



Integral Engineering, P.C.
31 West 34th Street
Suite 7196
New York, NY 10001

telephone: 212.962.4303
www.integral-corp.com

MEMORANDUM

To: Wendi Y. Zheng
New York State Department of Environmental Conservation

From: Sara Barbuto

Date: May 10, 2022

Subject: Monthly Progress Report
Former Cleaner Sales and Equipment Corp. NYSDEC Site No. C224177

Project No.: E1022

In accordance with the reporting requirements of the Brownfield Site Cleanup Agreement for the above-captioned Site, Integral Engineering, P.C. (Integral) presents this monthly progress report to New York State Department of Environmental Conservation (NYSDEC) on behalf of 135 Kent LLC. This progress report presents an update on the implementation of the remedial program activities at 135 Kent Avenue (Former Cleaner Sales and Equipment Corp. Site; NYSDEC Site No. C224177) for the month of April 2022.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. Collected sub-slab depressurization system (SSDS) monitoring measurements at VMPs and suction points at 135 Kent Avenue.
2. Performed follow-up maintenance for the air filtration units at 135 Kent Avenue.

Additional information regarding these actions is provided in the following sections.

135 Kent Avenue SSDS Monitoring

Integral performed SSDS monitoring of accessible VMPs and SSDS suction points on April 28, 2022. Pressure readings were collected from VMPs; airflow velocity readings were collected from SSDS suction points. The results of the April 28, 2022 monitoring event for all SSDS suction points and VMPs are presented in Table 1 below.

Table 1. April 28, 2022 135 Kent Avenue SSDS Monitoring Results

| Location | Airflow Velocity (ft/min) | Pressure (inches of H ₂ O) |
|---------------------|------------------------------|--|
| SSDS Suction Points | | |
| V-1 | 2,160 | -- |
| V-2 | 1,189 | -- |
| V-3 | 1,423 | -- |
| V-4 | 797 | -- |
| V-5 | 1,326 | -- |
| V-6 | 1,745 | -- |
| VMPs | | |
| PV-1R | -- | -0.006 |
| PV-2RR | -- | -0.330 |
| PV-3 | -- | -0.012 |
| PV-4R | -- | -0.033 |
| PV-5R | -- | -0.017 |
| PV-6RR | -- | -0.003 |
| PV-7RR | -- | -0.020 |
| PV-8 | -- | -0.012 |
| PV-10RR | -- | -0.021 |
| PV-11RR | -- | -0.004 |

In addition to VMP and suction point monitoring, Integral confirmed that the Sensaphone SSDS alarm system telephone was functional.

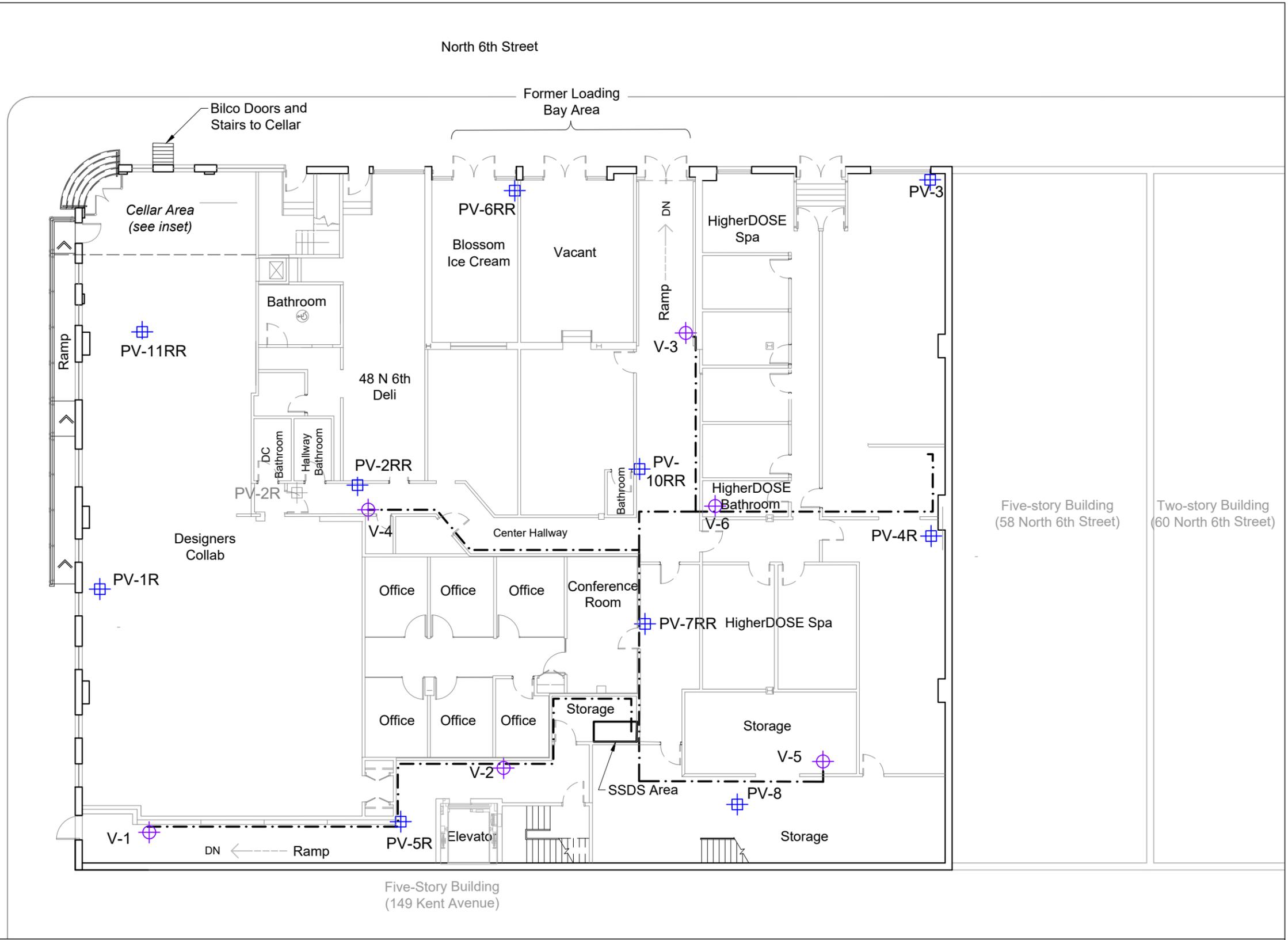
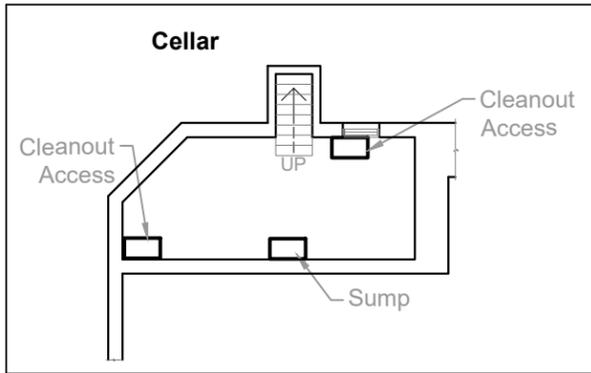
135 Kent Avenue Air Filtration Maintenance

Further maintenance for air filtration units (changeout of pre-filter material) was coordinated with 135 Kent Avenue building management and performed by an Integral field engineer on April 28, 2022. Building management posted physical notices and sent email communication regarding the maintenance event to all tenants. Tenants from residential apartments C-6, C-9, and C-11 did not provide their air filtration units for maintenance; Integral will coordinate with building management and these tenants to perform the pre-filter changeout during the May monitoring event.

PLANNED ACTIVITIES FOR THE MAY 2022 REPORTING PERIOD

The May 2022 monthly monitoring event will take May 25, 2022. The SSDS system is currently operating. Additional details regarding May 2022 activities will be provided in the next monitoring report, due June 10, 2022.

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Vapor (V) Well
 Permanent Vapor (PV) Well
 Former PV Well
 SSDS Piping

Sources:

1. Cellar Plan, First Floor Plan and Mezzanine Plan, Sheet A-2, Franklin Estrella R.A., March 31, 2006
2. SSDS As-Built Schematic, Figure 4, John V. Soderberg P.E., October 22, 2015

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Figure 1.
Site Sub-Slab Depressurization System and Monitoring Points
135 Kent Avenue, Brooklyn, NY



135 Kent Avenue
 Site # C224177
 SSDS Monitoring Form

Date: 4/28/22
 Time Begin: 1200
 Time End: 1530
 Staff: P. McGuire

| Sub-Slab Monitoring Point | Pressure (in. H ₂ O) |
|---------------------------|---------------------------------|
| PV-1R | 0.006 |
| PV-2R | -0.330 |
| PV-3 | -0.012 |
| PV-4R | 0.033 |
| PV-5R | 0.017 |
| PV-6RR | -0.003 |
| PV-7RR | -0.020 |
| PV-8 | -0.012 |
| PV-10RR | -0.021 |
| PV-11RR | 0.004 |

| SSDS Monitoring Point | Flow Velocity (ft/min) |
|-----------------------|------------------------|
| V-1 | 2160 |
| V-2 | 1189 |
| V-3 | 1423 |
| V-4 | 797 |
| V-5 | 1326 |
| V-6 | 1,745 |

0°
 0°
 15°
 45°
 45°
 0°

Notes:

| SSDS Treatment Room | Monitoring Point | Pressure (in. H ₂ O) | PID (ppm) | Notes |
|---------------------|-------------------------|---------------------------------|-----------|-------|
| Before lead drum | Gauge PI102 | 44 | no port | |
| Before lag drum | Gauge PI103 Sample Port | 32 | 4.4 | |
| After lag drum | Gauge PI104 Sample Port | 18 | 5.1 | |
| Ambient Air | | | 0.0 | |

Is SSDS blower operating: Yes No
 Is heat exhaust fan operating: Yes No
 Is Sensaphone operating: Yes No
 Tampering, vandalism, or damage to
 SSDS: Yes No
 Exhaust stack: Yes No