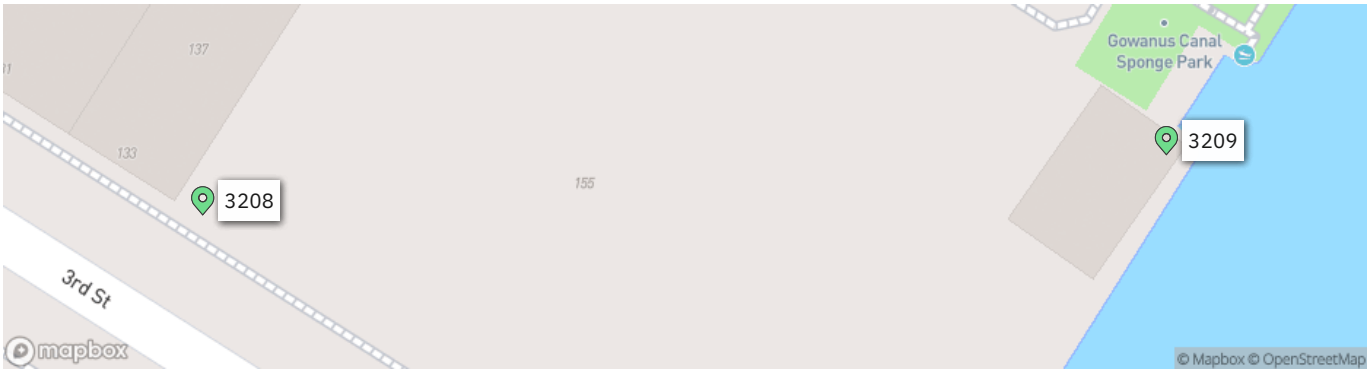
- Approximate location of completed source removal column
- Approximate location of source removal column in progress

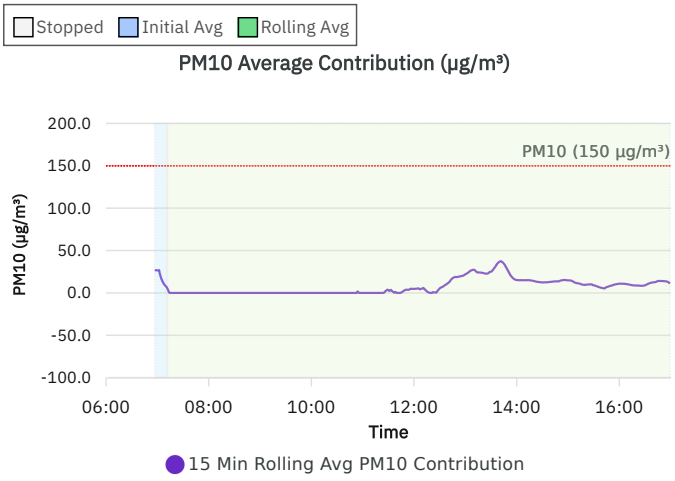
Base map includes Figure 2 – Source Removal Plan from the NYSDEC-approved Source Removal Work Plan, prepared by Langan Engineering, dated 10/02/2025

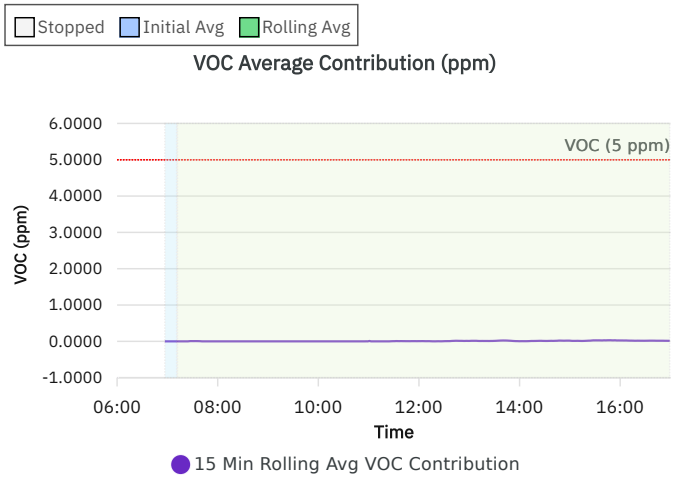
LANGAN	Site Contribution Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	02/06/2026 06:00
		To:	02/06/2026 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
02/06/2026	23.0 - 34.5	42.6 - 58.5	29.7 - 29.9	0.5 - 7.2	NW

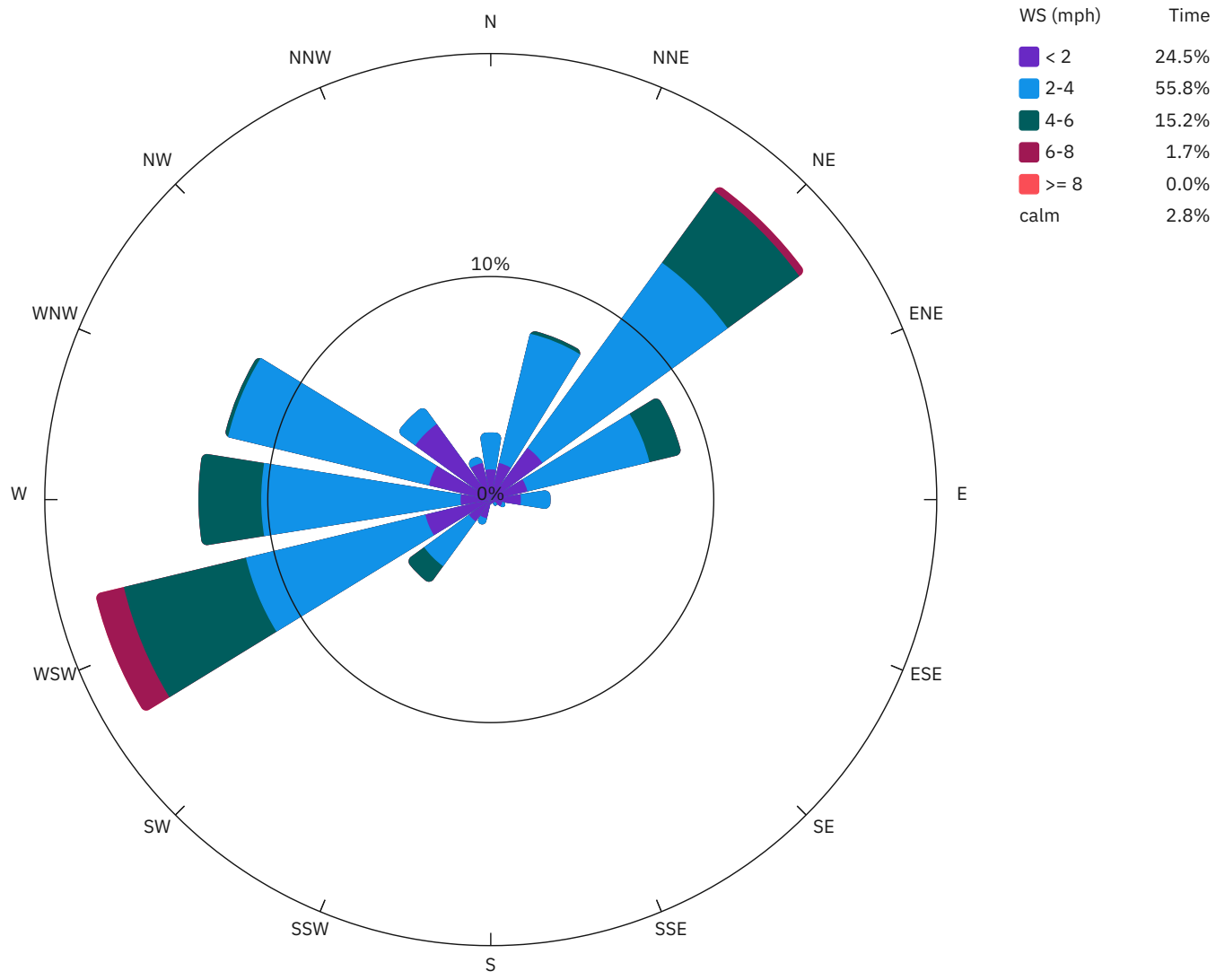
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 2/6/2026	0.0	07:15	0.0000	07:00
Max Contribution (15 min avg.) - 2/6/2026	34.5	13:45	0.0300	15:45
Daily Avg. Contribution (15 min avg.) - 2/6/2026	7.6	-	0.0080	-



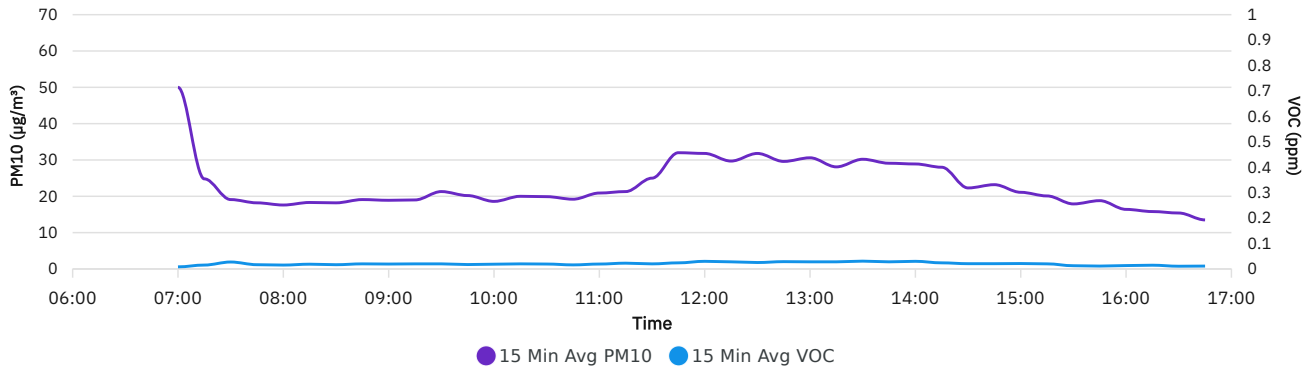




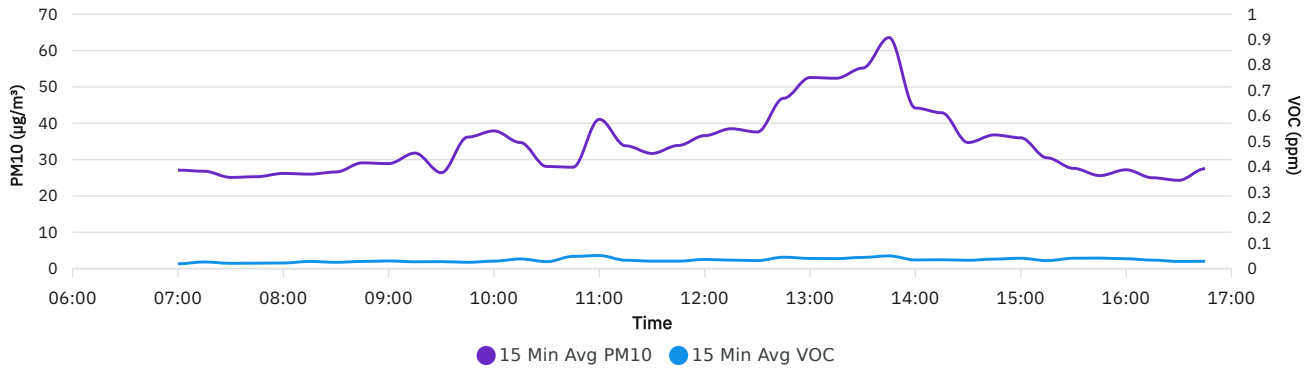
Wind rose (mph)



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
2/6/2026 07:00	27.1	53.9	26.7	0.0200	0.0100	0.0000	2.6	NE
2/6/2026 07:15	26.8	24.8	0.0	0.0260	0.0153	0.0000	2.3	NNE
2/6/2026 07:30	25.1	19.1	0.0	0.0207	0.0273	0.0067	2.6	NNE
2/6/2026 07:45	24.9	18.6	0.0	0.0213	0.0167	0.0000	2.8	NE
2/6/2026 08:00	25.0	18.7	0.0	0.0207	0.0167	0.0000	1.5	ENE
2/6/2026 08:15	25.0	19.2	0.0	0.0273	0.0193	0.0000	1.3	NE
2/6/2026 08:30	26.6	18.2	0.0	0.0247	0.0167	0.0000	2.4	NE
2/6/2026 08:45	28.4	19.7	0.0	0.0280	0.0200	0.0000	2.7	NE
2/6/2026 09:00	28.9	18.9	0.0	0.0300	0.0193	0.0000	3.3	NE
2/6/2026 09:15	31.8	19.0	0.0	0.0267	0.0200	0.0000	3.3	NE
2/6/2026 09:30	26.4	21.3	0.0	0.0273	0.0200	0.0000	3.4	NE
2/6/2026 09:45	36.2	20.2	0.0	0.0247	0.0173	0.0000	4.0	NE
2/6/2026 10:00	36.6	20.0	0.0	0.0287	0.0193	0.0000	2.9	NE
2/6/2026 10:15	34.0	20.8	0.0	0.0373	0.0207	0.0000	2.3	ENE
2/6/2026 10:30	25.8	22.1	0.0	0.0253	0.0213	0.0000	2.0	NE
2/6/2026 10:45	26.2	21.0	0.0	0.0420	0.0220	0.0000	2.0	NNE
2/6/2026 11:00	32.7	29.4	0.0	0.0327	0.0380	0.0053	1.3	NNE
2/6/2026 11:15	33.1	22.0	0.0	0.0320	0.0233	0.0000	2.0	ENE
2/6/2026 11:30	26.8	29.9	3.1	0.0220	0.0273	0.0053	1.2	WSW
2/6/2026 11:45	32.7	33.2	0.5	0.0240	0.0293	0.0053	1.7	W
2/6/2026 12:00	31.8	36.6	4.8	0.0300	0.0360	0.0060	2.2	WNW
2/6/2026 12:15	33.2	35.0	1.9	0.0293	0.0320	0.0027	0.6	WNW
2/6/2026 12:30	32.1	37.4	5.3	0.0260	0.0307	0.0047	2.2	WNW
2/6/2026 12:45	29.6	46.9	17.3	0.0287	0.0447	0.0160	2.5	W
2/6/2026 13:00	30.6	52.6	22.0	0.0280	0.0400	0.0120	3.8	WSW
2/6/2026 13:15	28.1	52.4	24.2	0.0280	0.0393	0.0113	2.7	W
2/6/2026 13:30	30.2	55.2	25.0	0.0307	0.0440	0.0133	4.0	WSW
2/6/2026 13:45	29.1	63.6	34.5	0.0280	0.0500	0.0220	3.3	WSW
2/6/2026 14:00	28.9	44.2	15.2	0.0300	0.0340	0.0040	2.0	WNW
2/6/2026 14:15	28.0	42.9	14.9	0.0240	0.0347	0.0107	3.2	W
2/6/2026 14:30	22.3	34.7	12.4	0.0207	0.0327	0.0120	2.7	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
2/6/2026 14:45	23.2	36.8	13.6	0.0207	0.0373	0.0167	3.5	W
2/6/2026 15:00	21.1	36.0	14.9	0.0213	0.0407	0.0193	2.7	W
2/6/2026 15:15	20.1	30.5	10.4	0.0200	0.0313	0.0113	3.3	W
2/6/2026 15:30	18.2	27.2	9.0	0.0127	0.0407	0.0280	3.2	WSW
2/6/2026 15:45	18.8	25.6	6.8	0.0113	0.0413	0.0300	3.1	WSW
2/6/2026 16:00	16.4	27.2	10.8	0.0133	0.0387	0.0253	2.2	W
2/6/2026 16:15	15.8	25.0	9.1	0.0147	0.0333	0.0187	2.7	WSW
2/6/2026 16:30	15.4	24.3	8.9	0.0107	0.0280	0.0173	2.2	W
2/6/2026 16:45	13.5	27.5	14.1	0.0113	0.0287	0.0173	2.9	WSW

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
02/06/2026 07:00	50.0	0.0083	27.1	0.0188	NE	2.6
02/06/2026 07:15	24.8	0.0153	26.8	0.0260	NNE	2.3
02/06/2026 07:30	19.1	0.0273	25.1	0.0207	NNE	2.6
02/06/2026 07:45	18.2	0.0167	25.3	0.0213	NE	2.8
02/06/2026 08:00	17.6	0.0153	26.2	0.0220	ENE	1.5
02/06/2026 08:15	18.3	0.0187	26.0	0.0280	NE	1.3
02/06/2026 08:30	18.2	0.0167	26.6	0.0247	NE	2.4
02/06/2026 08:45	19.1	0.0200	29.1	0.0280	NE	2.7
02/06/2026 09:00	18.9	0.0193	28.9	0.0300	NE	3.3
02/06/2026 09:15	19.0	0.0200	31.8	0.0267	NE	3.3
02/06/2026 09:30	21.3	0.0200	26.4	0.0273	NE	3.4
02/06/2026 09:45	20.2	0.0173	36.2	0.0247	NE	4.0
02/06/2026 10:00	18.6	0.0187	37.9	0.0293	NE	2.9
02/06/2026 10:15	20.0	0.0200	34.7	0.0380	ENE	2.3
02/06/2026 10:30	19.9	0.0193	28.1	0.0273	NE	2.0
02/06/2026 10:45	19.2	0.0160	27.9	0.0480	NNE	2.0
02/06/2026 11:00	20.9	0.0193	41.1	0.0513	NNE	1.3
02/06/2026 11:15	21.3	0.0227	33.8	0.0327	ENE	2.0
02/06/2026 11:30	25.0	0.0200	31.7	0.0293	WSW	1.2
02/06/2026 11:45	32.0	0.0240	33.9	0.0293	W	1.7
02/06/2026 12:00	31.8	0.0300	36.6	0.0360	WNW	2.2
02/06/2026 12:15	29.7	0.0280	38.5	0.0333	WNW	0.6
02/06/2026 12:30	31.8	0.0253	37.6	0.0313	WNW	2.2
02/06/2026 12:45	29.6	0.0287	46.9	0.0447	W	2.5
02/06/2026 13:00	30.6	0.0280	52.6	0.0400	WSW	3.8
02/06/2026 13:15	28.1	0.0280	52.4	0.0393	W	2.7
02/06/2026 13:30	30.2	0.0307	55.2	0.0440	WSW	4.0
02/06/2026 13:45	29.1	0.0280	63.6	0.0500	WSW	3.3
02/06/2026 14:00	28.9	0.0300	44.2	0.0340	WNW	2.0
02/06/2026 14:15	28.0	0.0240	42.9	0.0347	W	3.2
02/06/2026 14:30	22.3	0.0207	34.7	0.0327	WNW	2.7
02/06/2026 14:45	23.2	0.0207	36.8	0.0373	W	3.5
02/06/2026 15:00	21.1	0.0213	36.0	0.0407	W	2.7
02/06/2026 15:15	20.1	0.0200	30.5	0.0313	W	3.3
02/06/2026 15:30	17.9	0.0127	27.6	0.0407	WSW	3.2
02/06/2026 15:45	18.8	0.0113	25.6	0.0413	WSW	3.1
02/06/2026 16:00	16.4	0.0133	27.2	0.0387	W	2.2
02/06/2026 16:15	15.8	0.0147	25.0	0.0333	WSW	2.7
02/06/2026 16:30	15.4	0.0107	24.3	0.0280	W	2.2
02/06/2026 16:45	13.5	0.0113	27.5	0.0287	WSW	2.9