

## 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> Monday, November 21, 2022  <b>WEATHER:</b> Partly Cloudy, 29-42 °F Wind: WSW @ 1.8-6.0 mph  <b>TIME:</b> 6:45 am to 3:30 pm
<b>CONTRACTOR:</b> SD Builders		<b>LANGAN REP. :</b> Lauren Roper
<b>CONTRACTOR'S EQUIPMENT:</b> Hitachi ZX 160LC Excavator Deere 300G Excavator Casagrande C9 Drill Rig Kubota SVL65-2 Skid Steer	<b>PRESENT AT SITE:</b> 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	
<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 graded an about 40-foot long by 20-foot wide area in the northern part of the site using previously stockpiled non-hazardous fill to create a level working surface for equipment.</li> <li>• Rise excavated an about 80-foot long by 7-foot wide area and an about 15-foot long by 10-foot wide area to about 5 to 6 feet below grade surface (bgs) in the southern and southeastern parts of the site, respectively, 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.</li> </ul>		
<b>Cc:</b>	L. Haley, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Lauren Roper  <b>LANGAN</b>

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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 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 <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.007		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.007	0.003	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.032	0.005	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	-0.004	0.000	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.182	0.006	Maximum 1-min Instant Reading	0.1	0.0

mg/m<sup>3</sup> = milligrams per cubic meter  
 NA = Not Available

ppm = parts per million

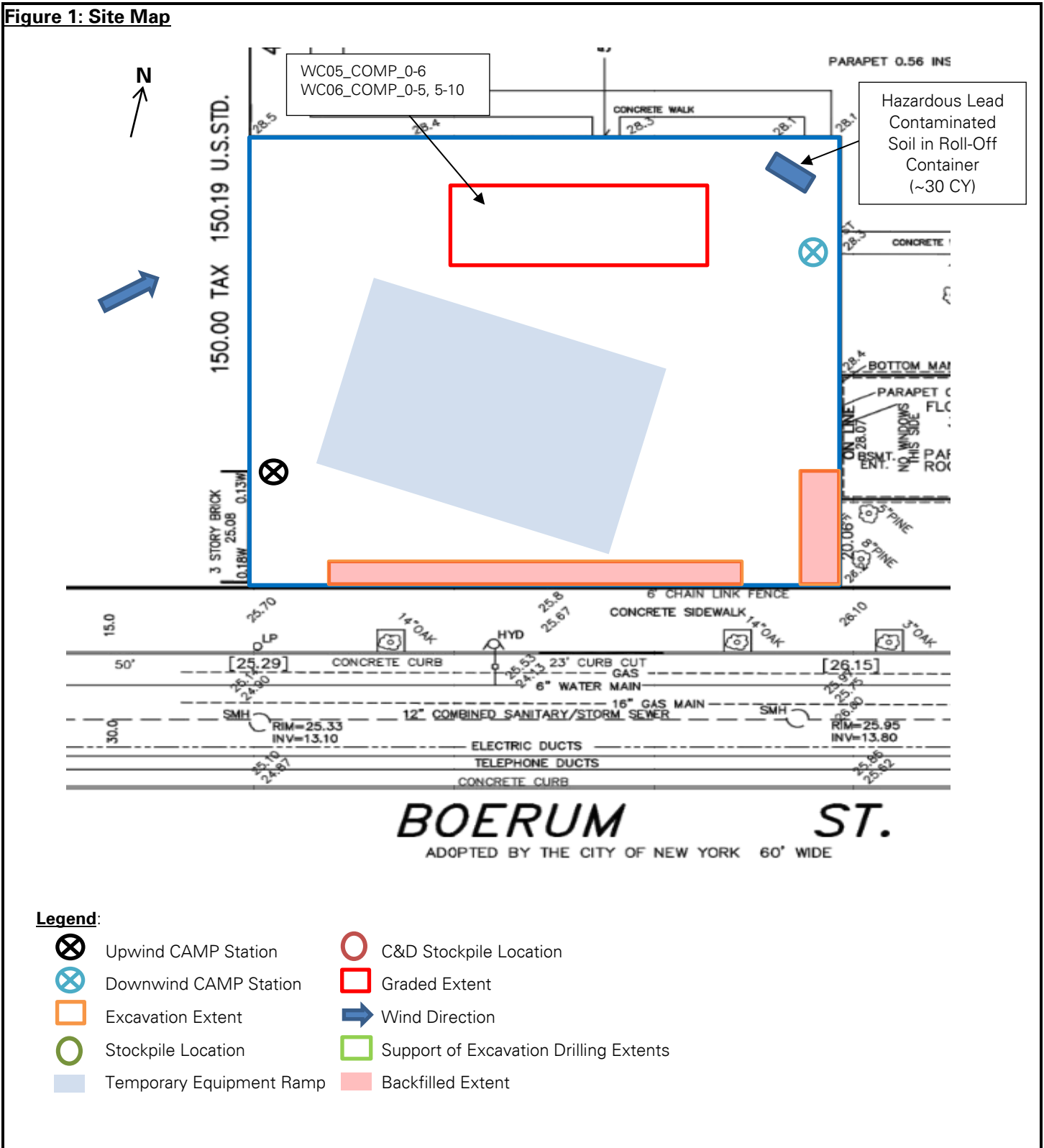
### Anticipated Activities

- Rise will install SOE elements in the southern part of the site.

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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
- Backfilled Extent

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### SITE PHOTOGRAPHS



**Photo 1:** View of Rise excavating non-hazardous fill in the southeastern part of the site (facing northeast).



**Photo 2:** View of Rise installing lagging along the southern site boundary (facing east).

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