**Impact Environmental Engineering Geology, PLLC**
170 Keyland Court| Bohemia| NY | 11716 | 631.269.8800 welcome to solid ground…
*www.impactenvironmental.com*

# DAILY STATUS REPORT #20

**Prepared By**: Marius Sidlauskas

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

| | | | | | |
|---|---|---|---|---|---|
| **IEC Project No**: | 15514 | **NYSDEC BCP Site No**: | C360211 | **Date**: | 11/21/2022 |
| **Project**: | 60 McLean Avenue, Yonkers, NY | | | | |

| **Consultant:** | **Personnel On Site:** |
|---|---|
| Impact Environmental Engineering and Geology, PLLC (IEEG)<br><br>Time On: 7:00<br>Time Out: 1:45 | Environmental Supervisor – Marius Sidlauskas (IEEG)<br>Foreman – Javier Velasquez (SNL Construction)<br>Demo Contractor – Frank Mazzurco (D-Best Industries) |

**Scope of Work**:

- Demolition of rear slab on second floor interior, air monitoring of dust and VOC's particles. Building walls will remain intact during rehabilitation work.
- Slab removal and then Excavation of slab cleared area on second floor by NE staircase, near footing (10 ft deep), backfilled at the end of day.
- Excavation of test pits along the northern wall on the first floor to determine bedrock and footings depth
- Stockpiling of soil from mexcavation.

**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) 0.012 (downwind) **mg/m³**, PID: 0.0 (up/down) prestart conditions.
- Upwind Dust Data ranged from 0.009 mg/m3 to 0.015 mg/m3.
- Downwind Dust Data ranged from 0.013 mg/m3 to 0.021 mg/m3.
- Upwind and downwind PID data ranged from 0.0 ppm to 0.0 ppm.
- No visible dust was observed during activities.

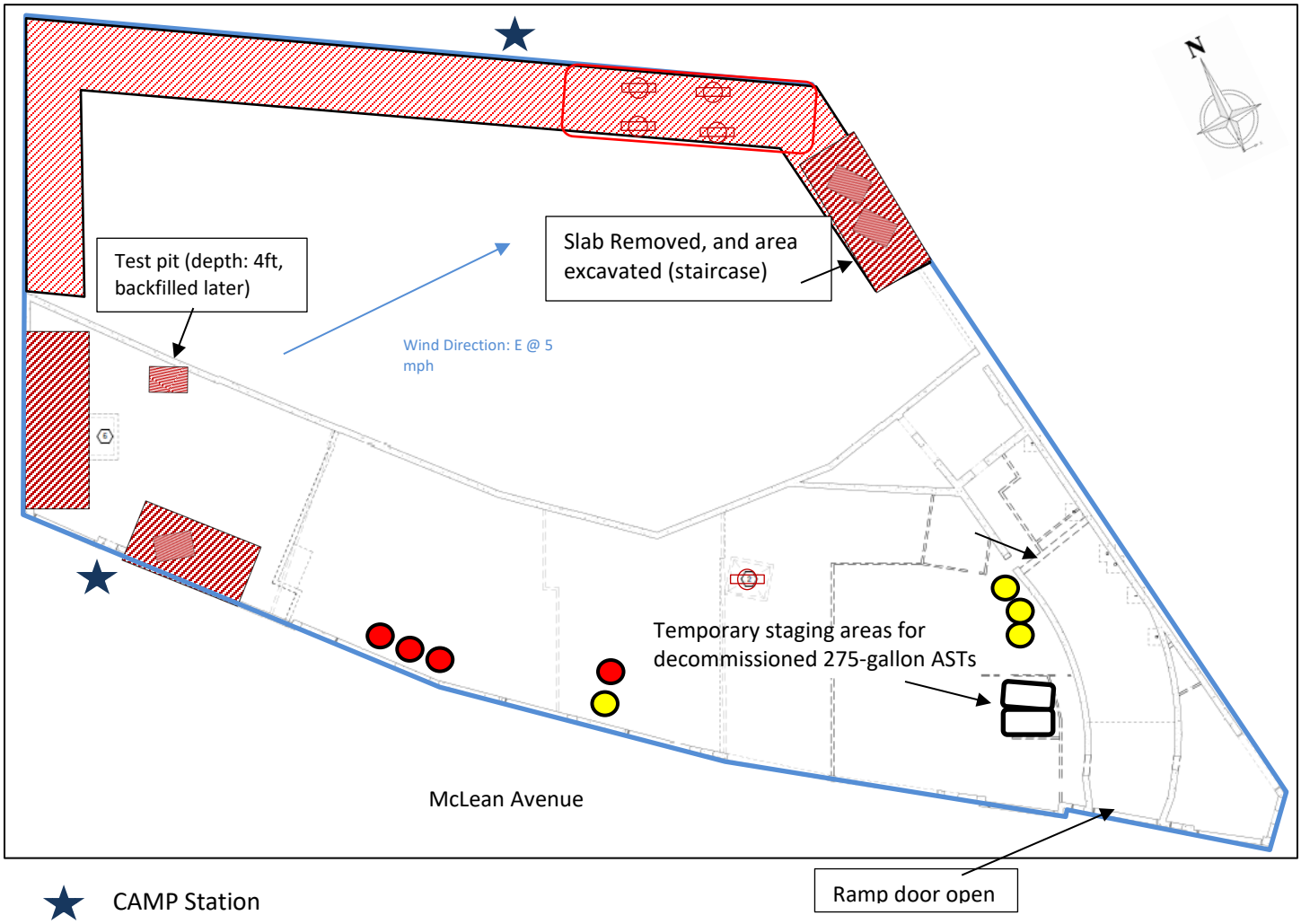
**Miscellaneous Items or Problem Encountered:**

- No visible dust was observed during activities.

**Planned Activities for the Next Day:**

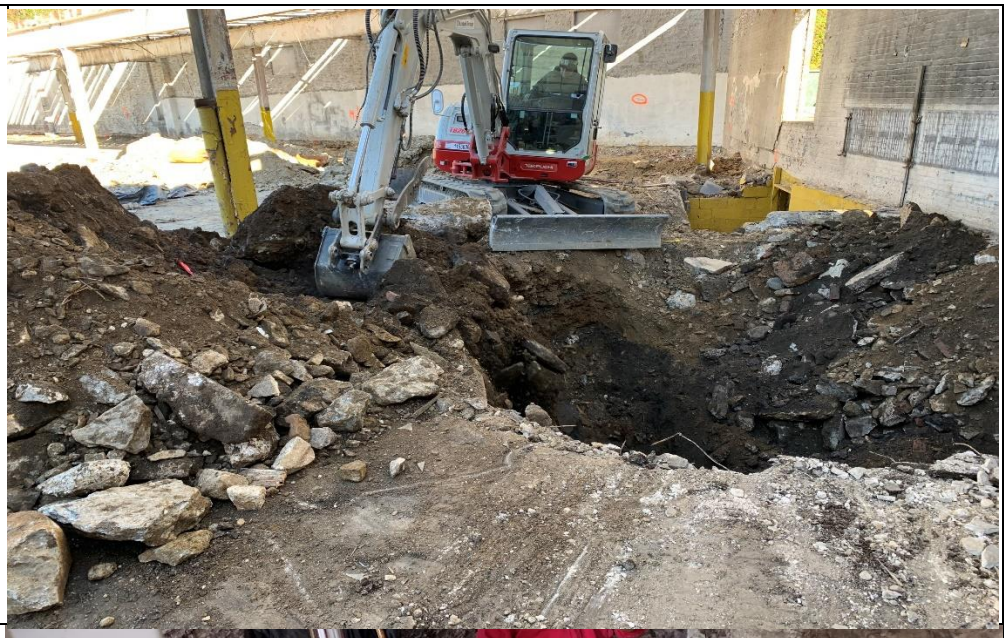
- Continue digging out test pits on the first floor.

# Site Activity Map




- CAMP Station
- Property Boundary
- Work Area / Slab Broken Up (removed)
- PID Screening Point
- Over-Excavated area
- Piston
- Hydraulic oil (2), Waste oil (1) and spent absorbent (1) Drums
- Pumped Drums (not yet removed)

## Photo Log

| | |
|---|---|
| **Photo 1 –** View of excavation by the staircase and footing on the second floor |  |
| **Photo 2 –** View of test pit excavation along northern wall on the first floor |  |

| | |
|---|---|
| **Photo 3 –** Down wind CAMP unit station |  |
| **Photo 4 –** Up wind CAMP unit station |  |

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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: | 11/21/2022 | Weather: | |

| | AM | PM | | |
|---|---|---|---|---|
| Wind Direction | 5 mph E | | Sample Interval: | 15 minutes |
| Temperature Range: | 27-40°F | | Background Reading (particulates) | **0.009 mg/m³** |
| Calibration Dates: | Particulate Meters: | | Background Reading (organic vapors) | 0.0 **ppm** |
| Action Level/Response: | Photoionization Detector: | | | |
| | 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** | 0.009 | 0.012 | 0.0 | Activity Begins |
| **0715** | 0.011 | 0.013 | 0.0 | |
| **0730** | 0.011 | 0.013 | 0.0 | |
| **0745** | 0.010 | 0.012 | 0.0 | |
| **0800** | 0.011 | 0.013 | 0.0 | |
| **0815** | 0.010 | 0.014 | 0.0 | |
| **0830** | 0.010 | 0.014 | 0.0 | |
| **0845** | 0.010 | 0.013 | 0.0 | |
| **0900** | 0.012 | 0.016 | 0.0 | |
| **0915** | 0.012 | 0.015 | 0.0 | |
| **0930** | 0.013 | 0.015 | 0.0 | |
| **0945** | 0.011 | 0.015 | 0.0 | |
| **1000** | 0.012 | 0.015 | 0.0 | |
| **1015** | 0.012 | 0.016 | 0.0 | |
| **1030** | 0.013 | 0.017 | 0.0 | |
| **1045** | 0.012 | 0.015 | 0.0 | |
| **1100** | 0.012 | 0.017 | 0.0 | |
| **1115** | 0.010 | 0.018 | 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** | 0.014 | 0.020 | 0.0 | |
| **1230** | 0.014 | 0.021 | 0.0 | |
| **1245** | 0.013 | 0.020 | 0.0 | |
| **1300** | 0.013 | 0.020 | 0.0 | |
| **1315** | 0.013 | 0.019 | 0.0 | |
| **1330** | 0.012 | 0.018 | 0.0 | |
| **1345** | 0.015 | 0.018 | 0.0 | |
| **1400** | 0.013 | 0.016 | 0.0 | |
| **1415** | | | | Activity Ends |
| **1430** | | 0.019 | 0.0 | Activity Ends |
| **1445** | | | | |
| **1500** | | | | |
| **1515** | | | | |
| **1530** | | | | |
| **1545** | | | | |
| **1600** | | | | |
| **1615** | | | | |
| **1630** | | | | |
| **1645** | | | | |
| **1700** | | | | |