



DAILY AIR MONITORING REPORT

250 Water Street Remediation Site

Manhattan, New York

02/21/22

Project number: 170381202

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Submitted By:

Rev. No. 0

Dust Action Level ($\mu\text{g}/\text{m}^3$)

100

VOC Action Level (ppm)

5

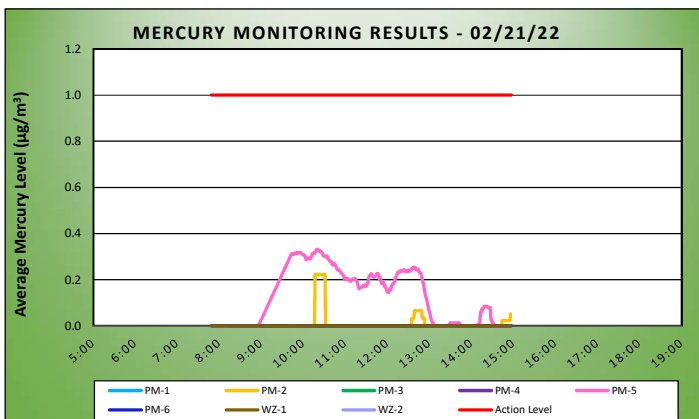
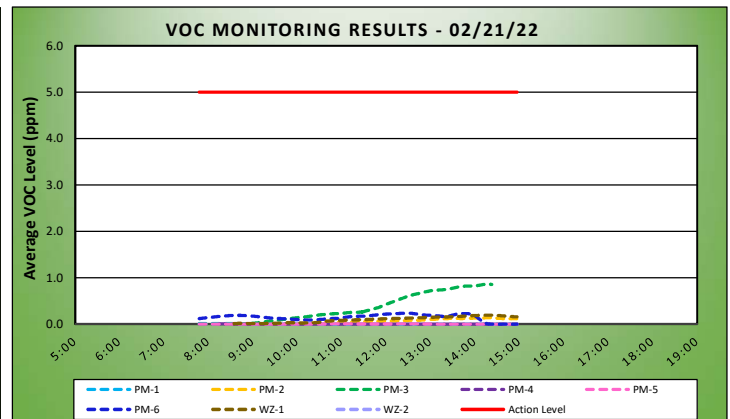
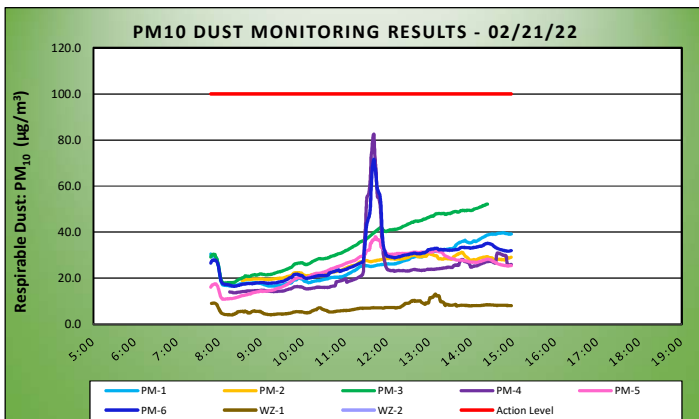
Hg Action Level ($\mu\text{g}/\text{m}^3$)

1.0

Weather Data Range for Work Day		Wind Direction	WSW	Relative Humidity (%)	31.3 - 67.8	Daily Rain (in)	0.01	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	33.0 - 54.1	Wind Speed (MPH)	0.6 - 6.3	Barometer (inHg)	30.32 - 30.40			

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	26.3	39.7	14:45	0.0	0.0	8:19
PM-2	25.5	31.2	13:46	0.1	0.1	14:21
PM-3	34.4	52.2	14:23	0.3	0.9	14:18
PM-4	23.0	82.5	11:41	0.0	0.0	8:15
PM-5	24.0	38.0	11:43	0.0	0.0	10:51
PM-6	27.5	71.5	11:41	0.1	0.2	12:28
WZ-1	7.0	13.0	13:09	0.1	0.2	14:19
WZ-2	N/A	0.0	N/A	N/A	0.0	N/A

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	0.0	7:49
PM-2	0.0	0.2	10:17
PM-3	0.0	0.0	7:49
PM-4	0.0	0.0	8:16
PM-5	0.1	0.3	10:20
PM-6	0.0	0.0	7:49
WZ-1	0.0	0.0	7:49
WZ-2	N/A	0.0	N/A



Air Monitoring Notes: Perimeter air monitoring station PM-3 was relocated to the northern sidewalk of Pearl Street from 11:30am to 2:23pm during advancement of soil boring WC07A and WC07B.

Sampling Notes:

Weather Notes:



