

SITE OBSERVATION REPORT

PROJECT No.: 170381202 PROJECT: 250 Water Street LOCATION: New York, NY BCP SITE ID: C231127		CLIENT: 250 Seaport District, LLC	DATE: Tuesday, June 16, 2020 WEATHER: Sunny, 70.1-77.7 °F Wind: SE @ 1.3 mph (3:08pm) to SSW @ 10.4 mph (11:47am) TIME: 6:45 am – 6:00 pm
CONTRACTOR: Hager-Richter Geosciences, Inc (Hager-Richter)		LANGAN REP. : Thomas Schiefer	
CONTRACTOR'S EQUIPMENT: GSSI Ground Penetrating Radar (GPR) Scanner RD7000 Utility Locator EM61-MK2A Metal Detector		PRESENT AT SITE: Thomas Schiefer – Langan Alexis Martinez, Amanda Fabian, Ariana Martinez – Hager-Richter Carey Wu – Emilcott Environmental	
RI Day 2			
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan was present to implement the May 13, 2020 Remedial Investigation Work Plan (RIWP) for New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C231127 located at 250 Water Street (Block 98, Lot 1). Activities were as follows: Site Activities <ul style="list-style-type: none"> Hager-Richter performed a geophysical survey on the western (Pearl Street) side of the site and the adjoining sidewalks surrounding the site using an EM61-MK2A Metal Detector, GPR Scanner, and RD7000 Utility Locator. Langan marked out locations of proposed borings and the historical thermometer factory/workshops in the western part of the site. Langan performed an 8-hour baseline air monitoring event for dust particulates 10 micrometers or less in diameter (PM10), volatile organic compounds (VOCs), and mercury vapor. Langan used seven air monitoring stations equipped with a DustTrak II Aerosol Monitor, a MiniRAE 3000 photoionization detector (PID), and a Jerome J405 mercury vapor analyzer. Material Tracking <ul style="list-style-type: none"> No material was imported to the site. No material was exported from the site. Sampling <ul style="list-style-type: none"> No sample were collected. 			
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Baseline Air Monitoring Activities

Baseline Daily Average Concentrations			
Station ID	Particulate (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
PM-1	0.011	0.5	0.0
PM-2	0.026	0.0	0.0
PM-3	0.009	0.0	0.0
PM-4	0.005	0.0	0.0
PM-5	0.002	0.2	0.0
PM-6	0.006	0.0	0.0
WZ-1	0.000	0.0	0.0

mg/m³ = milligrams per cubic meter
 ppm = parts per million
 µg/m³ = micrograms per cubic meter

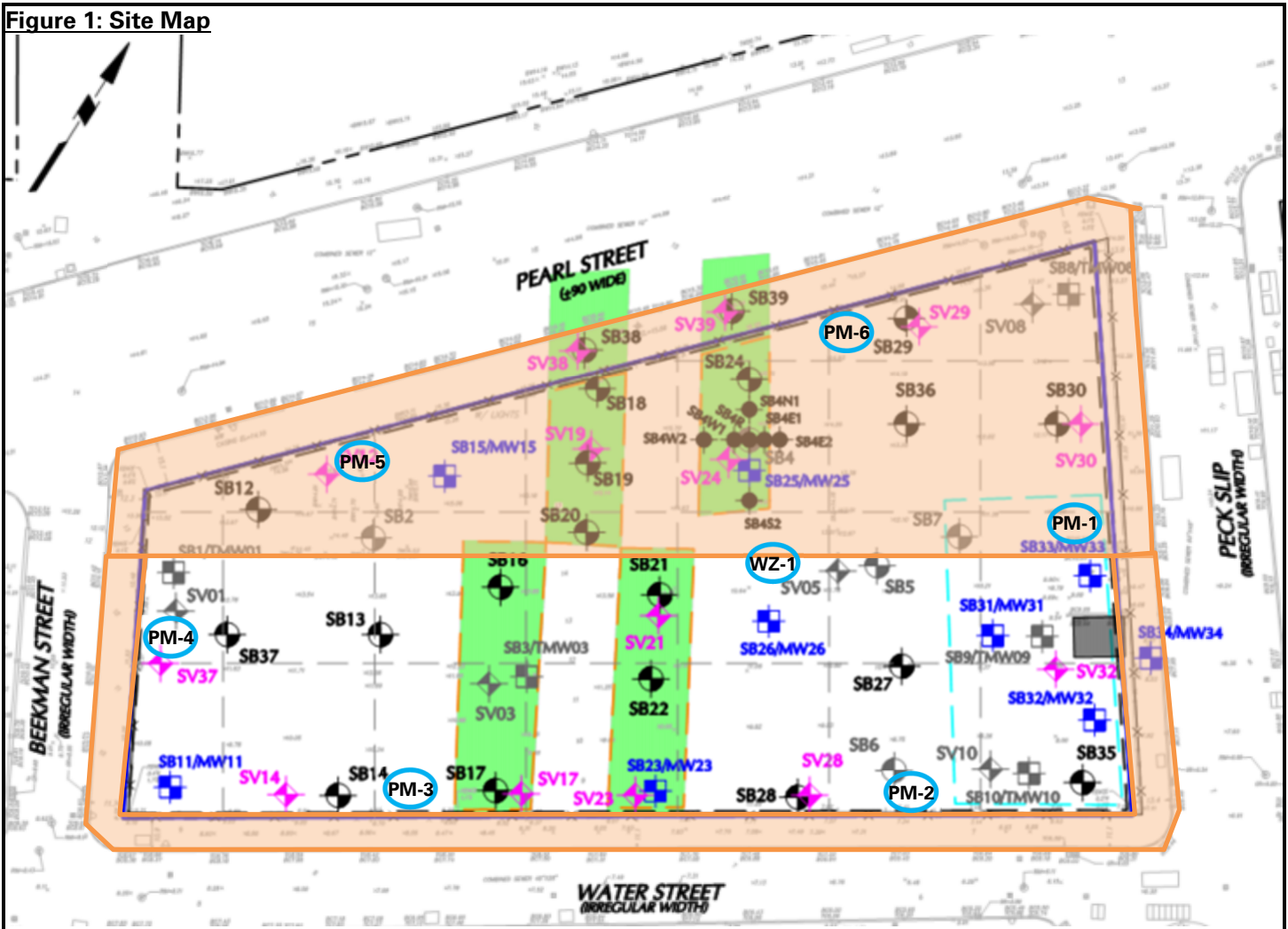
Anticipated Activities

- The results of the geophysical survey and baseline air monitoring event will be evaluated and interpreted alongside available information from historical maps and other data sources.
- No field work is scheduled at this time. Phase 2 of the RIWP (soil vapor sampling) is anticipated to be initiated during the week of June 29, 2020 or July 6, 2020 after the results are evaluated, interpreted and shared.

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Figure 1: Site Map



Legend:

- Site Boundary
- Approximate area of geophysical survey
- PM-2 Approximate location of air monitoring station ID

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Select Site Photographs:



Photo 1: Hager-Richter using a GPR Scanner in the northern part of site (facing northwest)



Photo 2: Air Monitoring Station PM-5 along Pearl Street in the western part of site (facing northwest)

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