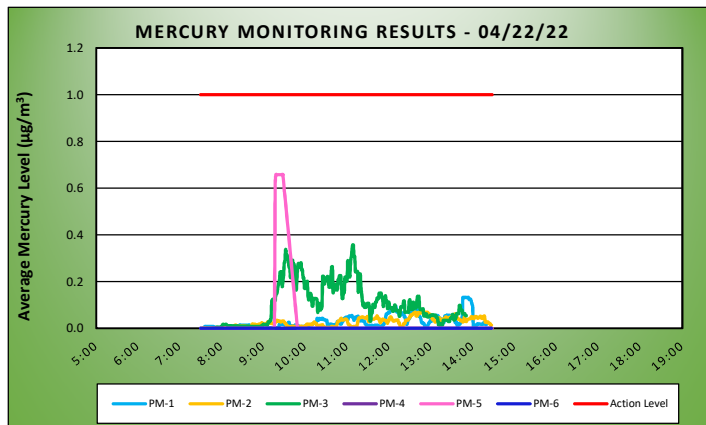
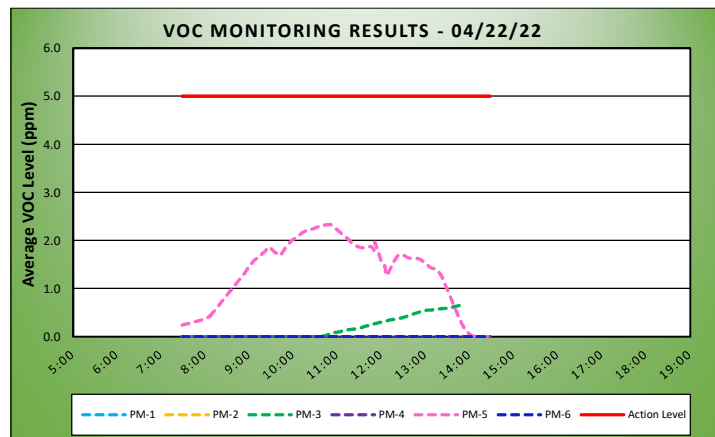
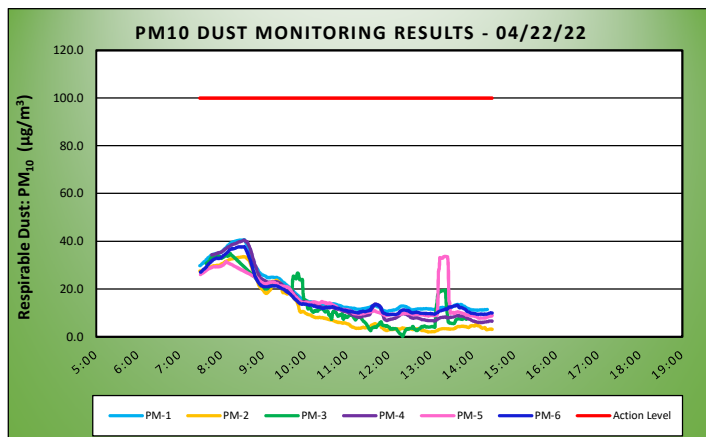


	<h2 style="text-align: center;">DAILY AIR MONITORING REPORT</h2> <h3 style="text-align: center;">250 Water Street Remediation Site</h3> <h4 style="text-align: center;">Manhattan, New York</h4>				04/22/22		
					Project number: 170381202		
					Page 1 of 2	Rev. No. 0	
					Submitted By: Lauren Roper		
					Dust Action Level ($\mu\text{g}/\text{m}^3$)		100
					VOC Action Level (ppm)		5
Hg Action Level ($\mu\text{g}/\text{m}^3$)		1.0					

Weather Data Range for Work Day		Wind Direction	E	Relative Humidity (%)	14.8 - 59.1	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	55.2 - 69.4	Wind Speed (MPH)	1.0 - 7.7	Barometer (inHg)	30.41 - 30.44			

Station Location Work Area	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Minute Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Minute VOC Concentration (ppm)	Time of Max 15 Minute Avg VOC Reading
PM-1	18.8	40.7	8:32	0.0	0.0	7:29
PM-2	12.0	33.6	8:33	0.0	0.0	7:29
PM-3	13.8	34.7	8:13	0.2	0.7	13:51
PM-4	15.9	40.5	8:32	0.0	0.0	7:45
PM-5	15.6	33.7	13:21	1.3	2.3	10:47
PM-6	16.7	37.7	8:32	0.0	0.0	7:29

Station Location Work Area	Daily Avg. Mercury Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Minute Mercury Concentration ($\mu\text{g}/\text{m}^3$)	Time of Max 15 Minute Avg Mercury Reading
PM-1	0.0	0.1	13:46
PM-2	0.0	0.1	12:46
PM-3	0.1	0.4	11:08
PM-4	0.0	0.0	7:47
PM-5	0.0	0.7	9:18
PM-6	0.0	0.0	7:30



Air Monitoring Notes:

- Langan used a handheld Jerome® J505 mercury analyzer to monitor ambient air conditions throughout the site. Instantaneous mercury vapor concentrations ranged from 0.01 $\mu\text{g}/\text{m}^3$ to 0.15 $\mu\text{g}/\text{m}^3$.
- Perimeter air monitoring station PM-3 was relocated to the northern sidewalk of Pearl Street from 7:00am to 8:08am and from 2:20pm to 2:27pm during installation of the perimeter construction fence along Pearl Street.
- Perimeter air monitoring station PM-5 was relocated to the northern sidewalk of Pearl Street from 8:08am to 1:13pm during installation of the perimeter construction fence along Pearl Street.
- Perimeter air monitoring station PM-2 was relocated to the western sidewalk of Beekman Street from 12:04 PM to 1:30 PM during installation of the perimeter construction fence along Pearl Street.
- Prior to discontinuing the CAMP at the conclusion of ground-intrusive activities, VOC and mercury vapor concentrations were confirmed to return to background conditions at each perimeter station. CAMP was discontinued at 2:27pm at the conclusion of ground-intrusive activities.
- Due to a downloading error on the handheld Jerome® J505 mercury analyzer, mercury vapor concentrations collected through the "Auto Sampling" function were not recorded.

