


NYSDEC Division of Environmental Remediation				Contract No. – D009812-26 DEC PM – Michael Sollecito Consultant PM – Lindsay O’Hara Consultant Insp – Michael Kensell	
Site Location: 250 Water Street, New York, NY					
Weather Conditions					
Clear	Partly Cloudy	AM	Partly Cloudy	PM	
Temperature	74-82 °F		82-88 °F		
Wind	2-4 mph SSE		2-4 mph SSE		

Health & Safety If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.			
Were there any changes to the Health & Safety Plan?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any nuisance issues reported/observed on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>

Health & Safety Comments <ul style="list-style-type: none"> TRC tailgate safety meeting discussed PPE (specifically hard hat, safety glasses, and safety boots and vests), housekeeping and proper tool selection for the task.

Summary of Work Performed	Arrived at site: 0700	Departed Site: 1200
Site Activities: TRC was present to implement the Site Characterization (NYSDEC Contract No. D009812, WA-26) at the 250 Water Street P-site (Site No. 231127). Completed field activities are summarized below: <ul style="list-style-type: none"> NOVA performed a utility locating survey using a GPR Scanner and RD7100 Utility Locator. NOVA marked out proposed soil boring/monitoring well and soil vapor sampling locations throughout the work area. Locations were adjusted in the field based on access/consultation with NYSDEC. An updated Site plan will be provided in the following daily summary report. 		
Sampling: <ul style="list-style-type: none"> No samples were collected. 		
CAMP Activities: <ul style="list-style-type: none"> Air monitoring was not performed since ground intrusive activities were not performed. 		
Anticipated Activities: <ul style="list-style-type: none"> AARCO (TRC’s drilling subcontractor) and TRC will begin intrusive work activities on 7/11/23 including advancement of soil borings, installation of soil vapor probes and installation of monitoring wells within the work area. TRC will implement CAMP during ground intrusive activities. 		

Equipment/Material Tracking			
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".			
Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not tarped?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Personnel and Equipment: On Site Hours			
Individual	Company	Trade	Total Hours
Michael Kensell	TRC	Environmental Consultant	5
Maya Wells	TRC	Environmental Consultant	5
Chris Steinway	NOVA	Utility Locator	5
Raymond Looney	NOVA	Utility Locator	5

Equipment Description	Contractor/Vendor	Quantity	Used (hr)
GPR Scanner and RD7100 Utility	NOVA	1/1	5

Material Description	Imported/Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*
NA						

Equipment/Material Tracking Comments:

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
NA		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



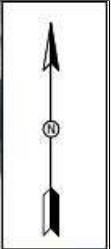
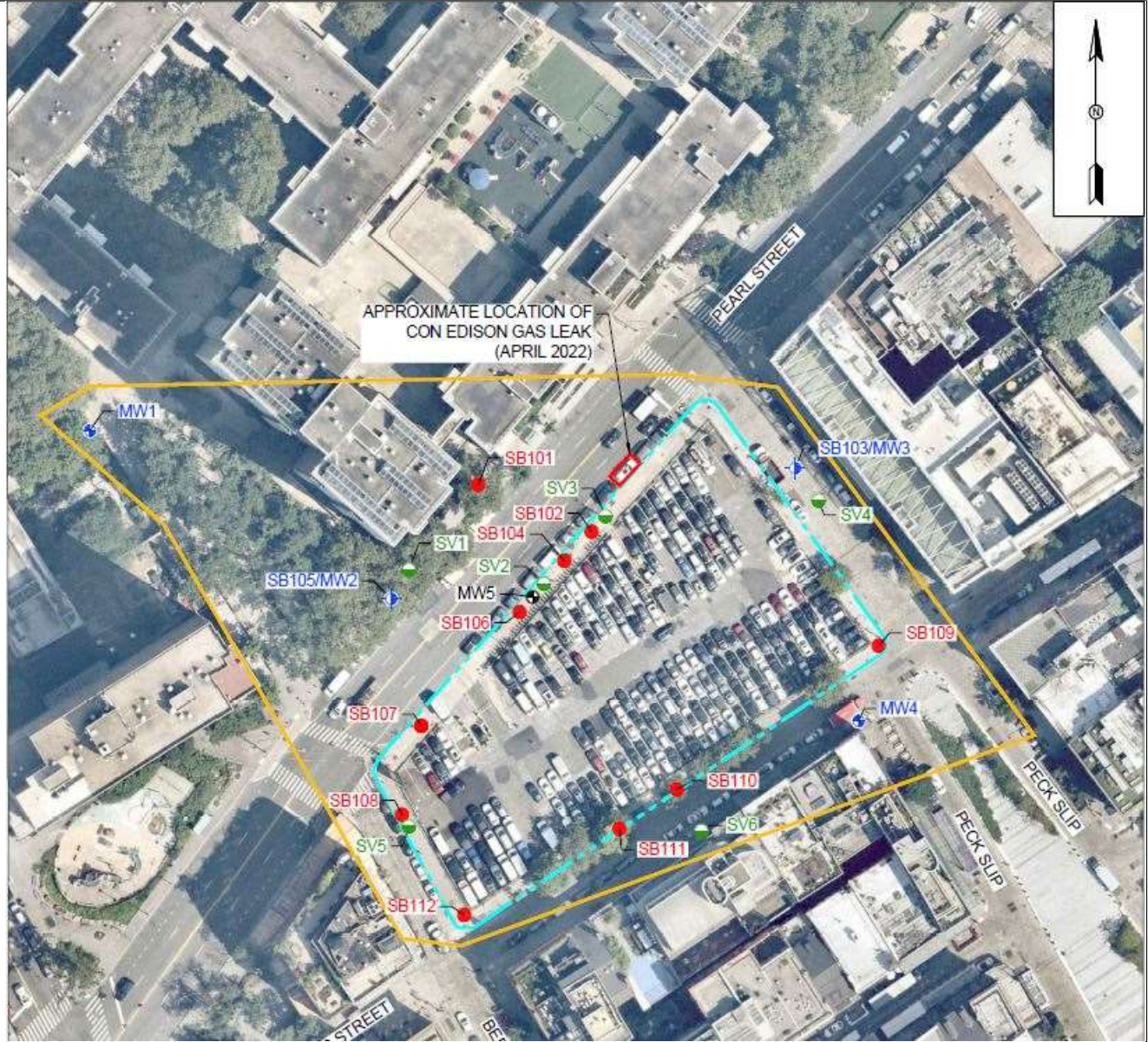
Site Representatives	
Name	Representing
Michael Sollecito	NYSDEC

Project Schedule Comments
None

Issues Pending
None

Interaction with Public, Property Owners, Media, etc.
None

Site Map



LEGEND (SYMBOLS NOT TO SCALE):

- APPROXIMATE BCP SITE BOUNDARY
- APPROXIMATE OFF-SITE P-SITE INVESTIGATION AREA BOUNDARY (EXCLUDES BCP SITE)
- EXISTING MONITORING WELL
- PROPOSED SOIL BORING / MONITORING WELL
- PROPOSED MONITORING WELL
- PROPOSED SOIL BORING
- PROPOSED SOIL VAPOR SAMPLE

- CM-1 Approximate location of air monitoring station
- WZ-1 Approximate location of work zone air monitoring station
- Approximate location of soil borings sampled
- Approximate location of completed soil borings and monitoring well
- Approximate location of completed soil vapor sample

Comments:

Site Inspector(s): Michael Kensell **Date:** 7/10/2023

Site Photographs (Descriptions Below)



Photo 1: Nova performing utility locating survey on western sidewalk of Beekman Street.

Comments:

Site Inspector(s): Michael Kensell **Date:** 7/10/2023

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work. Yes No

REMEDIAL ACTIVITIES AT PROPERTIES


On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Liners and berms have been installed if necessary to prevent cross contamination of clean areas.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are in good condition or properly overpacked? N/A	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Complying with RCRA 90-day storage limitation for hazardous waste?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Piles are securely covered when not in use?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are closed when not in use?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Staging areas should be inspected periodically and any issues addressed immediately?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If any issues noted, has Contractor been notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Comments:

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was turbidity checked at the outfall(s)?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

NYSDEC Division of Environmental Remediation				Contract No. – D009812-26 DEC PM – Michael Sollecito Consultant PM – Lindsay O’Hara Consultant Insp – Michael Kensell	
Site Location: 250 Water Street, New York, NY					
Weather Conditions					
Clear	Clear	AM	Clear	PM	
Temperature	74-82°F		82-92°F		
Wind	1.7-5.3 mph WSW		1.7-5.3 mph WSW		

Health & Safety If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.			
Were there any changes to the Health & Safety Plan?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any nuisance issues reported/observed on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>

Health & Safety Comments <ul style="list-style-type: none"> TRC tailgate safety meeting discussed PPE (specifically hard hat, safety glasses, and safety vests), housekeeping and proper tool selection for the task.
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Summary of Work Performed	Arrived at site:	0615	Departed Site:	1330
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<p>Site Activities:</p> <p>TRC was present to implement the Site Characterization (NYSDEC Contract No. D009812, WA-26) at the 250 Water Street P-site (Site No. 231127). Completed field activities are summarized below:</p> <ul style="list-style-type: none"> AARCO (TRC’s subcontractor) used a Geoprobe 7822 DT drill rig with Macro-Core® samplers to advance one soil boring to approximately 25 feet below ground surface (bgs) as summarized below. <ul style="list-style-type: none"> SB103: The soil boring was hand cleared to 5 feet bgs. No odors, staining, or elevated photoionization detector (PID) readings were observed on recovered soil samples. Mercury vapor concentrations above background were not identified with a Jerome J505 unit. A maximum mercury vapor concentration of 0.15 micrograms per cubic meter (µg/m3) was recorded from 8 to 10 feet bgs. Total mercury concentrations evaluated with the SciAps X-550 XRF were less than the limit of detection (LOD). AARCO used a Geoprobe 7822 DT drill rig to install monitoring well MW3 utilizing hollow-stem augers with the following construction: <ul style="list-style-type: none"> MW3 consists of a 2-inch diameter Schedule 40 poly-vinyl chloride (PVC) riser and 10-slot screen from approximately 5 to 20 feet bgs. MW3 will be developed at a future date.

<p>Sampling:</p> <p>The following samples were collected and shipped to Pace Analytical Laboratory (Con-Test) a New York State Department of Environmental Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in East Longmeadow, Massachusetts for analyses proposed in the scope of work:</p> <ul style="list-style-type: none"> The following sample depths were submitted for analysis of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, total cyanide, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS): <ul style="list-style-type: none"> SB103: 2-4 and 7-9 feet bgs
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CAMP Activities:

Prior to intrusive work activities and implementation of the CAMP, instantaneous background concentrations of mercury vapor, particulates, and VOCs were recorded at each CAMP station as follows:

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.00 µg/m³.

Daily Average Concentrations			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.020	0.0	0.01
CM-2	0.021	0.0	0.00
CM-3	0.030	0.0	0.01
CM-4	0.036	0.0	0.00
WZ-1	0.028	0.0	0.06
WZ-2	0.042	0.0	0.00

Maximum 15-Minute Concentration			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.028	0.0	0.07
CM-2	0.027	0.0	0.11
CM-3	0.035	0.0	0.10
CM-4	0.044	0.0	0.06
WZ-1	0.057	0.0	0.39
WZ-2	0.058	0.0	0.07

Note:

Dust Action Level – .100 mg/m³
 VOC Action Level – 5.0 ppm
 Mercury Action Level – 1.0 µg/m³

Prior to shut down of the daily CAMP, mercury vapor, VOC, and particulate concentrations were recorded and were consistent with the daily background concentrations.

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.00 µg/m³.

Anticipated Activities:

- AARCO (TRC's drilling subcontractor) and TRC will continue intrusive work activities on 7/12/23 including advancement of soil borings, installation of soil vapor probes and installation of monitoring wells within the work area.
- TRC will implement CAMP during ground intrusive activities.

Equipment/Material Tracking			
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".			
Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not tarped?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Personnel and Equipment: On Site Hours			
Individual	Company	Trade	Total Hours
Michael Kensell	TRC	Environmental Consultant	7
Maya Wells	TRC	Environmental Consultant	7
Jose Galarza	AARCO	Driller	6
Julio Galarza	AARCO	Driller/Laborer	6

Equipment Description	Contractor/Vendor	Quantity	Used (hr)
Geoprobe 7822DT/Macrocore samplers	AARCO	1	5.5
Jerome 405 Mercury Analyzer	TRC/Pine Environmental	1	6.5
Jerome 505 Mercury Analyzer	TRC/Pine Environmental	4	6.5
Jerome 405 Mercury Analyzer	TRC/Eco-Solutions	2	6.5
PID Mini RAE 3000	TRC/Pine Environmental	7	6.5
DustTrak2 Desktop Monitor 8350	TRC/Pine Environmental	6	6.5
SciAps X-550 XRF	TRC/Pine Environmental	1	4

Material Description	Imported/Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



Site Representatives	
Name	Representing
Michael Sollecito	NYSDEC

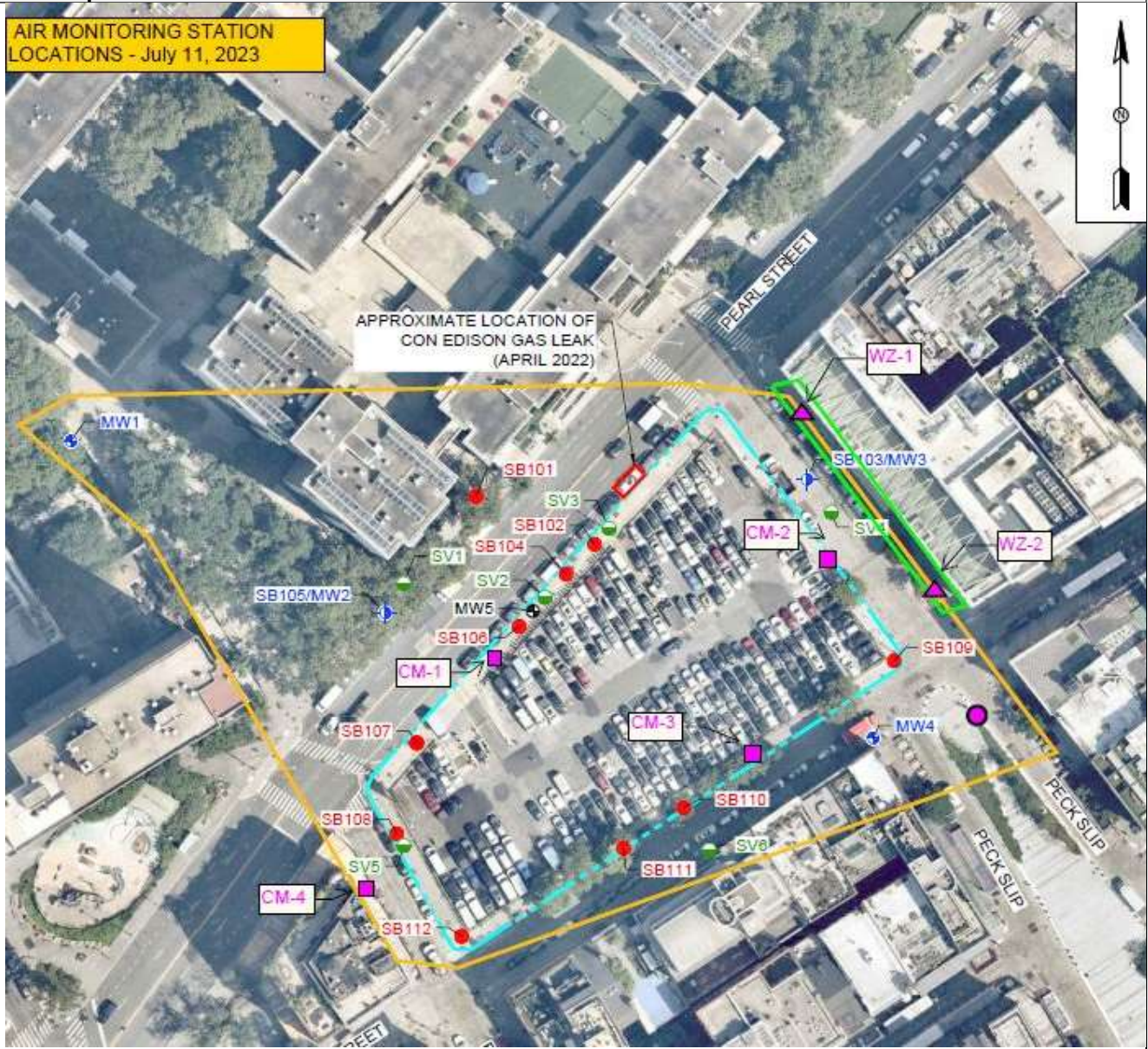
Project Schedule Comments
None

Issues Pending
Note that select sample locations on the southern Pearl Street sidewalk (i.e., SB104, SV2) are covered with a field trailer. A second mobilization may be required to advance the borings/vapor points once the field trailer is moved, following consultation with NYSDEC.

Interaction with Public, Property Owners, Media, etc.
None

Site Map

AIR MONITORING STATION
 LOCATIONS - July 11, 2023



LEGEND (SYMBOLS NOT TO SCALE):

- APPROXIMATE BCP SITE BOUNDARY
- APPROXIMATE OFF-SITE P-SITE INVESTIGATION AREA BOUNDARY (EXCLUDES BCP SITE)
- EXISTING MONITORING WELL
- PROPOSED SOIL BORING / MONITORING WELL
- PROPOSED MONITORING WELL
- PROPOSED SOIL BORING
- PROPOSED SOIL VAPOR SAMPLE
- APPROXIMATE LOCATION OF AIR MONITORING STATION
- APPROXIMATE LOCATION OF WORK ZONE AIR MONITORING STATION
- APPROXIMATE LIMITS OF THE WORK AREA
- APPROXIMATE LOCATION OF WEATHER STATION

Comments:

Site Inspector(s): Michael Kensell	Date: 7/10/2023
Site Photographs (Descriptions Below)	
	
Photo 1: AARCO advancing SB103 via hand auger.	

Comments:	
Site Inspector(s): Michael Kensell	Date: 7/11/2023

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work. Yes No

REMEDIAL ACTIVITIES AT PROPERTIES


On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Liners and berms have been installed if necessary to prevent cross contamination of clean areas.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are in good condition or properly overpacked? N/A	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Complying with RCRA 90-day storage limitation for hazardous waste?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Piles are securely covered when not in use?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are closed when not in use?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Staging areas should be inspected periodically and any issues addressed immediately?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If any issues noted, has Contractor been notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

<u>Comments:</u>

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was turbidity checked at the outfall(s)?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

NYSDEC Division of Environmental Remediation				Contract No. – D009812-26 DEC PM – Michael Sollecito Consultant PM – Lindsay O’Hara Consultant Insp – Michael Kensell	
Site Location: 250 Water Street, New York, NY					
Weather Conditions					
Clear	Clear	AM	Clear	PM	
Temperature	74-88°F		88-92°F		
Wind	3.3-7.2 mph SSW		3.3-7.2 mph SSW		

Health & Safety
 If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.

Were there any changes to the Health & Safety Plan?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any nuisance issues reported/observed on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>

Health & Safety Comments

- TRC tailgate safety meeting discussed PPE (specifically hard hat, safety glasses, and safety vests), housekeeping and proper tool selection for the task.

Summary of Work Performed	Arrived at site:	0615	Departed Site:	1400
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Site Activities:
 TRC was present to implement the Site Characterization (NYSDEC Contract No. D009812, WA-26) at the 250 Water Street P-site (Site No. 231127). Completed field activities are summarized below:

- AARCO (TRC’s subcontractor) used a Geoprobe 7822 DT drill rig with Macro-Core® samplers to advance two soil borings to approximately 25 feet below ground surface (bgs) as summarized below.
 - SB101: The soil boring was hand cleared to 5 feet bgs. No odors, staining, or elevated photoionization detector (PID) readings were observed on recovered soil samples. A maximum mercury vapor concentration above background of 0.86 micrograms per cubic meter (µg/m³) was identified with a Jerome J505 unit from 2 to 4 feet bgs. Total mercury concentrations evaluated with the SciAps X-550 XRF were detected at 13 parts per million (ppm) from 2 to 4 feet bgs.
 - SB105: The soil boring was hand cleared to 5 feet bgs. No odors, staining or elevated PID readings were observed on recovered soil samples. A maximum mercury vapor concentration above background of 0.16 micrograms per cubic meter (µg/m³) was identified with a Jerome J505 unit from 2 to 4 feet bgs.
- AARCO used a Geoprobe 7822 DT drill rig to install monitoring well MW1 and MW2 utilizing hollow-stem augers with the following construction:
 - MW1 consists of a 2-inch diameter Schedule 40 poly-vinyl chloride (PVC) riser and 10-slot screen from approximately 10 to 25 feet bgs. MW1 will be developed at a future date.
 - MW2 consists of a 2-inch diameter Schedule 40 poly-vinyl chloride (PVC) riser and 10-slot screen from approximately 10 to 25 feet bgs. MW2 will be developed at a future date.

Sampling:
 The following samples were collected and shipped to Pace Analytical Laboratory (Con-Test) a New York State Department of Environmental Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in East Longmeadow, Massachusetts for analyses proposed in the scope of work:

- The following sample depths were submitted for analysis of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, total cyanide, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS):
 - SB101: 2-4 and 8-10 feet bgs
 - SB105: 2-4 and 13-15 feet bgs

CAMP Activities:

Prior to intrusive work activities and implementation of the CAMP, instantaneous background concentrations of mercury vapor, particulates, and VOCs were recorded at each CAMP station as follows:

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.00 mg/m³.

Daily Average Concentrations			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.034	0.0	0.11
CM-2	0.036	0.0	0.08
CM-3	0.050	0.0	0.03
CM-4	0.054	0.0	0.00
WZ-1	0.052	0.0	0.00
WZ-2	0.068	0.0	0.00

Maximum 15-Minute Concentration			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.043	0.0	0.24
CM-2	0.051	0.0	0.41
CM-3	0.063	0.0	0.06
CM-4	0.067	0.3	0.00
WZ-1	0.074	0.0	0.00
WZ-2	0.091	0.0	0.04

Note:

Dust Action Level – .100 mg/m³
 VOC Action Level – 5.0 ppm
 Mercury Action Level – 1.0 µg/m³

Prior to shut down of the daily CAMP, mercury vapor, VOC, and particulate concentrations were recorded and were consistent with the daily background concentrations.

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.00 mg/m³.

Anticipated Activities:

- AARCO (TRC's drilling subcontractor) and TRC will continue intrusive work activities on 7/12/23 including advancement of soil borings, installation of soil vapor probes and installation of monitoring wells within the work area.
- TRC will implement CAMP during ground intrusive activities.

Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".			
Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not tarped?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Personnel and Equipment: On Site Hours			
Individual	Company	Trade	Total Hours
Michael Kensell	TRC	Environmental Consultant	8
Ezra Stobbe	TRC	Environmental Consultant	8
Maya Wells	TRC	Environmental Consultant	1
Jose Galarza	AARCO	Driller	7
Julio Galarza	AARCO	Driller/Laborer	7
Equipment Description	Contractor/Vendor	Quantity	Used (hr)
Geoprobe 7822DT/Macrocore samplers	AARCO	1	6
Jerome 405 Mercury Analyzer	TRC/Pine Environmental	1	6.5
Jerome 505 Mercury Analyzer	TRC/Pine Environmental	4	6.5
Jerome 405 Mercury Analyzer	TRC/Eco-Solutions	2	6.5
PID Mini RAE 3000	TRC/Pine Environmental	7	6.5
DustTrak2 Desktop Monitor 8350	TRC/Pine Environmental	6	6.5
SciAps X-550 XRF	TRC/Pine Environmental	1	4

Material Description	Imported/Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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Site Representatives	
Name	Representing
Michael Sollecito	NYSDEC

Project Schedule Comments
None

Issues Pending
Note that select sample locations on the southern Pearl Street sidewalk (i.e., SB104, SV2) are covered with a field trailer. A second mobilization may be required to advance the borings/vapor points once the field trailer is moved, following consultation with NYSDEC.

Interaction with Public, Property Owners, Media, etc.
None


Site Map



LEGEND (SYMBOLS NOT TO SCALE):

- APPROXIMATE BCP SITE BOUNDARY
- APPROXIMATE OFF-SITE P-SITE INVESTIGATION AREA BOUNDARY (EXCLUDES BCP SITE)
- MW# EXISTING MONITORING WELL
- + SB###/MW# PROPOSED SOIL BORING / MONITORING WELL
- + MW# PROPOSED MONITORING WELL
- SB### PROPOSED SOIL BORING
- SV# PROPOSED SOIL VAPOR SAMPLE
- Approximate location of air monitoring station
- ▲ Approximate location of work zone air monitoring station
- Approximate limits of the work area
- Approximate location of weather station

Comments:

Site Inspector(s): Michael Kensell	Date: 7/10/2023
Site Photographs (Descriptions Below)	
	
Photo 1: AARCO advancing SB105 with a Geoprobe 7822 DT drillrig.	

Comments:

Site Inspector(s): Michael Kensell	Date: 7/12/2023
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Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work.
 Yes No

REMEDIAL ACTIVITIES AT PROPERTIES

On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Liners and berms have been installed if necessary to prevent cross contamination of clean areas.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are in good condition or properly overpacked? N/A	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Complying with RCRA 90-day storage limitation for hazardous waste?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Piles are securely covered when not in use?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are closed when not in use?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Staging areas should be inspected periodically and any issues addressed immediately?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If any issues noted, has Contractor been notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Comments:

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was turbidity checked at the outfall(s)?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			



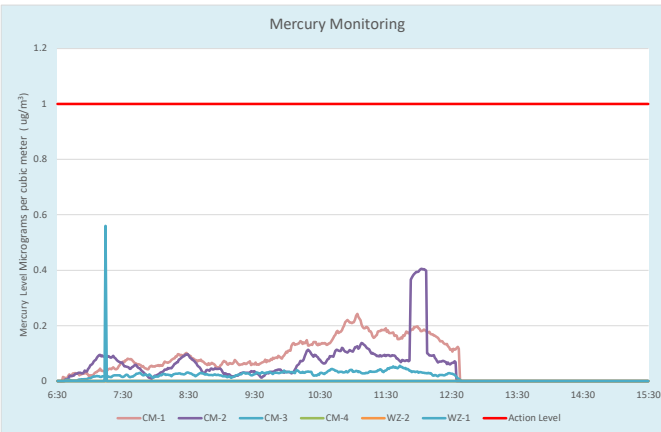
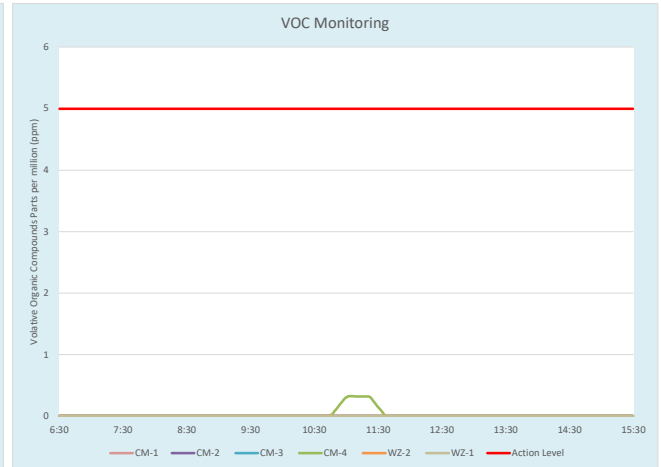
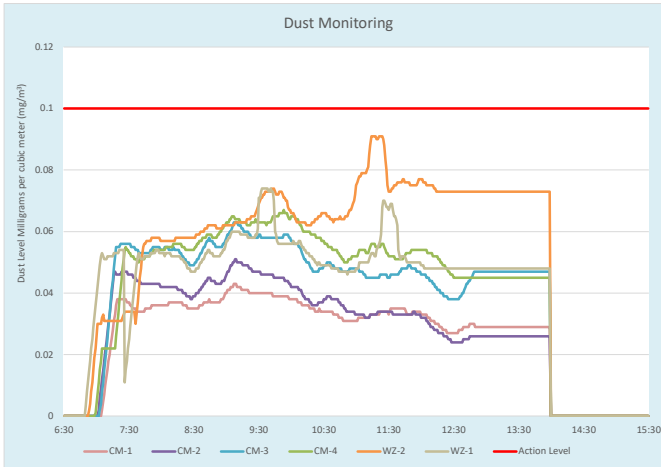
**DAILY AIR MONITORING REPORT
250 WATER STREET
MANHATTAN, NEW YORK**


7/12/2023	
Project No. 472223.0000.0000	
Page 1 of 1	Rev. No. 0
Submitted by: Ezra Stobbe	
Dust Action Level (mg/m3)	0.100
VOC Action Level (ppm)	5.0
Mercury Action Level (µg/m3)	1.0

Weather Data Range for Work Day	Wind Direction	SSW	Relative Humidity (%)	41-52	Daily Rain (in)	0
Temp (F)	74-92	Wind Speed	3.3-7.2	Barometer (inHg)		

Station Location	Daily Avg Dust Concentration (mg/m3)	Max 15 Minute Dust Concentration (mg/m3)	Time of Max 15 Minute Avg Dust Reading	Daily Avg Voc Concentration (ppm)	Max 15 Minute VOC Concentration (ppm)	Time of Max 15 Minute Avg VOC Reading
CM-1	0.034	0.043	9:07	0.0	0.0	N/A
CM-2	0.036	0.051	9:08	0.0	0.0	N/A
CM-3	0.050	0.063	9:07	0.0	0.0	N/A
CM-4	0.054	0.067	9:53	0.0	0.3	11:02
WZ-1	0.052	0.074	9:33	0.0	0.0	N/A
WZ-2	0.068	0.091	11:14	0.0	0.0	N/A

Station Location	Daily Avg Mercury Concentration (µg/m3)	Max 15 Minute Mercury Concentration (µg/m3)	Time of Max 15 Minute Avg Mercury Reading
CM-1	0.11	0.24	11:04
CM-2	0.08	0.41	12:03
CM-3	0.03	0.06	11:43
CM-4	0.00	0.00	6:30
WZ-1	0.00	0.00	6:30
WZ-2	0.00	0.04	7:14



NYSDEC Division of Environmental Remediation				Contract No. – D009812-26 DEC PM – Michael Sollecito Consultant PM – Lindsay O’Hara Consultant Insp – Michael Kensell	
Site Location: 250 Water Street, New York, NY					
Weather Conditions					
Clear	Clear	AM	Clear	PM	
Temperature	80-93°F		93-95°F		
Wind	3.3-12.2 mph SW		5.4-12.2 mph SE		

Health & Safety If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.			
Were there any changes to the Health & Safety Plan?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any nuisance issues reported/observed on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>

Health & Safety Comments <ul style="list-style-type: none"> TRC tailgate safety meeting discussed PPE (specifically hard hat, safety glasses, and safety vests), housekeeping and proper tool selection for the task.

Summary of Work Performed	Arrived at site: 0615	Departed Site: 1415
Site Activities: TRC was present to implement the Site Characterization (NYSDEC Contract No. D009812, WA-26) at the 250 Water Street P-site (Site No. 231127). Completed field activities are summarized below:		
<ul style="list-style-type: none"> AARCO (TRC’s subcontractor) used a Geoprobe 7822 DT drill rig with Macro-Core® samplers to advance one soil borings to approximately 25 feet below ground surface (bgs) as summarized below. <ul style="list-style-type: none"> SB109: The soil boring was hand cleared to 5 feet bgs. Odors, staining, and elevated photoionization detector (PID) readings up to >15000 parts per million (ppm) were observed from approximately 1 to 20 feet bgs. A maximum mercury vapor concentration above background of 0.02 micrograms per cubic meter (µg/m³) was identified with a Jerome J505 unit from 12 to 14 feet bgs. Total mercury concentrations evaluated with the SciAps X-550 XRF were less than the limit of detection (LOD). AARCO used a Geoprobe 7822 DT drill rig with Macro-Core® samplers and a hand auger to advance one soil borings to approximately 5 feet bgs. Due to evidence of a steam line in the vicinity, the boring was terminated at 5 feet bgs. <ul style="list-style-type: none"> SB110: The soil boring was hand cleared to 5 feet bgs. No odors, staining or elevated PID readings were observed on recovered soil samples. A maximum mercury vapor concentration above background of 0.04 micrograms per cubic meter (µg/m³) was identified with a Jerome J505 unit from 2 to 4 feet bgs. Total mercury concentrations evaluated with the SciAps X-550 XRF were less than the LOD. AARCO used a Geoprobe 7822 DT drill rig to install monitoring well MW4 utilizing hollow-stem augers with the following construction: <ul style="list-style-type: none"> MW4 consists of a 2-inch diameter Schedule 40 poly-vinyl chloride (PVC) riser and 10-slot screen from approximately 10 to 25 feet bgs. MW4 will be developed at a future date. AARCO used a Geoprobe 7822 DT drill rig with a closed point sampler to install one soil vapor probe. After installation and prior to sampling, the sample tubing was purged and a mercury vapor reading was collected with a Jerome 505. <ul style="list-style-type: none"> Soil vapor probe SV4 was installed to approximately 8 feet bgs. No elevated PID readings or mercury vapor concentrations above background were observed. 		

Sampling:

The following samples were collected and shipped to Pace Analytical Laboratory (Con-Test) a New York State Department of Environmental Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in East Longmeadow, Massachusetts for analyses proposed in the scope of work:

- The following sample depths were submitted for analysis of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, total cyanide, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS):
 - SB109: 2-4, 10-12, and 20-22 feet bgs
 - SB110: 2-4 feet bgs
- The following soil vapor samples were collected for analysis of VOCs by USEPA Method TO-15 and mercury vapor by NIOSH Method 6009:
 - SV4: Two-hour duration samples were collected using a 6-liter summa canister (for analysis for VOCs) and sorbent tube (for analysis for mercury).

CAMP Activities:

Prior to intrusive work activities and implementation of the CAMP, instantaneous background concentrations of mercury vapor, particulates, and VOCs were recorded at each CAMP station as follows:

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.00 mg/m³.

Daily Average Concentrations			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.038	0.0	0.16
CM-2	0.040	0.0	0.05
CM-3	0.050	0.0	0.07
CM-4	0.056	0.1	0.00
WZ-1	0.056	0.0	0.07
WZ-2	0.060	0.0	0.01

Maximum 15-Minute Concentration			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.052	0.0	0.25
CM-2	0.058	0.0	0.11
CM-3	0.068	0.0	0.14
CM-4	0.064	1.4	0.28
WZ-1	0.077	0.0	0.67
WZ-2	0.069	0.0	0.06

Note:

Dust Action Level – .100 mg/m³
 VOC Action Level – 5.0 ppm
 Mercury Action Level – 1.0 µg/m³

Prior to shut down of the daily CAMP, mercury vapor, VOC, and particulate concentrations were recorded and were consistent with the daily background concentrations.

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.00 mg/m³.

Anticipated Activities:

- AARCO (TRC's drilling subcontractor) and TRC will continue intrusive work activities on 7/14/23 including advancement of soil borings, installation of soil vapor probes and installation of monitoring wells within the work area.
- TRC will implement CAMP during ground intrusive activities.

Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".			
Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not tarped?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Personnel and Equipment: On Site Hours			
Individual	Company	Trade	Total Hours
Michael Kensell	TRC	Environmental Consultant	8
Ezra Stobbe	TRC	Environmental Consultant	8
Jose Galarza	AARCO	Driller	7
Julio Galarza	AARCO	Driller/Laborer	7

Equipment Description	Contractor/Vendor	Quantity	Used (hr)
Geoprobe 7822DT/Macrocore samplers	AARCO	1	6
Jerome 405 Mercury Analyzer	TRC/Pine Environmental	1	6.5
Jerome 505 Mercury Analyzer	TRC/Pine Environmental	4	6.5
Jerome 405 Mercury Analyzer	TRC/Eco-Solutions	2	6.5
PID Mini RAE 3000	TRC/Pine Environmental	7	6.5
DustTrak2 Desktop Monitor 8350	TRC/Pine Environmental	6	6.5
SciAps X-550 XRF	TRC/Pine Environmental	1	4

Material Description	Imported/Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



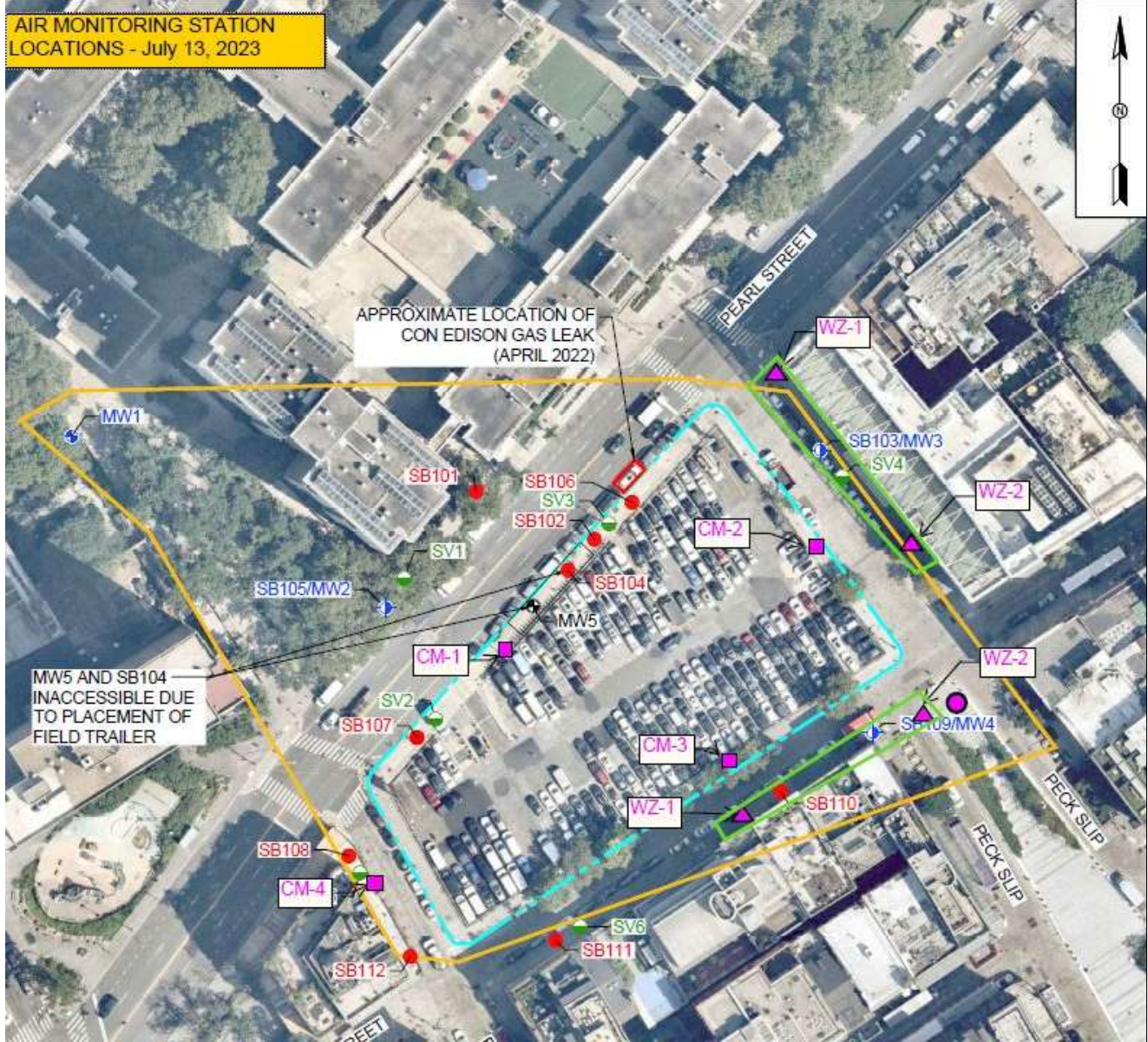
Site Representatives	
Name	Representing
Michael Sollecito	NYSDEC

Project Schedule Comments
None

Issues Pending
Note that select sample locations on the southern Pearl Street sidewalk (i.e., SB104, SV2) are covered with a field trailer. A second mobilization may be required to advance the borings/vapor points once the field trailer is moved, following consultation with NYSDEC.

Interaction with Public, Property Owners, Media, etc.
None


Site Map



LEGEND (SYMBOLS NOT TO SCALE):

- APPROXIMATE BCP SITE BOUNDARY
- APPROXIMATE OFF-SITE P-SITE INVESTIGATION AREA BOUNDARY (EXCLUDES BCP SITE)
- EXISTING MONITORING WELL
- PROPOSED SOIL BORING / MONITORING WELL
- PROPOSED MONITORING WELL
- PROPOSED SOIL BORING
- PROPOSED SOIL VAPOR SAMPLE
- Approximate location of air monitoring station
- Approximate location of work zone air monitoring station
- Approximate limits of the work area
- Approximate location of weather station

Comments:

Site Inspector(s): Michael Kensell	Date: 7/13/2023
Site Photographs (Descriptions Below)	
	
Photo 1: AARCO installing MW4 with a Geoprobe DT 7822 drill rig.	

Comments:	
Site Inspector(s): Michael Kensell	Date: 7/13/2023

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work.
 Yes No

REMEDIAL ACTIVITIES AT PROPERTIES

On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Liners and berms have been installed if necessary to prevent cross contamination of clean areas.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are in good condition or properly overpacked? N/A	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Complying with RCRA 90-day storage limitation for hazardous waste?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Piles are securely covered when not in use?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are closed when not in use?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Staging areas should be inspected periodically and any issues addressed immediately?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If any issues noted, has Contractor been notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Comments:

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was turbidity checked at the outfall(s)?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			



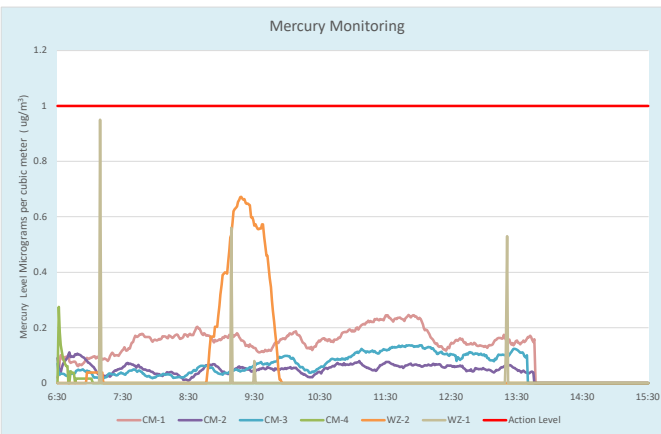
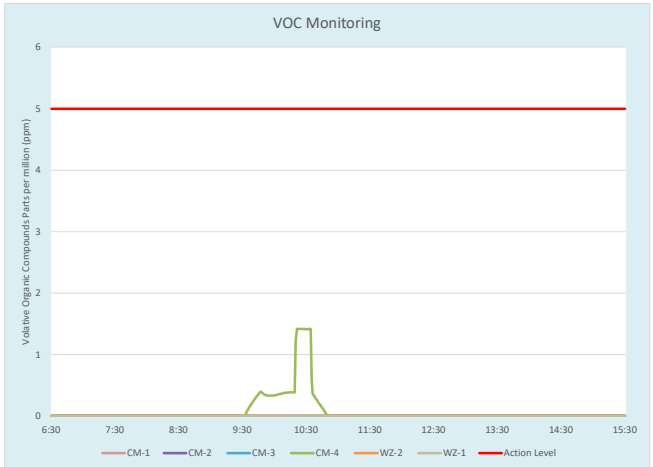
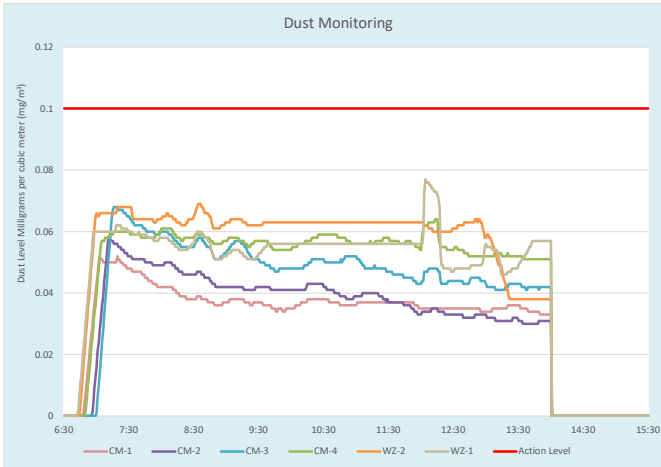
**DAILY AIR MONITORING REPORT
250 WATER STREET
MANHATTAN, NEW YORK**


7/13/2023	
Project No. 472223.0000.0000	
Page 1 of 1	Rev. No. 0
Submitted by: Ezra Stobbe	
Dust Action Level (mg/m3)	0.100
VOC Action Level (ppm)	5.0
Mercury Action Level (µg/m3)	1.0

Weather Data Range for Work Day	Wind Direction	SW-SE	Relative Humidity (%)	43-63	Daily Rain (in)	0
Temp (F)	79.8-95.8	Wind Speed	3.3-12.2	Barometer (inHg)		

Station Location	Daily Avg Dust Concentration (mg/m3)	Max 15 Minute Dust Concentration (mg/m3)	Time of Max 15 Minute Avg Dust Reading	Daily Avg Voc Concentration (ppm)	Max 15 Minute VOC Concentration (ppm)	Time of Max 15 Minute Avg VOC Reading
CM-1	0.038	0.052	7:03	0.0	0.0	N/A
CM-2	0.040	0.058	7:11	0.0	0.0	N/A
CM-3	0.050	0.068	7:16	0.0	0.0	N/A
CM-4	0.056	0.064	12:13	0.1	1.4	10:21
WZ-1	0.056	0.077	12:04	0.0	0.0	N/A
WZ-2	0.060	0.069	8:34	0.0	0.0	N/A

Station Location	Daily Avg Mercury Concentration (µg/m3)	Max 15 Minute Mercury Concentration (µg/m3)	Time of Max 15 Minute Avg Mercury Reading
CM-1	0.16	0.25	11:51
CM-2	0.05	0.11	6:41
CM-3	0.07	0.14	11:51
CM-4	0.00	0.28	6:31
WZ-1	0.07	0.67	9:18
WZ-2	0.01	0.06	7:09



NYSDEC Division of Environmental Remediation				Contract No. – D009812-26 DEC PM – Michael Sollecito Consultant PM – Lindsay O’Hara Consultant Insp – Michael Kensell	
Site Location: 250 Water Street, New York, NY					
Weather Conditions					
Clear	Cloudy	AM	Clear	PM	
Temperature	79°F		82°F		
Wind	4 mph S		6 mph S		

Health & Safety If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.			
Were there any changes to the Health & Safety Plan?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any nuisance issues reported/observed on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>

Health & Safety Comments <ul style="list-style-type: none"> TRC tailgate safety meeting discussed PPE (specifically hard hat, safety glasses, and safety vests), house keeping and proper tool selection for the task.

Summary of Work Performed	Arrived at site: 0615	Departed Site: 1400
Site Activities: TRC was present to implement the Site Characterization (NYSDEC Contract No. D009812, WA-26) at the 250 Water Street P-site (Site No. 231127). Completed field activities are summarized below:		
<ul style="list-style-type: none"> AARCO (TRC’s subcontractor) used a Geoprobe 7822 DT drill rig with Macro-Core® samplers to advance two soil borings to approximately 25 feet below ground surface (bgs) as summarized below. <ul style="list-style-type: none"> SB111: The soil boring was hand cleared to 5 feet bgs. Odors, staining, and elevated photoionization detector (PID) readings up to 348.6 ppm were observed from approximately 2 to 21 feet bgs. A maximum mercury vapor concentration above background of 0.11 micrograms per cubic meter (µg/m3) was identified with a Jerome J505 unit from 4 to 6 feet bgs. Total mercury concentrations evaluated with the SciAps X-550 XRF were less than the limit of detection (LOD). SB112: The soil boring was hand cleared to 5 feet bgs. No odors, staining, or elevated PID readings were observed on recovered soil samples. A maximum mercury vapor concentration above background of 0.12 µg/m3 was identified with a Jerome J505 unit from 2 to 4 feet bgs. Total mercury concentrations evaluated with the XRF were less than the LOD. AARCO used a Geoprobe 7822 DT drill rig with Macro-Core® samplers and a hand auger to advance one soil boring to approximately 20 feet bgs as summarized below. <ul style="list-style-type: none"> SB108: The soil boring was hand cleared to 5 feet bgs. No odors, staining, or elevated PID readings were observed on recovered soil samples. A maximum mercury vapor concentration above background of 0.04 µg/m3 was identified with a Jerome J505 unit from 4 to 6 feet bgs. Total mercury concentrations evaluated with the XRF were less than the LOD. AARCO used a Geoprobe 7822 DT drill rig with a closed point sampler to install one soil vapor probe. After installation and prior to sampling, the sample tubing was purged and a mercury vapor reading was collected with a Jerome 505. <ul style="list-style-type: none"> Soil vapor probe SV6 was installed to approximately 8 feet bgs. No elevated PID readings or mercury vapor concentrations above background were observed. 		

Sampling:

The following samples were collected and shipped to Pace Analytical Laboratory (Con-Test) a New York State Department of Environmental Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in East Longmeadow, Massachusetts for analyses proposed in the scope of work:

- The following sample depths were submitted for analysis of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, total cyanide, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS):
 - SB108: 2-4 and 11-13 feet bgs
 - SB111: 2-4, 8-10, and 22-24 feet bgs
 - One field duplicate sample was collected from SB111
 - SB112: 2-4 and 8-10 feet bgs
- The following soil vapor samples were collected for analysis of VOCs by USEPA Method TO-15 and mercury vapor by NIOSH Method 6009:
 - SV6: Two-hour duration samples were collected using a 6-liter summa canister (for analysis for VOCs) and sorbent tube (for analysis for mercury).

CAMP Activities:

Prior to intrusive work activities and implementation of the CAMP, instantaneous background concentrations of mercury vapor, particulates, and VOCs were recorded at each CAMP station as follows:

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.00 mg/m³.

Daily Average Concentrations			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.018	0.0	0.07
CM-2	0.019	0.0	0.03
CM-3	0.026	0.0	0.03
CM-4	0.031	0.2	0.00
WZ-1	0.031	0.1	0.20
WZ-2	0.039	0.0	0.00

Maximum 15-Minute Concentration			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.036	0.0	0.17
CM-2	0.035	0.0	0.06
CM-3	0.049	0.0	0.12
CM-4	0.040	0.2	0.00
WZ-1	0.043	3.1	0.84
WZ-2	0.057	0.0	0.08

Note:

Dust Action Level – 0.100 mg/m³
 VOC Action Level – 5.0 ppm
 Mercury Action Level – 1.0 µg/m³

Prior to shut down of the daily CAMP, mercury vapor, VOC, and particulate concentrations were recorded and were consistent with the daily background concentrations.

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.00 mg/m³.

Anticipated Activities:

- AARCO (TRC's drilling subcontractor) and TRC will continue intrusive work activities on 7/17/23 including advancement of soil borings and installation of soil vapor probes.
- TRC will implement CAMP during ground intrusive activities.

Equipment/Material Tracking			
If any box below is checked "Yes", provide explanation under "Material Tracking Comments".			
Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not tarped?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Personnel and Equipment: On Site Hours			
Individual	Company	Trade	Total Hours
Michael Kensell	TRC	Environmental Consultant	8
Maya Wells	TRC	Environmental Consultant	8
Ezra Stobbe	TRC	Environmental Consultant	2
Jose Galarza	AARCO	Driller	7
Julio Galarza	AARCO	Driller/Laborer	7

Equipment Description	Contractor/Vendor	Quantity	Used (hr)
Geoprobe 7822DT/Macrocore samples	AARCO	1	6
Jerome 405 Mercury Analyzer	TRC/Pine Environmental	1	7
Jerome 505 Mercury Analyzer	TRC/Pine Environmental	4	7
Jerome 405 Mercury Analyzer	TRC/Eco-Solutions	2	7
PID Mini RAE 3000	TRC/Pine Environmental	7	7
DustTrak2 Desktop Monitor 8350	TRC/Pine Environmental	6	7
SciAps X-550 XRF	TRC/Pine Environmental	1	5
Gilian GilAir Plus Air Sampling Pump	TRC/Pine Environmental	1	2

Material Description	Imported/Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>



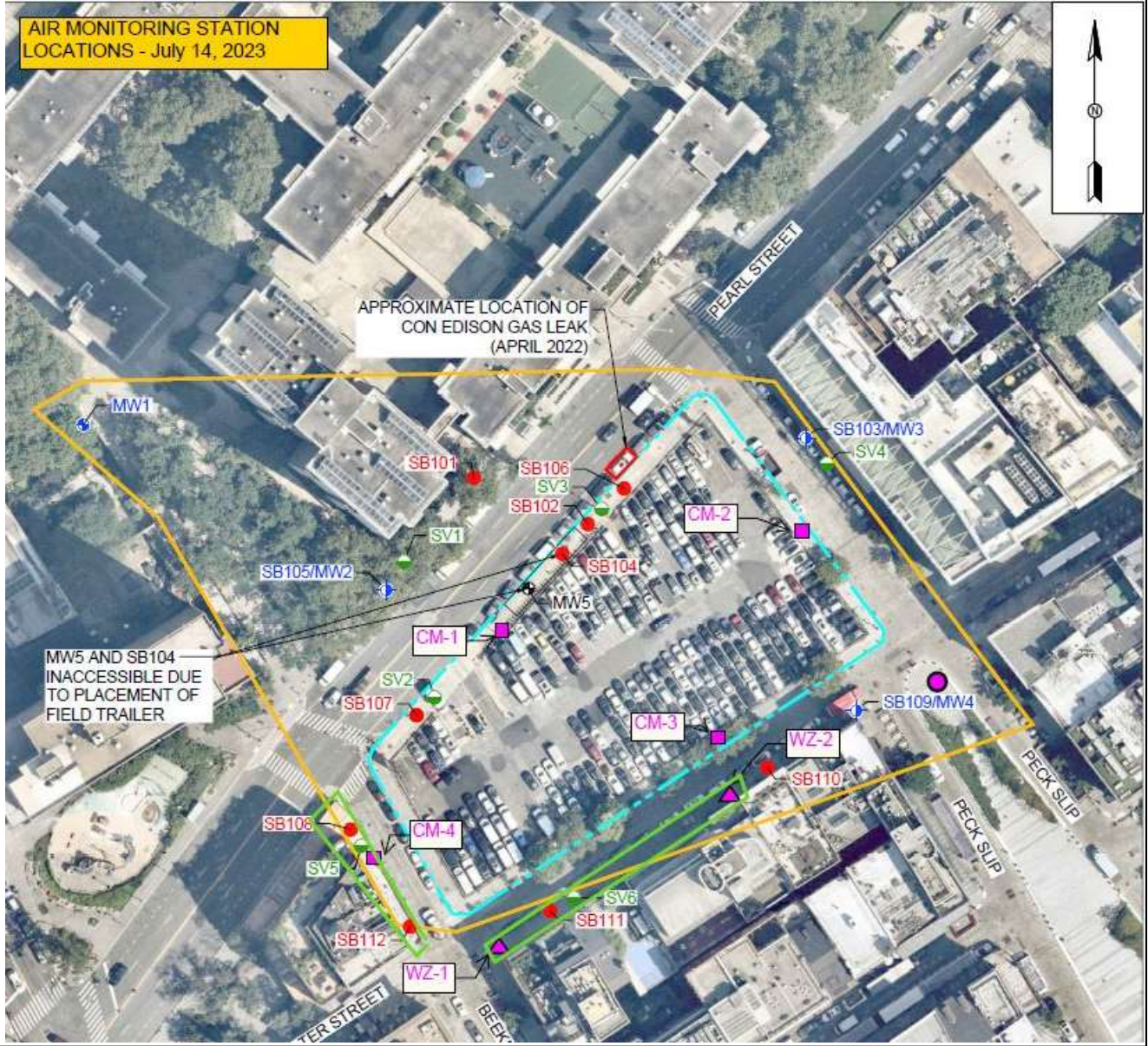
Site Representatives	
Name	Representing
Michael Sollecito	NYSDEC

Project Schedule Comments

Issues Pending
Note that select sample locations on the southern Pearl Street sidewalk (i.e., SB104, SV2) are covered with a field trailer. A second mobilization may be required to advance the borings/vapor points once the field trailer is moved, following consultation with NYSDEC.

Interaction with Public, Property Owners, Media, etc.
None


Site Map



LEGEND (SYMBOLS NOT TO SCALE):

- APPROXIMATE BCP SITE BOUNDARY
- APPROXIMATE OFF-SITE P-SITE INVESTIGATION AREA BOUNDARY (EXCLUDES BCP SITE)
- EXISTING MONITORING WELL
- PROPOSED SOIL BORING / MONITORING WELL
- PROPOSED MONITORING WELL
- PROPOSED SOIL BORING
- PROPOSED SOIL VAPOR SAMPLE
- Approximate location of air monitoring station
- Approximate location of work zone air monitoring station
- Approximate limits of the work area
- Approximate location of weather station

Comments:

Site Inspector(s): Michael Kensell	Date: 7/14/2023
Site Photographs (Descriptions Below)	
	
Photo 1: View of soil vapor sampling equipment at SV6.	
Comments:	
Site Inspector(s): Michael Kensell	Date: 7/14/2023

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work. Yes No

REMEDIAL ACTIVITIES AT PROPERTIES

On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Liners and berms have been installed if necessary to prevent cross contamination of clean areas.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are in good condition or properly overpacked? N/A	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Complying with RCRA 90-day storage limitation for hazardous waste?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Piles are securely covered when not in use?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are closed when not in use?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Staging areas should be inspected periodically and any issues addressed immediately?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If any issues noted, has Contractor been notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Comments:

NUISANCE CHECKLIST

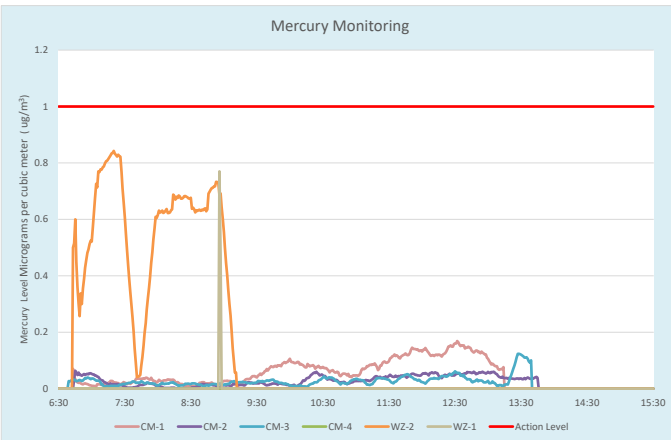
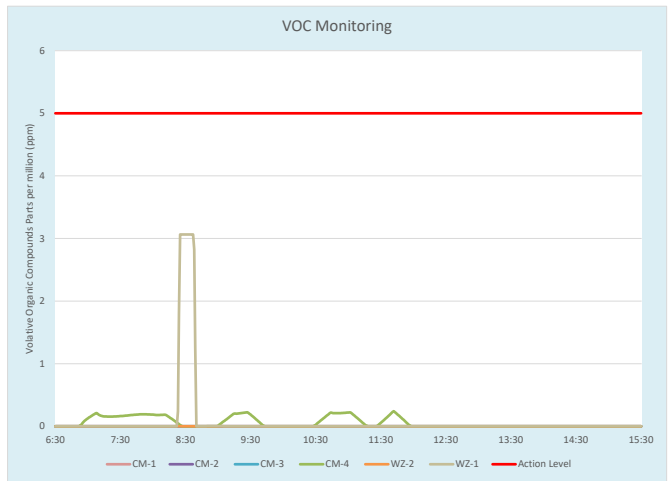
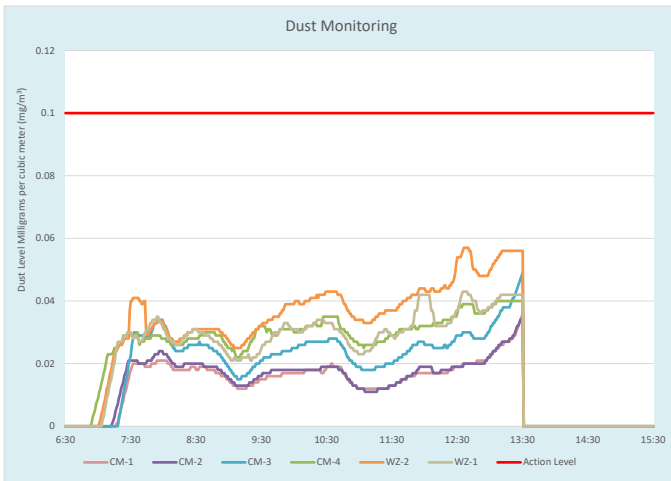
Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was turbidity checked at the outfall(s)?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			


	DAILY AIR MONITORING REPORT 250 WATER STREET MANHATTAN, NEW YORK			7/14/2023	
				Project No. 472223.0000.0000	
				Page 1 of 1	
				Submitted by: Maya Wells	
				Rev. No. 0	
				Dust Action Level (mg/m3) 0.100	
VOC Action Level (ppm) 5.0					
Mercury Action Level (µg/m3) 1.0					

Weather Data Range for Work Day		Wind Direction	S	Relative Humidity (%)	47-71	Daily Rain (in)	0.14
Temp (F)	76.5-95.3	Wind Speed	0-6.5	Barometer (inHg)	1013.5-1015.8		

Station Location	Daily Avg Dust Concentration (mg/m3)	Max 15 Minute Dust Concentration (mg/m3)	Time of Max 15 Minute Avg Dust Reading	Daily Avg Voc Concentration (ppm)	Max 15 Minute VOC Concentration (ppm)	Time of Max 15 Minute Avg VOC Reading
CM-1	0.018	0.036	13:30	0.0	0.0	N/A
CM-2	0.019	0.035	13:30	0.0	0.0	N/A
CM-3	0.026	0.049	13:30	0.0	0.0	N/A
CM-4	0.031	0.040	13:06	0.2	0.2	11:42
WZ-1	0.031	0.043	12:35	0.1	3.1	8:25
WZ-2	0.039	0.057	12:36	0.0	0.0	N/A

Station Location	Daily Avg Mercury Concentration (µg/m3)	Max 15 Minute Mercury Concentration (µg/m3)	Time of Max 15 Minute Avg Mercury Reading
PM-1	0.07	0.17	12:32
PM-2	0.03	0.06	6:45
PM-3	0.03	0.12	13:28
PM-4	0.00	0.00	6:42
PM-5	0.20	0.84	7:20
WZ-1	0.00	0.08	8:57



NYSDEC Division of Environmental Remediation				Contract No. – D009812-26 DEC PM – Michael Sollecito Consultant PM – Lindsay O’Hara Consultant Insp – Michael Kensell	
Site Location: 250 Water Street, New York, NY					
Weather Conditions					
Clear	Cloudy	AM	Clear	PM	
Temperature	74-90°F		90-99°F		
Wind	4 mph E		3 mph S		

Health & Safety If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.			
Were there any changes to the Health & Safety Plan?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any nuisance issues reported/observed on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>

Health & Safety Comments <ul style="list-style-type: none"> TRC tailgate safety meeting discussed PPE (specifically hard hat, safety glasses, and safety vests), house keeping and proper tool selection for the task.

Summary of Work Performed	Arrived at site: 0615	Departed Site: 1500
Site Activities: TRC was present to implement the Site Characterization (NYSDEC Contract No. D009812, WA-26) at the 250 Water Street P-site (Site No. 231127). Completed field activities are summarized below:		
<ul style="list-style-type: none"> AARCO (TRC’s subcontractor) used a Geoprobe 7822 DT drill rig with Macro-Core® samplers to advance one soil boring to approximately 25 feet below ground surface (bgs) as summarized below. <ul style="list-style-type: none"> SB107: The soil boring was hand cleared to 5 feet bgs. No odors, staining, or elevated photoionization detector (PID) readings were detected on recovered soil samples. A maximum mercury vapor concentration above background of 0.08 micrograms per cubic meter (µg/m3) was identified with a Jerome J505 unit from 10 to 12 feet bgs. Total mercury concentrations evaluated with the SciAps X-550 XRF were less than the limit of detection (LOD). AARCO used a Geoprobe 7822 DT drill rig with a closed point sampler to install one soil vapor probe. After installation and prior to sampling, the sample tubing was purged and a mercury vapor reading was collected with a Jerome J505. <ul style="list-style-type: none"> Soil vapor probe SV1 was installed to approximately 8 feet bgs. No elevated PID readings or mercury vapor concentrations above background were observed. Soil vapor probe SV2 was installed to approximately 8 feet bgs. No elevated PID readings or mercury vapor concentrations above background were observed. 		

Sampling:

The following samples were collected and shipped to Pace Analytical Laboratory (Con-Test) a New York State Department of Environmental Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in East Longmeadow, Massachusetts for analyses proposed in the scope of work:

- The following sample depths were submitted for analysis of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, total cyanide, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS):
 - SB107: 2-4 and 13-15 feet bgs
- The following soil vapor samples were collected for analysis of VOCs by USEPA Method TO-15 and mercury vapor by NIOSH Method 6009:
 - SV1 and SV2: Two-hour duration samples were collected using a 6-liter summa canister (for analysis for VOCs) and sorbent tube (for analysis for mercury).

CAMP Activities:

Prior to intrusive work activities and implementation of the CAMP, instantaneous background concentrations of mercury vapor, particulates, and VOCs were recorded at each CAMP station as follows:

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.025 mg/m³.

Daily Average Concentrations			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.046	0.0	0.12
CM-2	0.025	0.0	0.05
CM-3	0.060	0.0	0.03
CM-4	0.073	0.0	0.00
WZ-1	0.069	0.2	0.01
WZ-2	0.073	0.0	0.01

Maximum 15-Minute Concentration			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.07	0.5	0.19
CM-2	0.039	0.3	0.18
CM-3	0.099	0.0	0.06
CM-4	0.114	0.0	0.00
WZ-1	0.098	3.5	0.17
WZ-2	0.088	0.0	0.07

Note:

Dust Action Level – 0.125 mg/m³
 VOC Action Level – 5.0 ppm
 Mercury Action Level – 1.0 µg/m³

Prior to shut down of the daily CAMP, mercury vapor, VOC, and particulate concentrations were recorded and were consistent with the daily background concentrations.

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.025 mg/m³.

Anticipated Activities:

- AARCO (TRC's drilling subcontractor) and TRC will continue intrusive work activities on 7/18/23 including advancement of soil borings.
- AARCO will develop MW1, MW2, and MW4. TRC will monitor groundwater quality parameters (e.g., temperature, conductivity, turbidity, oxidation-reduction potential, etc.) prior to, during (at a minimum frequency of once per well volume purged), and at the conclusion of development. Development will be considered complete when either turbidity is below 50 nephelometric turbidity units (NTUs), the well purges dry, or 10 well volumes have been removed.
- TRC will implement CAMP during ground intrusive activities.

Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".			
Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not tarped?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Personnel and Equipment: On Site Hours			
Individual	Company	Trade	Total Hours
Michael Kensell	TRC	Environmental Consultant	9
Maya Wells	TRC	Environmental Consultant	9
Jose Galarza	AARCO	Driller	7
Julio Galarza	AARCO	Driller/Laborer	7

Equipment Description	Contractor/Vendor	Quantity	Used (hr)
Geoprobe 7822DT/Macrocore samples	AARCO	1	6
Jerome 405 Mercury Analyzer	TRC/Pine Environmental	1	7.5
Jerome 505 Mercury Analyzer	TRC/Pine Environmental	4	7.5
Jerome 405 Mercury Analyzer	TRC/Eco-Solutions	2	7.5
PID Mini RAE 3000	TRC/Pine Environmental	7	7.5
DustTrak2 Desktop Monitor 8350	TRC/Pine Environmental	6	7.5
SciAps X-550 XRF	TRC/Pine Environmental	1	7.5
Gilian GilAir Plus Air Sampling Pump	TRC/Pine Environmental	1	4.5

Material Description	Imported/Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:

Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

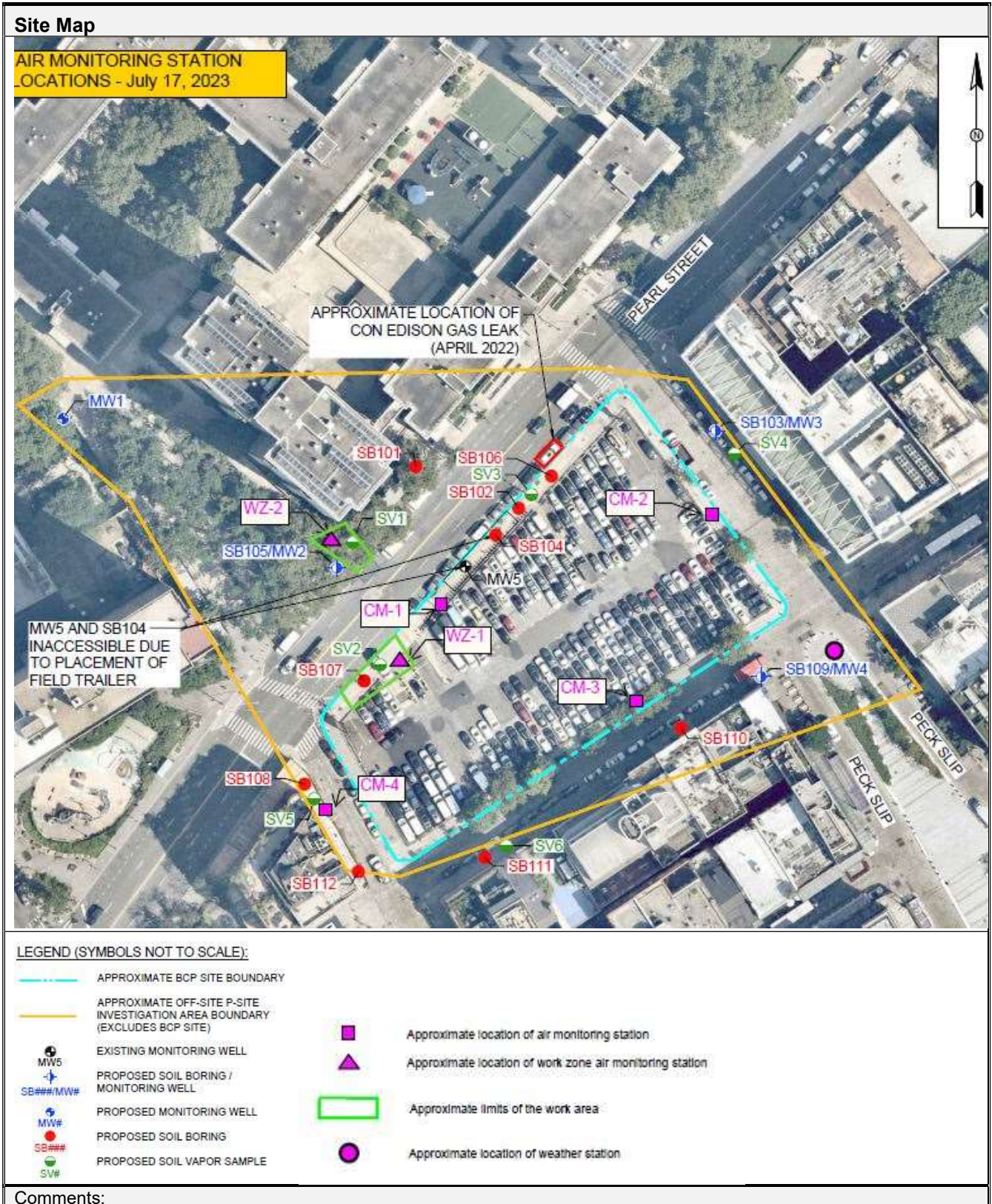



Site Representatives	
Name	Representing
Michael Sollecito	NYSDEC

Project Schedule Comments

Issues Pending
Note that select sample locations on the southern Pearl Street sidewalk (i.e., SB102, SB104, SB106, SV3) are covered with a field trailer. A second mobilization may be required to advance the borings/vapor points once the field trailer is moved, following consultation with NYSDEC.

Interaction with Public, Property Owners, Media, etc.
None



Site Inspector(s): Michael Kensell	Date: 7/17/2023
Site Photographs (Descriptions Below)	
	
Photo 1: View of soil vapor sampling equipment at SV5.	
Comments:	
Site Inspector(s): Michael Kensell	Date: 7/17/2023

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work. Yes No

REMEDIAL ACTIVITIES AT PROPERTIES

On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Liners and berms have been installed if necessary to prevent cross contamination of clean areas.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are in good condition or properly overpacked? N/A	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Complying with RCRA 90-day storage limitation for hazardous waste?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Piles are securely covered when not in use?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are closed when not in use?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Staging areas should be inspected periodically and any issues addressed immediately?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If any issues noted, has Contractor been notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Comments:

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was turbidity checked at the outfall(s)?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			



**DAILY AIR MONITORING REPORT
250 WATER STREET
MANHATTAN, NEW YORK**

7/17/2023

Project No. 472223.0000.0000

Page 1 of 1

Submitted by: Maya Wells

Rev. No. 0

Dust Action Level (mg/m³) **0.125**

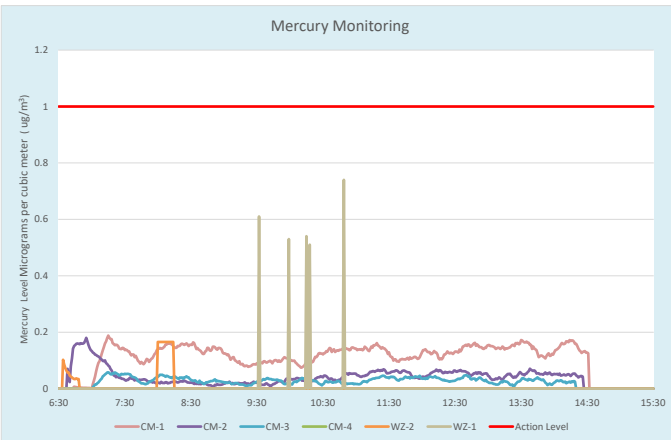
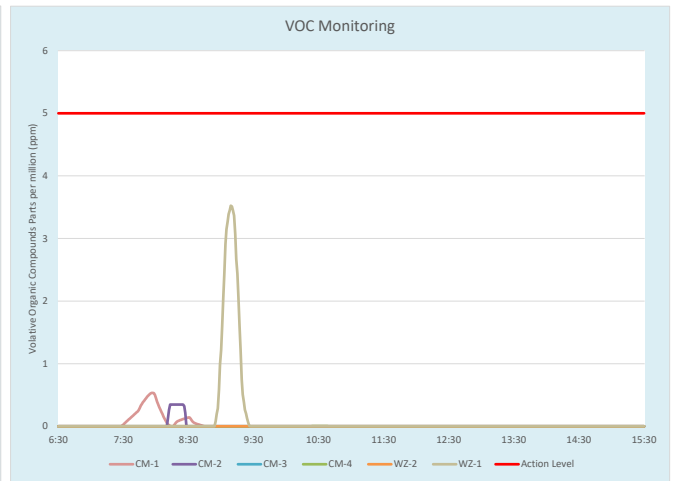
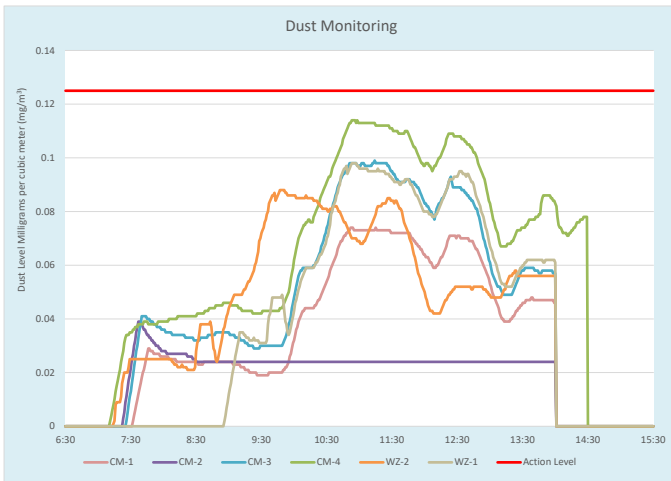
VOC Action Level (ppm) **5.0**


Mercury Action Level (µg/m³) **1.0**

Weather Data Range for Work Day		Wind Direction	E	Relative Humidity (%)	42-84	Daily Rain (in)	0
Temp (F)	74.4-99.1	Wind Speed	0-5.8	Barometer (inHg)	1015.4-1017.3		

Station Location	Daily Avg Dust Concentration (mg/m ³)	Max 15 Minute Dust Concentration (mg/m ³)	Time of Max 15 Minute Avg Dust Reading	Daily Avg Voc Concentration (ppm)	Max 15 Minute VOC Concentration (ppm)	Time of Max 15 Minute Avg VOC Reading
CM-1	0.046	0.074	10:52	0.0	0.5	7:56
CM-2	0.025	0.039	7:37	0.0	0.3	8:13
CM-3	0.060	0.099	11:14	0.0	0.0	N/A
CM-4	0.073	0.114	10:53	0.0	0.0	N/A
WZ-1	0.069	0.098	10:53	0.2	3.5	9:09
WZ-2	0.073	0.088	9:47	0.0	0.0	N/A

Station Location	Daily Avg Mercury Concentration (µg/m ³)	Max 15 Minute Mercury Concentration (µg/m ³)	Time of Max 15 Minute Avg Mercury Reading
PM-1	0.12	0.19	7:15
PM-2	0.05	0.18	6:55
PM-3	0.03	0.06	7:15
PM-4	0.00	0.00	6:31
PM-5	0.01	0.17	8:00
WZ-1	0.01	0.07	10:18



NYSDEC Division of Environmental Remediation				Contract No. – D009812-26 DEC PM – Michael Sollecito Consultant PM – Lindsay O’Hara Consultant Insp – Michael Kensell	
Site Location: 250 Water Street, New York, NY					
Weather Conditions					
Clear	Cloudy	AM	Cloudy	PM	
Temperature	77-88°F		88-91°F		
Wind	1 mph NW		3 mph NW		

Health & Safety
 If any box below is checked “Yes”, provide explanation under “Health & Safety Comments”.

Were there any changes to the Health & Safety Plan?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any exceedances of the perimeter air monitoring reported on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
Were there any nuisance issues reported/observed on this date?	*Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>

Health & Safety Comments

- TRC tailgate safety meeting discussed PPE (specifically hard hat, safety glasses, and safety vests), house keeping and proper tool selection for the task.

Summary of Work Performed	Arrived at site:	0630	Departed Site:	1230
----------------------------------	------------------	------	----------------	------

Site Activities:
 TRC was present to implement the Site Characterization (NYSDEC Contract No. D009812, WA-26) at the 250 Water Street P-site (Site No. 231127). Completed field activities are summarized below:

- AARCO (TRC’s subcontractor) used a Geoprobe 7822 DT drill rig with Macro-Core® samplers to advance one soil boring to approximately 9 feet below ground surface (bgs) as summarized below.
 - SB103: The soil boring was hand cleared to 5 feet bgs. No odors, staining, or elevated photoionization detector (PID) readings were detected on recovered soil samples. No mercury vapor concentrations above background were identified with a Jerome J505. Total mercury concentrations evaluated with the SciAps X-550 XRF were less than the limit of detection (LOD).
- AARCO used a submersible pump to develop monitoring wells MW1, MW2, MW3, and MW4. TRC monitored groundwater quality parameters (e.g., temperature, conductivity, turbidity, oxidation-reduction potential, etc.) during well development. Purged water was containerized in 55-gallon drums.

Sampling:
 The following samples were collected and shipped to Pace Analytical Laboratory (Con-Test) a New York State Department of Environmental Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in East Longmeadow, Massachusetts for analyses proposed in the scope of work:

- The following sample depths were submitted for analysis of volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, total cyanide, 1,4-dioxane, and per- and polyfluoroalkyl substances (PFAS):
 - SB103: 2-4 and 7-9 feet bgs
- The following soil vapor samples were collected for analysis of VOCs by USEPA Method TO-15 and mercury vapor by NIOSH Method 6009:
 - SV5: Two-hour duration samples were collected using a 6-liter summa canister (for analysis for VOCs) and sorbent tube (for analysis for mercury).

CAMP Activities:

Prior to intrusive work activities and implementation of the CAMP, instantaneous background concentrations of mercury vapor, particulates, and VOCs were recorded at each CAMP station as follows:

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.030 mg/m³.

Daily Average Concentrations			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.057	0.0	0.17
CM-2	0.088	1.6	0.03
CM-3	0.084	0.0	0.04
CM-4	0.092	0.0	0.00
WZ-1	0.077	0.0	0.00
WZ-2	0.084	0.2	0.00

Maximum 15-Minute Concentration			
Station ID	Dust (mg/m ³)	Organic Vapor (ppm)	Mercury Vapor (µg/m ³)
CM-1	0.067	0.0	0.23
CM-2	0.094	4.0	0.12
CM-3	0.090	0.0	0.12
CM-4	0.094	0.0	0.00
WZ-1	0.085	0.0	0.00
WZ-2	0.092	0.2	0.00

Note:

Dust Action Level – 0.130 mg/m³
 VOC Action Level – 5.0 ppm
 Mercury Action Level – 1.0 µg/m³

Prior to shut down of the daily CAMP, mercury vapor, VOC, and particulate concentrations were recorded and were consistent with the daily background concentrations.

- Background concentrations of mercury vapor at each CAMP station were recorded at 0.00 µg/m³.
- Background concentrations of VOCs at each CAMP station were recorded at 0.0 ppm.
- Background concentrations of particulates were recorded at 0.025 mg/m³.

Anticipated Activities:

- TRC will collect groundwater samples from monitoring wells MW1, MW2, MW3, and MW4 the week of July 31, 2023.

Equipment/Material Tracking If any box below is checked "Yes", provide explanation under "Material Tracking Comments".			
Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not tarped?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>

Personnel and Equipment: On Site Hours			
Individual	Company	Trade	Total Hours
Michael Kensell	TRC	Environmental Consultant	6
Maya Wells	TRC	Environmental Consultant	6
Jose Galarza	AARCO	Driller	5.5
Julio Galarza	AARCO	Driller/Laborer	5.5

Equipment Description	Contractor/Vendor	Quantity	Used (hr)
Geoprobe 7822DT/Macrocore samples	AARCO	1	1
Jerome 405 Mercury Analyzer	TRC/Pine Environmental	1	4
Jerome 505 Mercury Analyzer	TRC/Pine Environmental	4	4
Jerome 405 Mercury Analyzer	TRC/Eco-Solutions	2	4
PID Mini RAE 3000	TRC/Pine Environmental	7	4
DustTrak2 Desktop Monitor 8350	TRC/Pine Environmental	6	4
SciAps X-550 XRF	TRC/Pine Environmental	1	4
Gilian GilAir Plus Air Sampling Pump	TRC/Pine Environmental	1	2
Whale Purge Pump	AARCO	1	3
Horiba U-52 Flow Cell	TRC/Pine Environmental	1	3
Solinst Water Level Meter	TRC/Pine Environmental	1	3

Material Description	Imported/Delivered to Site	Exported off Site	Waste Profile (If Applicable)	Source or Disposal Facility (If Applicable)	Daily Loads	Daily Weight (tons)*

Equipment/Material Tracking Comments:



Visitors to Site			
Name	Representing	Entered Exclusion/CRZ Zone	
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Site Representatives	
Name	Representing
Michael Sollecito	NYSDEC

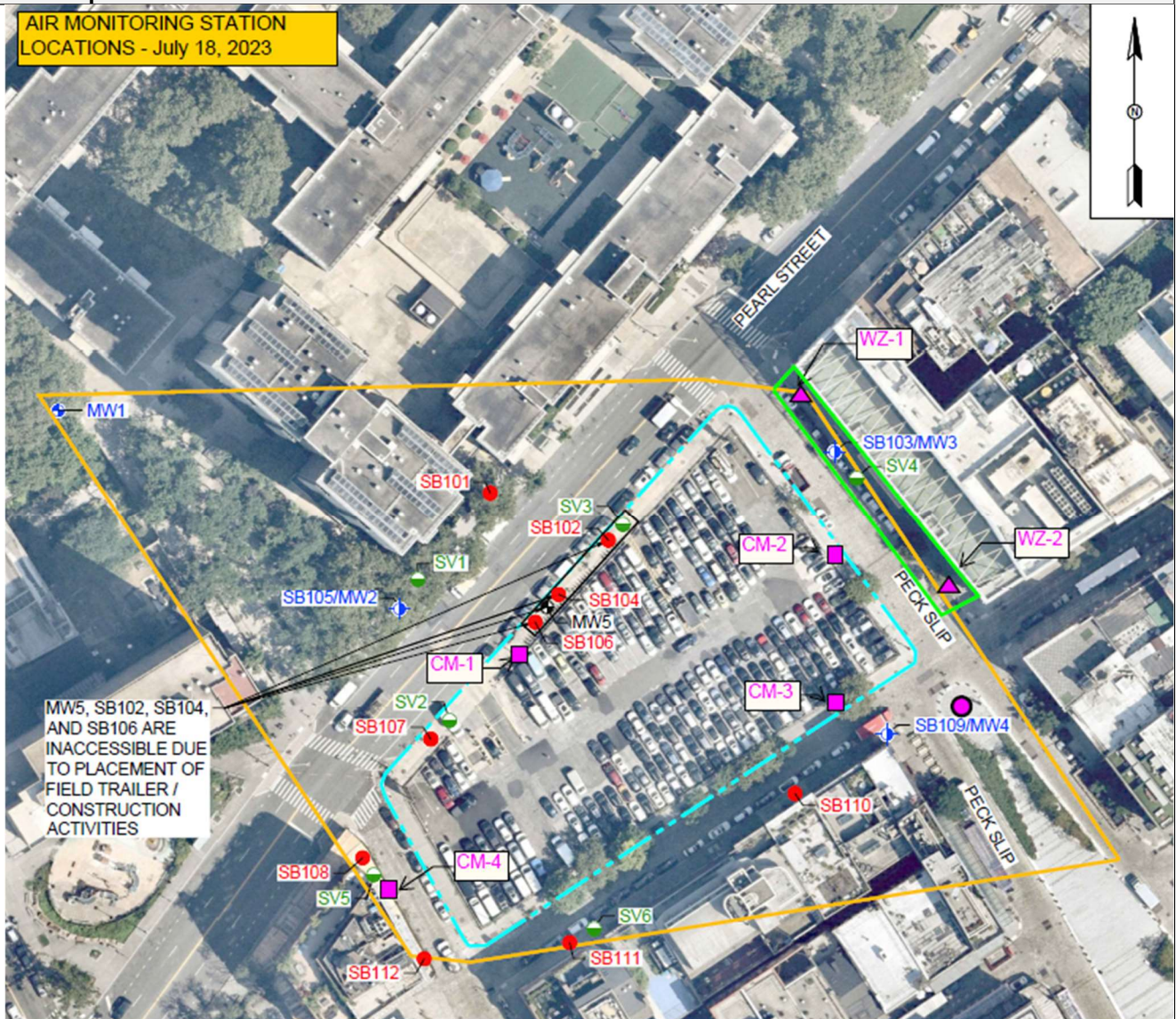
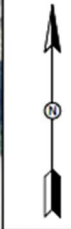
Project Schedule Comments

Issues Pending
Note that select sample locations on the southern Pearl Street sidewalk (i.e., SB102, SB104, SB106, SV3) are covered with a field trailer. A second mobilization may be required to advance the borings/vapor points once the field trailer is moved, following consultation with NYSDEC.

Interaction with Public, Property Owners, Media, etc.
None

Site Map


AIR MONITORING STATION
 LOCATIONS - July 18, 2023



LEGEND (SYMBOLS NOT TO SCALE):

- APPROXIMATE BCP SITE BOUNDARY
- APPROXIMATE OFF-SITE P-SITE INVESTIGATION AREA BOUNDARY (EXCLUDES BCP SITE)
- EXISTING MONITORING WELL
- PROPOSED SOIL BORING / MONITORING WELL
- PROPOSED MONITORING WELL
- PROPOSED SOIL BORING
- PROPOSED SOIL VAPOR SAMPLE
- Approximate location of air monitoring station
- Approximate location of work zone air monitoring station
- Approximate limits of the work area
- Approximate location of weather station

Comments:

Site Inspector(s): Michael Kensell	Date: 7/18/2023
Site Photographs (Descriptions Below)	
	
Photo 1: View of well development at monitoring well MW4.	
Comments:	
Site Inspector(s): Michael Kensell	Date: 7/18/2023

Videos of discreet operations have been provided to the DEC Project Manager to facilitate understanding of the ongoing work. Yes No

REMEDIAL ACTIVITIES AT PROPERTIES

On-Site Waste Storage

Drums, roll offs and piles are staged in secure areas?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Liners and berms have been installed if necessary to prevent cross contamination of clean areas.	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are in good condition or properly overpacked? N/A	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Waste materials are scheduled to be properly characterized and disposed of prior to demobilization?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Complying with RCRA 90-day storage limitation for hazardous waste?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Piles are securely covered when not in use?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Containers are closed when not in use?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Staging areas should be inspected periodically and any issues addressed immediately?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Signage and labeling comply with RCRA requirements for all staging areas and containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
If any issues noted, has Contractor been notified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Comments:

NUISANCE CHECKLIST

Were there any community complaints related to work on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were there any odors detected on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was noise outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Were vibration readings outside specification and/or above background on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Any visible dust observed beyond the work perimeter on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Any visible contrast (turbidity) beyond engineering controls observed on this date?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	N/A <input type="checkbox"/>
Was turbidity checked at the outfall(s)?	AM <input type="checkbox"/>	PM <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Were any property owners NOT provided advance notice for work performed on this property on this date?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Was the temporary fabric structure closed at the end of the day?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Has Contractor failed to protect all foundations and structures adjacent to and adjoining the site which are affected by the excavations or other operations connected with performance of the Work?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
If yes, has Contractor been notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
<u>Comments:</u>			

	DAILY AIR MONITORING REPORT 250 WATER STREET MANHATTAN, NEW YORK			7/18/2023	
				Project No. 472223.0000.0000	
				Page 1 of 1	
				Submitted by: Maya Wells	
				Rev. No. 0	
				Dust Action Level (mg/m ³) 0.130	
VOC Action Level (ppm) 5.0					
Mercury Action Level (µg/m ³) 1.0					

Weather Data Range for Work Day		Wind Direction	NW	Relative Humidity (%)	58-69	Daily Rain (in)	0
Temp (F)	77.6-91.2	Wind Speed	0-0.3	Barometer (inHg)	1017.3-1017.8		

Station Location	Daily Avg Dust Concentration (mg/m ³)	Max 15 Minute Dust Concentration (mg/m ³)	Time of Max 15 Minute Avg Dust Reading	Daily Avg Voc Concentration (ppm)	Max 15 Minute VOC Concentration (ppm)	Time of Max 15 Minute Avg VOC Reading
CM-1	0.057	0.067	7:56	0.0	0.0	N/A
CM-2	0.088	0.094	7:59	1.6	4.0	8:12
CM-3	0.084	0.09	7:53	0.0	0.0	N/A
CM-4	0.092	0.094	9:05	0.0	0.0	N/A
WZ-1	0.077	0.085	6:59	0.0	0.0	N/A
WZ-2	0.084	0.092	8:53	0.0	0.2	7:24

Station Location	Daily Avg Mercury Concentration (µg/m ³)	Max 15 Minute Mercury Concentration (µg/m ³)	Time of Max 15 Minute Avg Mercury Reading
PM-1	0.17	0.23	6:58
PM-2	0.03	0.12	6:57
PM-3	0.04	0.12	6:49
PM-4	0.00	0.00	N/A
PM-5	0.00	0.00	N/A
WZ-1	0.00	0.00	N/A

