LANGAN

SITE OBSERVATION REPORT

PROJECT No.: 170381202		**DATE:**	Monday, October 12, 2020
PROJECT: 250 Water Street	**CLIENT:** 250 Seaport District, LLC	**WEATHER:**	Rainy, 50-55 ˚F Wind: NW @ 1.9 mph (11:28am) to NNW @ 13.2 mph (4:08pm)
LOCATION: New York, NY		**TIME:**	6:00 am – 7:00 pm
BCP SITE ID: C231127			
CONTRACTOR: Warren George, Inc.		**LANGAN REP. :**	Tyler Zorn

EQUIPMENT:	**PRESENT AT SITE:**	**Geotechnical Exploration Day 4**
CPT Truck Jerome J505 and J405 MiniRAE 3000 Dusttrak DRX	Tyler Zorn, Maedeh Tavakoli – Langan Tyler McCallion, Jenna Griggs – ConeTec	

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan implemented the Community Air Monitoring Plan (CAMP) during a geotechnical exploration at the 250 Water Street site (New York State Department of Environmental Conservation [NYSDEC] Brownfield Cleanup Program [BCP] Site No. C231127).

Site Activities

- ConeTec completed five Cone Penetration Test (CPT) locations to depths ranging from about 75 to 100 feet below grade surface (bgs) with a CPT truck rig. CPT locations were backfilled with 3/8" bentonite pellets.
- ConeTec patched the five completed and three previously completed CPT locations with asphalt. Four pre-drilled CPT locations (to be completed) were patched with a bentonite seal at the surface.

Material Tracking

- No material was imported to the site.
- No material was exported from the site.

Sampling

- No samples were collected.

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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^3) for PM10, 0.5 parts per million (ppm) for VOCs, and 0.0 micrograms per cubic meter ($\mu g/m^3$) for mercury vapor.

Daily Average Concentrations			
Station ID	Particulate (mg/m^3)	Organic Vapor (ppm)	Mercury Vapor ($\mu g/m^3$)
PM-1	0.007	0.0	0.0
PM-2	0.007	0.0	0.0
PM-3	0.006	0.0	0.0
PM-4	0.007	0.0	0.0
PM-5	0.007	0.0	0.0
PM-6	0.012	0.0	0.0
WZ-1	0.010	0.0	0.0

Maximum 15-Minute-Average Concentration			
Station ID	Particulate (mg/m^3)	Organic Vapor (ppm)	Mercury Vapor ($\mu g/m^3$)
PM-1	0.013	0.0	0.0
PM-2	0.012	0.0	0.0
PM-3	0.011	0.0	0.0
PM-4	0.017	0.0	0.0
PM-5	0.016	0.0	0.0
PM-6	0.018	0.0	0.2
WZ-1	0.036	0.0	0.0

Anticipated Activities

- None.

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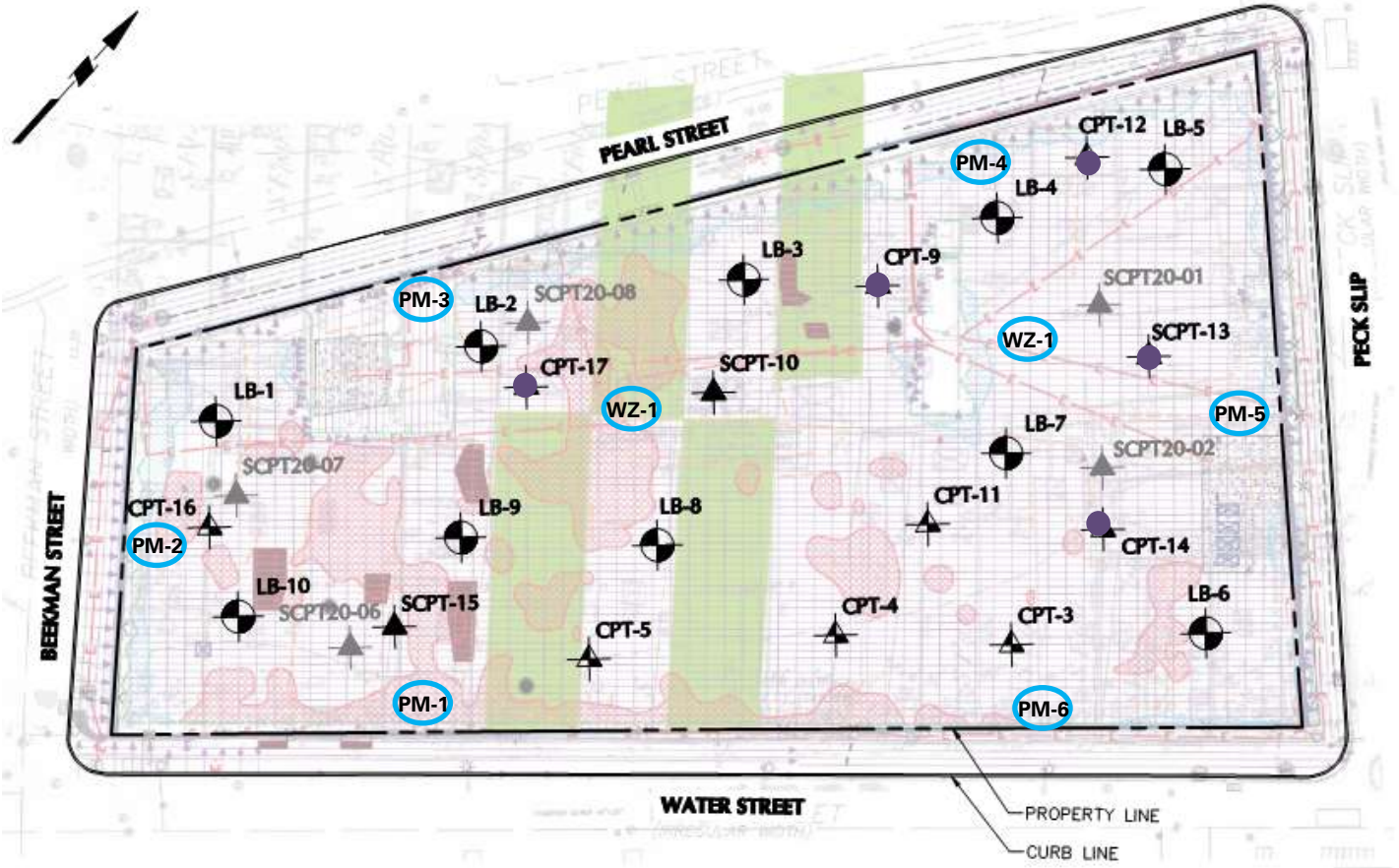
Figure 1: Geotechnical Investigation Location Map



Legend:

- 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 perimeter CAMP station PM-2 (facing southwest).

Photo 2: View of ConeTec advancing CPT location CPT-13 (facing northeast).

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