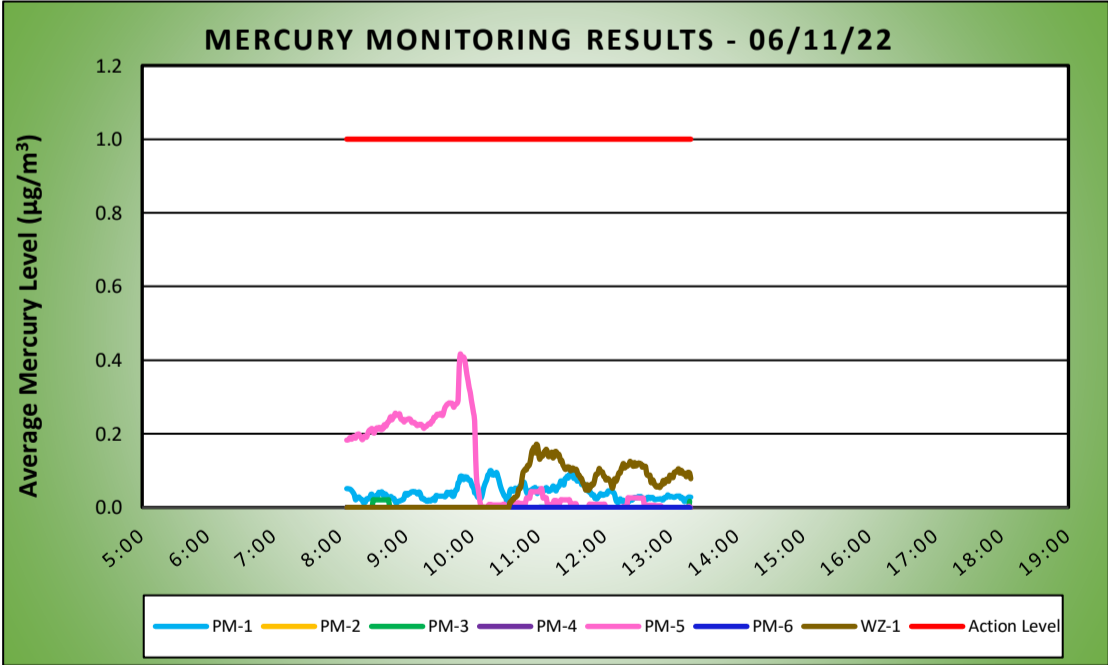
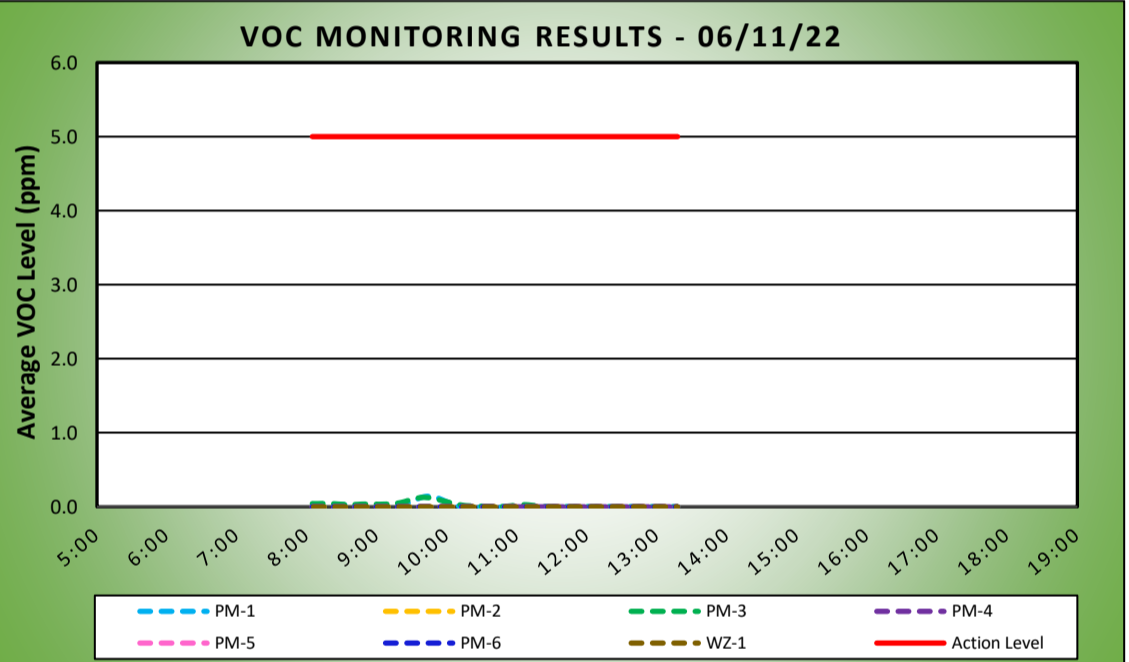
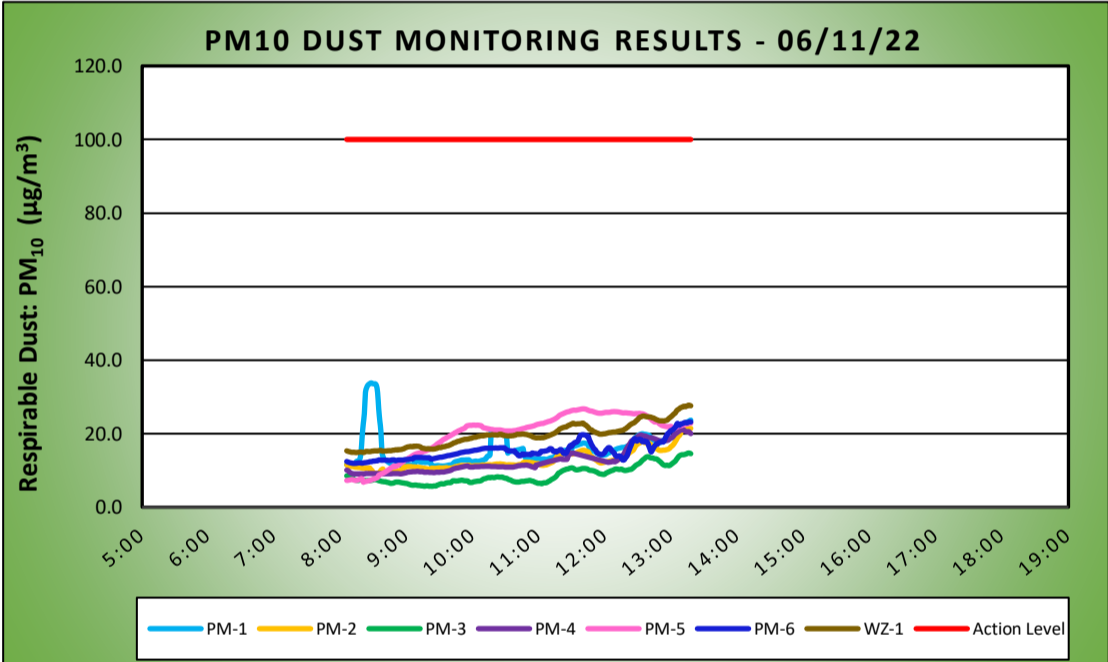


	DAILY AIR MONITORING REPORT 250 Water Street Remediation Site Manhattan, New York	06/11/22	
		Project number: 170381202	
		Page 1 of 2	Rev. No. 0
		Submitted By: Maitland Robinson	
		Dust Action Level (µg/m³)	100
		VOC Action Level (ppm)	5
		Hg Action Level (µg/m³)	1.0

Weather Data Range for Work Day		Wind Direction	NNE	Relative Humidity (%)	38.9 - 46.1	Daily Rain (in)	0.05	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	71.6 - 77.0	Wind Speed (MPH)	0.6 - 4.8	Barometer (inHg)	29.99 - 30.01			

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	16.0	33.8	8:28	0.0	0.1	9:44
PM-2	12.9	21.5	13:16	0.0	0.0	8:06
PM-3	8.8	14.7	13:16	0.0	0.1	9:41
PM-4	12.7	21.2	13:10	0.0	0.0	8:05
PM-5	19.7	26.7	11:40	0.0	0.0	8:05
PM-6	15.5	23.2	13:17	0.0	0.0	8:05
WZ-1	19.7	27.8	13:16	0.0	0.0	8:06

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	10:16
PM-2	0.0	0.0	8:07
PM-3	0.0	0.0	8:30
PM-4	0.0	0.0	8:06
PM-5	0.1	0.4	9:49
PM-6	0.0	0.0	8:06
WZ-1	0.0	0.2	10:54



Air Monitoring Notes:

- Ambient Air (Handheld Jerome® J505 and Handheld PID)
- Langan used a handheld Jerome® J505 mercury vapor analyzer to monitor ambient air conditions at various heights throughout the site.
 - Raw data from the Jerome® J505 mercury vapor analyzer will be downloaded on Tuesday, June 14, 2022. Instantaneous mercury vapor concentrations throughout the site were not detected at concentrations above background conditions for the duration of the work day.
 - Langan used a handheld PID to monitor VOC concentrations throughout the site. VOC concentrations were not detected above background concentrations throughout the work day.
- Off-Site CAMP Station Relocation
- Perimeter air monitoring station PM-5 was relocated to the northern sidewalk of Pearl Street from 7:51am to 9:13am during advancement of soil boring SB24.
 - Perimeter air monitoring station PM-4 was relocated to the eastern sidewalk of Peck Slip from 10:59am to 11:31am during advancement of soil boring WC10D.
- Prior to CAMP Shutdown
- Prior to discontinuing CAMP at the conclusion of ground-intrusive activities, VOC and mercury vapor concentrations were confirmed to return to background conditions at each perimeter station using the handheld PID and handheld Jerome® J505 mercury vapor analyzer. CAMP stations were discontinued at 1:17pm at the conclusion of ground-intrusive activities.
 - Mercury vapor concentrations at each CAMP station were recorded at 0.00 $\mu\text{g}/\text{m}^3$.
 - VOC concentrations at each CAMP station ranged from 0.0 to 0.2 ppm.



