

DAILY OBSERVATION REPORT

11-25-2024

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NYSDEC

Remedial Bureau C

Division of Environmental Remediation

NYSDEC PM: Tracey Garland

Project Engineers: AMC Engineering

NYSDEC Inspector: Nic Wharram

Site: 218 Front Street Brooklyn, Kings County, NY 11201

Site No.: C224063

Weather Conditions

General Description	Clear 7:45	am	Clear 5:45	pm
Temperature	41°F	am	47°F	pm
Wind Direction	7-15 mph WNW	am	3-5 mph SSW	pm

HEALTH & SAFETY:

(*If any box(s) below are checked "Yes", list the deviation under the "Items for Concern" section of this report).

Were there any changes to the Health & Safety Plan?	*Yes ()	No (x)	NA ()
Were there any exceedances at the perimeter action level reported on this date?	Air: *Yes ()	No (x)	NA ()
Were there any Noise /Vibration exceedances reported on this date?	Noise: *Yes ()	No (x)	NA ()
	Vibration: *Yes ()	No (x)	NA ()
Were there any breaches to the tent structure or silt fence reported/observed on this date?	*Yes ()	No (x)	NA ()
Were there any dust/odor issues reported or observed on this date?	*Yes ()	No (x)	NA ()

WASTE HAULING :

(*If any box(s) below are checked "Yes", list the deviation under the "Items of Concern" section of this report).

Were there any vehicles which did not display proper D.O.T numbers and placards?	*Yes ()	No (x)	NA ()
Were there any vehicles which were not lined or tarped?	*Yes ()	No (x)	NA ()
Were there any vehicles which were not decontaminated prior to exiting the work site?	* Yes ()	No (x)	NA ()

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Materials Removed From Site: none

Disposal Facility's:

Total Loads: (on this date)

Total Loads: (to date)

Total Daily Weight: (est.)

Total Weight: (*approx.)

*Actual (total weight) adjusted periodically based on weight tickets submitted by the disposal facilities.

Summary of Events:

- IA-3 duplicate commenced at 7:56AM and IA-3 commenced at 7:58 AM. Both sampling tanks were elevated to approximately 3 ½ ft above the floor.
- IA-4 commenced sampling at 8:11AM at an approximate height of 4 ½ ft above the floor.
- Sub slab locations went as follows: concrete floor was drilled through, small amount of sand was applied to the bottom of the hole, hollow tube was inserted in the hole to depth, a wetted bentonite seal was created atop of the hole, poly applied over the seal and an additional wetted bentonite seal was created, a plastic container was placed atop the poly and a wetted bentonite seal around the container was created, ambient Helium was tested with GasCheck handheld leak detector, the bucket was filled with helium, the sampling tube was then sampled for Helium to deduce leaks in seal of the operation, after passing the seal test the plastic bucket was removed, the sampling tube was adhered to the regulator, the regulator was attached to the tank and sampling commenced.
- SS-1 and SS-2 were both approved by the NYSDEC to be moved North approximately 10 feet. IA-1 and IA-2 were sampled in the designed location.
- SS-1 needed a second drill location to get past the concrete layer. The workplan drawing indicated brick in the original drilling of SS-1. The drill bit used was 30 inches in length.
- IA-2 commenced at 8:46AM at approximately 2 ½ ft of elevation from the floor.
- SS-2 commenced at 8:39AM.
- IA-1 commenced at 8:57AM at approximately 2 ½ ft of elevation from the floor.
- SS-1 commenced at 9:30AM.
- OA-1 commenced at 9:47AM at approximately 3 ½ ft of elevation from the sidewalk.
- Outdoor air was introduced for an unknown amount of time in the sauna room, the location of IA-3 and the duplicate.

VISITORS TO SITE:

NAME	Representing	Entered Exclusion/CRZ Zone	
Aaliyah	AMC Engineering	Yes ()	No ()
Ahmed Elbadni	AMC Engineering	Yes ()	No ()
Nic Wharram	NYSDEC	Yes ()	No ()
		Yes ()	No ()

PROJECT SCHEDULE:

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ISSUES PENDING:

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ITEMS OF CONCERN:

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SITE REPRESENTATIVE /
CONSTRUCTION INSPECTOR:

Nicolus Wharram

Name: (*signature*)

Date: 11-26-2024

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IA-3 Duplicate starting sampling pressure of 29 inHg.

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IA-3 starting sampling pressure of 27.5 inHg.

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IA-3 and duplicate sampling at approximately 3 and ½ ft.

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IA-4 initial pressure was 30 inHg.

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IA-4 sampling elevation at approximately 4 and ½ feet.

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Creating an bentonite seal around the bucket.

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Helium to be used to test the seal.

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Observing Helium levels prior to Helium application.

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Reading prior to Helium application.

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Valve installation for SS-2.

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IA-2 to be sampling at approximately 2 and ½ feet off of the ground.

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IA-2 pressure at the start of sampling.

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1st drilling location for SS-1.

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IA-1 pressure reading at the start of sampling.

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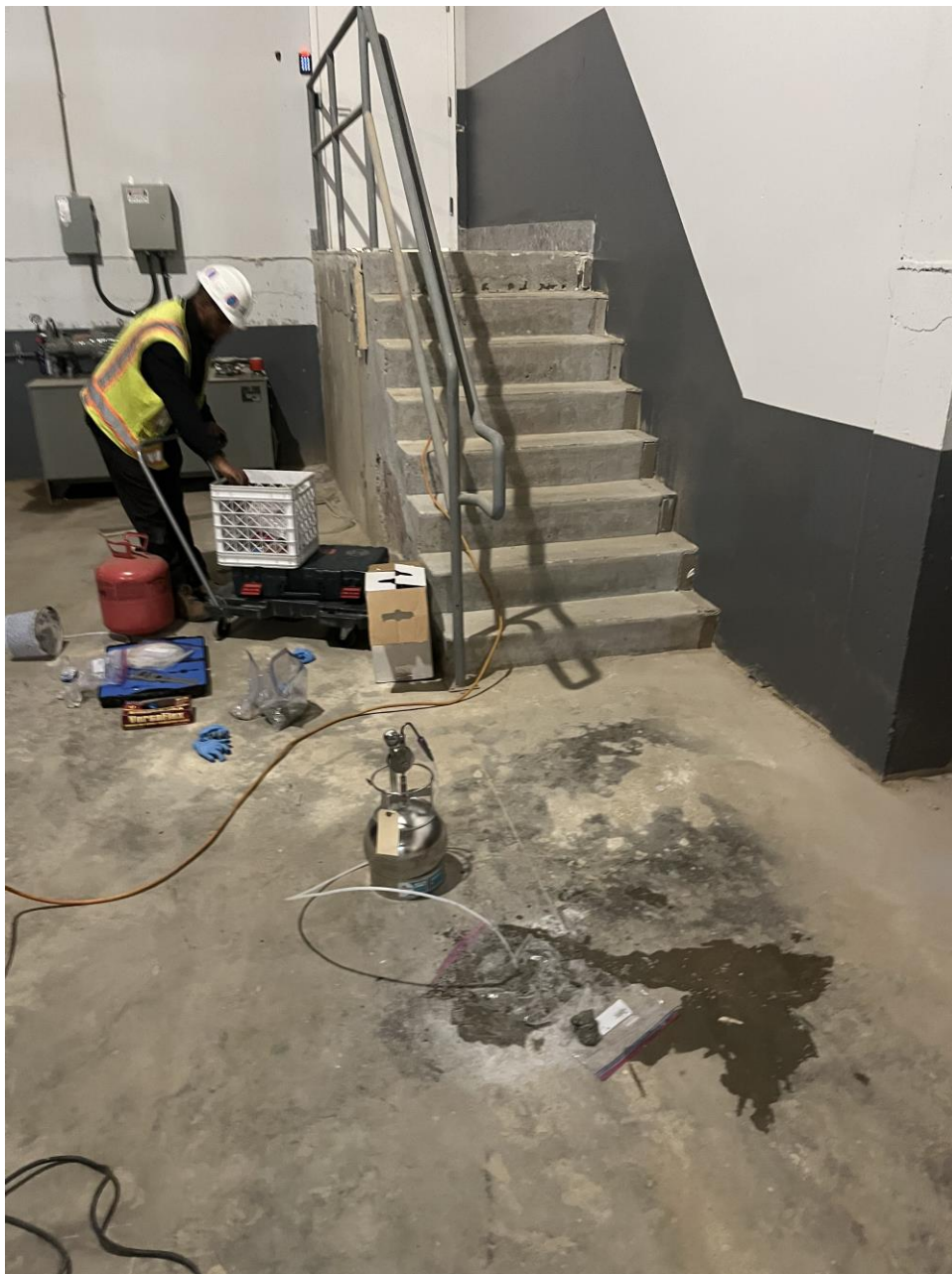
2nd drill location for SS-1. 2nd drilling was able to get through the concrete slab.

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Initial pressure of SS1 is 24 inHg.

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SS-1 in the process of sampling.

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OA1 in place. Image facing East.

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OA1 initial pressure of 28.5 inHg.

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Creating an Bentonite seal around the test tube. SS-2 location.

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Following the bentonite seal around the testing tube, a plastic bag was applied over the seal and an additional bentonite seal was applied. SS-2 location.

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PHOENIX Environmental Laboratories, Inc.		CHAIN OF CUSTODY RECORD AIR ANALYSES										P.O. #		Page 1 of 1			
557 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040 Telephone: 860.645.1102 • Fax: 860.645.0823 AMC-ENG		860-645-1102 email: greg@phoenixlabs.com										Data Delivery: <input type="checkbox"/> Fax #: <input type="checkbox"/> Email: <input type="checkbox"/> Phone #:					
Report to:	Anjeza Harrington	Project Name:											Data Format:	(Circle) Equis Excel Other:			
Customer:	AMC Engineering PLLC	Invoice to:											Requested Deliverable:	RCP ASP CAT B			
	18-36 42nd Street	Sampled by:	Ahmed Elbadri										MCP	NJ Deliverables			
	Astoria, NY 11105	Quote Number:															
Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure ("Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start ("Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (C) Composite (C)	TO-15	APH
THIS SECTION FOR LAB USE ONLY																	
	IA-2	19806	6.0L	-30		4498	11.4	8:46A	5:18PM	11/25/24	-30	-7.5	x				
	IA-1	23344	6.0L	-30		10766	11.1	8:57A	5:05P		-30	-3	x				
	SS-2	49198	6.0L	-30		19839	11.1	8:39A	4:26P		-30	-2.5	x				
	SS-1	480	6.0L	-30		7029	11.4	9:30A	5:03P		-24	-3	x				
	IA-4	455	6.0L	-30		10653	11.1	8:11A	3:46P		-30	-3	x				
	Duplicate	12862	6.0L	-30		10740	11.3	7:56A	3:42P		-29	-3	x				
	IA-3	21357	6.0L	-30		10768	10.9	7:58A	3:42P		-27.5	-3	x				
	OA-1	16001	6.0L	-30		10760	11.1	9:47A	5:30P		-28.5	-3	x				
Relinquished by:		Accepted by:		Date:		Time:		I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.									
State Where Samples Collected: NY		Turnaround Time:		Requested Criteria:		(Please Circle)		Signature: _____ Date: _____									
SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:		1 Day* <input type="checkbox"/> 2 Day* <input type="checkbox"/> 3 Day* <input type="checkbox"/> 4 Day* <input type="checkbox"/> 5 Day* <input type="checkbox"/> Standard <input type="checkbox"/>		TAC I/C TAC RES SVVC I/C SVVC RES CHW RES		Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial		NJ: Indoor Air: Residential Ind/Commercial Soil Gas: Residential Ind/Commercial		NY: Vapor Intrusion		PA: Indoor Air: Residential Non-residential		VT: Indoor Air: Residential Industrial Sub-slab Residential Industrial			
(B) - 6.0L @ 8 hr, 2 Connectors		SURCHARGES MAY APPLY															

NYSDEC confrims accuracy of : Client Sample ID, Canister ID#, Canisiter Size (L), Flow Regulator ID#, Sampling Starting Time, Sampling End Time, Sample Start Date, Canister Pressure at Start (inHg), Canister Pressure at End (inHg) and as well as the matirx locations.

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Worker observed at 9:36AM with the door open in the sauna room. When asked by NYSDEC, the worker stated there was no plan for work in the room for the remainder of the day.