SITE OBSERVATION REPORT - RAWP Implementation – Day 140

LANGAN

PROJECT No.:	170390001	**CLIENT:**		**DATE:**	Friday, January 30, 2026
PROJECT:	141 3rd Street	Third Street Owner LLC and 155 Third St., LLC		**WEATHER:**	Sunny, 2 – 9^{0}F Wind: ESE @ 1.0 – 9.8 mph
LOCATION:	Brooklyn, New York			**TIME:**	6:45 a.m. – 6:00 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 (PID)
Hand Tools

PRESENT AT SITE:
Langan: Laurel Winslow
New Leaf: Jose Gomez
Monadnock Construction, Inc. (Monadnock): Gavin Gawley, Bob Hempfling
Mueser Rutledge Consulting Engineers (MRCE): Amani Calderon
Bauer Structures: Brendan Dooley
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 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-002:* Soil/fill was periodically extracted from about 15 feet below surface grade (bgs) to 29 feet bgs (corresponding to elevation[1] [el] -8.75 and el -23, respectively). Following soil/fill extraction, the auger was retracted, and the casings were left in-place.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 1.5-inch virgin stone (ASTM #3) was backfilled from el -2.16 to surface grade (about el 6.25) before removing the 48-inch-diameter steel casings.
    - *SR-020:* Imported 1.5-inch virgin stone (ASTM #3) was backfilled from el -2.16 to surface grade (about el 6) before removing the 48-inch-diameter steel casings.
    - *SR-022:* Imported 1.5-inch virgin stone (ASTM #3) was backfilled from el -2.16 to surface grade (about el 6) before removing the 48-inch-diameter steel casings.
    - *SR-023:* The casings were incrementally advanced from surface grade to 29 feet bgs (corresponding to el 6 and el -23, respectively). Soil/fill was periodically extracted from about el 6 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 Following soil/fill extraction, the auger was retracted, and the casings were left in-place.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 6) before removing the 48-inch-diameter steel casings.
    - *SR-021:* The casings were incrementally advanced from surface grade to 29 feet bgs (corresponding to el 6.4 and el -23, respectively). Soil/fill was periodically extracted from about el 6.4 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 6.4) before removing the 48-inch-diameter steel casings.

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

- *SR-017:* The casings were incrementally advanced from surface grade to 30 feet bgs (corresponding to el 7.2 and el -23, respectively). The column is currently in progress and will be further advanced and completed on the next work day.
- *SR-019:* The casings were incrementally advanced from surface grade to 30 feet bgs (corresponding to el 7 and el -23, respectively). Soil/fill was periodically extracted from about el 7 to about 25 feet bgs (el -18). 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 11.0 parts per million (ppm) was recorded. New Leaf applied ATMOS AC645 odor/vapor suppressing foam, as needed, 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 Structures excavated around pile caps in a 55-foot-long by 15-foot-wide area to about 5 feet bgs in the northwestern part of site for removal and off-site disposal of non-hazardous soil/fill as part of the development excavation.
  - Excavated material consisted of soil/fill and C&D debris. Langan screened the excavated material for odors, staining, and organic vapors using a PID. No evidence of impacts was observed. Excavated material was placed on and covered with poly sheeting at the end of the 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

- Langan collected the following documentation endpoint and sidewall soil samples (plus quality assurance/quality control samples) for laboratory analysis of target compound list (TCL) and NYSDEC Part 375 volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs) (including 1,4-dioxane), pesticides, herbicides, polychlorinated biphenyls (PCBs), target analyte list (TAL) metals (including hexavalent/trivalent chromium and total cyanide), and/or per- and polyfluoroalkyl substances (PFAS).
  - EP02_EL_5.1
  - EP09_EL_5.5
  - SW03_EL_5.1
  - FB01_PFAS_013026
- The samples were relinquished to Pace Analytical Labs, an Environmental Laboratory Accredited Program (ELAP)-certified laboratory, under standard chain-of-custody protocols.

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.
  - The upwind station experienced an equipment malfunction and data was not recorded. The downwind station was recorded and did not show any exceedances for PM10 and VOCs. Fugitive dust and odors were not observed migrating from site.

Material Tracking

- New Leaf exported 10 truckloads (200 CY) of non-hazardous contaminated soil/urban fill to Clean Earth of New Castle (CENC) located in New Castle, DE.
- No material was imported to 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	**9**
		Quantity (tons)	0	**199.15**
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**	10	**20**
		Quantity (CY)	200	**400**
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.
- New Leaf will export excavated soil/fill for off-site disposal.
- New Leaf will continue advancing source removal columns.

SITE PHOTOGRAPHS:

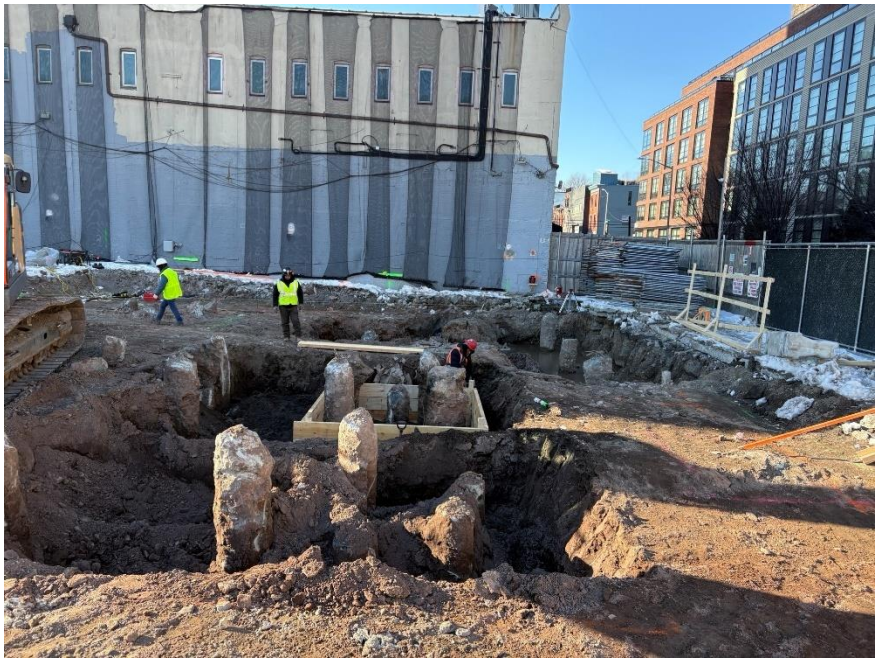


Photo 1: Bauer Structures excavating in the northwestern part of site (facing northwest).



Photo 2: New Leaf augering soil from Column No. SR-021 in the eastern part of the site (facing northeast).

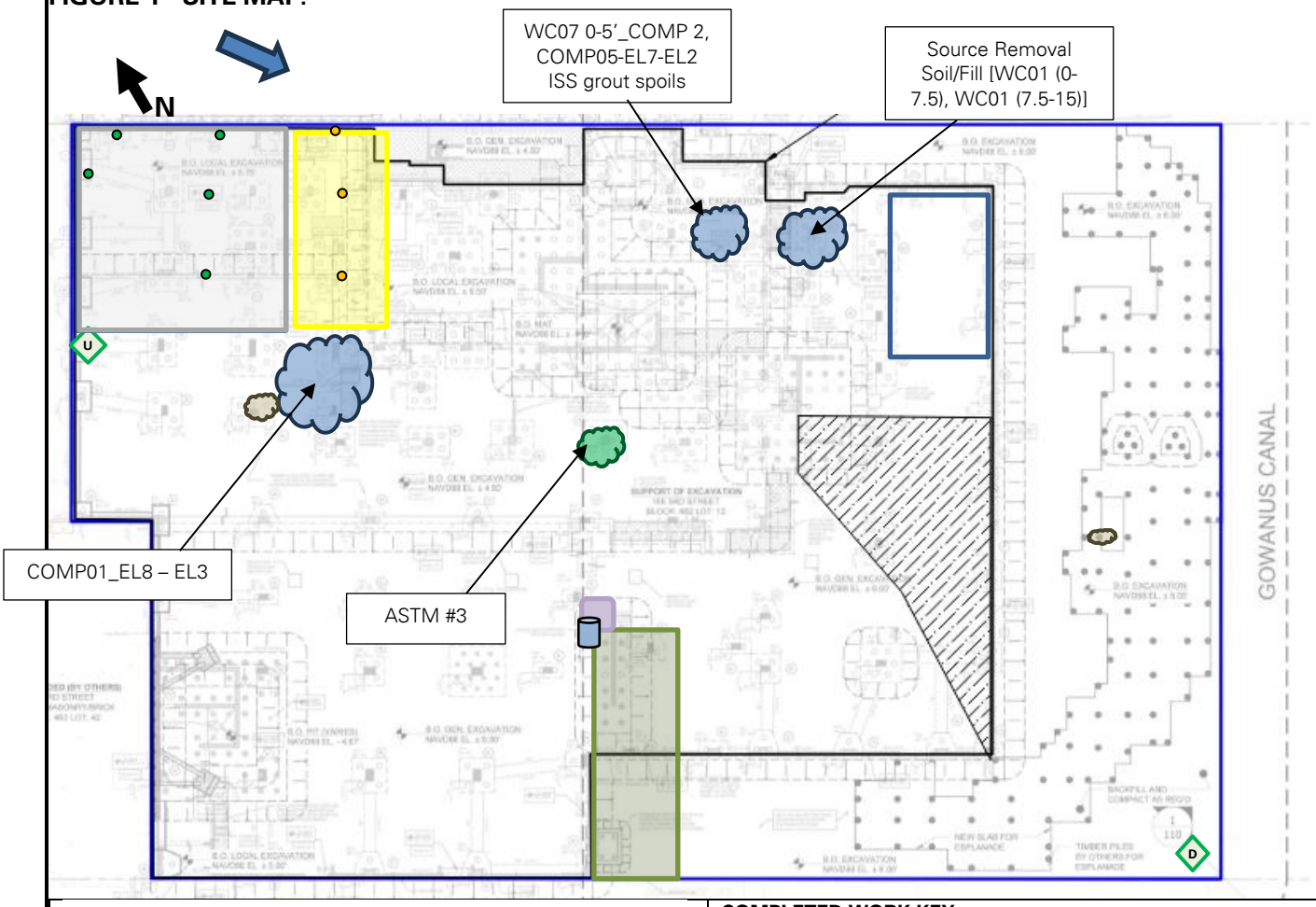


Photo 3: New Leaf spraying Atmos® AC-645 odor/vapor suppressing foam on excavated soil/fill in the eastern part of the site (facing east).



Photo 4: New Leaf loading a truck with soil/fill for off-site disposal (facing south).

FIGURE 1 - SITE MAP:



LEGEND:

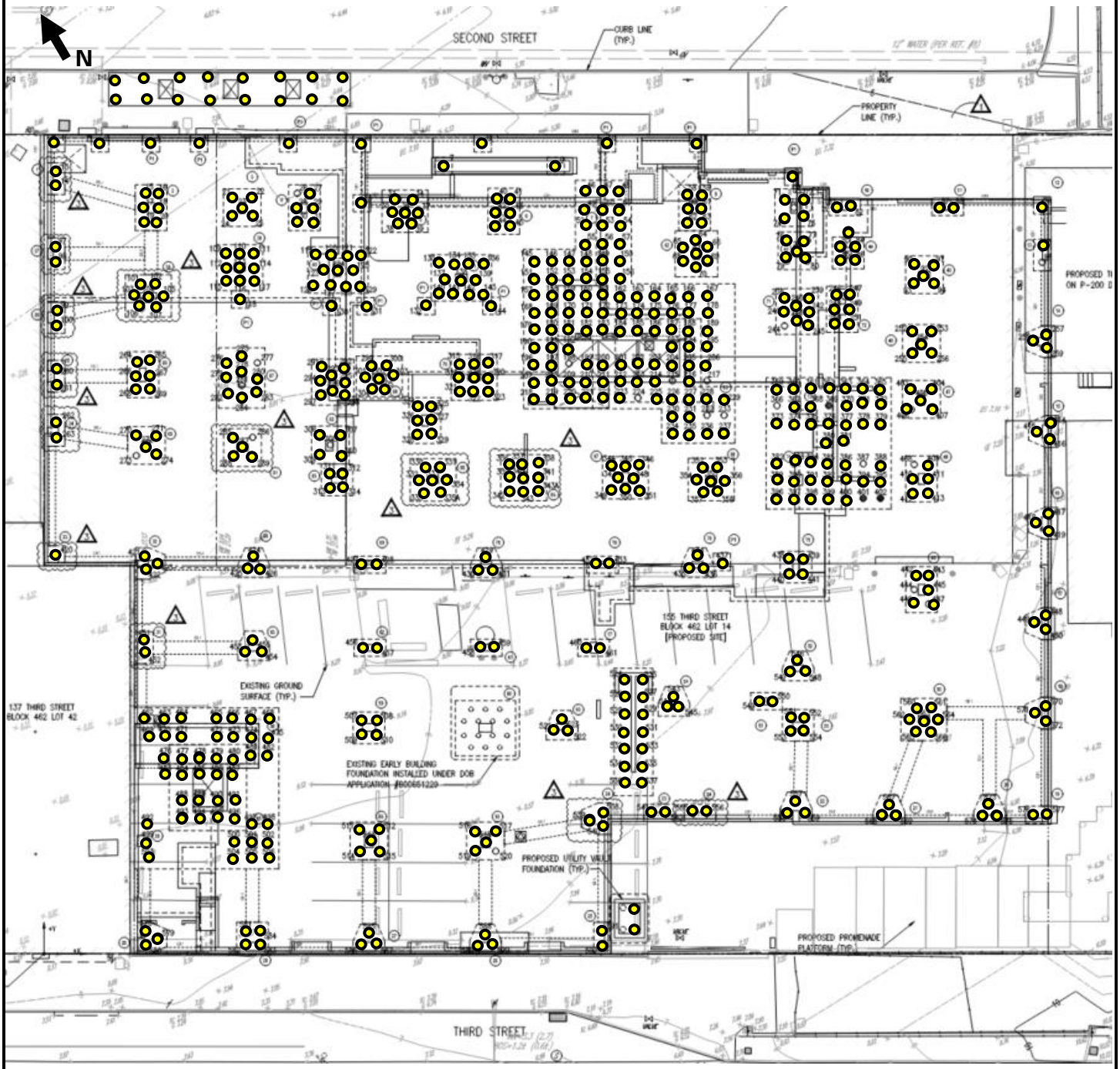
- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

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:

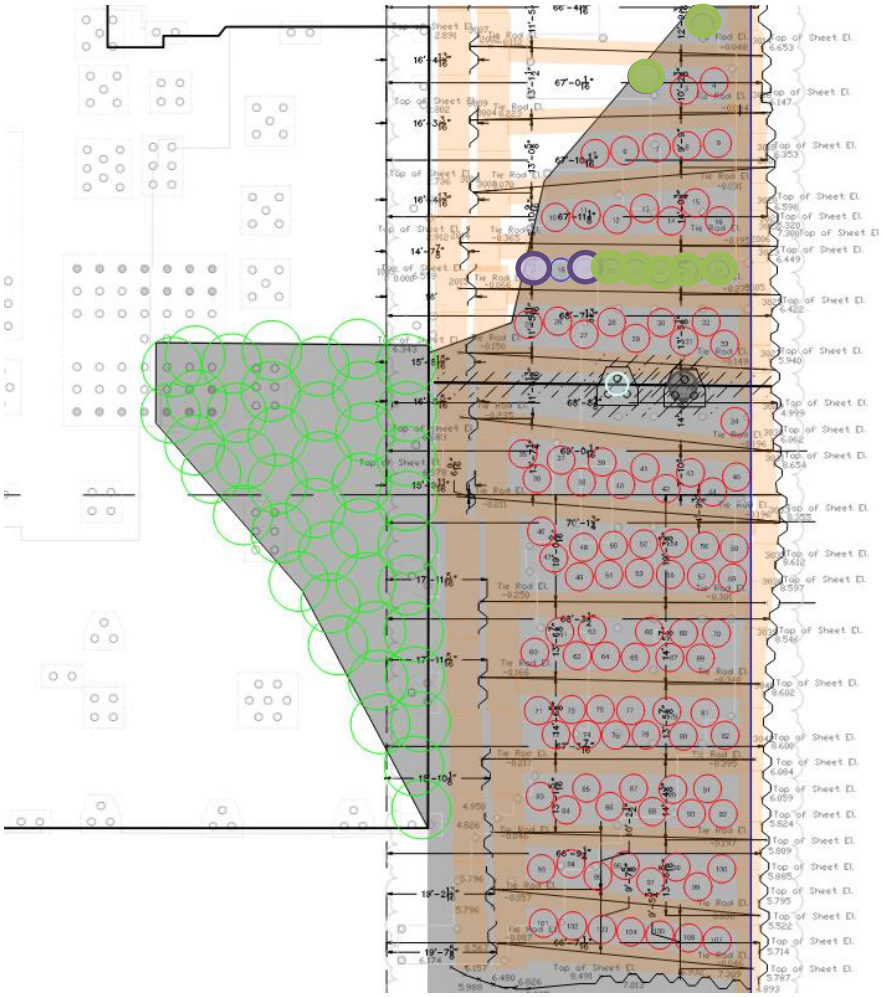


COMPLETED WORK KEY

- 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

Organisation: Langan Engineering and Environmental Services
Project: 170390002 - 155 3rd St Brooklyn
Monitoring Location: 3209
Time Zone: (UTC-05:00) Eastern Time (New York)
Period: 2026-01-30 00:00:00 to 2026-01-30 23:59:00
Averaging Period: 15 mins

Time	AMB RH (%)	AMB T (°F)	Battery voltage (V	Flow (L/min)	PDI	ITEMP (°C)	PM1 (µg/m³)	PM10 (µg/m³)	PM2.5 (µg/m³)	PM4 (µg/m³)	TSP (µg/m³)	VOC (ppm)
1/30/2026 7:00	51.7	10.1	12.96183364	1.001091495	-3.733103315	4.2	14.7	5.9	7.8	34.3	0.016	
1/30/2026 7:15	51.1	10.8	13.06607316	1.001878941	0.601698603	4.1	14.6	5.6	7.4	35.8	0.018	
1/30/2026 7:30	50.7	11.6	13.0632733	1.000126266	1.880568687	4.3	21.4	6	8.4	62	0.0184	
1/30/2026 7:45	48.7	12.3	13.04800663	1.003014131	3.062564675	4.4	21.1	6.3	8.8	59.9	0.0172	
1/30/2026 8:00	46.2	14	13.03027331	1.008606581	4.285082038	4.2	15.8	5.6	7.4	41.4	0.0169	
1/30/2026 8:15	42.5	16.1	13.01953335	1.003253067	5.49734265	3.8	11.9	4.9	6.3	28.1	0.0155	
1/30/2026 8:30	41.1	17.2	13.01113993	1.002546191	6.58248326	3.3	15.5	4.7	6.5	42.8	0.014	
1/30/2026 8:45	40	17.9	13.0045667	0.995381002	7.437687969	3.4	13.1	4.6	6.2	33	0.0176	
1/30/2026 9:00	39.1	19	12.99598656	1.005940394	8.144083977	3.6	14	5	6.8	33.1	0.0212	
1/30/2026 9:15	38	19.2	12.99682	1.016590667	8.752810033	3.6	17.1	5.2	7.3	47.5	0.0156	
1/30/2026 9:30	37.4	20.1	12.99308681	0.99956545	9.182115428	3.6	13.6	4.9	6.5	34.6	0.0148	
1/30/2026 9:45	36.4	20.8	12.99037997	0.989618071	9.570008659	3.5	11.4	4.7	6.1	25.8	0.0159	
1/30/2026 10:00	36.1	21.5	12.98683974	0.988677402	9.95223128	3.4	12.5	4.6	6.1	31	0.0182	
1/30/2026 10:15	35.9	21.5	12.98221327	0.998192926	10.24732005	3.4	16.8	5	7.2	45.8	0.0204	
1/30/2026 10:30	35.9	21.9	12.97398675	1.009185338	10.49840666	3.4	17.8	5	7.2	51.2	0.0236	
1/30/2026 10:45	36.8	21.3	12.96975327	1.011683321	10.61936658	3.7	23.1	5.6	8.3	70.3	0.0178	
1/30/2026 11:00	34.9	22.6	12.96337337	1.012373336	10.71772664	3.7	16.8	5.3	7.5	43.6	0.0161	
1/30/2026 11:15	34.6	23	12.95817324	1.007779662	11.07100677	3.8	17.9	5.5	7.8	45.4	0.0158	
1/30/2026 11:30	34.4	23	12.95110683	0.994336275	11.33817317	4	15.8	5.4	7.4	37.6	0.0176	
1/30/2026 11:45	36	23.5	12.94336001	0.992237528	11.43219337	4.2	19.3	6.1	8.8	45.7	0.0197	
1/30/2026 12:00	36.5	22.1	12.93080012	0.989929807	11.43244661	4	13.4	5.5	7.3	27.7	0.0143	
1/30/2026 12:15	37.3	21.9	12.91750673	0.992414868	11.16787338	4.1	14.2	5.7	7.6	32.1	0.0152	
1/30/2026 12:30	35.3	23.6	12.9029199	0.989735333	11.12809995	3.5	12.2	4.8	6.5	28	0.0158	
1/30/2026 12:45	35	23.1	12.89479357	0.989923537	11.45814018	3.4	9.9	4.5	5.9	20.2	0.0165	
1/30/2026 13:00	35.5	22.2	12.88441334	0.994225661	11.46140003	2.9	9.8	4	5.4	21.2	0.0149	
1/30/2026 13:15	33.9	23.6	12.86661994	0.991833138	11.36890666	2.8	10.7	3.9	5.3	24.2	0.0149	
1/30/2026 13:30	34.6	24.4	12.84698652	0.989006265	11.38568001	3.3	10.8	4.4	5.7	23.6	0.0184	
1/30/2026 13:45	34.4	24.9	12.83520654	0.996853805	11.66857999	3.5	11.3	4.7	6.3	23.1	0.0195	
1/30/2026 14:00	35	24.8	12.82102	1.001656799	11.78420658	3.9	13.9	5.5	7.5	29	0.0257	
1/30/2026 14:15	34.9	25.1	12.80230668	0.999168599	11.85411994	4	17.8	5.9	8.4	42.1	0.0261	
1/30/2026 14:30	34.7	24.5	12.79280675	1.00397987	12.08409328	3.7	15.5	5.4	7.6	33.9	0.0169	
1/30/2026 14:45	33.9	25.2	12.77935994	1.00334514	12.21303997	4	14.9	5.7	7.7	32.5	0.0457	
1/30/2026 15:00	31.8	25.7	12.77128677	1.003564394	12.41959337	3.5	11.4	4.8	6.4	23.2	0.0175	
1/30/2026 15:15	32.4	25.3	12.76326001	1.002470402	12.59290663	3.6	12.7	4.9	6.6	28.5	0.0192	
1/30/2026 15:30	31.4	27.1	12.74980672	1.003705931	12.55524006	3.4	12.5	4.6	6.2	30	0.0184	
1/30/2026 15:45	26.3	30.3	12.73800011	1.002769264	12.67825336	3.8	10.9	5	6.3	22.5	0.016	
1/30/2026 16:00	25.3	31.5	12.72518667	1.002088539	12.74938672	4.4	10.9	5.5	6.9	21	0.0168	
1/30/2026 16:15	26	31.3	12.70770664	1.001631677	12.83822009	4.4	11.5	5.6	7	22.3	0.018	
1/30/2026 16:30	28.4	27.2	12.69479319	1.002890933	12.67472668	3.8	10.3	4.9	6	21.4	0.0145	
1/30/2026 16:45	34.1	22	12.66613998	1.000690524	12.10223325	3.5	9.4	4.5	5.7	18.2	0.0142	
1/30/2026 17:00	34.8	21.3	9.59691	0.991227508	11.70454979	3.3	8.9	4.3	5.4	17.4	0.015	