SITE OBSERVATION REPORT – ISGS Pilot Test Work Plan Implementation – Day 6

LANGAN

PROJECT No.:	170390001	**CLIENT:**	**DATE:**	Tuesday, 22 October 2024
PROJECT:	141 3rd Street	Third Street Owner LLC and 155 Third St., LLC	**WEATHER:**	Sunny, 62-80 ^{0}F Wind: W @ 3-6 mph
LOCATION:	Brooklyn, New York		**TIME:**	07:00 a.m. – 12:15 p.m.
BCP SITE ID:	C224336		**MONITOR:**	Adam R. Spaulding

EQUIPMENT:
Peristaltic Pump
Solinst Oil-Water Interface Probe
Photoionization Detector
Hand Tools

PRESENT AT SITE:
Langan: Adam R. Spaulding
Monadnock: John Henry
New Leaf (Development/ Drilling Contractor): Joe Sullivan

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:
Langan was onsite to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved In-Situ Geochemical Stabilization (ISGS) Pilot Test Work Plan dated 9 September 2024.

Site Activities

- Langan used an interface probe to screen for the presence of dense non-aqueous phase liquid (DNAPL) in monitoring well PTMW01 and a photoionization detector (PID) to screen the monitoring well headspace. The headspace of the monitoring well was recorded at 15 parts per million (ppm) and about 2.5 feet of DNAPL was measured within the well sump.
- Due to mechanical issue with the peristaltic pump, no DNAPL was removed from PTMW01. A replacement peristaltic pump will be delivered tomorrow, 10/23/2024, for DNAPL removal.
- New Leaf began to survey the in-situ soil stabilization/solidification (ISS) equipment storage area in preparation for equipment mobilization.

Sampling

- None

Community Air Monitoring Plan (CAMP) Activities

- No soil intrusive activities occurred; therefore CAMP was not implemented.

Material Tracking

- One 55-gallon drum containing purged groundwater and DNAPL is staged in the east-central part of the site.
- Two 55-gallon drums containing decontamination fluid and purged groundwater are staged in the east-central part of the site.
- Six 55-gallon drums containing soil cuttings are staged in the eastern part of the site.
- One 55-gallon drum containing soil cuttings is staged in the southern part of the site.

Anticipated Activities

- Langan will return tomorrow to remove DNAPL from monitoring well PTMW01.
- New Leaf will begin mobilizing equipment.

SITE PHOTOGRAPHS:



Photo 1: View of New Leaf surveying the ISS equipment storage area in the central part of the site (facing northwest)

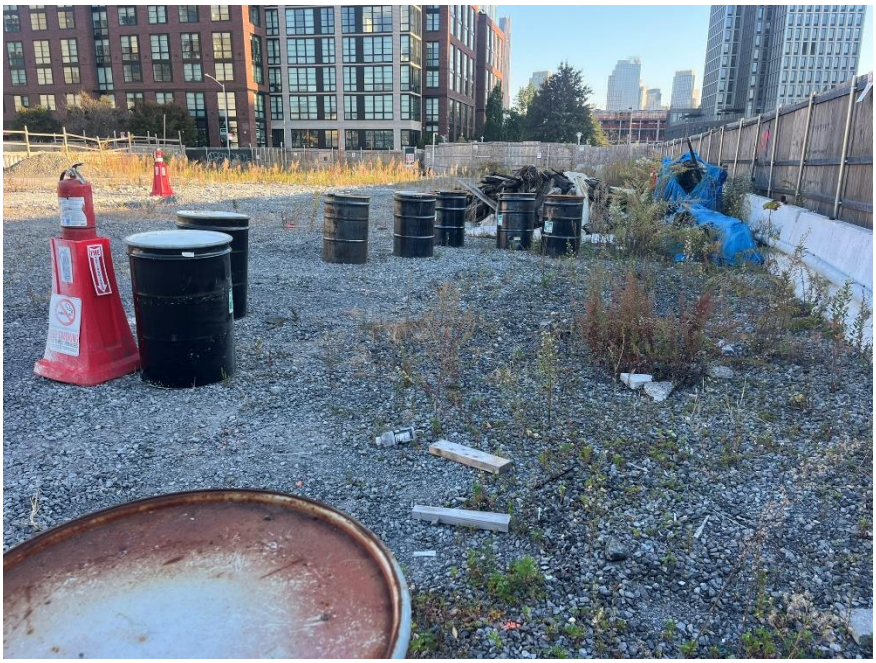
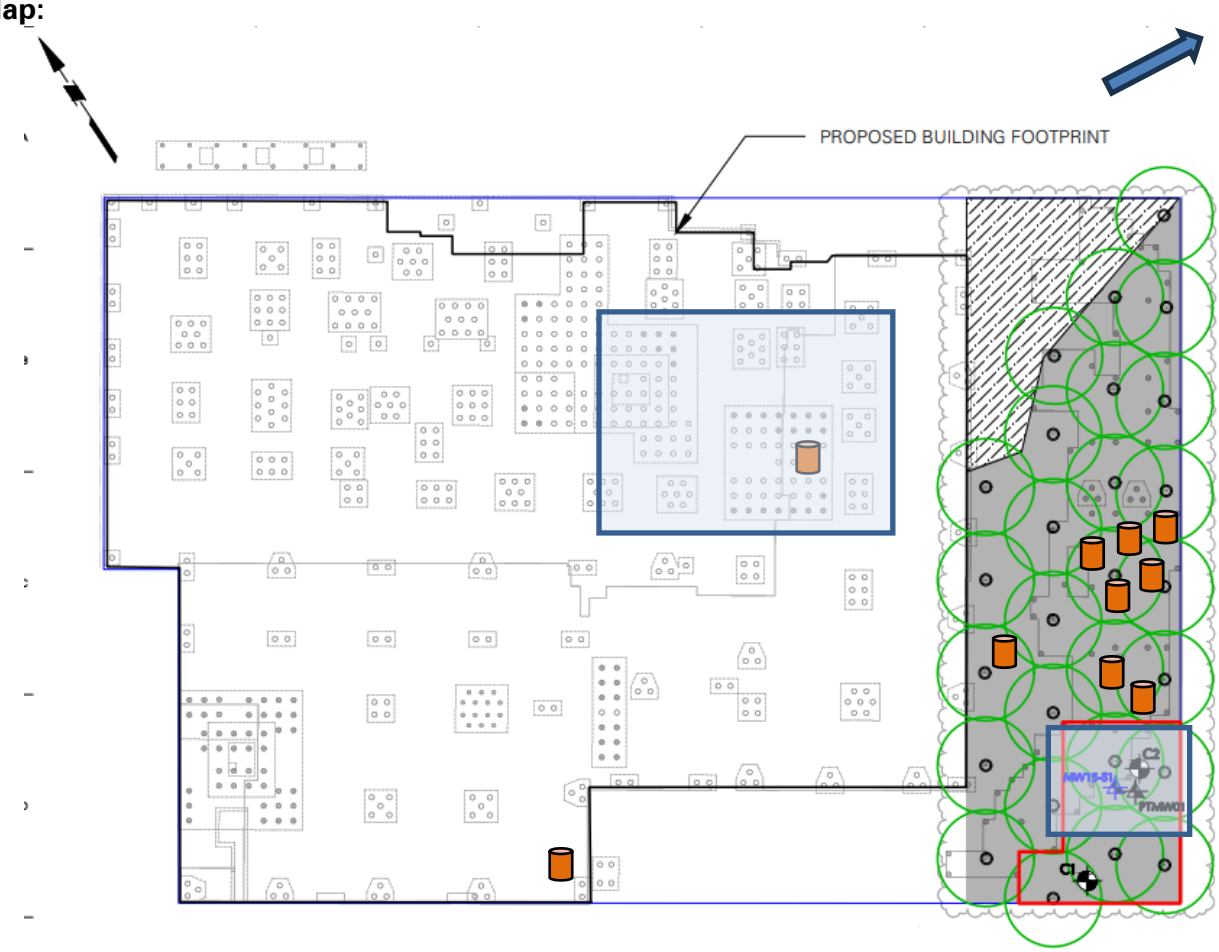


Photo 2: View of the drum staging area in the eastern part of site (facing north)

Site Map:



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

- Approximate work area
- Approximate location of upwind CAMP station
- Approximate location of downwind CAMP station
- Approximate location of drum
- Approximate wind direction

Base map prepared by Dattner Architects, dated 3/12/2024