

SITE OBSERVATION REPORT

PROJECT No.: 170552901		DATE: Thursday, November 3, 2022
PROJECT: 159 Boerum Street	CLIENT: SPG Boerum LLC	WEATHER: Sunny, 52-67 °F Wind: NE @ 0.5-2.8 mph
LOCATION: Brooklyn, NY		TIME: 6:45 am to 3:00 pm
CONTRACTOR: SD Builders		LANGAN REP. : Lauren Roper
CONTRACTOR'S EQUIPMENT: Hitachi ZX 160LC Excavator Deere 300G Excavator Casagrande C9 Drill Rig	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	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:		
<p>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:</p>		
<p><u>Site Activities</u></p>		
<ul style="list-style-type: none"> • Rise used a Deere excavator to grade an about 10-foot-wide and 20-foot-long area in the southwestern part of the site to create a stable surface for machinery. Graded material consisted of non-hazardous historic fill and was screened for odors, staining, and organic vapors using a PID. Impacts were not observed. • Anel used a Casagrande drill rig to install soldier piles along the eastern site boundary to a maximum depth of 30 feet below grade surface (bgs). 		
<p><u>Material Tracking</u></p>		
<ul style="list-style-type: none"> • No material was exported from the site. • No material was imported to the site. 		
<p><u>Sampling</u></p>		
<ul style="list-style-type: none"> • No samples were collected. 		
Cc:	L. Haley, K. Semon, B. Gochenaur (Langan)	By: Lauren Roper LANGAN

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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). One-minute particulate readings were paused at the upwind station between 8:09am and 8:13am during calibration. Fifteen-minute average concentrations of VOCs or PM10 did not exceed action levels. Fugitive dust and odors were not observed leaving the site.

Particulate Monitoring (mg/m ³)			Organic Vapor Monitoring (ppm)		
Daily background	0.030		Daily Background	0.2	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.030	0.027	Daily Time Weighted Average	0.2	0.2
Maximum 15-min Average	0.091	0.088	Maximum 15-min Average	1.4	0.9
Minimum 1-min Instant Reading	0.000	0.000	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.550	0.093	Maximum 1-min Instant Reading	1.4	1.1

mg/m³ = milligrams per cubic meter

ppm = parts per million

NA = Not Available

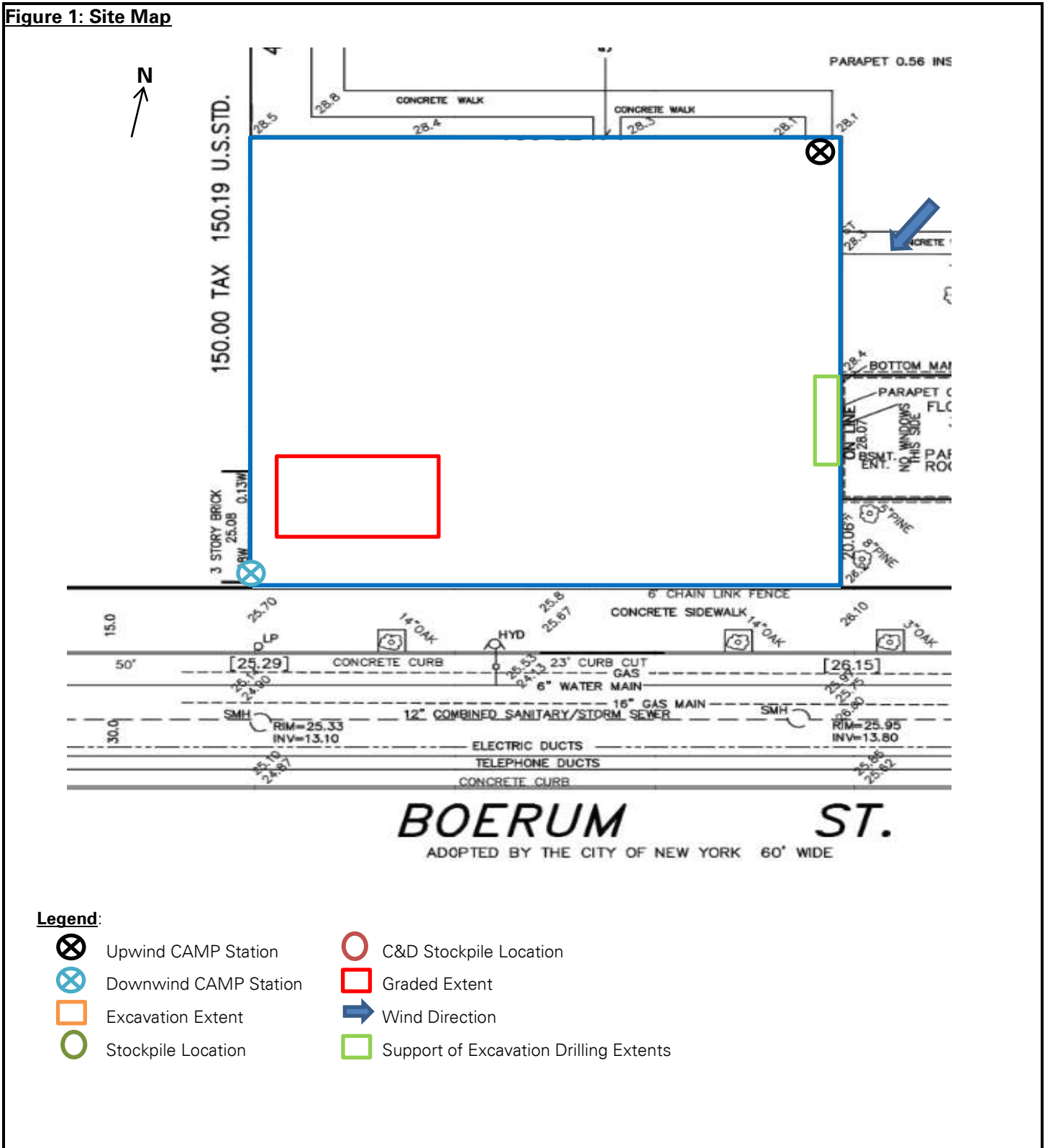
Anticipated Activities

- SD Builders will continue to drill soldier piles along the eastern site perimeter.









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Figure 1: Site Map



Legend:

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

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SITE PHOTOGRAPHS



Photo 1: View of Rise grading non-hazardous historic fill in the southwestern part of the site (facing north).

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