

SITE OBSERVATION REPORT

PROJECT No.: 170552901 PROJECT: 159 Boerum Street LOCATION: Brooklyn, NY	CLIENT: SPG Boerum LLC	DATE: Tuesday, November 22, 2022 WEATHER: Sunny, 36-51 °F Wind: WNW @ 1.1-4.3 mph TIME: 6:45 am to 3:30 pm
CONTRACTOR: SD Builders		LANGAN REP. : Seyena Simpson
CONTRACTOR'S EQUIPMENT: Hitachi ZX 160LC Excavator Deere 300G Excavator Casagrande C9 Drill Rig Kubota SVL65-2 Skid Steer	PRESENT AT SITE: Seyena Simpson – Langan Kevin Grey – SD Builders - General Contractor Lucas Alvarez - Rise Concrete (Rise) – Foundation Contractor Able Siquij – Anel Queens Construction Inc. (Anel) – Drilling Contractor Department of Buildings (DOB)	
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 <ul style="list-style-type: none"> • Rise excavated an about 18-foot long by 8-foot wide area to about 8 to 10 feet below grade surface (bgs) in the southwestern part of the site for support of excavation (SOE) lagging installation. 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. The excavated fill was subsequently backfilled to its original location and will be removed at a later date. • Rise relocated previously graded non-hazardous fill from the northern part of the site to the southeastern part of the site in preparation for future off-site disposal. The fill was stockpiled on top of polyethylene sheeting and covered at the end of the work day. • Rise excavated an about 25-foot long by 25-foot wide area to about 8 feet bgs in the eastern part of the site for remedial excavation. Excavated material consisted of non-hazardous fill and was screened for odors, staining, and organic vapors using a PID; evidence of impacts was not observed. The excavated fill was added to an existing stockpile in the southeastern part of the site in preparation for future off-site disposal. • Anel used a Casagrande drill rig to install soldier piles along the northern and southern site boundaries to a maximum depth of 30 feet bgs. 		
Cc:	L. Haley, K. Semon, B. Gochenaur (Langan)	By: Seyena Simpson LANGAN

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Material Tracking

- No material was imported to the site.
- No material was exported from the site.

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

Sampling

- No samples were collected.

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.

Particulate Monitoring (mg/m ³)			Organic Vapor Monitoring (ppm)		
Daily background	0.082		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.082	0.023	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.528	0.046	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.018	0.016	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	1.228	0.078	Maximum 1-min Instant Reading	0.0	0.0

mg/m³ = milligrams per cubic meter

ppm = parts per million

NA = Not Available

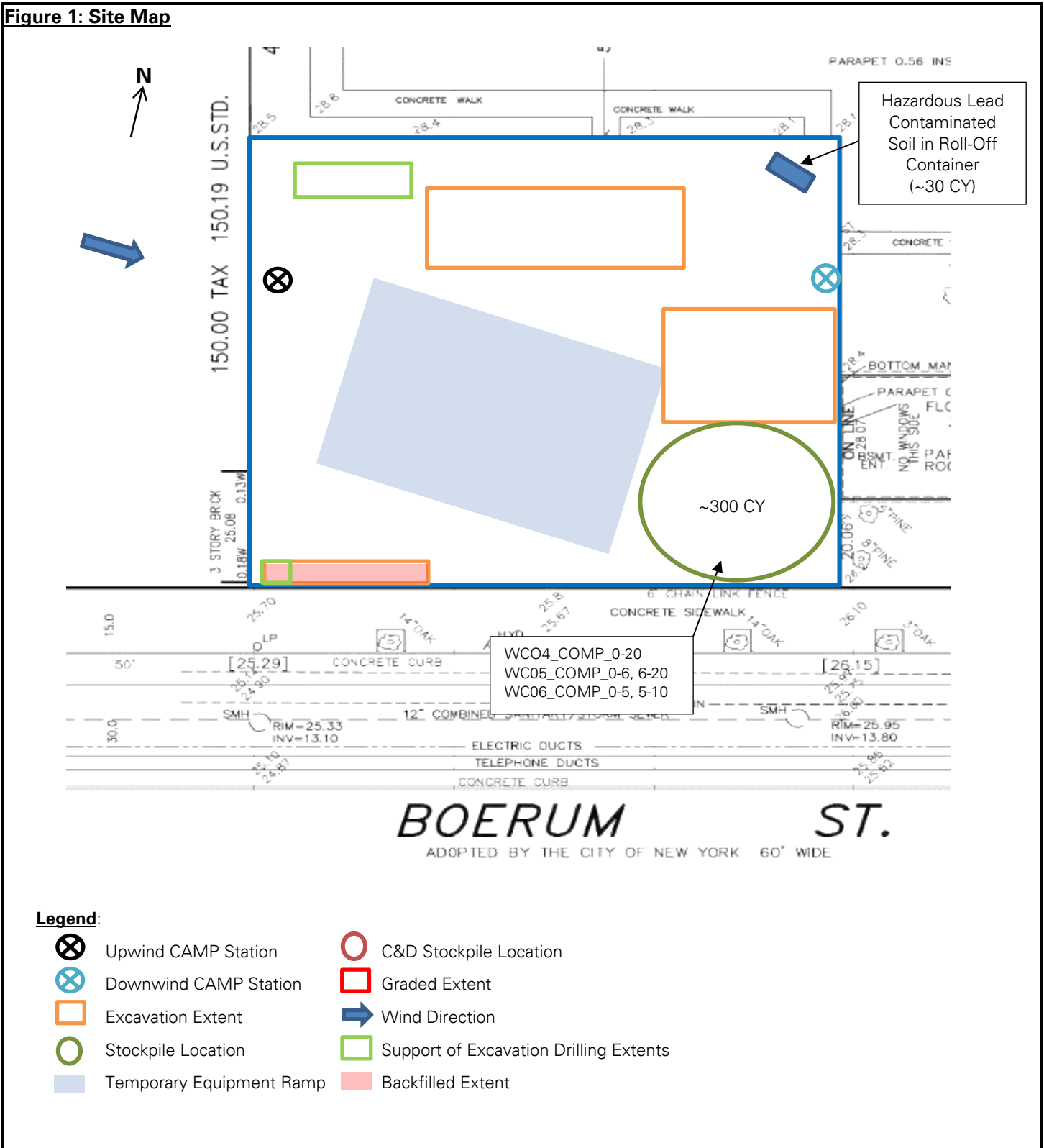
Anticipated Activities

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

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Figure 1: Site Map



Cc:	L. Haley, K. Semon, B. Gochenaur (Langan)	By:	Seyena Simpson LANGAN
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SITE PHOTOGRAPHS



Photo 1: View of Rise excavating non-hazardous fill in the southwestern part of the site for SOE lagging installation (facing west).



Photo 2: View of Rise stockpiling non-hazardous fill on polyethylene sheeting in the southeastern part of the site (facing northeast).

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