

CLIENT: Orange Management Inc.	DATE: Wednesday, May 18, 2022
PROJECT No.: 170698601	WEATHER: Partly cloudy, 60-70 °F, Wind: 10-20 mph WNW
PROJECT: Third Street Gowanus	TIME: 06:45 – 18:30
LOCATION: 125 Third Street, Brooklyn, New York	BCP SITE No.: C224346
EQUIPMENT: Soilmeco SM20 Drill Rig Grout Mixer Excavator MiniRAE 3000 Photoionization Detector (3) TSI DustTrak II (2)	PRESENT AT SITE: Langan: Caleb Bogin and Kate Marino, PE Allstate 12: Jaydev Sonani Orange Management Inc.: Andrew Bradfield Sterling Town Equities LLC: Paul Amit Quality Solutions: Woody Brown

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was at the site to document soil/fill management and implementation of the November 2021 Soil/Fill Management Plan during initial foundation construction, as required by the New York State Department of Environmental Conservation (NYSDEC) for Brownfield Cleanup Program (BCP) Site No. C224346.

Site Activities

- Allstate 12 excavated an approximately 7-foot by 5-foot area to about 2 feet below grade surface (bgs) in the southern part of the site to create a temporary drilling fluid collection sump. The temporary sump and surrounding area were lined/covered with 20-millimeter-thick polyethylene sheeting. Excavated soil/fill consisted of sand with varying amounts of construction and demolition (C&D) debris and gravel. Visual, olfactory, and photoionization detector (PID) evidence of contamination was not observed. Allstate 12 containerized the soil/fill in three 55-gallon drums that were staged in the southwestern part of the site, pending waste characterization and off-site disposal.
- Allstate 12 installed one foundation pile (P-1) in the southern part of the site to about 69 feet bgs using a Soilmeco SM20 drill rig. Soil cuttings consisted of sand with varying amounts of gravel. Visual, olfactory, and PID evidence of contamination was not observed. Allstate 12 containerized the soil in one 55-gallon drum that was staged in the southwestern part of the site, pending waste characterization and off-site disposal.
- Municipally-supplied water was used during pile installation and recirculated to facilitate installation of the pile. Excess water generated during pile installation was collected in the sump and pumped into a settling tank in the southern part of the site.
- Quality Solutions issued a stop work order at 09:15 because of improper signage at the site. The stop work order was lifted at 10:45 when Allstate 12 placed appropriate signs on the construction fence at the site.

Soil/Fill Import and Export Tracking

- No soil/fill was imported or exported.

Cc: D. Stammers, C. Bogin, R. Manderbach, L. Ford, A. Alzamora, S. Day	By: Kate Marino, PE
	Langan Engineering, Environmental, Surveying Landscape Architecture and Geology, D.P.C.

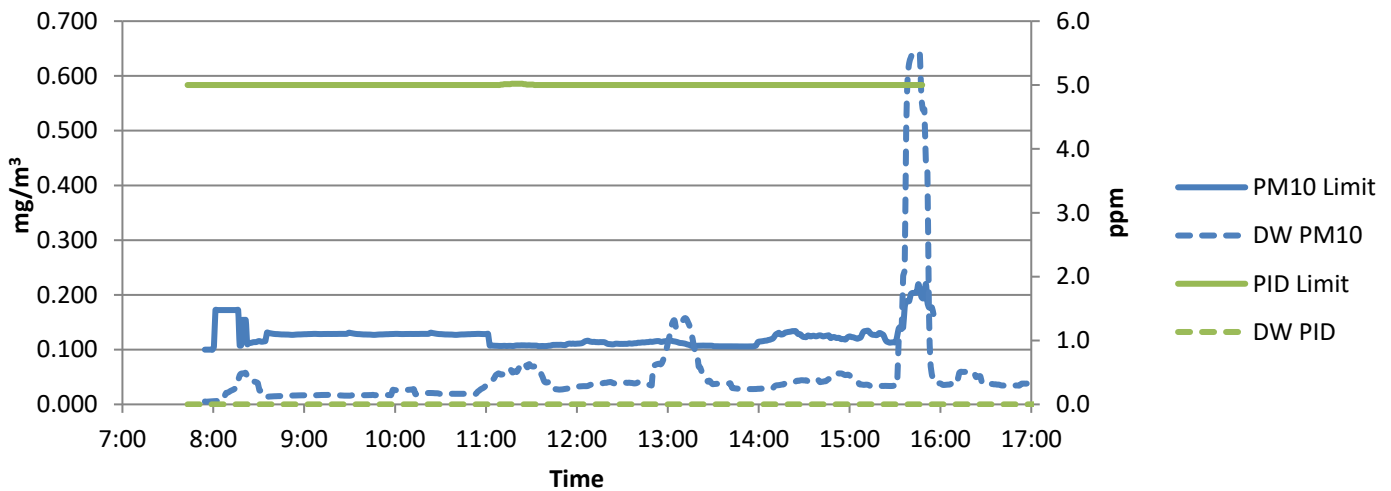
Sampling

- No samples were collected.

CAMP

- Langan conducted continuous air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive activities. VOC action levels were not exceeded during the monitoring period. PM10 action levels were exceeded between 13:01 and 13:16, and 15:35 to 15:51 because the downwind station was in close proximity to work area; however, no fugitive dust was observed leaving the work area or migrating off-site. Recorded air monitoring data is presented on the following graph:

Air Monitoring Data Summary



mg/m³ = milligrams per cubic meter
 ppm = parts per million
 DW = downwind

Anticipated Activities

- Allstate 12 will drill a second foundation pile (P-2) in the northern part of the site.

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SITE PHOTOGRAPHS



Photo 1: Allstate 12 excavating temporary sump and placing soil/fill into drums (facing east)









Photo 2: Polyethylene sheeting-lined sump at P-1 and settling tank (facing north)

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SITE MAP



Legend:

-  Site Boundary
-  Air Monitoring Station
-  Foundation Pile
-  Temporary Sump
-  Drum Location
-  Settling Tank

Notes:

1. Base map adapted from Architectural Survey prepared by AAA Group R.R Services, Inc. dated August 7, 2021
2. Locations are approximate.

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