



# DAILY AIR MONITORING REPORT

## 250 Water Street Remediation Site

### Manhattan, New York

06/14/21

Project number: 170381202

Page 1 of 2

Submitted By:

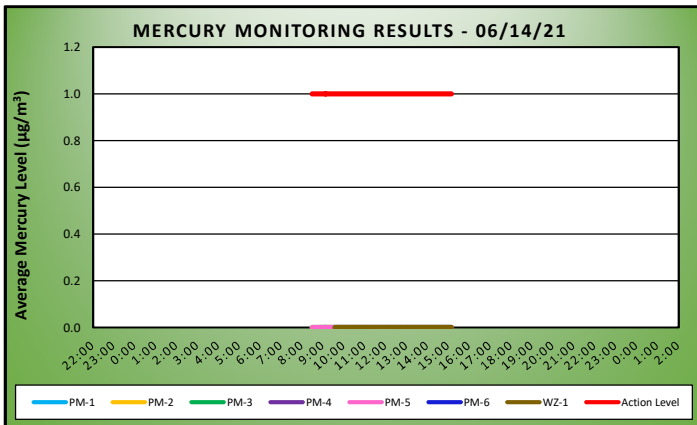
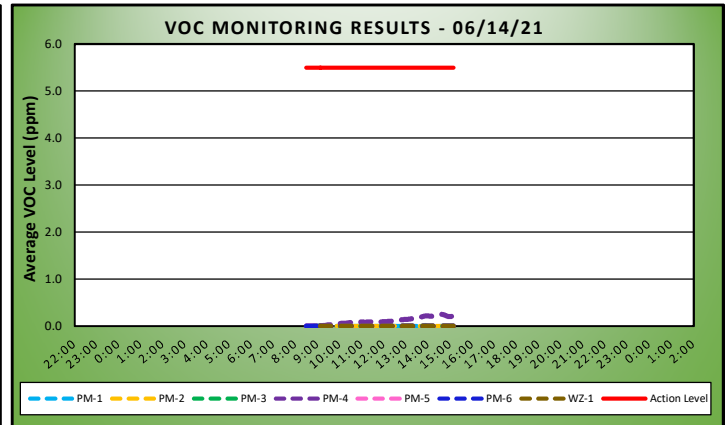
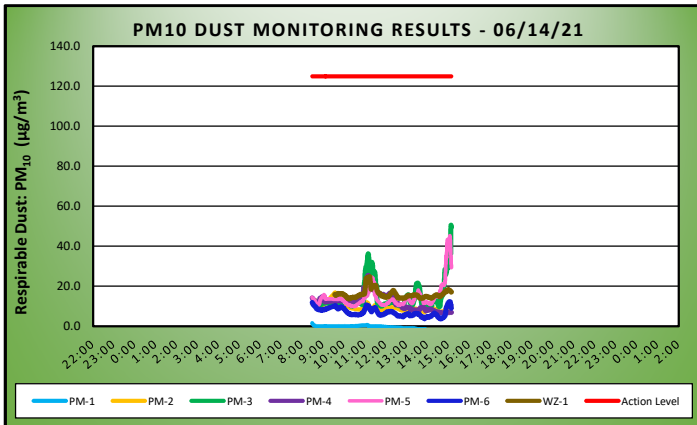
Rev. No. 0

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	SW	Relative Humidity (%)	62.9 - 85.1	Daily Rain (in)	0.04	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	65.4 - 73.9	Wind Speed (MPH)	0.7 - 6.9	Barometer (inHg)	29.88 - 29.96			

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	0.0	1.6	8:29	0.0	0.0	13:40
PM-2	9.8	16.9	9:34	0.0	0.0	15:07
PM-3	14.7	50.5	15:07	0.2	0.0	8:49
PM-4	12.2	25.5	11:10	0.1	0.2	14:35
PM-5	15.0	45.2	15:04	0.0	0.0	8:29
PM-6	7.3	12.3	15:03	0.0	0.0	8:29
WZ-1	16.4	24.8	11:13	0.1	0.0	9:07

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	8:29
PM-2	0.0	0.0	8:29
PM-3	0.0	0.0	8:50
PM-4	0.0	0.0	9:34
PM-5	0.0	0.0	8:30
PM-6	0.0	0.0	11:09
WZ-1	0.0	0.0	9:34

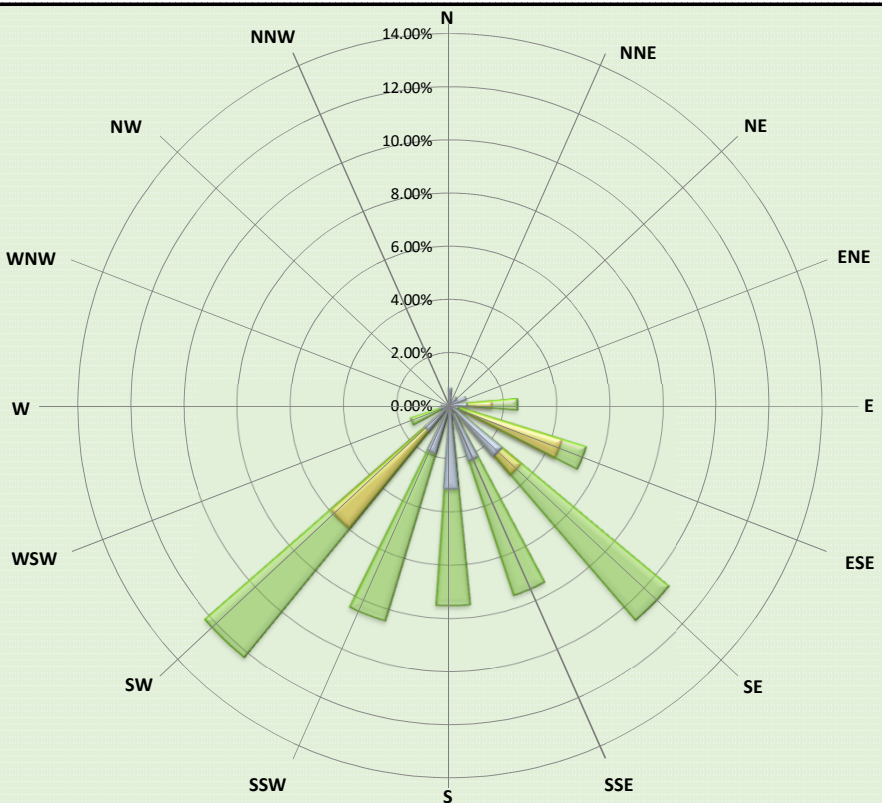


Air Monitoring Notes:

Sampling Notes:

Weather Notes:

Langan - 250 Water St Air  
Monitoring  
06/14/21  
Wind Speed & Direction  
Daily Readings



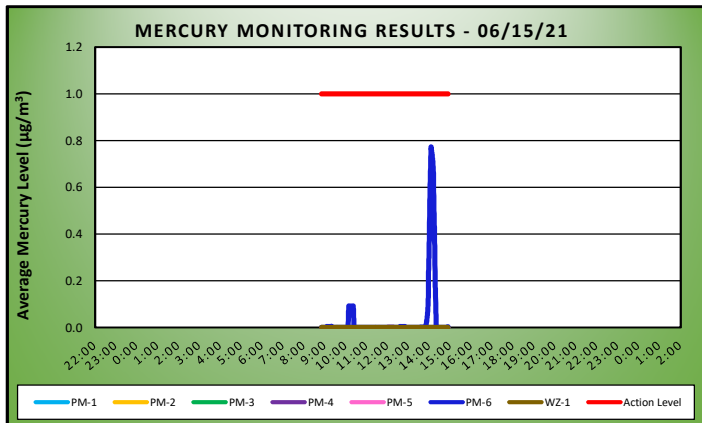
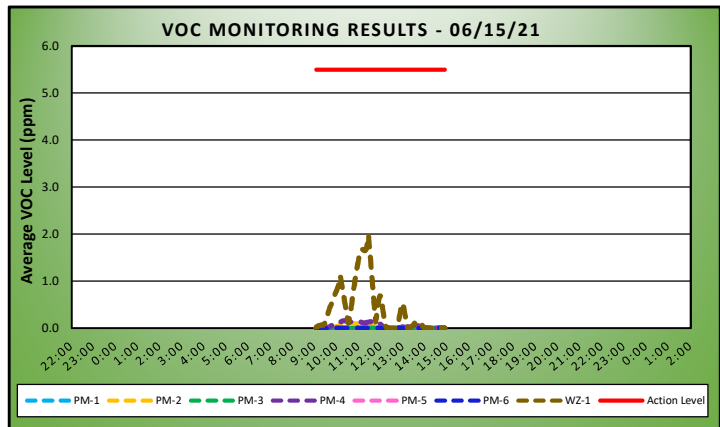
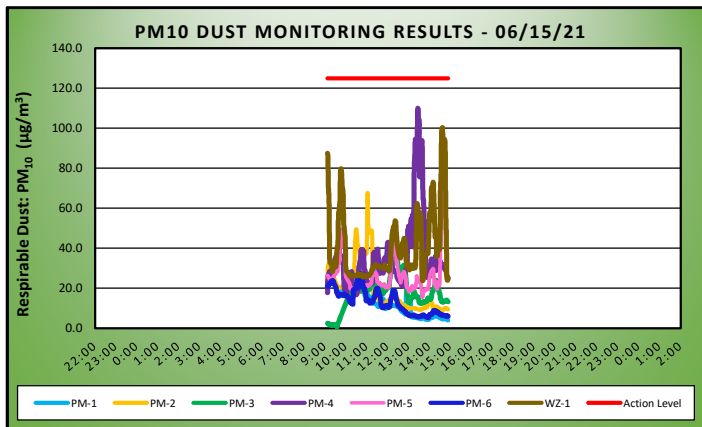
- > 10 MPH
- 8 - 10 MPH
- 6 - 8 MPH
- 4 - 6 MPH
- 2 - 4 MPH
- 1 - 2 MPH
- Calm

	<b>DAILY AIR MONITORING REPORT</b> <b>250 Water Street Remediation Site</b> <b>Manhattan, New York</b>			06/15/21				
				Project number: 170381202				
				Page 1 of 2			Rev. No. 0	
				Submitted By:				
				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	NNE, NE	Relative Humidity (%)	36.9 - 70.2	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	70.3 - 80.9	Wind Speed (MPH)	0.8 - 6.2	Barometer (inHg)	29.79 - 29.83			

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	13.4	35.5	10:47	0.0	0.0	9:05
PM-2	18.7	67.5	11:02	0.0	0.1	10:30
PM-3	17.7	43.8	12:22	0.0	0.0	11:16
PM-4	34.8	109.9	13:26	0.1	0.2	10:19
PM-5	26.6	68.4	14:36	0.0	0.0	9:27
PM-6	12.9	27.3	10:43	0.0	0.0	9:04
WZ-1	42.3	100.3	14:37	0.4	1.9	11:26

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	8:50
PM-2	0.0	0.0	8:50
PM-3	0.0	0.0	8:50
PM-4	0.0	0.0	12:01
PM-5	0.0	0.0	8:50
PM-6	0.0	0.8	14:04
WZ-1	0.0	0.0	12:45

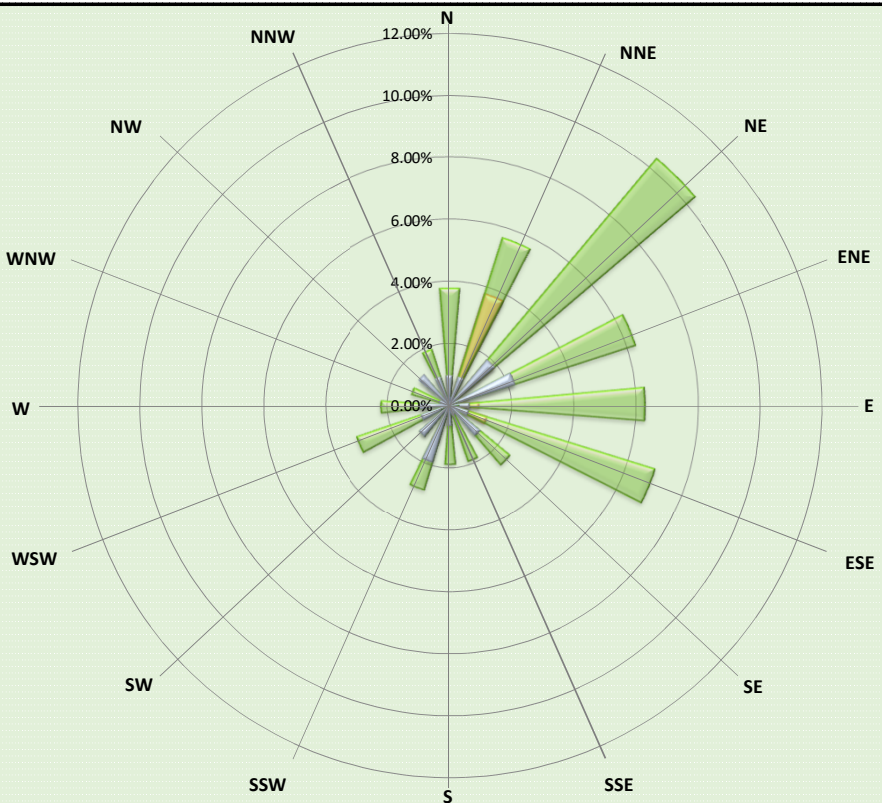


Air Monitoring Notes:

Sampling Notes:

Weather Notes:

Langan - 250 Water St Air  
Monitoring  
06/15/21  
Wind Speed & Direction  
Daily Readings



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



# DAILY AIR MONITORING REPORT

## 250 Water Street Remediation Site

### Manhattan, New York

06/16/21

Project number: 170381202

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Rev. No. 0

Submitted By:

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

25 125

VOC Background & Action Level (ppm)

0.5 5.5

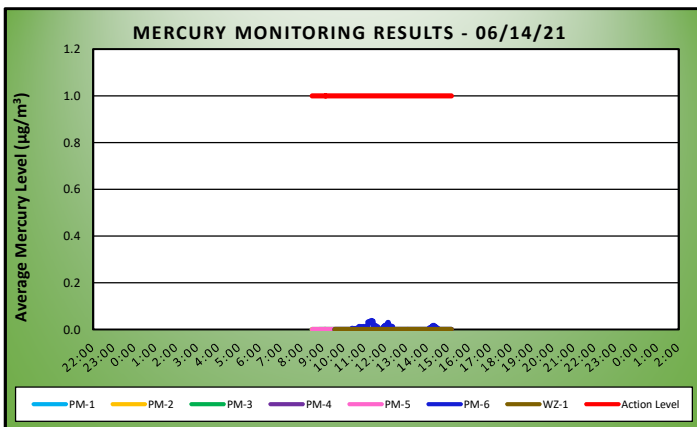
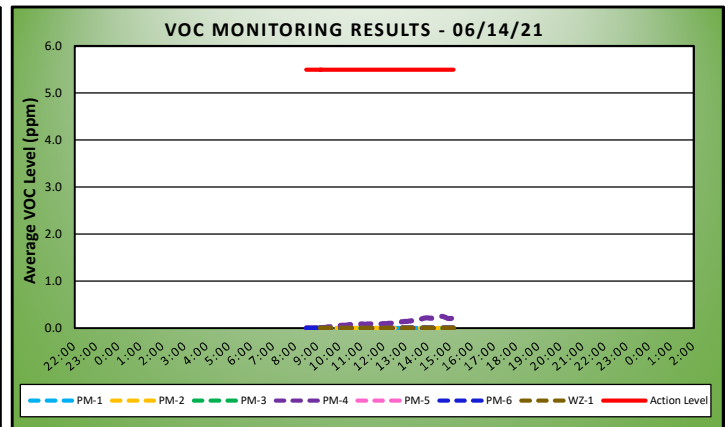
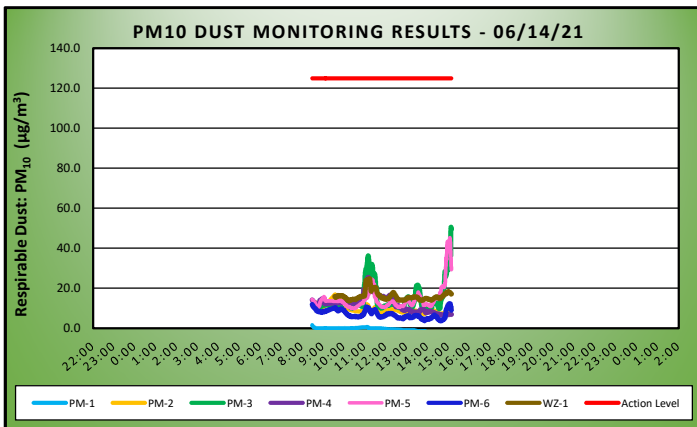
Hg Background & Action Level ( $\mu\text{g}/\text{m}^3$ )

0.0 1.0

Weather Data Range for Work Day		Wind Direction	SW	Relative Humidity (%)	62.9 - 85.1	Daily Rain (in)	0.04	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	65.4 - 73.9	Wind Speed (MPH)	0.7 - 6.9	Barometer (inHg)	29.88 - 29.96			

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	0.0	1.6	8:29	0.0	0.0	13:40
PM-2	9.8	16.9	9:34	0.0	0.0	15:07
PM-3	14.7	50.5	15:07	0.2	0.0	8:49
PM-4	12.2	25.5	11:10	0.1	0.2	14:35
PM-5	15.0	45.2	15:04	0.0	0.0	8:29
PM-6	7.3	12.3	15:03	0.0	0.0	8:29
WZ-1	16.4	24.8	11:13	0.1	0.0	9:07

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	8:29
PM-2	0.0	0.0	8:29
PM-3	0.0	0.0	8:50
PM-4	0.0	0.0	9:34
PM-5	0.0	0.0	8:30
PM-6	0.0	0.0	11:17
WZ-1	0.0	0.0	9:34



Air Monitoring Notes:

Sampling Notes:

Weather Notes:







# DAILY AIR MONITORING REPORT

## 250 Water Street Remediation Site

### Manhattan, New York

12/04/21

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

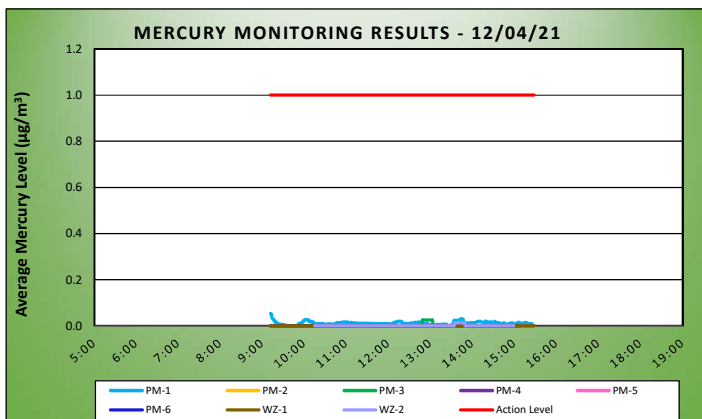
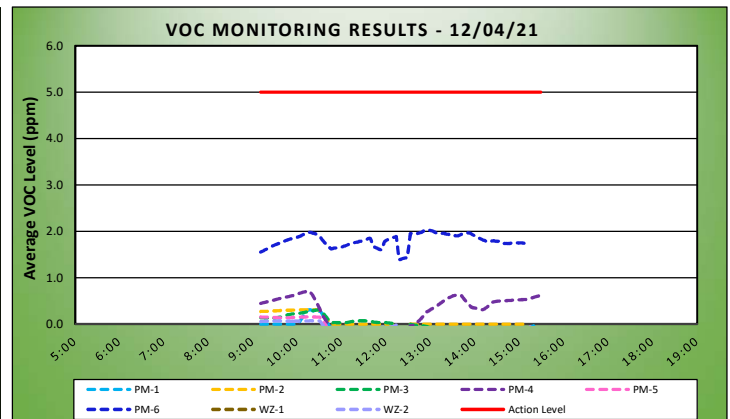
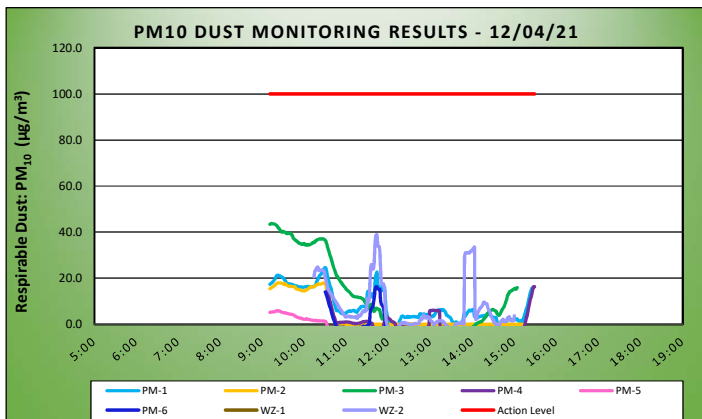
Hg Action Level ( $\mu\text{g}/\text{m}^3$ )

1.0

Weather Data Range for Work Day		Wind Direction	ESE	Relative Humidity (%)	41.0 - 52.4	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	44.7 - 48.5	Wind Speed (MPH)	1.7 - 6.7	Barometer (inHg)	30.12 - 30.21			

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	8.5	24.6	10:30	0.0	0.3	10:17
PM-2	4.1	18.0	9:23	0.1	0.3	10:07
PM-3	12.3	43.8	9:13	0.0	0.3	10:31
PM-4	0.4	16.3	15:29	0.3	0.7	10:16
PM-5	0.0	5.8	9:21	0.0	0.2	10:17
PM-6	0.0	16.3	11:43	1.8	2.0	12:54
WZ-1	N/A	0.0	N/A	0.0	0.0	10:17
WZ-2	7.5	38.9	11:43	0.0	0.1	10:19

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	9:12
PM-2	0.0	0.0	9:12
PM-3	0.0	0.0	12:49
PM-4	0.0	0.0	9:12
PM-5	0.0	0.0	9:12
PM-6	0.0	0.0	9:12
WZ-1	0.0	0.0	9:12
WZ-2	0.0	0.0	13:35



Air Monitoring Notes:

Sampling Notes:

Weather Notes:









# DAILY AIR MONITORING REPORT

## 250 Water Street Remediation Site

### Manhattan, New York

12/05/21

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

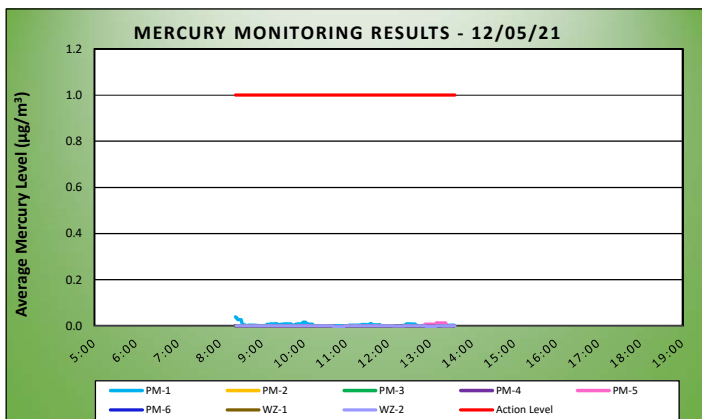
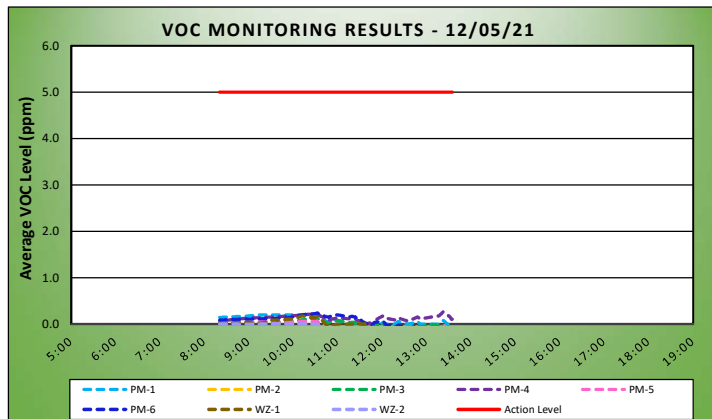
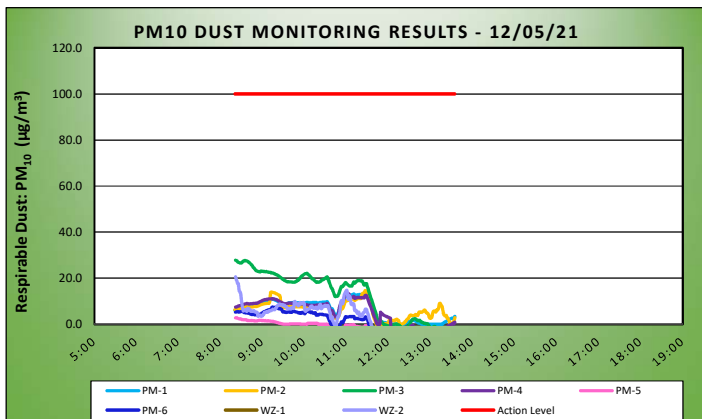
Hg Action Level ( $\mu\text{g}/\text{m}^3$ )

1.0

Weather Data Range for Work Day		Wind Direction	ESE	Relative Humidity (%)	29.9 - 35.2	Daily Rain (in)	0.01	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp ( $^{\circ}\text{F}$ )	45.3 - 48.9	Wind Speed (MPH)	1.4 - 5.3	Barometer (inHg)	30.43 - 30.47			

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	6.1	13.6	11:28	0.1	0.2	10:33
PM-2	6.4	14.6	11:27	0.0	0.1	8:58
PM-3	12.4	27.8	8:22	0.0	0.1	10:33
PM-4	5.2	13.3	11:03	0.1	0.3	13:23
PM-5	0.0	2.9	8:23	0.0	0.1	9:28
PM-6	0.0	7.5	9:15	0.1	0.2	10:33
WZ-1	N/A	0.0	N/A	0.0	0.2	10:13
WZ-2	1.6	20.6	8:22	0.0	0.0	8:32

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	8:22
PM-2	0.0	0.0	8:22
PM-3	0.0	0.0	8:22
PM-4	0.0	0.0	8:22
PM-5	0.0	0.0	8:22
PM-6	0.0	0.0	8:22
WZ-1	0.0	0.0	8:22
WZ-2	0.0	0.0	8:23



Air Monitoring Notes:

Sampling Notes:

Weather Notes:







# DAILY AIR MONITORING REPORT

## 250 Water Street Remediation Site

### Manhattan, New York

12/11/21

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

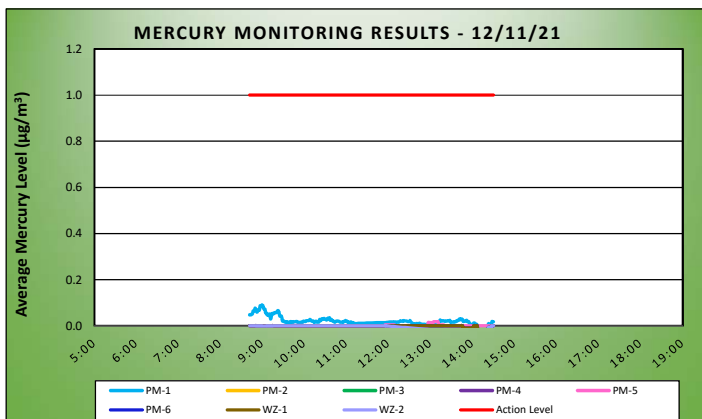
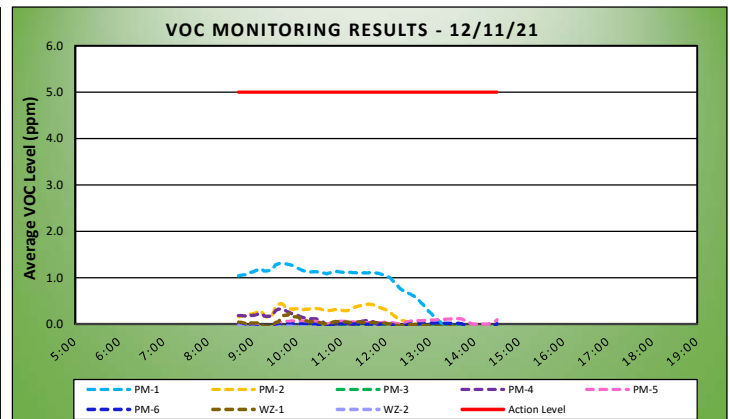
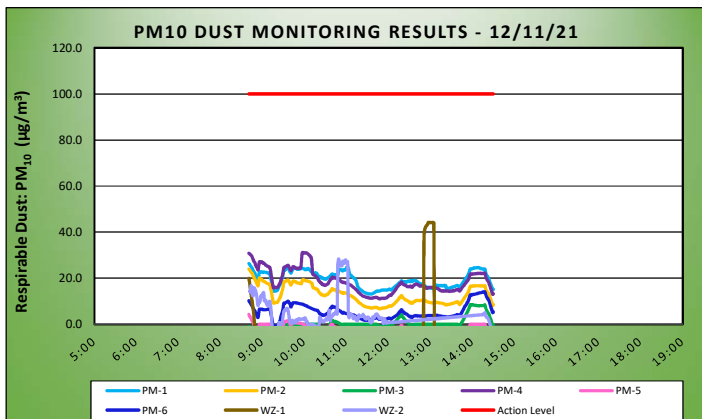
Hg Action Level ( $\mu\text{g}/\text{m}^3$ )

1.0

Weather Data Range for Work Day		Wind Direction	SE	Relative Humidity (%)	74.0 - 87.1	Daily Rain (in)	0.01	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp ( $^{\circ}\text{F}$ )	52.8 - 62.6	Wind Speed (MPH)	1.4 - 7.7	Barometer (inHg)	29.70 - 29.91			

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	19.5	26.3	8:41	0.7	1.3	9:41
PM-2	13.0	23.9	8:41	0.1	0.4	9:37
PM-3	0.0	8.6	13:59	0.0	0.0	10:25
PM-4	18.8	31.2	9:58	0.0	0.3	9:38
PM-5	0.0	4.2	8:41	0.0	0.1	13:39
PM-6	5.7	14.1	14:18	0.0	0.0	13:07
WZ-1	0.0	44.2	13:03	0.0	0.2	9:49
WZ-2	5.0	28.3	10:49	0.0	0.0	8:41

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	9:00
PM-2	0.0	0.0	8:42
PM-3	0.0	0.0	8:42
PM-4	0.0	0.0	8:42
PM-5	0.0	0.0	13:05
PM-6	0.0	0.0	8:42
WZ-1	0.0	0.0	8:42
WZ-2	0.0	0.0	8:42



Air Monitoring Notes:

Sampling Notes:

Weather Notes:







# DAILY AIR MONITORING REPORT

## 250 Water Street Remediation Site

### Manhattan, New York

12/12/21

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

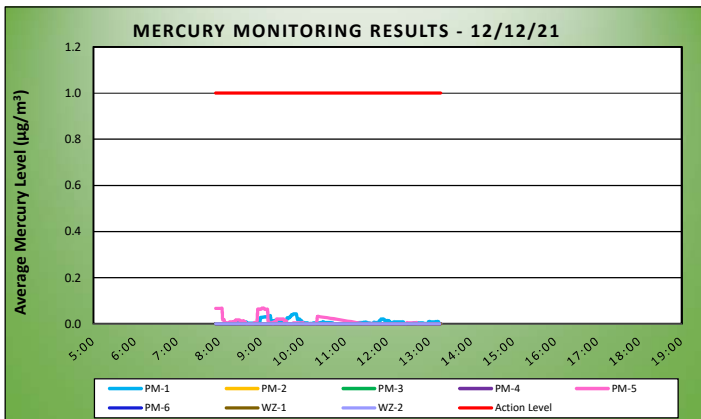
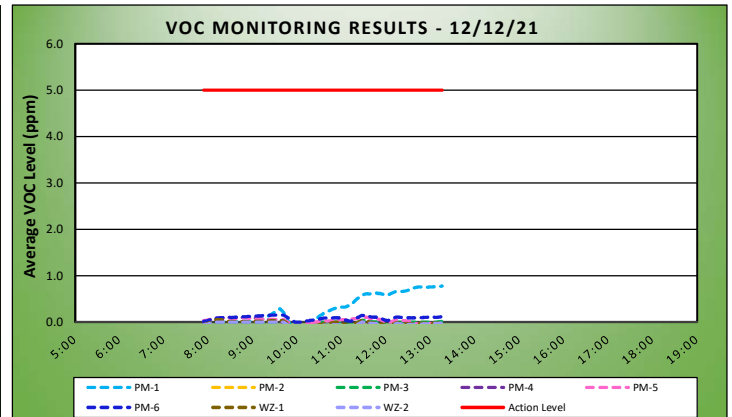
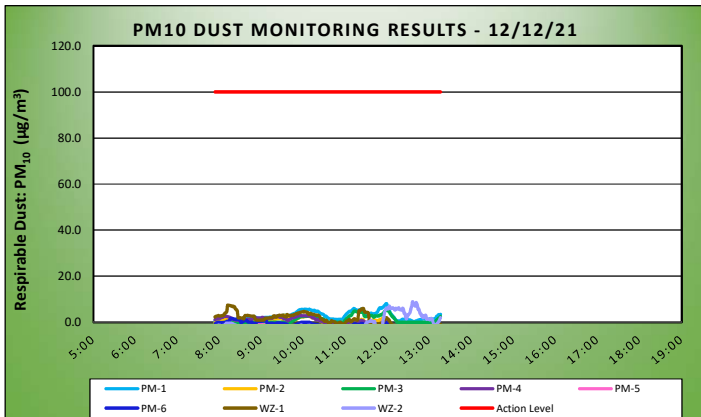
Hg Action Level ( $\mu\text{g}/\text{m}^3$ )

1.0

Weather Data Range for Work Day		Wind Direction	ENE	Relative Humidity (%)	24.4 - 40.3	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp ( $^{\circ}\text{F}$ )	43.8 - 50.9	Wind Speed (MPH)	0.9 - 6.5	Barometer (inHg)	30.11 - 30.20			

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	2.8	8.1	11:59	0.3	0.8	13:16
PM-2	0.0	3.1	9:33	0.0	0.0	8:08
PM-3	1.0	5.6	11:59	0.0	0.0	11:28
PM-4	0.0	3.1	9:53	0.0	0.1	8:55
PM-5	0.0	0.0	N/A	0.0	0.1	11:28
PM-6	0.0	1.6	8:16	0.1	0.2	9:37
WZ-1	1.1	7.4	8:12	0.0	0.1	8:18
WZ-2	0.0	8.9	12:36	0.0	0.0	9:08

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	9:46
PM-2	0.0	0.0	7:55
PM-3	0.0	0.0	7:55
PM-4	0.0	0.0	7:55
PM-5	0.0	0.1	9:01
PM-6	0.0	0.0	7:55
WZ-1	0.0	0.0	7:55
WZ-2	0.0	0.0	7:55



Air Monitoring Notes:

Sampling Notes:

Weather Notes:







# DAILY AIR MONITORING REPORT

## 250 Water Street Remediation Site

### Manhattan, New York

12/18/21

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

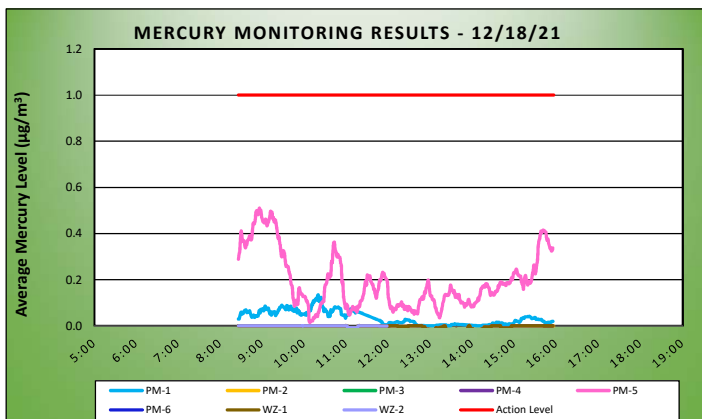
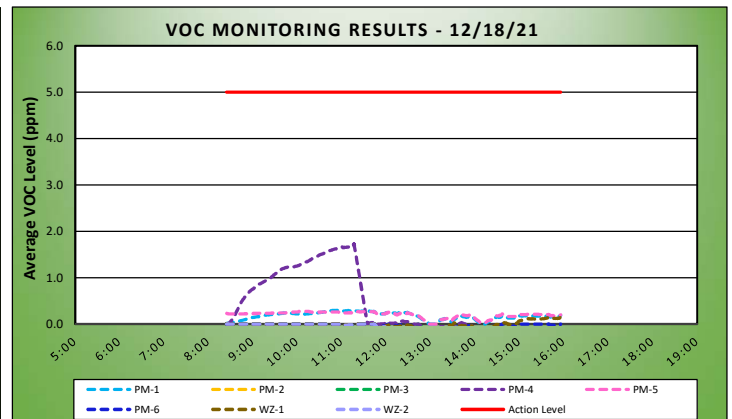
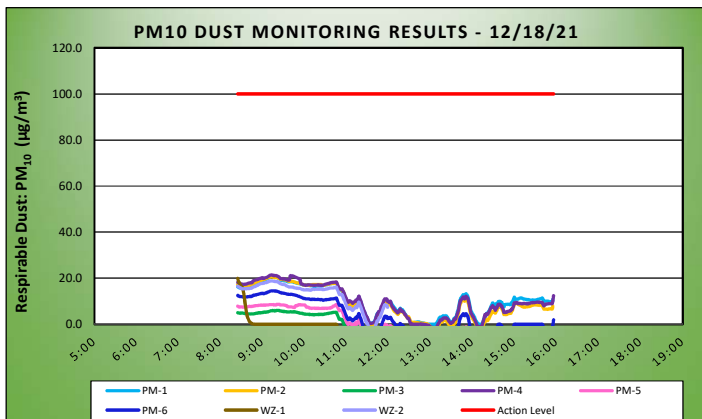
Hg Action Level ( $\mu\text{g}/\text{m}^3$ )

1.0

Weather Data Range for Work Day		Wind Direction	N	Relative Humidity (%)	72.4 - 79.8	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	40.8 - 44.6	Wind Speed (MPH)	0.8 - 5.5	Barometer (inHg)	30.03 - 30.22			

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	10.3	20.8	9:15	0.2	0.3	11:01
PM-2	9.3	20.7	9:14	0.0	0.0	8:25
PM-3	0.0	6.0	9:21	0.0	0.0	8:25
PM-4	10.2	21.4	9:14	0.4	1.7	11:17
PM-5	0.0	8.7	9:21	0.2	0.3	10:05
PM-6	2.7	14.5	9:14	0.0	0.0	11:44
WZ-1	0.0	19.9	8:25	0.0	0.2	15:56
WZ-2	12.7	18.9	9:12	0.0	0.0	8:25

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	10:20
PM-2	0.0	0.0	8:26
PM-3	0.0	0.0	8:26
PM-4	0.0	0.0	8:26
PM-5	0.2	0.5	8:56
PM-6	0.0	0.0	8:26
WZ-1	0.0	0.0	8:26
WZ-2	0.0	0.0	8:26

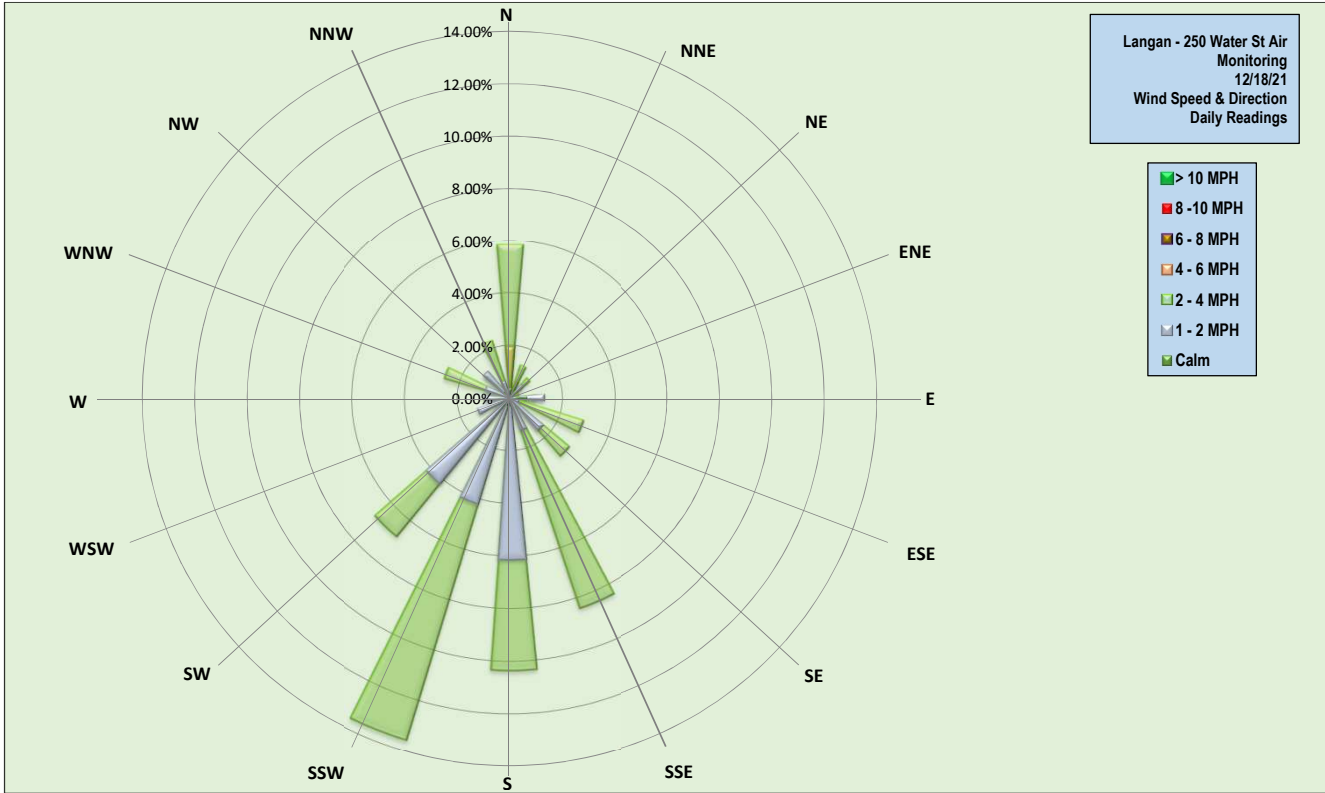


Air Monitoring Notes:

Sampling Notes:

Weather Notes:









# DAILY AIR MONITORING REPORT

## 250 Water Street Remediation Site

### Manhattan, New York

12/19/21

Project number: 170381202

Page 1 of 2

Submitted By:

Rev. No. 0

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

100

VOC Action Level (ppm)

5

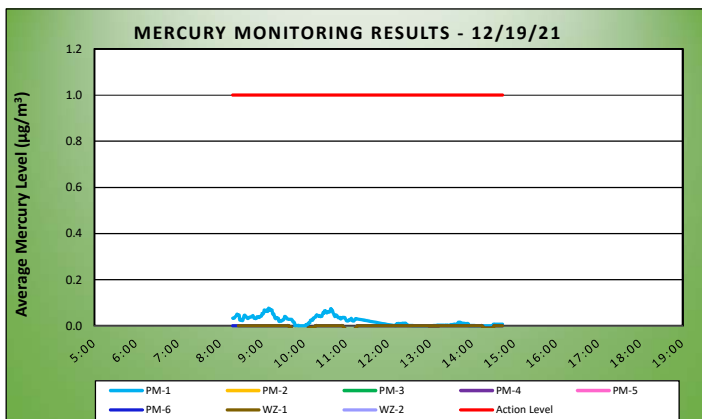
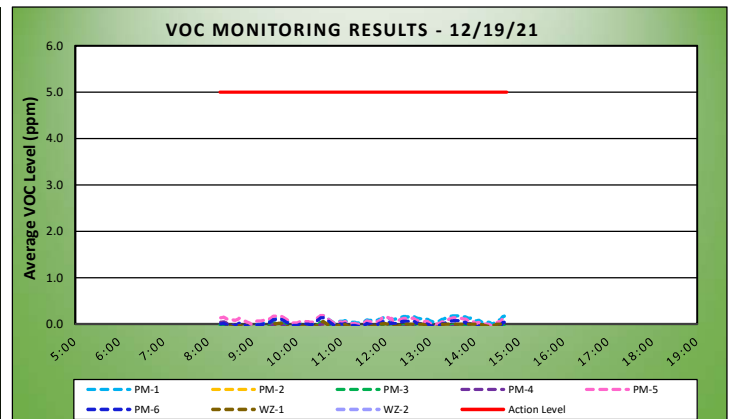
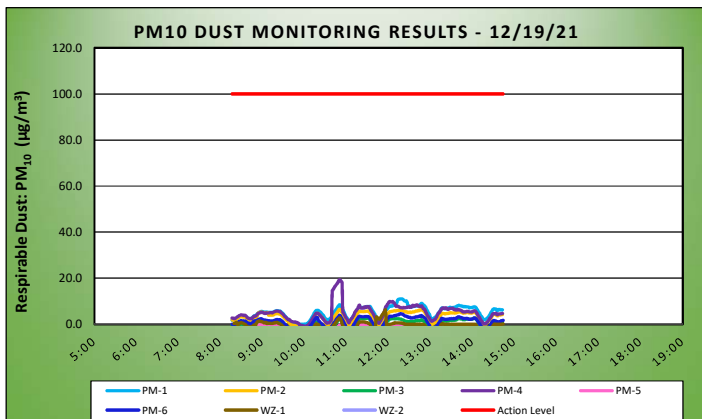
Hg Action Level ( $\mu\text{g}/\text{m}^3$ )

1.0

Weather Data Range for Work Day		Wind Direction	SSE	Relative Humidity (%)	42.3 - 55.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp ( $^{\circ}\text{F}$ )	39.0 - 41.7	Wind Speed (MPH)	1.5 - 7.6	Barometer (inHg)	30.05 - 30.15			

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	5.1	11.0	12:17	0.1	0.2	10:36
PM-2	3.3	6.5	12:47	0.0	0.0	10:32
PM-3	0.2	2.7	14:03	0.0	0.0	10:32
PM-4	4.9	19.3	10:51	0.0	0.0	8:21
PM-5	0.0	0.0	8:58	0.1	0.2	10:36
PM-6	1.0	4.6	12:17	0.0	0.1	10:36
WZ-1	0.0	6.3	11:56	0.0	0.1	10:36
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	0.1	9:09
PM-2	0.0	0.0	8:18
PM-3	0.0	0.0	8:18
PM-4	0.0	0.0	8:18
PM-5	0.0	0.0	8:18
PM-6	0.0	0.0	8:18
WZ-1	0.0	0.0	8:26
WZ-2	N/A	0.0	N/A



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



