

## 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, November 4, 2022  <b>WEATHER:</b> Overcast, 53-72 °F Wind: SSW @ 0.1-3.8 mph  <b>TIME:</b> 6:30 am to 5:30 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	<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>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).</li> </ul> <b>Material Tracking</b> <ul style="list-style-type: none"> <li>No material was exported from the site.</li> <li>No material was imported to the site.</li> </ul> <b>Sampling</b> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>		
<b>Cc:</b>	L. Haley, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Lauren Roper  <b>LANGAN</b>

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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). Particulate monitoring was not implemented until 11:09am due to inclement weather (i.e fog and high humidity). One-minute particulate and/or VOC concentrations were not recorded between 12:44pm to 12:58pm at both stations and between 1:19pm and 2:47pm at the downwind station due to server errors. The units were recalibrated and recordings resumed. 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 <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.018		Daily Background	0.1	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.018	0.033	Daily Time Weighted Average	0.1	0.0
Maximum 15-min Average	0.027	0.097	Maximum 15-min Average	0.4	0.2
Minimum 1-min Instant Reading	0.006	0.003	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.058	0.112	Maximum 1-min Instant Reading	0.4	0.2

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

ppm = parts per million

NA = Not Available

### Anticipated Activities

- Anel will continue to install soldier piles along the eastern perimeter of the site.

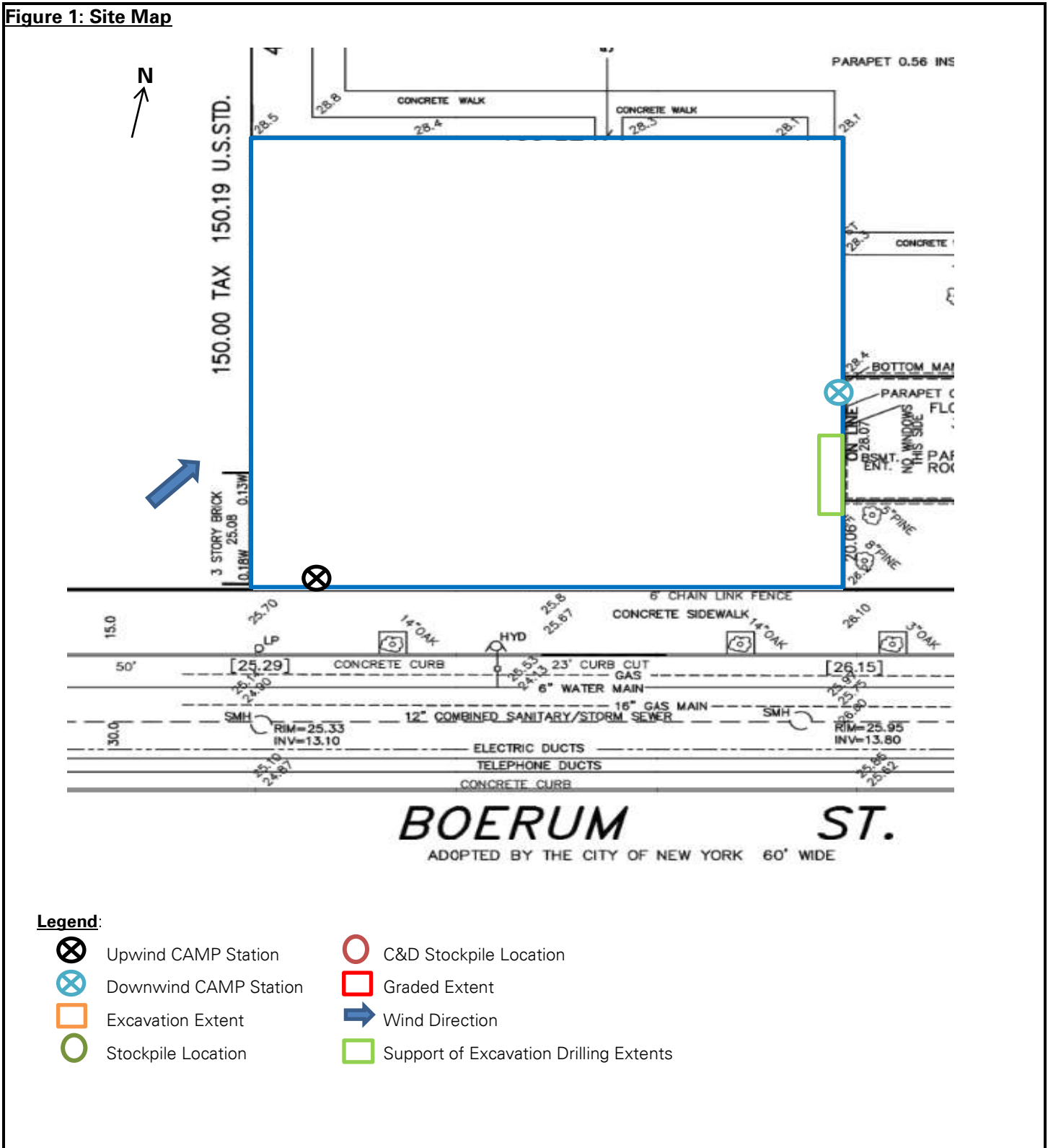
Cc: L. Haley, K. Semon, B. Gochenaur (Langan)

By: Lauren Roper

**LANGAN**

## SITE OBSERVATION REPORT

Figure 1: Site Map



Cc:	L. Haley, K. Semon, B. Gochenaur (Langan)	By:	Lauren Roper <b>LANGAN</b>
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### SITE PHOTOGRAPHS



**Photo 1:** General view of the site (facing north).



**Photo 2:** View of Anel installing soldier piles in the eastern part of the site (facing west).

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			<b>LANGAN</b>