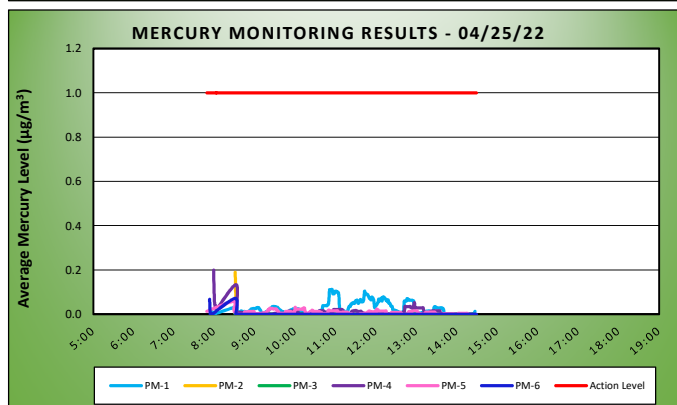
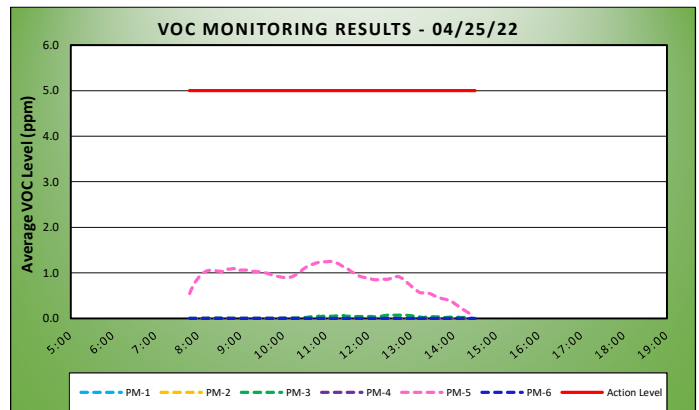
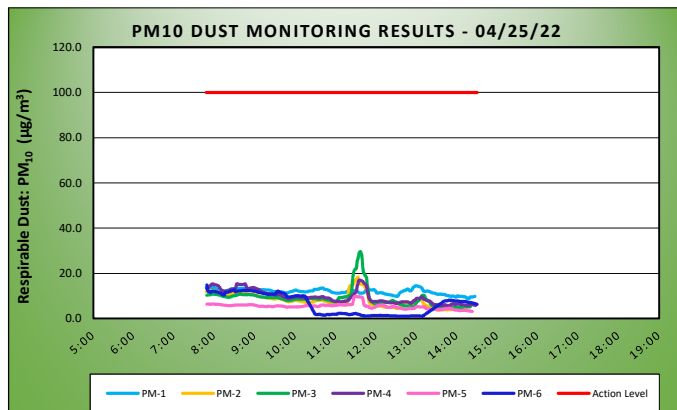


	DAILY AIR MONITORING REPORT 250 Water Street Remediation Site Manhattan, New York	04/25/22	
		Project number: 170381202	
		Page 1 of 2	Rev. No. 0
		Submitted By: Lauren Roper	
		Dust Action Level (µg/m ³)	100
		VOC Action Level (ppm)	5
		Hg Action Level (µg/m ³)	1.0

Weather Data Range for Work Day		Wind Direction	SSW	Relative Humidity (%)	15.8 - 50.6	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	49.8 - 58.4	Wind Speed (MPH)	0.8 - 6.9	Barometer (inHg)	30.31 - 30.35			

Station Location Area	Work	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		12.0	14.5	13:00	0.0	0.0	7:48
PM-2		8.1	18.3	11:33	0.0	0.0	7:48
PM-3		9.0	29.6	11:37	0.0	0.1	12:33
PM-4		9.6	17.1	11:36	0.0	0.0	8:06
PM-5		5.4	9.8	11:30	0.9	1.3	11:07
PM-6		6.6	14.8	7:49	0.0	0.0	7:48

Station Location Area	Work	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	10:54
PM-2		0.0	0.2	8:31
PM-3		0.0	0.0	8:30
PM-4		0.0	0.2	7:59
PM-5		0.0	0.1	8:28
PM-6		0.0	0.1	8:31



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 $0.00 \mu\text{g}/\text{m}^3$ to $0.10 \mu\text{g}/\text{m}^3$.
- Perimeter air monitoring station PM-5 was relocated to the western sidewalk of Beekman Street from 8:03am to 10:10am during installation of the perimeter construction fence along Beekman Street.
- Perimeter air monitoring station PM-3 was relocated to the southern sidewalk of Water Street from 10:10am to 2:50pm during installation of the perimeter construction fence along Water Street.
- Perimeter air monitoring station PM-6 was relocated to the northern sidewalk of Pearl Street from 1:35pm to 2:50pm 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 stations were discontinued sequentially between 2:50pm and 3:03pm at the conclusion of ground-intrusive activities.

