

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170552901  <b>PROJECT:</b> 159 Boerum Street  <b>LOCATION:</b> Brooklyn, NY	<b>CLIENT:</b> SPG Boerum LLC	<b>DATE:</b> Friday, December 30, 2022  <b>WEATHER:</b> Partly Cloudy, 42-60 °F Wind: SSW @ 1.2-3.5 mph  <b>TIME:</b> 6:45 am to 4:00 pm
<b>CONTRACTOR:</b> SD Builders		<b>LANGAN REP. :</b> Ali Reach
<b>CONTRACTOR'S EQUIPMENT:</b> Hitachi ZX 160LC Excavator Deere 300G Excavator Kubota SVL65-2 Skid Steer Deere 135G Excavator	<b>PRESENT AT SITE:</b> Ali Reach – Langan James Hsu – SD Builders - General Contractor Lucas Alvarez - Rise Concrete (Rise) – Foundation Contractor	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  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:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>• Rise excavated three about 5-foot-long by 5-foot-wide areas to about 16 feet below grade surface (bgs) in the southwestern part of the site for support of excavation (SOE) underpinning installation. Excavated material consisted of native soil and was screened for odors, staining, and organic vapors using a photoionization detector (PID); evidence of impacts was not observed. Excavated soil was backfilled to its original location to be removed at a later date.</li> <li>• Rise excavated an about 10-foot-long by 5-foot-wide areas to about 20 feet bgs in the northwestern part of the site for SOE lagging and 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. Excavated soil was backfilled to its original location to be removed at a later date.</li> <li>• Rise excavated and graded an about 25-foot-long by 20-foot wide area to about 13 feet bgs in the southeastern part of the site to create a stable working environment for machinery. Excavated material consisted of native soil and was screened for odors, staining, and organic vapors using a PID; evidence of impacts was not observed. Excavated native soil was added to the equipment ramp in the southern part of the site for future off-site disposal.</li> </ul> <b>Material Tracking</b> <ul style="list-style-type: none"> <li>• No material was imported to the site.</li> </ul>		
<b>Cc:</b>	L. Haley, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Ali Reach  <b>LANGAN</b>

## SITE OBSERVATION REPORT

- 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

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 Keasbey, NJ Non-Hazardous Fill/Soil	No. Loads	0	314
	Quantity (CY)	0	6,280
Clean Earth of North Jersey Kearny, NJ Hazardous Lead Historic Fill	No. Loads	0	5
	Quantity (CY)	0	125

### Sampling

- No samples were collected.

Cc:	L. Haley, K. Semon, B. Gochenaur (Langan)	By:	Ali Reach
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

### 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 VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

- Fifteen-minute average concentrations of PM10 and VOCs were temporarily stopped at the downwind monitoring station from 13:32 to 14:03 for a manual data download. Ground-intrusive activity did not occur during this time and fugitive dust and odors were not observed.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.093		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.093	0.068	Daily Time Weighted Average	0.0	0.2
Maximum 15-min Average	0.189	0.109	Maximum 15-min Average	0.0	0.3
Minimum 1-min Instant Reading	0.045	0.027	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.450	0.116	Maximum 1-min Instant Reading	0.0	0.4

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available

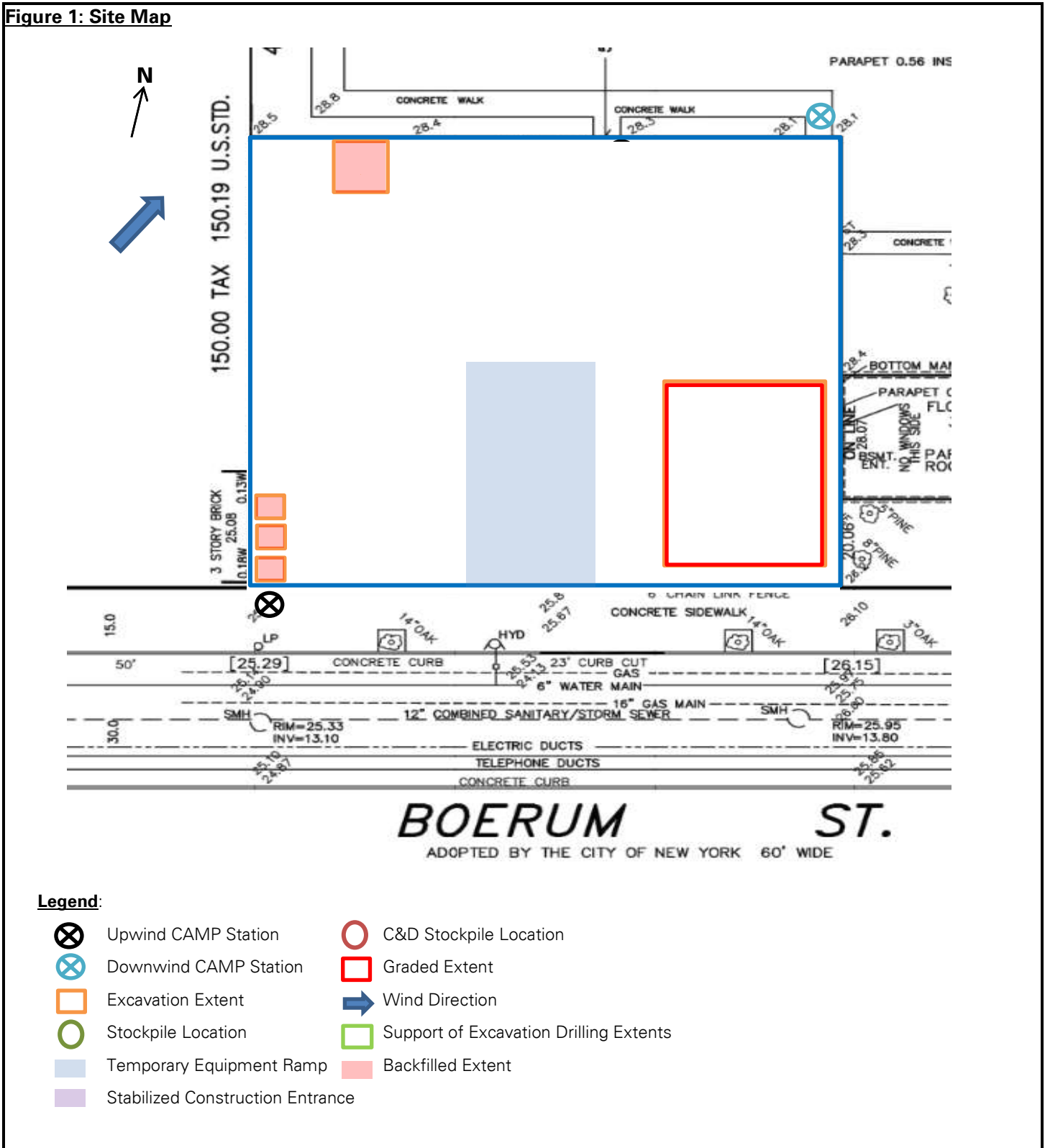
### Anticipated Activities

- Rise will install SOE elements along the site boundaries.

Cc:	L. Haley, K. Semon, B. Gochenaur (Langan)	By:	Ali Reach
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

Figure 1: Site Map



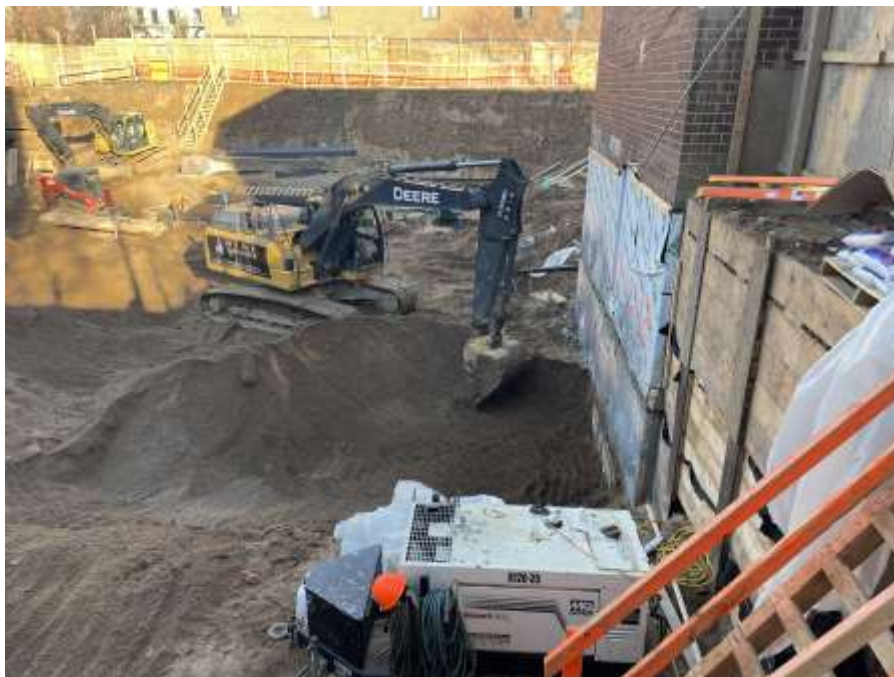
Cc:	L. Haley, K. Semon, B. Gochenaur (Langan)	By:	Ali Reach <b>LANGAN</b>
-----	---	-----	----------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Rise excavating native soil for SOE lagging installation in the northwestern part of the site (facing northwest).



**Photo 2:** View of Rise excavating native soil in the eastern part of the site to create a stable working environment for machinery (facing north).

Cc:	L. Haley, K. Semon, B. Gochenaur (Langan)	By:	Ali Reach
			<b>LANGAN</b>