Impact Environmental Engineering Geology, PLLC
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DAILY STATUS REPORT #01

Prepared By: M Sidlauskas / G. Mendez-Chicas

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

IEC Project No:	15514	**NYSDEC BCP Site No**:	C360211	**Date**:	10/3/2022
Project:	60 McLean Avenue, Yonkers, NY				

Consultant:	**Personnel On Site:**
Impact Environmental Engineering and Geology, PLLC (IEEG) Time On: 7:00 Time Out: 2:45	Environmental Supervisor – Marius Sidlauskas (IEEG) Foreman – Javier Velasquez (SNL Construction) Demo Contractor – Frank Mazzurco (Best Industries)

Scope of Work:

- Demolition of rear slab on second floor, air monitoring of dust and VOC's particles.
- Screen broken slab areas and/or exposed soils every 10-feet using portable photo-ionization detector (PID).

Site Activities:

- Demolition of second story slab near the rear walls of the subject property for installation of new slab and bracing.

Community Air Monitoring Program (CAMP) **Daily Logs are attached.*

- IEEG implemented work zone air monitoring during ground intrusive activities. Work zone monitoring equipment consisted of two (2) stations equipped with a DustTrak and PID positioned upwind and downwind of the work area.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit at the work zone air monitoring stations.
- 0.021 microgram per cubic meter (mg/m^3) prestart/background conditions
- 0.0 parts per million (ppm) VOC's prestart/background conditions
- Upwind Dust Data ranged from 0.06 mg/m3 to 0.071 mg/m3
- Upwind and downwind PID data ranged from 0.0 ppm to 0.0 ppm.
- No visible dust was observed during activities.

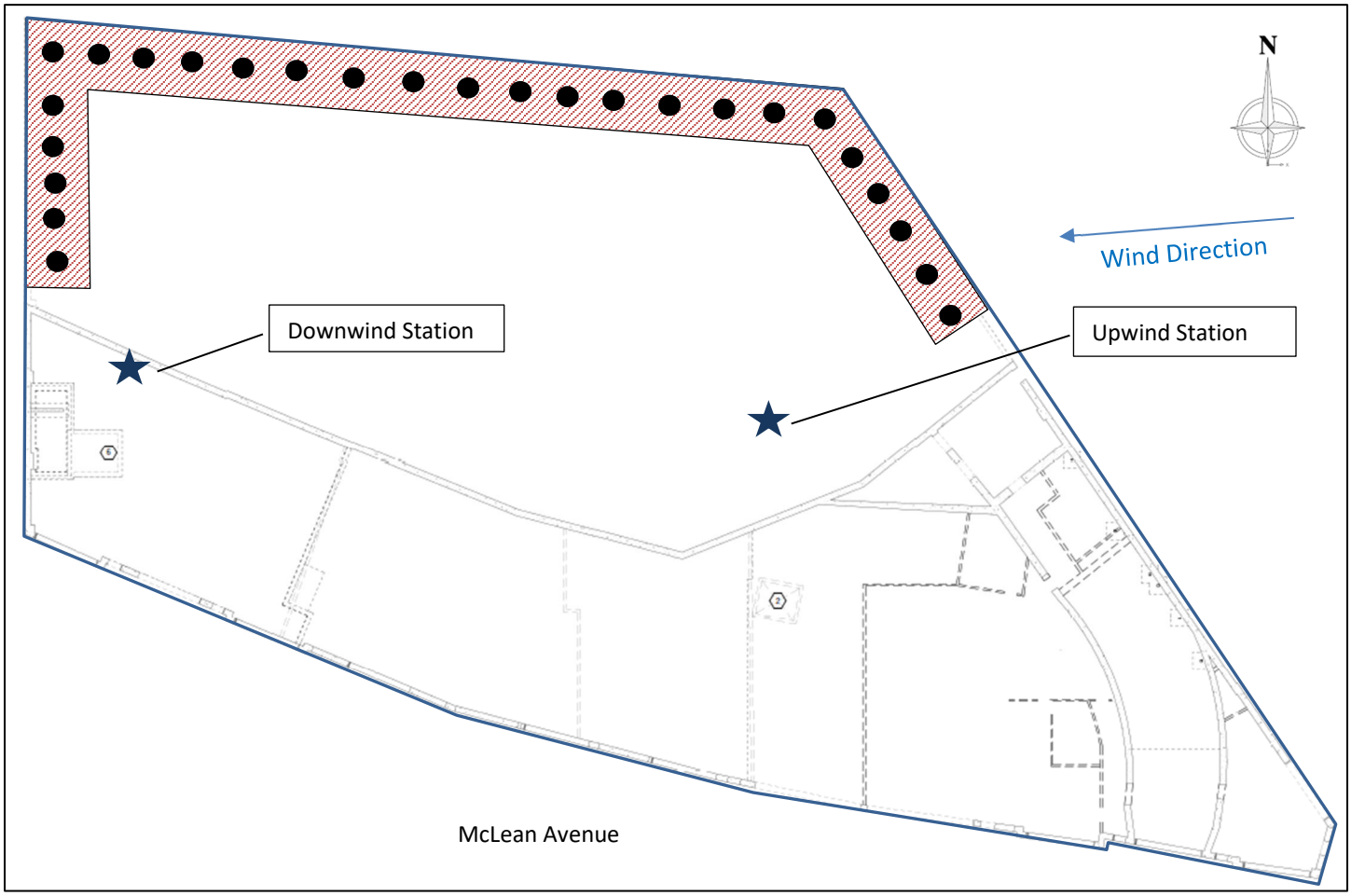
Miscellaneous Items or Problem Encountered:

- Portable PID readings recorded during slab demolition screening were detected above 0.3 ppm.
- Upwind DustTrak unit malfunction. New equipment ordered for next day.
- PID (both downwind and upwind) units unable to charge, unable to upload raw data. Real-time dust and PID readings were collected in lieu of the logged data.

Planned Activities for the Next Day:

- Continuation of slab demolition and removal

Site Activity Map



- CAMP Station
- Property Boundary
- Work Area / Slab Broken Up (not removed)
- PID Screening Point (every 10-feet)

Photo Log

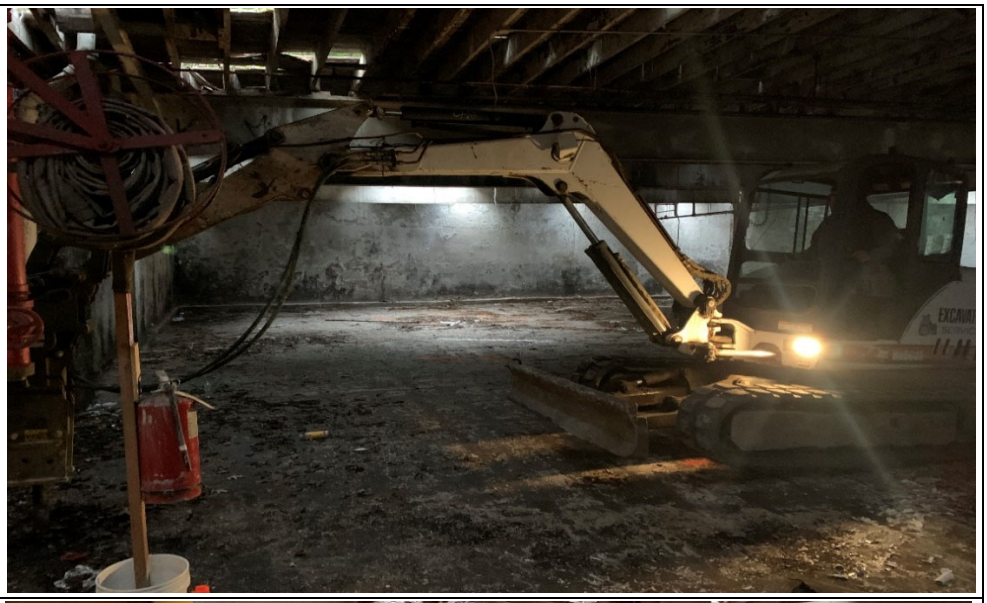
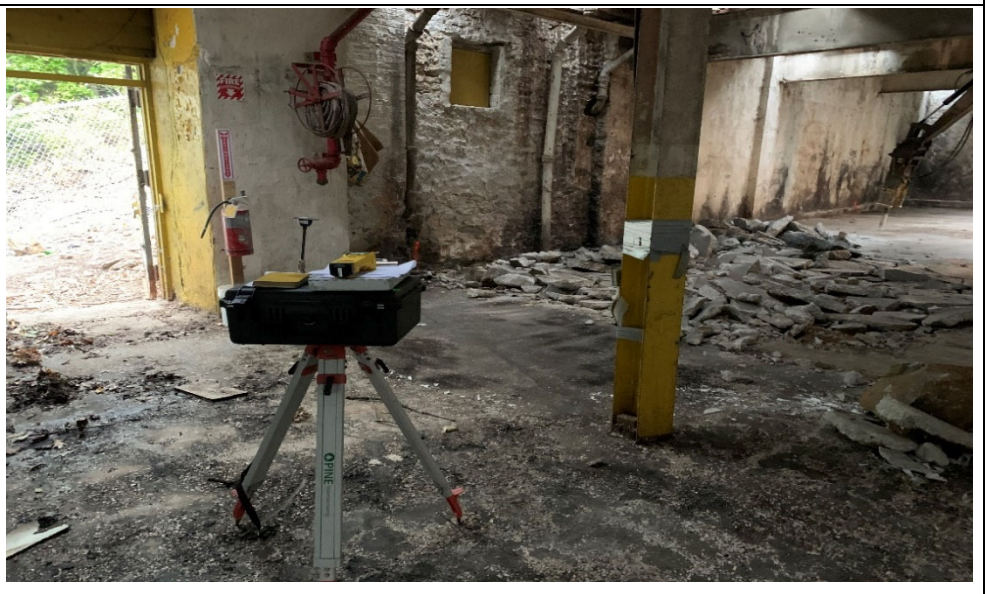
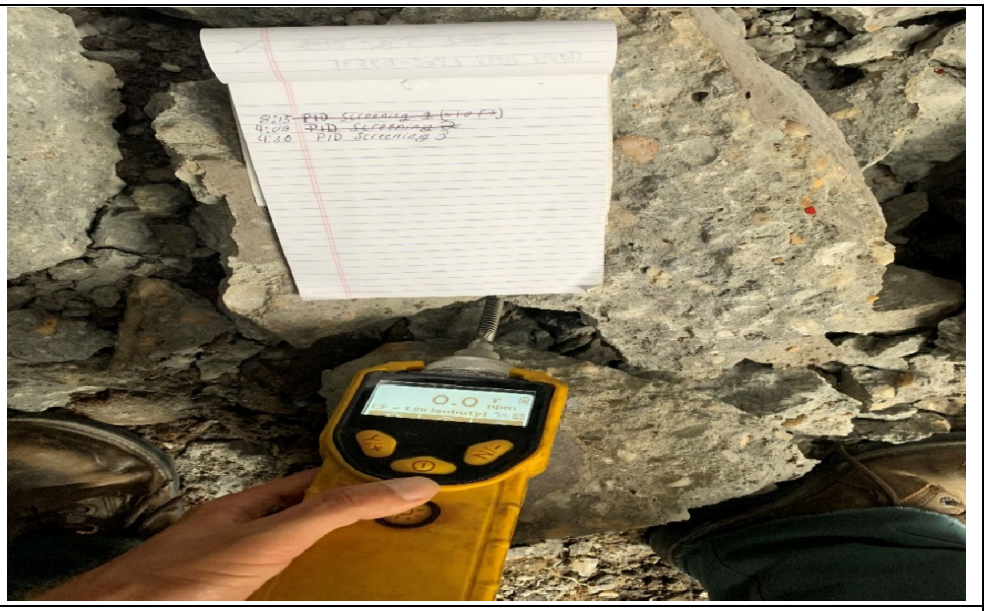
Photo 1 – Start of slab demolition	
Photo 2 – CAMP station adjacent to demolished slab	

Photo 3 – Example of PID reading of demolished slab	
Photo 4 – Demolished slab being moved around by excavator	

Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530162403
Firmware Version		3.1
Calibration Date		4/29/2022
Test Name	MANUAL_003	
Test Start Time		7:26:40 AM
Test Start Date		10/3/2022
Test Length [D:H:M]		0:06:48
Test Interval [M:S]		15:00
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0
Mass Maximum [mg/m3]		0.071
Mass TWA [mg/m3]		0.012
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		28

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.021		
1800	0.062		
2700	0.04		
3600	0.024		
4500	0.071		
5400	0.023		
6300	0.009		
7200	0.011		
8100	0.007		
9000	0.006		
9900	0.006		
10800	0.006		
11700	0.006		
12600	0.006		
13500	0.006		
14400	0.006		
15300	0.006		
16200	0.006		
17100	0.006		
18000	0.006		
18900	0.006		
19800	0.006		
20700	0.007		
21600	0.007		
22500	0.007		
23400	0.006		
24300	0.006		

24520 0

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Dust and Volatile Organic Vapor Monitoring

Project:	60 McLean Avenue Yonkers, NY	Job No.:	15514
Location:		On-site Personnel:	MS
Day & Date:	10/3/2022	Weather:	

	AM	PM		
			Sample Interval:	15 minutes
Wind Direction	11 mph SE	13 mph E	Background Reading (particulates)	**0.021 mg/m³**
Temperature Range:	50-60 °F		Background Reading (organic vapors)	0.0 **ppm**
Calibration Dates:	Particulate Meters:		Photoionization Detector:	
Action Level/Response:	Organic vapors: > 5ppm above background levels/ 15 minute readings			
	Particulates: 0.100 mg/m³ above up wind reading/15 minute period			

Time	Particulate levels:		ORGANIC VAPOR LEVELS (Upwind/Downwind)	NOTES
	UPWIND (mg/m³)	DOWNWIND (mg/m³)	(ppm)	
0700		0.021	0.0/0.0	
0715		0.062	0.0/0.0	
0730		0.04	0.0/0.0	
0745		0.024	0.0/0.0	
0800		0.071	0.0/0.0	
0815		0.023	0.0/0.0	
0830		0.009	0.0/0.0	
0845		0.011	0.0/0.0	
0900		0.007	0.0/0.0	
0915		0.006	0.0/0.0	
0930		0.006	0.0/0.0	
0945		0.006	0.0/0.0	
1000		0.006	0.0/0.0	
1015		0.006	0.0/0.0	
1030		0.006	0.0/0.0	
1045		0.006	0.0/0.0	
1100		0.006	0.0/0.0	
1115		0.006	0.0/0.0	

Project: _____ Job No.: _____

Location: _____ Day & Date: _____

Time	Particulate levels:		ORGANCI VAPOR LEVELS	NOTES
	UPWIND (mg/m^3)	DOWNWIND (mg/m^3)	(ppm)	
1215		0.006	0.0/0.0	
1230		0.006	0.0/0.0	
1245		0.006	0.0/0.0	
1300		0.006	0.0/0.0	
1315		0.007	0.0/0.0	
1330		0.007	0.0/0.0	
1345		0.007	0.0/0.0	
1400		0.006	0.0/0.0	
1415		0.006	0.0/0.0	
1430		0.006	0.0/0.0	
1445				
1500				
1515				
1530				
1545				
1600				
1615				
1630				
1645				
1700				