

SITE OBSERVATION REPORT

PROJECT No.: 170552901	CLIENT: SPG Boerum LLC	DATE: Wednesday, December 21, 2022
PROJECT: 159 Boerum Street		WEATHER: Partly Cloudy, 30-40 °F Wind: N @ 0.5-1.6 mph
LOCATION: Brooklyn, NY		TIME: 5:45 am to 3:45 pm
CONTRACTOR: SD Builders		LANGAN REP. : Lauren Roper

CONTRACTOR'S EQUIPMENT: Hitachi ZX 160LC Excavator Deere 300G Excavator Kubota SVL65-2 Skid Steer Deere 135G Excavator	PRESENT AT SITE: Lauren Roper – Langan Kevin Grey– SD Builders - General Contractor Lucas Alvarez - Rise Concrete (Rise) – Foundation Contractor
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OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224291 at 159 Boerum Street (Block 3071, Lot 40). Observed activities were as follows:

Site Activities

- Rise excavated the following areas to about 9 feet below grade surface (bgs) for support of excavation (SOE) installation:
 - An about 20-foot-long by 15-foot-wide area in the northern part of the site
 - An about 20-foot-long by 30-foot-wide area in the western part of the site

Excavated material consisted of non-hazardous fill and was screened for odors, staining, and organic vapors using a photoionization detector (PID); evidence of impacts was not observed. Excavated fill was live-loaded into permitted tri-axel trucks for off-site disposal.
- Rise excavated two about 5-foot-long by 5-foot-wide areas to about 16 feet bgs in the southeastern parts of the site for SOE underpinning installation. Excavated material consisted of native soil and was screened for odors, staining, and organic vapors using a PID; evidence of impacts was not observed. The excavated soil was subsequently backfilled to its original location to be removed at a later date.

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Material Tracking

- No material was imported to the site.
- 33 truckloads (approximately 660 cubic yards [CY]) of non-hazardous fill (waste characterization grids WC05_COMP_0-20, WC06_COMP_0-20) were exported to the Bayshore Soil Management facility in Kearsbey, New Jersey for off-site disposal.

Materials Import Summary			
Facility	Imported	Today	Total
Allocco Recycling, Inc. Brooklyn, NY ¾-inch RCA	No. Loads	0	45
	Quantity (CY)	0	900
	NYSDEC Approved Quantity (CY)		1,000

Materials Export Summary			
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ Lead Contaminated Soil	No. Loads	0	14
	Quantity (CY)	0	280
Bayshore Soil Management Kearsbey, NJ Non-Hazardous Fill/Soil	No. Loads	33	286
	Quantity (CY)	660	5,720
Clean Earth of North Jersey Kearny, NJ Hazardous Lead Historic Fill	No. Loads	0	5
	Quantity (CY)	0	125

Sampling

- No samples were collected.

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CAMP Activities

Langan performed on-site air monitoring during ground-intrusive activities for particulate matter smaller than 10 microns in diameter (PM10) or volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

- One-minute average concentrations of PM10 and VOCs were not recorded at the downwind monitoring station from 14:46 to 15:02 due to a relocation of the station. Work was paused during this time and fugitive dust and odors were not observed.

Particulate Monitoring (mg/m ³)			Organic Vapor Monitoring (ppm)		
Daily background	0.022		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.022	0.015	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.042	0.042	Maximum 15-min Average	0.5	0.1
Minimum 1-min Instant Reading	0.000	-0.001	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.088	0.060	Maximum 1-min Instant Reading	1.0	0.2

mg/m³ = milligrams per cubic meter

ppm = parts per million

NA = Not Available

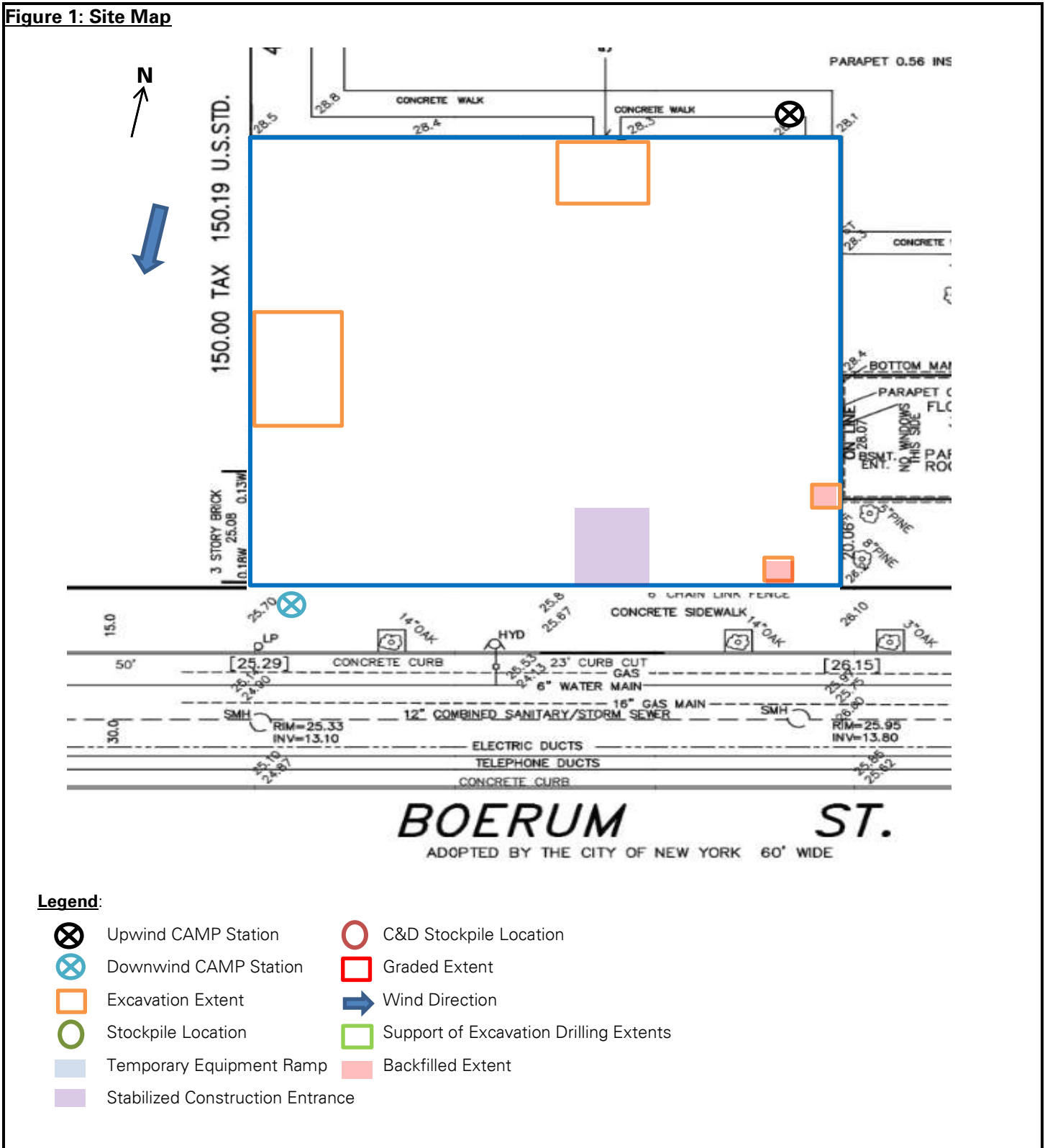
Anticipated Activities

- Rise will export non-hazardous fill/soil for off-site disposal.
- Rise will install SOE elements along the site boundaries.

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Figure 1: Site Map



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SITE PHOTOGRAPHS



Photo 1: View of Rise live-loading non-hazardous fill into permitted tri-axle trucks for off-site disposal (facing south).



Photo 2: View of Rise excavating native soil for SOE underpinning installation in the southeastern part of the site (facing east).

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Photo 3: View of typical secured tarp for trucks transporting non-hazardous fill to disposal facility (facing east).

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