

SITE OBSERVATION REPORT

PROJECT No.: 170552901	CLIENT: SPG Boerum LLC	DATE: Tuesday, November 15, 2022
PROJECT: 159 Boerum Street		WEATHER: Sunny, 37-47 °F Wind: NNE @ 1.3-4.0 mph
LOCATION: Brooklyn, NY		TIME: 6:45 am to 5:00 pm
CONTRACTOR: SD Builders		LANGAN REP. : Lauren Roper

CONTRACTOR'S EQUIPMENT: Hitachi ZX 160LC Excavator Deere 300G Excavator Casagrande C9 Drill Rig Kubota SVL65-2 Skid Steer	PRESENT AT SITE: Lauren Roper – Langan James Hsu – SD Builders - General Contractor Lucas Alvarez - Rise Concrete (Rise) – Foundation Contractor Able Siquij – Anel Queens Construction Inc. (Anel) – Drilling 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

- Anel used a Casagrande drill rig to install soldier piles along the western site boundary to a maximum depth of 30 feet below grade surface (bgs).

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.

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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.

Particulate Monitoring (mg/m ³)			Organic Vapor Monitoring (ppm)		
Daily background	0.002		Daily Background	0.1	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.002	0.024	Daily Time Weighted Average	0.1	0.0
Maximum 15-min Average	0.007	0.060	Maximum 15-min Average	0.2	0.0
Minimum 1-min Instant Reading	0.000	0.000	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.019	0.389	Maximum 1-min Instant Reading	0.2	0.1

mg/m³ = milligrams per cubic meter
 NA = Not Available

ppm = parts per million

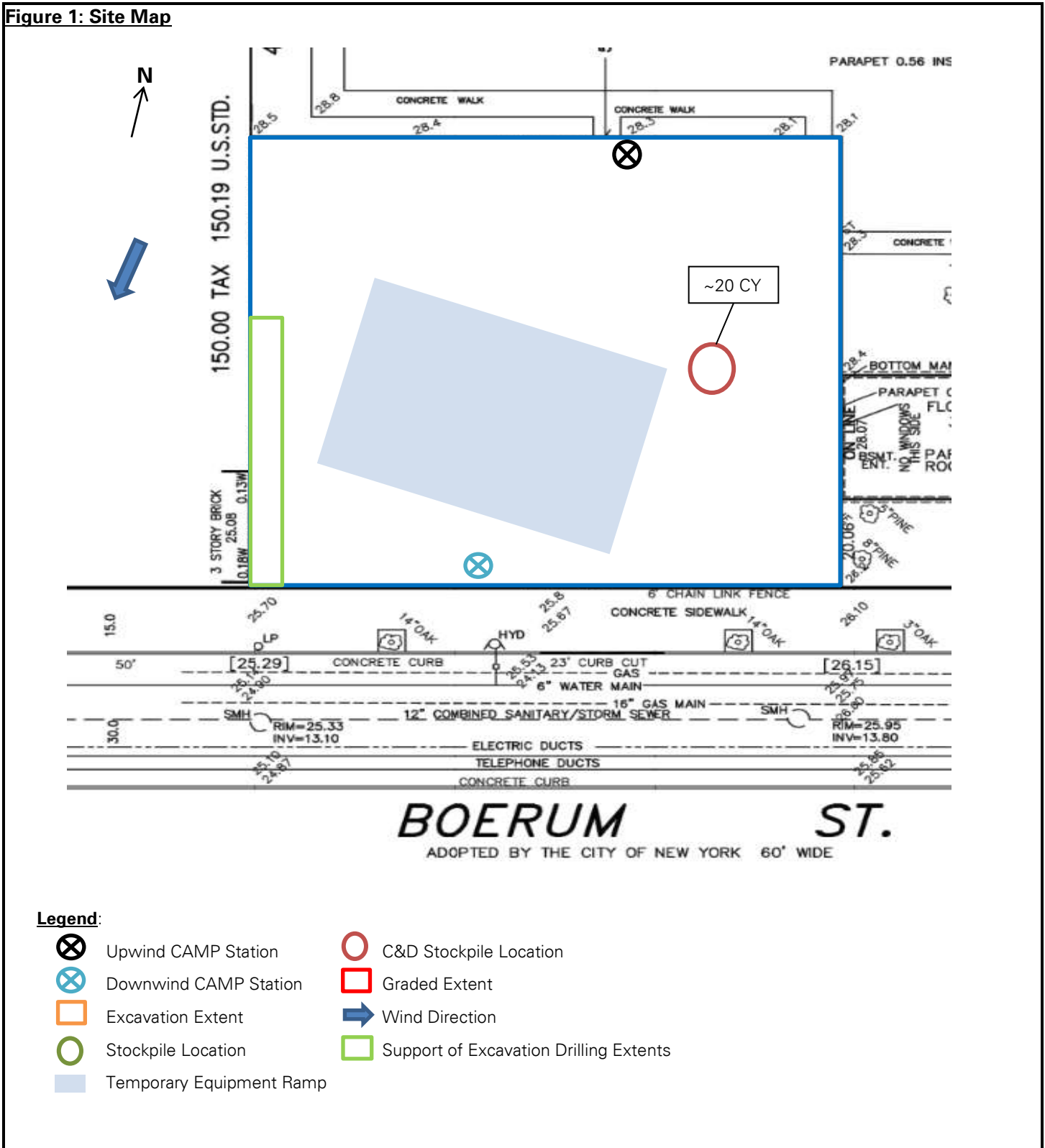
Anticipated Activities

- Anel will continue to install soldier piles along the western site boundary.
- Rise will excavate hazardous lead contaminated fill from the northeastern part of the site to store on-site in a polyethylene lined roll-off container for future off-site disposal.










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Figure 1: Site Map



Legend:

-  Upwind CAMP Station
-  Downwind CAMP Station
-  Excavation Extent
-  Stockpile Location
-  Temporary Equipment Ramp
-  C&D Stockpile Location
-  Graded Extent
-  Wind Direction
-  Support of Excavation Drilling Extents

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SITE PHOTOGRAPHS



Photo 1: Anel installing soldier piles along the western site boundary (facing north).

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