

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170381202		<b>DATE:</b> Sunday, October 11, 2020	
<b>PROJECT:</b> 250 Water Street	<b>CLIENT:</b> 250 Seaport District, LLC	<b>WEATHER:</b> Partly cloudy, 65-68 °F Wind: NNE @ 0.8 to 7.8 mph	
<b>LOCATION:</b> New York, NY		<b>TIME:</b> 6:00 am – 6:30 pm	
<b>BCP SITE ID:</b> C231127		<b>CONTRACTOR:</b> Warren George, Inc.	
<b>CONTRACTOR:</b> Warren George, Inc.		<b>LANGAN REP. :</b> Vinicius De Paula	
<b>EQUIPMENT:</b> Two truck-mounted drilling rigs Jerome J505 and J405 MiniRAE 3000 Dusttrak DRX		<b>PRESENT AT SITE:</b> <b>Geotechnical Investigation Day 3</b> Vinicius De Paula, Maedeh Tavakoli – Langan Jake Harris – Warren George, Inc. Tyler McCallion – ConeTec	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b> <p>Langan implemented the Community Air Monitoring Plan (CAMP) during a geotechnical investigation at the 250 Water Street site (New York State Department of Environmental Conservation [NYSDEC] Brownfield Cleanup Program [BCP] Site No. C231127).</p> <p><b>Site Activities</b></p> <ul style="list-style-type: none"> <li>Warren George, Inc. predrilled five Cone Penetration Test (CPT) locations with a mud rotary, truck-mounted drilling rig to about 15 feet below grade surface (bgs) and backfilled with clean sand (No. 2 Filpro®).</li> <li>ConeTec completed three CPT locations to depths ranging from about 75 to 100 feet bgs with a CPT truck rig. CPT locations were backfilled with No. 2 Filpro® sand. Soil cuttings were not generated during CPT testing.</li> </ul> <p><b>Material Tracking</b></p> <ul style="list-style-type: none"> <li>Impacted drilling mud from CPT location CPT-13 was recovered and containerized in a sealed 55-gallon drum.</li> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul> <p><b>Sampling</b></p> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>			
<b>Cc:</b> J. Yanowitz, P. McMahon, M. Raygorodetsky	<b>By:</b> Vinicius De Paula	<b>LANGAN</b>	

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### CAMP Activities

Langan performed air monitoring during ground-intrusive activities. Fifteen-minute average concentrations of particulate matter smaller than 10 microns in diameter (PM10), mercury vapor, and volatile organic compounds (VOC) did not exceed action levels for the duration of work activities. Daily background concentrations for PM10, VOCs, and mercury vapor based on the June 16, 2020 baseline air monitoring event were 0.025 milligrams per cubic meter (mg/m<sup>3</sup>) for PM10, 0.5 parts per million (ppm) for VOCs, and 0.0 micrograms per cubic meter (µg/m<sup>3</sup>) for mercury vapor.

Daily Average Concentrations			
Station ID	Particulate (mg/m <sup>3</sup> )	Organic Vapor (ppm)	Mercury Vapor (µg/m <sup>3</sup> )
PM-1	0.018	0.0	0.0
PM-2	0.025	0.0	0.0
PM-3	0.021	0.0	0.0
PM-4	0.012	0.0	0.0
PM-5	0.023	0.0	0.0
PM-6	0.028	0.1	0.0
WZ-1	0.024	0.0	0.0

Maximum 15-Minute-Average Concentration			
Station ID	Particulate (mg/m <sup>3</sup> )	Organic Vapor (ppm)	Mercury Vapor (µg/m <sup>3</sup> )
PM-1	0.027	0.0	0.0
PM-2	0.048	0.6	0.0
PM-3	0.033	0.4	0.0
PM-4	0.024	0.0	0.0
PM-5	0.030	0.1	0.0
PM-6	0.038	0.2	0.0
WZ-1	0.042	0.2	0.0

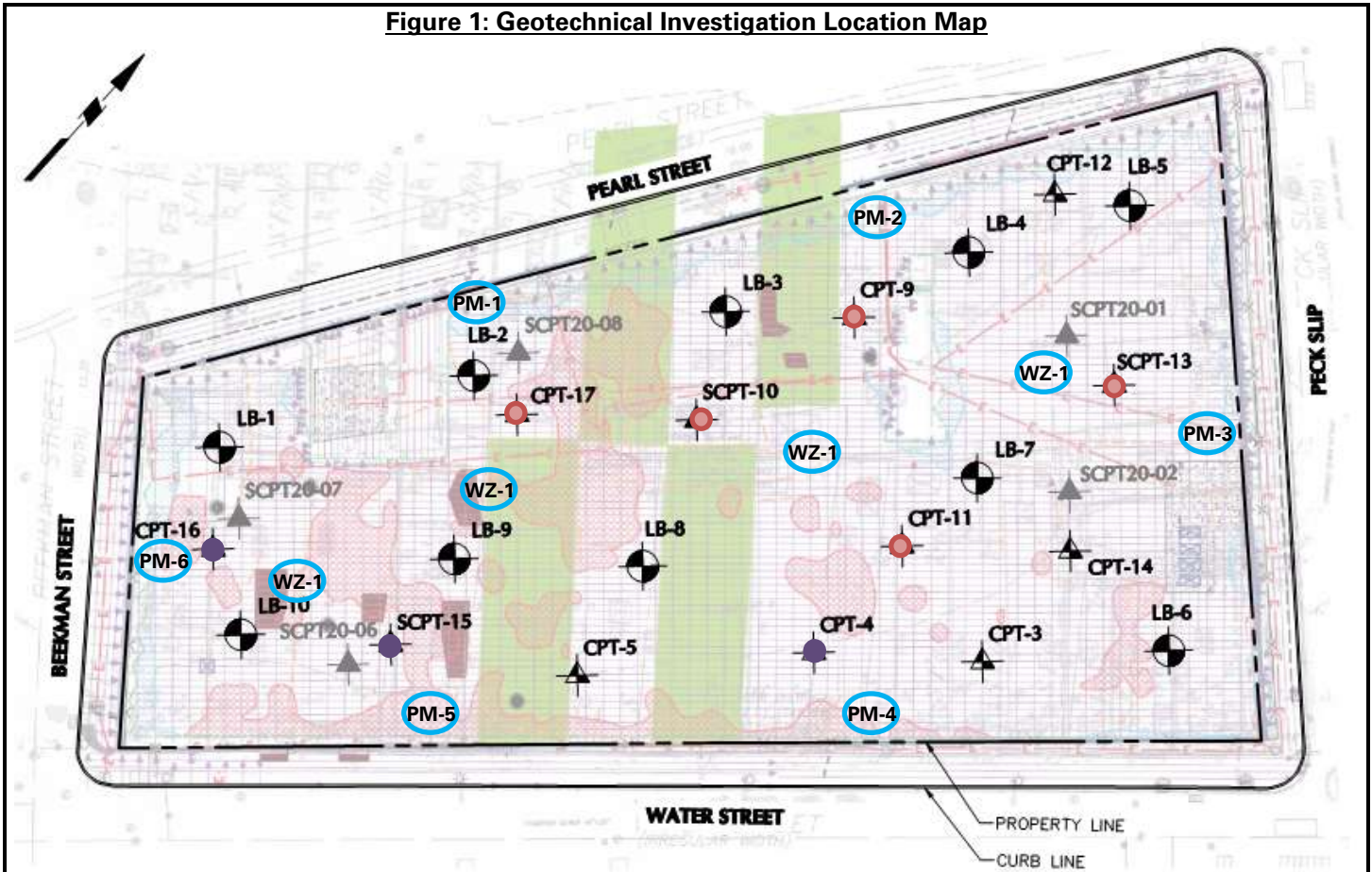
### Anticipated Activities

- Warren George, Inc. will start advancing Standard Penetration Test (SPT) locations.
- ConTec will continue CPT testing.

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**Figure 1: Geotechnical Investigation Location Map**



**Legend:**

- Approximate location of predrilled CPT location
- Approximate location of completed CPT location
- PM-1 Approximate location of air monitoring station (on-site)
- WZ-1 Approximate locations of work zone air monitoring station

**Notes:**

1) Air monitoring station were relocated based on work area and wind direction. Locations shown above identify the predominant area of the air monitoring station.

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### Select Site Photographs:



Photo 1: View of Warren George, Inc. predrilling CPT location CPT-17 (facing southwest).



Photo 2: View of ConeTec advancing CPT location CPT-15 (facing east).

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