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 #02

Prepared By: Marius Sidlauskas

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

IEC Project No:	15514	**NYSDEC BCP Site No**:	C360211	**Date**:	10/5/2022
Project:	60 McLean Avenue, Yonkers, NY				

Consultant:	**Personnel On Site:**
Impact Environmental Engineering and Geology, PLLC (IEEG) Time On: 7:00 Time Out: 10:00	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 grade and placed in steel container.
- One (1) steel container of broken up concrete slab was removed from the site by D-Best Industries, and was transported to Loganah Recycling or Oceanside, New York.

Community Air Monitoring Program (CAMP)

- 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.
- 0.009 (upwind) 0.033 (downwind) **mg/m³**, PID: 0.0 (up/down) prestart conditions.
- Upwind Dust Data ranged from 0.012 mg/m3 to 0.084 mg/m3.
- Downwind Dust Data ranged from 0.006 mg/m3 to 0.033 mg/m3.
- Upwind and downwind PID data ranged from 0.0 ppm to 1.5 ppm.
- No visible dust was observed during activities.

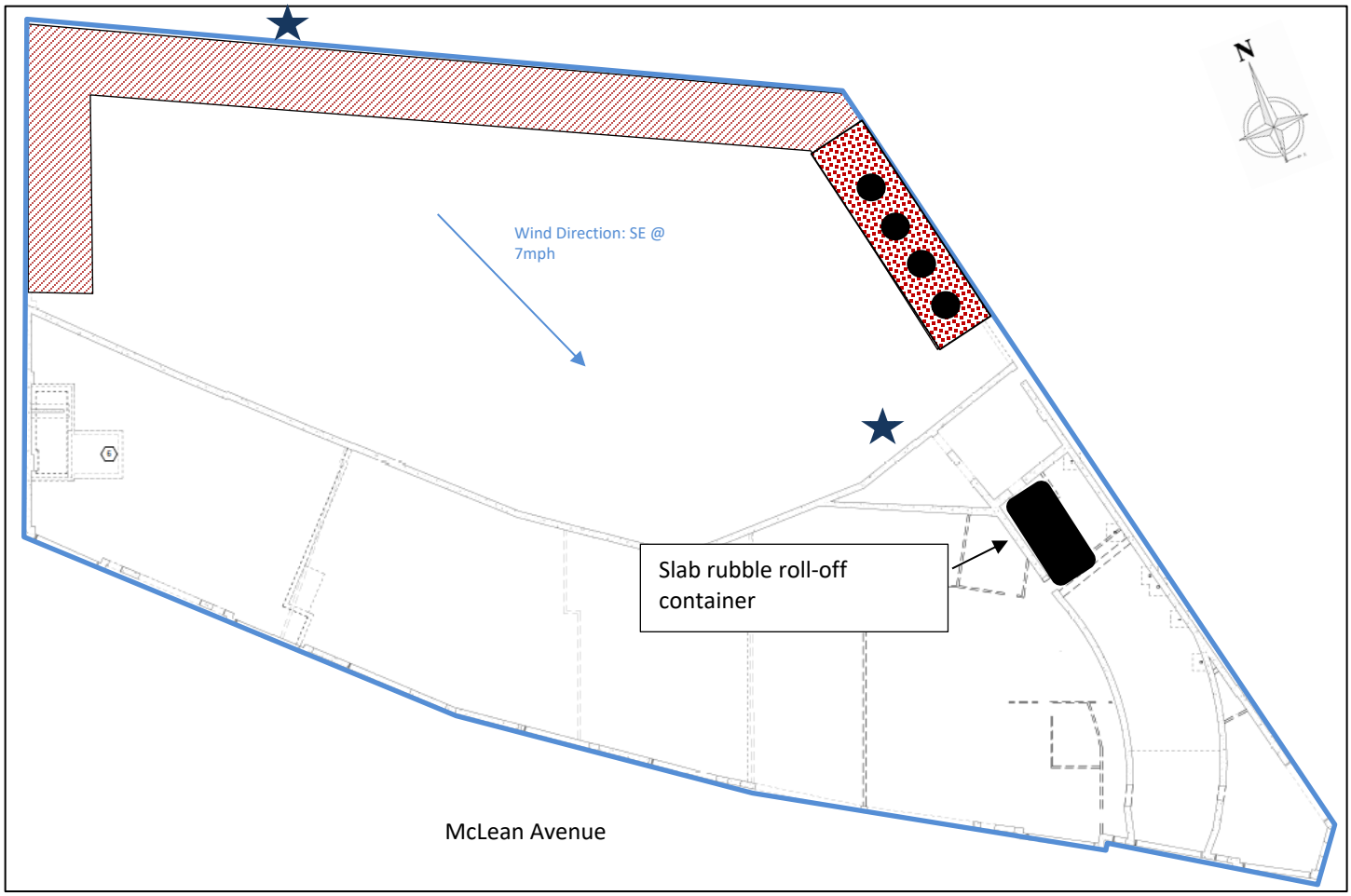
Problem Encountered:

- Heavy Rain, demolition crew ended activity at 9:45AM.

Planned Activities for the Next Day:

- Continuation of slab removal and offsite transport.

Site Activity Map



- CAMP Station
- Property Boundary
- Work Area / Slab Broken Up (not removed)
- PID Screening Point
- Area of exposed soil where slab has been removed

Photo Log

Photo 1 – Start of broken up slab being cleared	
Photo 2 – View of broken up slab piled up	

Photo 3 – View of broken up slab being placed into container	
Photo 4 – View of broken up slab, facing North	

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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:	10/5/2022	Weather:	

	AM	PM		
Wind Direction	7 mpg SE		Sample Interval:	15 minutes
Temperature Range:		°F	Background Reading (particulates)	**0.009 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/m^3 above up wind reading/15 minute period

Time	Particulate levels: UPWIND (mg/m^3)	Particulate levels: DOWNWIND (mg/m^3)	ORGANIC VAPOR LEVELS (ppm)	NOTES
0700				
0715				
0730	0.014	0.009	0.0	Slab Removal Begins
0745	0.014	0.014	0.0	
0800	0.012	0.018	0.0	
0815	0.013	0.009	0.0	
0830	0.015	0.0015	0.0	
0845	0.015	0.027	0.0	
0900	0.053	0.025	0.0	
0915	0.051	0.033	0.0	
0930	0.048	0.022	0.0	
0945	0.033	0.025	0.0	
1000	0.035	0.020	0.0	
1015				Slab Removal Ends
1030				
1045				
1100				
1115				

Device Serial No	Log Time	Log Type	Log Interval	Sensor 1 Type	Sensor 1 Display Unit	Sensor 1 Serial Number	Sensor 1 Status	Sensor 1 Gas Reading	Sensor 1 Average Reading	Sensor 1 Maximum Reading	Sensor 1 Minimum Reading	Sensor 1 STEL Reading	Sensor 1 TWA Reading	Sensor 1 Last Cal	Sensor 1 Span Setpoint	Sensor 1 Span2 Setpoint	Sensor 1 High Alarm	Sensor 1 Low Alarm	Sensor 1 STEL Alarm	Sensor 1 TWA Alarm	Sensor 1 Overrange Threshold	Sensor 1 Measurement Gas Type	Sensor 1 Correction Factor	Unit Status	Running Mode	Log Start Type	Diagnostic Mode	Stop Reason	User Id	Site Id	Record Number	Session Start Time	Session Stop Time	Firmware Version
592-927191	10/5/2022 9:51:20 AM	Readings		PID		SC23030277W3	Normal	0.0	0.0	0.1	0.0	0.0	0.0																					
592-927191	10/5/2022 9:36:20 AM	Readings		PID		SC23030277W3	Normal	0.0	0.0	0.3	0.0	0.0	0.0																					
592-927191	10/5/2022 9:21:20 AM	Readings		PID		SC23030277W3	Normal	0.0	0.0	0.1	0.0	0.0	0.0																					
592-927191	10/5/2022 9:06:20 AM	Readings		PID		SC23030277W3	Normal	0.0	0.0	0.1	0.0	0.0	0.0																					
592-927191	10/5/2022 8:51:20 AM	Readings		PID		SC23030277W3	Normal	0.0	0.0	0.0	0.0	0.0	0.0																					
592-927191	10/5/2022 8:36:20 AM	Readings		PID		SC23030277W3	Normal	0.0	0.0	0.0	0.0	0.0	0.0																					
592-927191	10/5/2022 8:21:20 AM	Readings		PID		SC23030277W3	Normal	0.0	0.0	0.3	0.0	0.0	0.0																					
592-927191	10/5/2022 8:06:20 AM	Readings		PID		SC23030277W3	Normal	0.0	0.0	0.0	0.0	0.0	0.0																					
592-927191	10/5/2022 7:51:20 AM	Readings		PID		SC23030277W3	Normal	0.0	0.0	0.0	0.0	0.0	0.0																					
592-927191	10/5/2022 7:36:20 AM	CONFIG	900	PID	ppm	SC23030277W3								10/4/2022	100.0	1000.0	100.0	50.0	100.0	50.0	15000.0	Isobutylene	1		Hygiene Mode	Auto	Normal Mode	Pause in Menu	USER0000	SITE0000	9	10/5/2022 7:36	10/5/2022 9:51	V2.22

Device Seri	Log Time	Log Type	Log Interva	Sensor 1 Ty	Sensor 1 Di	Sensor 1 Se	Sensor 1 St	Sensor 1 Gi	Sensor 1 Av	Sensor 1 M	Sensor 1 M	Sensor 1 ST	Sensor 1 TV	Sensor 1 La	Sensor 1 Sp	Sensor 1 Sp	Sensor 1 Hi	Sensor 1 Lo	Sensor 1 ST	Sensor 1 TV	Sensor 1 Ov	Sensor 1 M	Sensor 1 Ca	Unit Status	Running M	Log Start Ty	Diagnostic	Stop Reaso	User Id	Site Id	Record Nur	Session Sta	Session Sto	Firmware Version
592-91915	10/5/2022 9:54	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 9:39	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 9:24	Readings		PID		SC2303027	Normal	1.2	1.3	2	1.1	2.5	0.8																				
592-91915	10/5/2022 9:24	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 9:09	Readings		PID		SC2303027	Normal	0.3	0.3	0.4	0.2	0.5	0.2																				
592-91915	10/5/2022 9:09	Readings		PID		SC2303027	Normal	1.3	1.4	2.7	1.2	2.5	0.7																				
592-91915	10/5/2022 9:09	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 8:54	Readings		PID		SC2303027	Normal	0.2	0.3	0.5	0	0.2	0.1																				
592-91915	10/5/2022 8:54	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 8:54	Readings		PID		SC2303027	Normal	0.2	0.2	0.3	0.2	0.4	0.2																				
592-91915	10/5/2022 8:54	Readings		PID		SC2303027	Normal	1.2	1.2	1.8	1	2.4	0.7																				
592-91915	10/5/2022 8:54	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 8:39	Readings		PID		SC2303027	Normal	0	0.3	0.5	0	0	0.1																				
592-91915	10/5/2022 8:39	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 8:39	Readings		PID		SC2303027	Normal	0.2	0.2	0.3	0.2	0.5	0.2																				
592-91915	10/5/2022 8:39	Readings		PID		SC2303027	Normal	1.2	1.2	1.4	1	2.5	0.6																				
592-91915	10/5/2022 8:39	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 8:24	Readings		PID		SC2303027	Normal	0	0.3	0.5	0	0.5	0.1																				
592-91915	10/5/2022 8:24	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 8:24	Readings		PID		SC2303027	Normal	0.3	0.3	0.4	0.2	0.7	0.1																				
592-91915	10/5/2022 8:24	Readings		PID		SC2303027	Normal	1.3	1.3	1.7	1.1	2.5	0.6																				
592-91915	10/5/2022 8:24	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 8:09	Readings		PID		SC2303027	Normal	0.5	0.3	0.5	0	0.8	0.1																				
592-91915	10/5/2022 8:09	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 8:09	Readings		PID		SC2303027	Normal	0.4	0.3	0.4	0.2	0.7	0.1																				
592-91915	10/5/2022 8:09	Readings		PID		SC2303027	Normal	1.2	1.4	3.4	1.1	2.3	0.6																				
592-91915	10/5/2022 8:09	Readings		PID		SC2303027	Normal	0.3	0.4	0.4	0.3	0.7	0.3																				
592-91915	10/5/2022 8:09	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 7:54	Readings		PID		SC2303027	Normal	0.3	0.2	0.4	0	0.7	0.1																				
592-91915	10/5/2022 7:54	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 7:54	Readings		PID		SC2303027	Normal	0.4	0.5	0.5	0.4	0.9	0.3																				
592-91915	10/5/2022 7:54	Readings		PID		SC2303027	Normal	0.3	0.3	0.4	0.2	0.5	0.1																				
592-91915	10/5/2022 7:54	Readings		PID		SC2303027	Normal	1.1	1.2	2.6	1	2.4	0.5																				
592-91915	10/5/2022 7:54	Readings		PID		SC2303027	Normal	0.4	0.4	0.5	0.3	0.7	0.2																				
592-91915	10/5/2022 7:54	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 7:54	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303027	Normal	0.4	0.1	0.5	0	0.4	0.1																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303027	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303027	Normal	0.5	0.4	0.5	0.4	0.9	0.3																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303027	Normal	0.2	0.2	0.3	0.2	0.4	0.1																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303027	Normal	1.3	1.3	2	1.1	2.8	0.5																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303027	Normal	0.2	0.2	0.3	0.2	0.4	0.1																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303027	Normal	0.2	0.2	0.2	0.1	0.4	0.1																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303027	Normal	0.3	0.4	0.4	0.3	0.7	0.2																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303027	Normal	0	0	1.9	0	0	0																				
592-91915	10/5/2022 7:39	Readings		PID		SC2303002	Normal	0	0	0	0	0	0																				
592-91915	10/5/2022 7:24	CONFIG	900	PID		SC2303027	Normal	0	0	0.2	0	0	0.1												Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A
592-91915	10/5/2022 7:24	CONFIG	900	PID		SC2303027	Normal	0	0	0	0	0	0												Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A
592-91915	10/5/2022 7:24	CONFIG	900	PID		SC2303027	Normal	0.4	0.4	0.5	0.4	0.8	0.3												Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A
592-91915	10/5/2022 7:24	CONFIG	900	PID		SC2303027	Normal	0.2	0.2	0.4	0.2	0.5	0.1												Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A
592-91915	10/5/2022 7:24	CONFIG	900	PID		SC2303027	Normal	1.5	1.4	2.2	1.1	2.7	0.5												Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A
592-91915	10/5/2022 7:24	CONFIG	900	PID		SC2303027	Normal	0.2	0.2	0.3	0.2	0.4	0.1												Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A
592-91915	10/5/2022 7:24	CONFIG	900	PID		SC2303027	Normal	0.2	0.1	0.3	0.1	0.3	0.1												Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A
592-91915	10/5/2022 7:24	CONFIG	900	PID		SC2303027	Normal	0.4	0.4	0.4	0.4	0.8	0.2												Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A
592-91915	10/5/2022 7:24	CONFIG	900	PID		SC2303027	Normal	0	0.3	7.1	0	0	0												Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A
592-91915	10/5/2022 7:24	CONFIG	900	PID	ppm	SC23030028U4							9/29/2022	100	1000	100	50	25	10	15000	Isobutylen	1	Hygiene M	Manual	Normal Mc	Stop by Us	NORTH000	RAE00001	10	########	########	V2.22A

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530162403
Firmware Version	3.1
Calibration Date	4/29/2022
Test Name	MANUAL_004
Test Start Time	7:19:01 AM
Test Start Date	10/5/2022
Test Length [D:H:M]	0:02:30
Test Interval [M:S]	15:00
Mass Average [mg/m3]	0.019
Mass Minimum [mg/m3]	0.006
Mass Maximum [mg/m3]	0.033
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	10

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
900	0.015		
1800	0.009		
2700	0.022		
3600	0.024		
4500	0.006		
5400	0.008		
6300	0.033		
7200	0.021		
8100	0.03		
9000	0.021		

Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530124902
Firmware Version		3.1
Calibration Date		5/25/2022
Test Name	MANUAL_001	
Test Start Time		7:21:13 AM
Test Start Date		10/5/2022
Test Length [D:H:M]		0:02:31
Test Interval [M:S]		1:00
Mass Average [mg/m3]		0.03
Mass Minimum [mg/m3]		0.011
Mass Maximum [mg/m3]		0.084
Mass TWA [mg/m3]		0.009
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		151

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.015		
120	0.012		
180	0.012		
240	0.012		
300	0.012		
360	0.012		
420	0.013		
480	0.014		
540	0.014		
600	0.014		
660	0.014		
720	0.014		
780	0.014		
840	0.014		
900	0.012		
960	0.013		
1020	0.013		
1080	0.013		
1140	0.027		
1200	0.032		
1260	0.054		
1320	0.079		
1380	0.08		
1440	0.047		
1500	0.031		
1560	0.032		
1620	0.084		

1680	0.055
1740	0.076
1800	0.044
1860	0.039
1920	0.036
1980	0.036
2040	0.032
2100	0.027
2160	0.028
2220	0.025
2280	0.021
2340	0.019
2400	0.016
2460	0.022
2520	0.033
2580	0.024
2640	0.034
2700	0.027
2760	0.032
2820	0.029
2880	0.034
2940	0.04
3000	0.032
3060	0.033
3120	0.031
3180	0.027
3240	0.027
3300	0.025
3360	0.025
3420	0.024
3480	0.023
3540	0.023
3600	0.021
3660	0.017
3720	0.016
3780	0.014
3840	0.014
3900	0.013
3960	0.012
4020	0.012
4080	0.011
4140	0.012
4200	0.032
4260	0.021
4320	0.022
4380	0.021
4440	0.018

4500	0.02
4560	0.018
4620	0.016
4680	0.015
4740	0.013
4800	0.012
4860	0.015
4920	0.016
4980	0.026
5040	0.03
5100	0.027
5160	0.033
5220	0.033
5280	0.033
5340	0.025
5400	0.022
5460	0.025
5520	0.036
5580	0.048
5640	0.042
5700	0.047
5760	0.041
5820	0.043
5880	0.049
5940	0.047
6000	0.05
6060	0.047
6120	0.053
6180	0.049
6240	0.051
6300	0.043
6360	0.044
6420	0.05
6480	0.049
6540	0.042
6600	0.036
6660	0.038
6720	0.035
6780	0.033
6840	0.036
6900	0.036
6960	0.032
7020	0.032
7080	0.037
7140	0.039
7200	0.04
7260	0.036

7320	0.037
7380	0.033
7440	0.034
7500	0.037
7560	0.039
7620	0.041
7680	0.039
7740	0.039
7800	0.037
7860	0.036
7920	0.036
7980	0.035
8040	0.035
8100	0.036
8160	0.033
8220	0.032
8280	0.03
8340	0.032
8400	0.032
8460	0.032
8520	0.036
8580	0.03
8640	0.028
8700	0.024
8760	0.022
8820	0.017
8880	0.021
8940	0.021
9000	0.021
9060	0.019