Impact Environmental Engineering Geology, PLLC
170 Keyland Court| Bohemia| NY | 11716 | 631.269.8800 welcome to solid ground…
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DAILY STATUS REPORT #03

Prepared By: Marius Sidlauskas

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

IEC Project No:	15514	**NYSDEC BCP Site No**:	C360211	**Date**:	10/6/2022
Project:	60 McLean Avenue, Yonkers, NY				

Consultant:	**Personnel On Site:**
Impact Environmental Engineering and Geology, PLLC (IEEG) Time On: 7:00 Time Out: 3:00	Environmental Supervisor – Marius Sidlauskas (IEEG) Foreman – Javier Velasquez (SNL Construction) Demo Contractor – Frank Mazzurco (D-Best Industries)

Scope of Work:

- Demolition of rear slab on second floor, air monitoring of dust and VOC's particles
- Removal and offsite transport of slab rubble, to facilitate installation of new slab and bracing.

Site Activities:

- Slab rubble removed from demolished area, and stockpiled. No concrete was removed from the Site.
- Wood boards removed from roof

Community Air Monitoring Program (CAMP)

- IEEG implemented air monitoring during ground intrusive activities. Monitoring equipment consisted of two (2) stations equipped with a DustTrak and PID positioned upwind and downwind of the work area outside the perimeter of the building.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit at the work zone air monitoring stations.
- 0.016 (upwind) 0.029 (downwind) **mg/m³**, PID: 0.0 (up/down) prestart conditions
- Upwind Dust Data ranged from 0.009 mg/m3 to 0.022 mg/m3.
- Downwind Dust Data ranged from 0.000 mg/m3 to 0.029 mg/m3.
- Upwind and downwind PID data ranged from 0.0 ppm to 2 ppm.
- No visible dust was observed during activities.

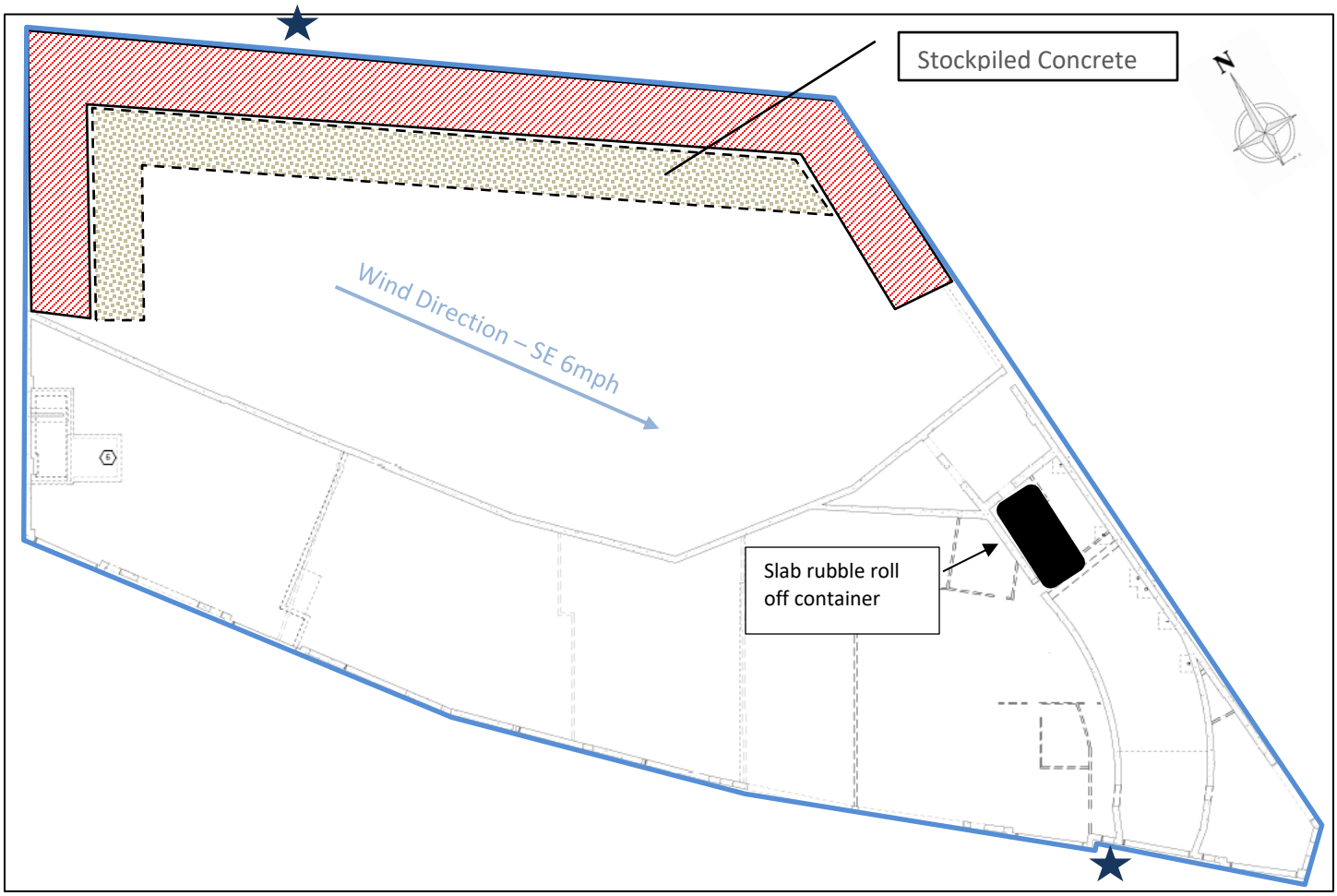
Problem Encountered:

- Excavator malfunctioned. Repaired and began work by 11:30

Planned Activities for the Next Day:

- Continuation of slab and roof removal

Site Activity Map



- CAMP Station
- Property Boundary
- Area of removed slab
- PID Screening Point
- Area of broken up slab

Photo Log

Photo 1 – General view of site facing west	
Photo 2 – View of broken slab cleared and stockpiled, facing west	

Photo 3 – View of slab/rubble container and repair truck on the ramp	
Photo 4 – View of roof, and wood pile after partial removal	

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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:	10/6/2022	Weather:	

	AM	PM		
Wind Direction	7 mph SE	6mph S	Sample Interval:	15 minutes
Temperature Range:		°F	Background Reading (particulates)	**0.029 mg/m³**
			Background Reading (organic vapors) **ppm**	0.0

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: UPWIND (mg/m³)	Particulate levels: DOWNWIND (mg/m³)	ORGANIC VAPOR LEVELS Upwind/downwind (ppm)	NOTES
0700				
0715				
0730	0.016	0.029	0.0/0.0	Slab Removal Begins
0745	0.012	0.017	0.0/0.0	
0800	0.011	0.016	0.0/0.0	
0815	0.009	0.016	0.0/0.0	
0830	0.009	0.010	0.0/0.0	
0845	0.010	0.004	0.0/0.0	
0900	0.011	0.001	0.0/0.0	
0915	0.011	0.001	0.0/0.0	
0930	0.010	0.001	0.0/0.0	
0945	0.011	0.001	0.0/0.0	
1000	0.011	0.001	0.0/0.0	
1015	0.022	0.001	0.0/0.0	
1030	0.011	0.002	0.0/0.0	
1045	0.012	0.001	0.0/0.0	
1100	0.019	0.001	0.0/0.0	
1115	0.012	0.001	0.0/0.0	

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Project: _____ Job No.: _____

Location: _____ Day & Date: _____

Time	Particulate levels:		ORGANCI VAPOR LEVELS	NOTES
	UPWIND (mg/m^3)	DOWNWIND (mg/m^3)	(ppm)	
1215	0.012	0.001	0.0/0.0	
1230	0.014	0.001	0.0/0.0	
1245	0.005	0.001	0.0/0.0	
1300	0.003	0.001	0.0/0.0	
1315	0.003	0.001	0.0/0.0	
1330	0.007	0.003	0.0/0.0	
1345	0.008	0.001	0.0/0.0	
1400	0.005	0.001	0.0/0.0	
1415	0.005	0.001	0.0/0.0	
1430	0.006	0.001	0.0/0.0	
1445	0.005	0.001	0.0/0.0	
1500				Activity Ends
1515				
1530				
1545				
1600				

Upwind PID
10/06/2022

Device Seri	Log Time	Log Type	Log Interva	Sensor 1 T	Sensor 1 D	Sensor 1 Se	Sensor 1 St	Sensor 1 G	Sensor 1 A	Sensor 1 M	Sensor 1 M	Sensor 1 S	Sensor 1 T	Sensor 1 La	Sensor 1 Sp	Sensor 1 Sp	Sensor 1 H	Sensor 1 Lo	Sensor 1 St	Sensor 1 Th	Sensor 1 O	Sensor 1 M	Sensor 1 Ca	Unit Status	Running M	Log Start T	Diagnostic	Stop Reaso	User Id	Site Id	Record Nu	Session Sta	Session Stc	Firmware Version
592-91915	10/6/2022 13:52	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 13:37	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 13:22	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 13:07	Readings		PID		SC2303002	Normal	0	0	0.1	0	0	0																				
592-91915	10/6/2022 12:52	Readings		PID		SC2303002	Normal	0	0	2	0	0	0																				
592-91915	10/6/2022 12:37	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 12:22	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 12:07	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 11:52	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 11:37	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 11:22	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 11:07	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 10:52	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 10:37	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 10:22	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 10:07	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 9:52	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 9:37	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 9:22	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 9:07	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 8:52	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/6/2022 8:37	CONFIG	900	PID	ppm	SC23030028U4								########	100	1000	100	50	25	10	15000	Isobutylen	1	Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	21	########	########	V2.22A

Downwind PID
10/06/2022

Device Seri	Log Time	Log Type	Log Interva	Sensor 1 T	Sensor 1 D	Sensor 1 Se	Sensor 1 St	Sensor 1 G	Sensor 1 A	Sensor 1 M	Sensor 1 M	Sensor 1 S	Sensor 1 T	Sensor 1 La	Sensor 1 Sp	Sensor 1 Sp	Sensor 1 H	Sensor 1 Lo	Sensor 1 St	Sensor 1 Ty	Sensor 1 O	Sensor 1 M	Sensor 1 Ca	Unit Status	Running M	Log Start T	Diagnostic	Stop Reaso	User Id	Site Id	Record Nu	Session Sta	Session Stc	Firmware Version
592-92719	10/6/2022 14:02	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 13:47	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 13:32	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 13:17	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 13:02	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 12:47	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 12:32	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 12:17	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 12:02	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 11:47	Readings		PID		SC2303027	Normal	0	0	0.1	0	0	0																				
592-92719	10/6/2022 11:32	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 11:17	Readings		PID		SC2303027	Normal	0	0	1.6	0	0	0																				
592-92719	10/6/2022 11:02	Readings		PID		SC2303027	Normal	0	0	0.1	0	0	0																				
592-92719	10/6/2022 10:47	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 10:32	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 10:17	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 10:02	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 9:47	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 9:32	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 9:17	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 9:02	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 8:47	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 8:32	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 8:17	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 8:02	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-92719	10/6/2022 7:47	CONFIG	900	PID	ppm	SC23030277	W3							########	100	1000	100	50	100	50	15000	Isobutylen	1	Hygiene M	Auto	Normal Mc	Power Dov	USER0000	SITE0000	25	########	########	V2.22

DustTrac Upwind
10/06/2022

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530124902
Firmware Version	3.1
Calibration Date	5/25/2022
Test Name	MANUAL_003
Test Start Time	9:03:29 AM
Test Start Date	10/6/2022
Test Length [D:H:M]	0:04:45
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.012
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.022
Mass TWA [mg/m3]	0.007
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	19

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.016		
1800	0.012		
2700	0.011		
3600	0.009		
4500	0.009		
5400	0.009		
6300	0.01		
7200	0.011		
8100	0.011		
9000	0.01		
9900	0.011		
10800	0.01		
11700	0.011		
12600	0.011		
13500	0.022		
14400	0.012		
15300	0.011		
16200	0.012		
17100	0.019		

DustTrac Downwind
10/06/2022

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162403
Firmware Version	3.1
Calibration Date	4/29/2022
Test Name	MANUAL_005
Test Start Time	7:33:29 AM
Test Start Date	10/6/2022
Test Length [D:H:M]	0:06:17
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.004
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0.003
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	26

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.029		
1800	0.017		
2700	0.016		
3600	0.016		
4500	0.01		
5400	0.004		
6300	0.001		
7200	0		
8100	0		
9000	0		
9900	0		
10800	0		
11700	0		
12600	0		
13500	0		
14400	0		
15300	0.002		
16200	0		
17100	0		
18000	0		
18900	0		
19800	0		
20700	0		
21600	0		
22500	0		
22648	0		