



# DAILY AIR MONITORING REPORT

## 250 Water Street Remediation Site

### Manhattan, New York

08/18/20

Project number: 170381202

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Submitted By:

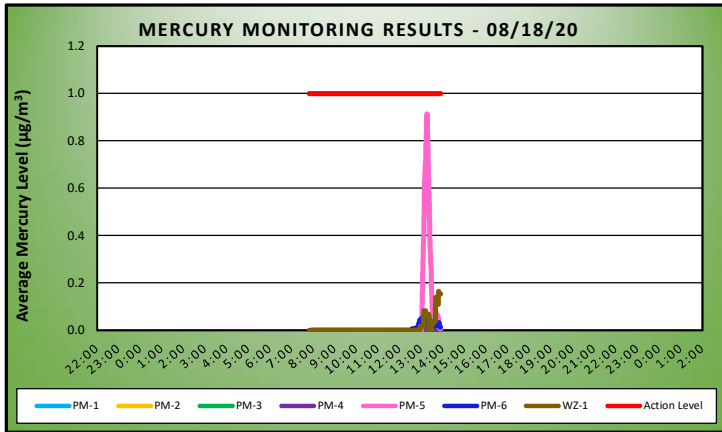
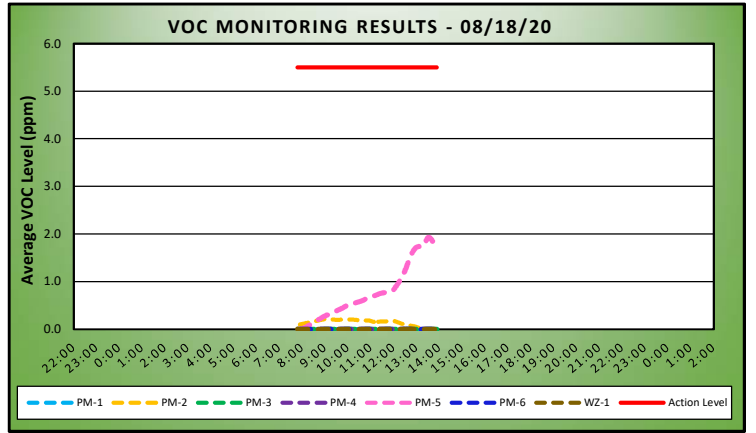
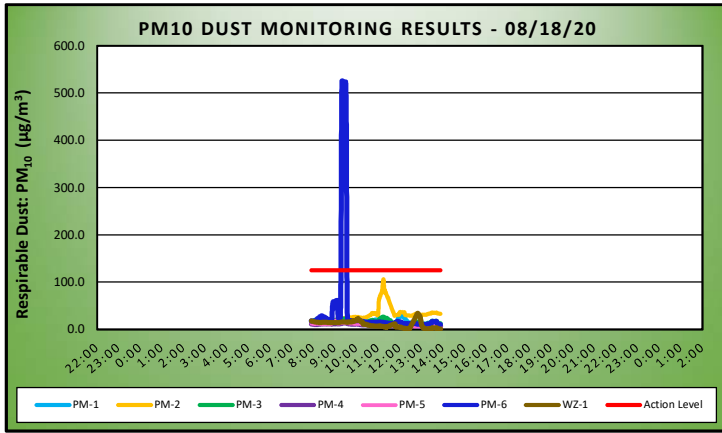
Rev. No. 0

Dust Background & Action Level ( $\mu\text{g}/\text{m}^3$ )	25	125
VOC Background & Action Level (ppm)	0.5	5.5
Hg Background & Action Level ( $\mu\text{g}/\text{m}^3$ )	0.0	1.0

Weather Data Range for Work Day		Wind Direction	N	Relative Humidity (%)	41.0 - 76.4	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported concentrations during work hours.
Temp (°F)	69.2 - 82.5	Wind Speed (MPH)	0.1 - 0.1	Barometer (inHg)	29.93 - 29.96			

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		15.8	34.6	12:06	0.0	0.0	7:54
PM-2		30.6	106.3	11:15	0.1	0.2	9:04
PM-3		16.6	26.2	11:15	0.0	0.0	8:04
PM-4		10.0	13.8	9:23	0.0	0.0	7:54
PM-5		10.3	19.1	9:05	0.8	1.9	13:32
PM-6		38.6	525.9	9:20	0.0	0.0	7:55
WZ-1		11.1	34.2	12:50	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	0.0	8:09
PM-2		0.0	0.0	7:55
PM-3		0.0	0.0	8:05
PM-4		0.0	0.0	7:55
PM-5		0.0	0.9	13:16
PM-6		0.0	0.1	13:02
WZ-1		0.0	0.2	13:48



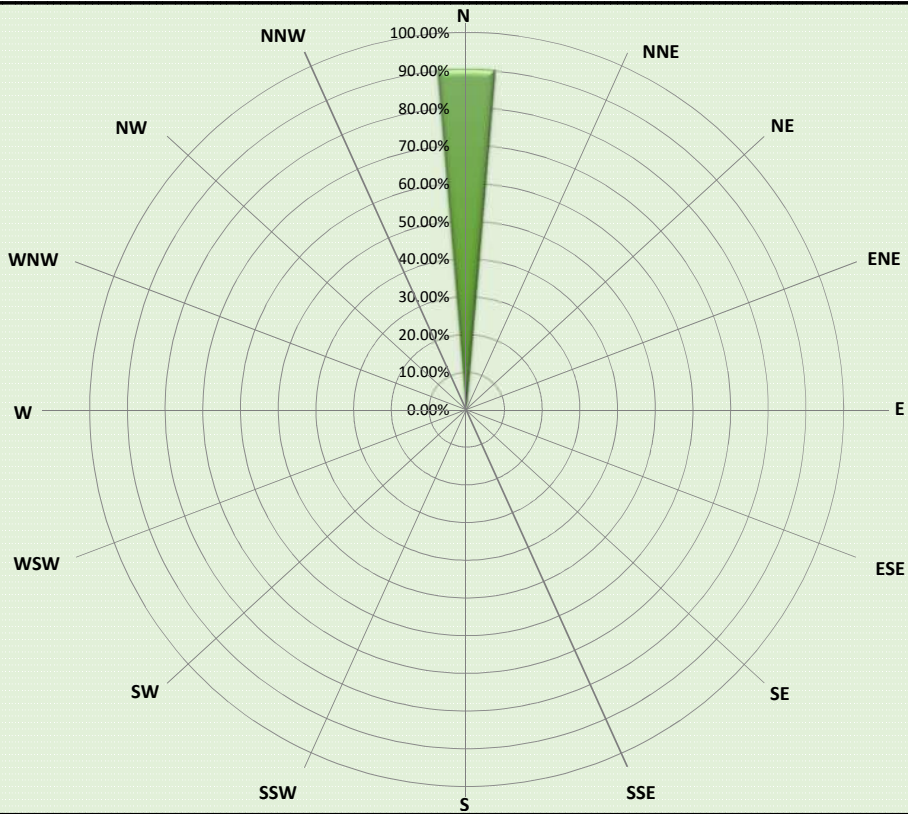
Air Monitoring Notes:

Sampling Notes:

Weather Notes:



Langan - 250 Water St Air  
Monitoring  
08/18/20  
Wind Speed & Direction  
Daily Readings



- > 10 MPH
- 8 - 10 MPH
- 6 - 8 MPH
- 4 - 6 MPH
- 2 - 4 MPH
- 1 - 2 MPH
- Calm