SITE OBSERVATION REPORT – RAWP Implementation – Day 38

LANGAN

PROJECT No.:	170390001	**CLIENT:**		**DATE:**	Monday, March 10, 2025
PROJECT:	141 3rd Street			**WEATHER:**	Sunny, 44-67 ^{0}F Wind: WSW @ 9 – 13 mph
LOCATION:	Brooklyn, New York		Third Street Owner LLC and 155 Third St., LLC	**TIME:**	7:00 a.m. – 2:00 p.m.
BCP SITE ID:	C224336			**MONITOR:**	Adam R. Spaulding

EQUIPMENT:	**PRESENT AT SITE:**
Hyundai HX520L Excavator Komatsu PC490LC EXCAVATOR LB46-410 Drilling Rig LRB- 355.i Drilling Rig	**Langan**: Adam R. Spaulding **Monadnock**: John Henry **New Leaf (Development/Drilling Contractor)**: Joe Sullivan, Jose Gomez **NYSDEC:** Christopher DiSclafani (WSP)

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 2024, and Remedial Design Document (RDD) for In-Situ Stabilization/Solidification (ISS) dated 5 April 2024.

Remedial Action Work Summary:

Work Activities Performed Onsite

- New Leaf began to remobilize equipment for ISS implementation and replaced covers over existing stockpiles.
- No ground-intrusive activity occurred on site during the work day.
- 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 and no further action was required.

ISS Work Performed Onsite

- New Leaf began setting up and performing maintenance on the Hyundai HX520L excavator, the Liebherr 35 drill rig and additional on-site equipment in anticipation of full-scale ISS implementation.

Sampling

- No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

- Community air monitoring was not implemented due to a lack of ground-intrusive work performed throughout the workday. Fugitive dust or odors were not observed migrating from the site.

Material Tracking

- No material was exported from site.
- 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	**4**
		Quantity (tons)	0	**89.95**
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**

Drums

- One 55-gallon drum containing purged groundwater and DNAPL is staged in the southern part of the site.
- One 55-gallon drum containing truck wash water is staged in the central part of the site.
- One 55-gallon drum containing purged groundwater is staged in the southern part of the site.

Anticipated Activities

- New Leaf will continue to remobilize and prepare equipment for ISS implementation.

SITE PHOTOGRAPHS:

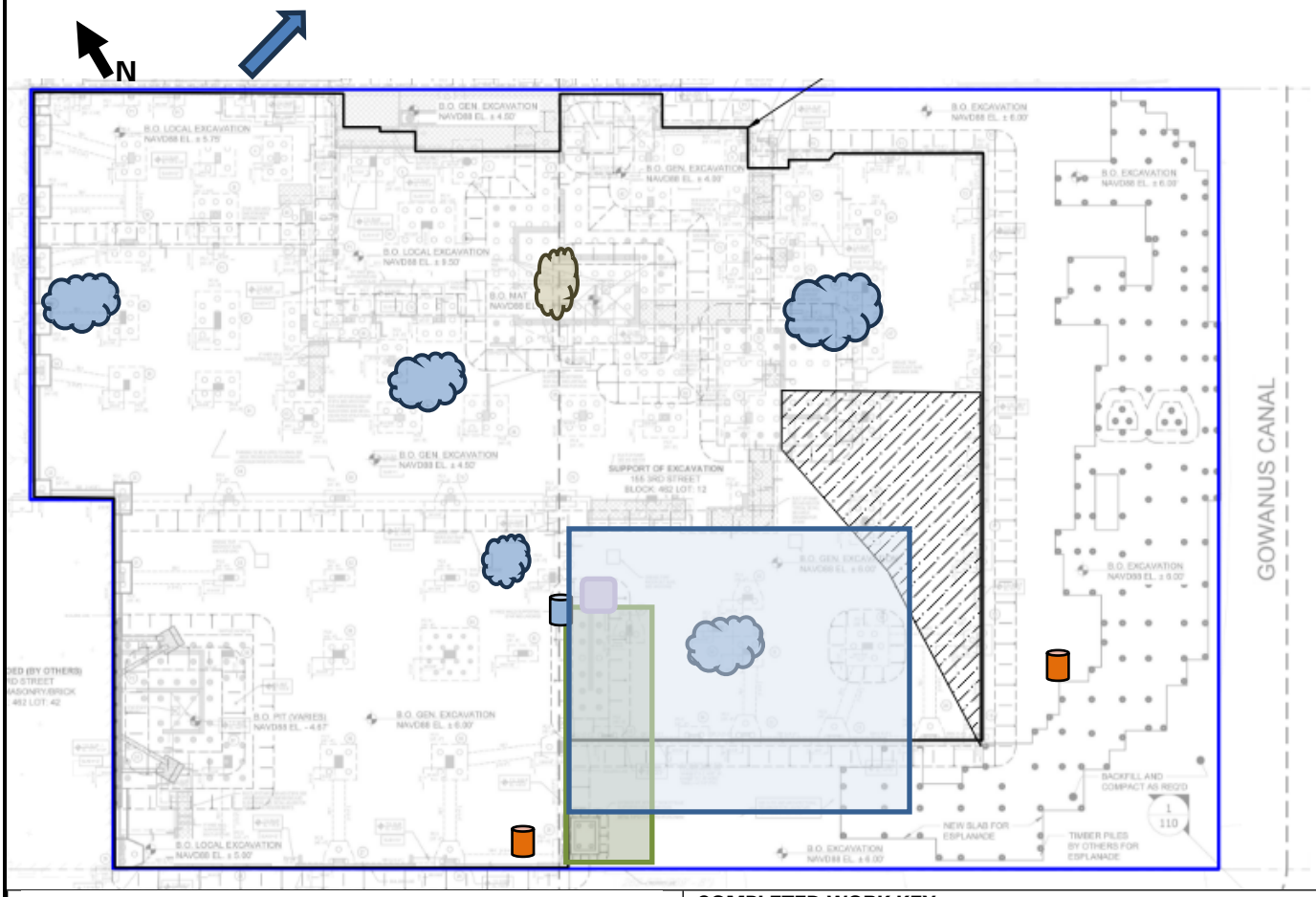


Photo 1: New Leaf performance equipment maintenance in the southern part of the site (facing south)



Photo 2: New Leaf replacing covers on existing stockpiles (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)

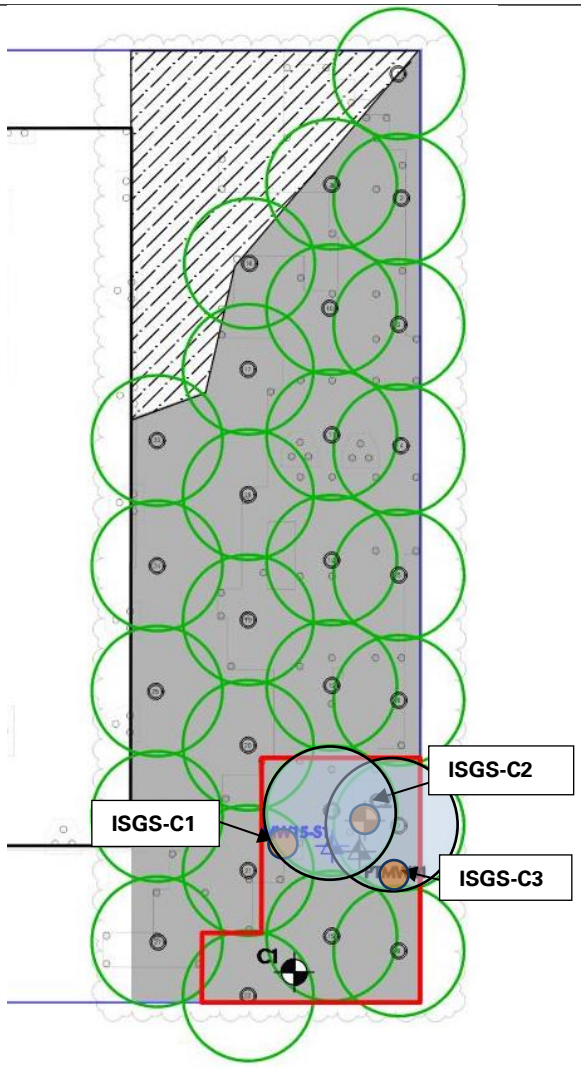
COMPLETED WORK KEY

- Approximate work area
- U — Approximate location of upwind CAMP station
- D — 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 - ISGS PROGRESS MAP

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LEGEND:

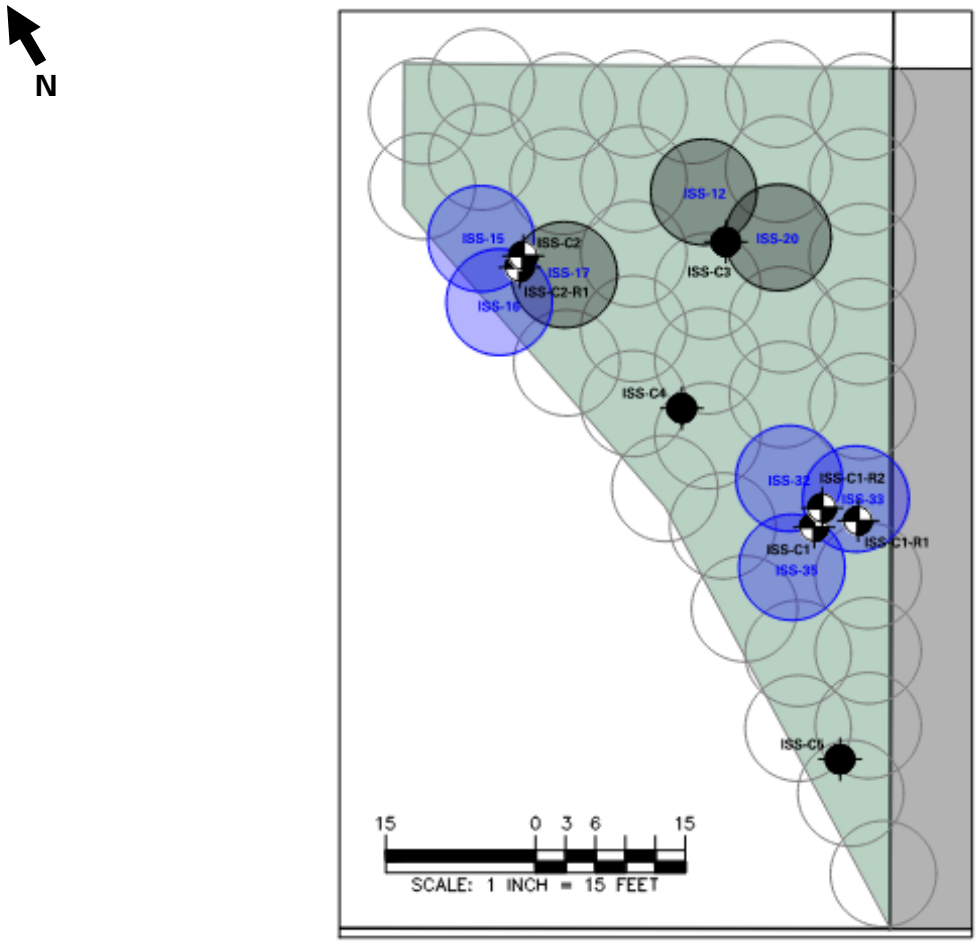
- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISGS AREA BETWEEN EL. -19± TO EL. -23±
- APPROXIMATE PROPOSED EXTENT OF ISGS SUPPORT/LAYDOWN AREA
- APPROXIMATE PROPOSED TEMPORARY DIRECT-PUSH INJECTION POINT LOCATION
- APPROXIMATE ROI (13-FOOT RADIUS, 25-FOOT SPACING)
- C1 — APPROXIMATE PROPOSED PILOT TEST QA/QC CORE LOCATION
- APPROXIMATE ISGS PILOT TEST AREA
- MW15-S1 — EXISTING MONITORING WELL LOCATION
- PTWM01 — PROPOSED MONITORING WELL LOCATION

COMPLETED WORK KEY

- ISGS injection point completed today
- ISGS injection point previously completed
- Core location completed today
- Core location previously completed

Base map includes Figure 2 – Project Implementation Plan In-Situ Stabilization/Solidification, prepared by Roux Environmental and Geology, D.P.C, dated October 2024

FIGURE 3 - ISS PROGRESS MAP:



LEGEND:

- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE EXTENT OF ISS SUPPORT/LAYDOWN AREA
- APPROXIMATE EXTENT OF ISS IMPLEMENTATION AREA
- ISS-C1 — APPROXIMATE COMPLETED CORE LOCATION
- ISS-C3 — APPROXIMATE PROPOSED CORE LOCATION

COMPLETED WORK KEY

- Completed ISS Pilot Test Columns
- Columns to be re-mixed
- Completed Full-Scale ISS Columns
- ISS Columns mixed today
- Columns to be drilled tomorrow
- Collected core today
- Previously collected sample location

Base map includes Figure 2 – ISS Plan from the ISS Pilot Test Results Letter, prepared by Langan, dated March 5, 2025

TABLE 1 - ISS PROGRESS TABLE:

ISS Column ID	Coordinates (N, E)	Column Diameter (ft)	No. of Column Passes	Bottom Elevation of Column	Approximate Volume Treated (CY)	Sampled
ISS-20	98.87, 221.23	10.6	-	-26.5±	-	Yes
ISS-12	103.418, 213.788	10.6	-	-21.5±	-	Yes
ISS-16	92.59, 193.29	10.6	1	-26.5±	316	Yes
ISS-17	95.14, 199.81	10.6	1	-26.5±	402	Yes
ISS-15	98.75, 191.97	10.6	1	-26.5±	402	Yes
ISS-35	65.47, 222.59	10.6	2	-26.5±	375	Yes
ISS-32	74.47, 222.33	10.6	2	-26.5±	339	Yes
ISS-33	74.47, 229.01	10.6	2	-26.5±	402	Yes

1. Coordinates were measured in northing and eastings from the project datum.