SITE OBSERVATION REPORT – ISGS Monitoring Well Installation – Day 1

LANGAN

PROJECT No.:	170390001	**CLIENT:**	**DATE:**	Wednesday, 25 September 2024
PROJECT:	141 3rd Street	Third Street Owner LLC and 155 Third St., LLC	**WEATHER:**	Cloudy, 65-99 ^{0}F Wind: E @ 7-13 mph
LOCATION:	Brooklyn, New York		**TIME:**	6:45 a.m. – 3:30 p.m.
BCP SITE ID:	C224336		**MONITOR:**	Lisa Cristiano

EQUIPMENT: Geoprobe 6601DT Hand Tools	**PRESENT AT SITE:** **Langan**: Lisa Cristiano **Lakewood:** Adam Hutchinson, Mike Kolasinski **Monadnock**: John Henry

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 Pilot Test Work Plan dated 9 September 2024.

Site Activities

- Lakewood attempted to advance monitoring well PTMW01 in the southeastern part of the site with a Geoprobe 6601DT. Lakewood hit refusal at about 6 feet below grade surface (bgs) due to a large obstruction in that area. This obstruction was also encountered at several step-off attempts. Therefore, the installation of the monitoring well was not completed.

Sampling

- None

Community Air Monitoring Plan (CAMP) Activities

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at upwind and downwind perimeters of the work area during ground-intrusive activities. The 15-minute time-weighted average (TWA) action levels for VOCs and PM10 were not exceeded during the monitoring period.

Anticipated Activities

- Langan will return to complete the monitoring well installation.

SITE PHOTOGRAPHS:

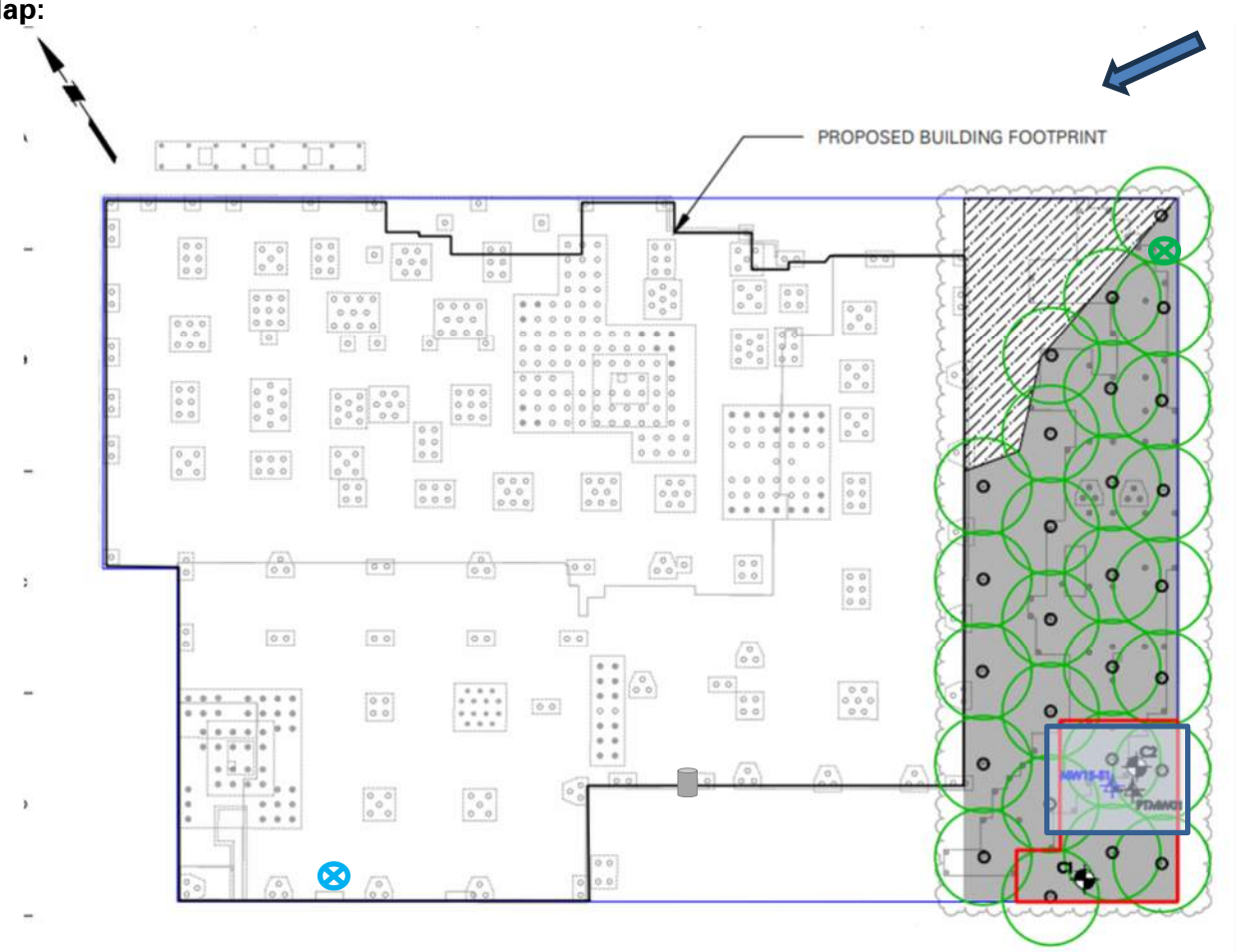


Photo 1: View of Lakewood attempting to advance PTMW01 (facing northeast)



Photo 2: View of the downwind CAMP station (facing west).

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 wind Direction

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

LANGAN

141 3rd Street
170390001
CAMP Data Summary

Date: 9/25/2024
Start: 7:24
End: 15:13
Observer: Lisa Cristiano

UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.001	0.013
Minimum 15min Average	0.000	0.009
Maximum 15min Average	0.007	0.016
Exceedance (15min >.15)	NA	0
Minimum 1min Reading	0.000	0.011
Maximum 1min Reading	0.015	0.039

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise

Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.0
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.0	0.0
Exceedance (15min >5)	NA	0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.0	0.0

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise

