



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: July 10, 2023

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 June 2023.

ACTIONS COMPLETED DURING THIS REPORTING PERIOD

During this reporting period we have completed the following actions:

1. Performed activities to prepare for the proposed interim remedial measure (IRM): conducted a building residential tenant meeting, issued the IRM Work Plan fact sheet and document to document repositories, and began revisions per NYSDEC and New York State Department of Health (NYSDOH) comments.
2. Collected sub-slab depressurization system (SSDS) monitoring measurements at vapor monitoring points (VMPs) and suction points at 135 Kent Avenue.
3. Performed a walkthrough of 58 North 6th Street to plan for future SSDS installation.

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

135 Kent Avenue Interim Remedial Measure Work Plan

Integral prepared materials for the IRM Work Plan and coordinated planning for the proposed IRM with 135 Kent LLC during June 2023. The IRM Work Plan includes plans for excavation, waste disposal, the second phase of the remedial investigation, and installation of a vapor barrier and soil vapor extraction (SVE) system. Integral submitted the first draft of the IRM Work Plan to NYSDEC on November 4, 2022. Per NYSDEC request during the December 7 teleconference, Integral prepared the draft IRM Work Plan in the format of the NYSDEC remedial action work plan (RAWP) template and resubmitted the document on April 4, 2023.

NYSDEC provided comments to the document on April 13, 2023; NYSDOH provided comments on April 14, 2023. Integral revised the IRM Work Plan per NYSDEC and NYSDOH comments and submitted the revised IRM Work Plan on May 12, 2023.

Integral, 135 Kent LLC, NYSDEC, and NYSDOH held an in-person meeting and teleconference to present the proposed IRM to building residential tenants on June 1, 2023. The meeting was attended by several New York City and State representatives and residential tenants. Tenants voiced their concerns regarding the structural integrity of the building and performance of tenant safety measures during the remedial effort. Additional residential tenant meetings may be held prior to the performance of the IRM.

The 30-day comment period for the proposed IRM began on June 7, 2023. The fact sheet for the proposed IRM was issued on June 7, 2023 and mailed to all recipients indicated on the Site contact list provided by NYSDEC. Integral emailed the fact sheet and link to download the IRM Work Plan to residential tenants on June 7, 2023, and delivered a copy of the draft IRM Work Plan to the document repositories.

Integral will revise the draft IRM Work Plan per NYSDEC and NYSDOH comments for submittal in July 2023.

135 Kent Avenue SSDS Monitoring

Integral performed SSDS monitoring of accessible VMPs on June 15, 2023. VMPs and suction points are shown on attached Figure 1. The results of the June 15, 2023 monitoring event for all SSDS suction points and VMPs are presented in Table 1 below.

Table 1. May 16, 2023 135 Kent Avenue SSDS Monitoring Results

Location	Airflow Velocity (ft/min)	Pressure (inches of H₂O)
SSDS Suction Points		
V-1	2,335	--
V-2	1,174	--
V-3	1,341	--
V-4	2,011	--
V-5	1,351	--
V-6	1,883	--
VMPs		
PV-1R	--	-0.012
PV-2RR	--	-0.399
PV-3	--	-0.012
PV-4R	--	-0.033
PV-5R	--	-0.010
PV-6RR	--	-0.001
PV-7RR	--	-0.029
PV-8	--	-0.023
PV-10RR	--	-0.022
PV-11RR	--	-0.004

58 North 6th Street Walkthrough

Integral performed a walkthrough at 58 North 6th Street on June 29, 2023 to review considerations for ground penetrating radar (GPR), SSDS pilot testing, and SSDS design and installation at the site.

PLANNED ACTIVITIES FOR THE JUNE 2023 REPORTING PERIOD

The SSDS system is currently operating. The following activities are planned for the July 2023 reporting period:

-
- Proposed Interim Remedial Measure
 - NYSDEC provided comments received to the IRM Work Plan on July 10, 2023.
 - Integral will revise the draft IRM Work Plan per NYSDEC, NYSDOH, and public comments for submittal in July 2023.

- Monthly monitoring. The July 2023 monthly monitoring event is scheduled for the week of July 10, 2023.
- Air filtration unit replacement and maintenance. Integral will perform an inventory for second floor air filtration unit carbon filters during the week of July 10, 2023.
- Indoor air sampling. Integral will prepare draft tenant notification letters presenting the March 2023 indoor air sampling data for NYSDEC and NYSDOH review and comment.
- Annual reporting. Integral is finalizing the 2022 annual certification for 135 Kent Avenue and will submit to NYDSEC for review.
- Vapor intrusion mitigation
 - Integral performed changeout and maintenance of the 58 North 6th Street air filtration units on June 1, 2023. Integral is discussing the schedule for pilot testing and installation of an SSDS with building management for 58 North 6th Street.
 - Integral is coordinating changeout of carbon filters in air filtration units in 135 Kent Avenue for July 2023.

Additional details regarding July 2023 activities will be provided in the next monitoring report, due August 10, 2023.

135 Kent Avenue
Site # C224177
SSDS Monitoring Form

Date: 6/15/2023
 Time Begin: 12:45 p.m.
 Time End: 2:30 p.m.
 Staff: S.Eanes

Sub-Slab Monitoring Point	Pressure (in. H ₂ O)
PV-1R	-0.012
PV-2RR	-0.399
PV-3	-0.012
PV-4R	-0.033
PV-5R	-0.010
PV-6RR	-0.001
PV-7RR	-0.029
PV-8	-0.023
PV-10RR	-0.022
PV-11RR	-0.004

SSDS Monitoring Point	Flow Velocity (ft/min)	Valve Position
V-1	2,335	0°
V-2	1,174	45°
V-3	1,341	15°
V-4	2,011	0°
V-5	1,351	45°
V-6	1,883	0°

Notes:

SSDS Treatment Room	Monitoring Point	Pressure (in. H ₂ O)	PID (ppm)	Notes
Before lead drum	Gauge PI102	45	no port	
Before lag drum	Gauge PI103 Sample Port	32	2.0	
After lag drum	Gauge PI104 Sample Port	19	3.4	
Ambient Air		--	0.0	

Is SSDS blower operating:

Yes	No
Yes	No
Yes	No

Is heat exhaust fan operating:

Is Sensaphone operating:

Tampering, vandalism, or damage to

SSDS:

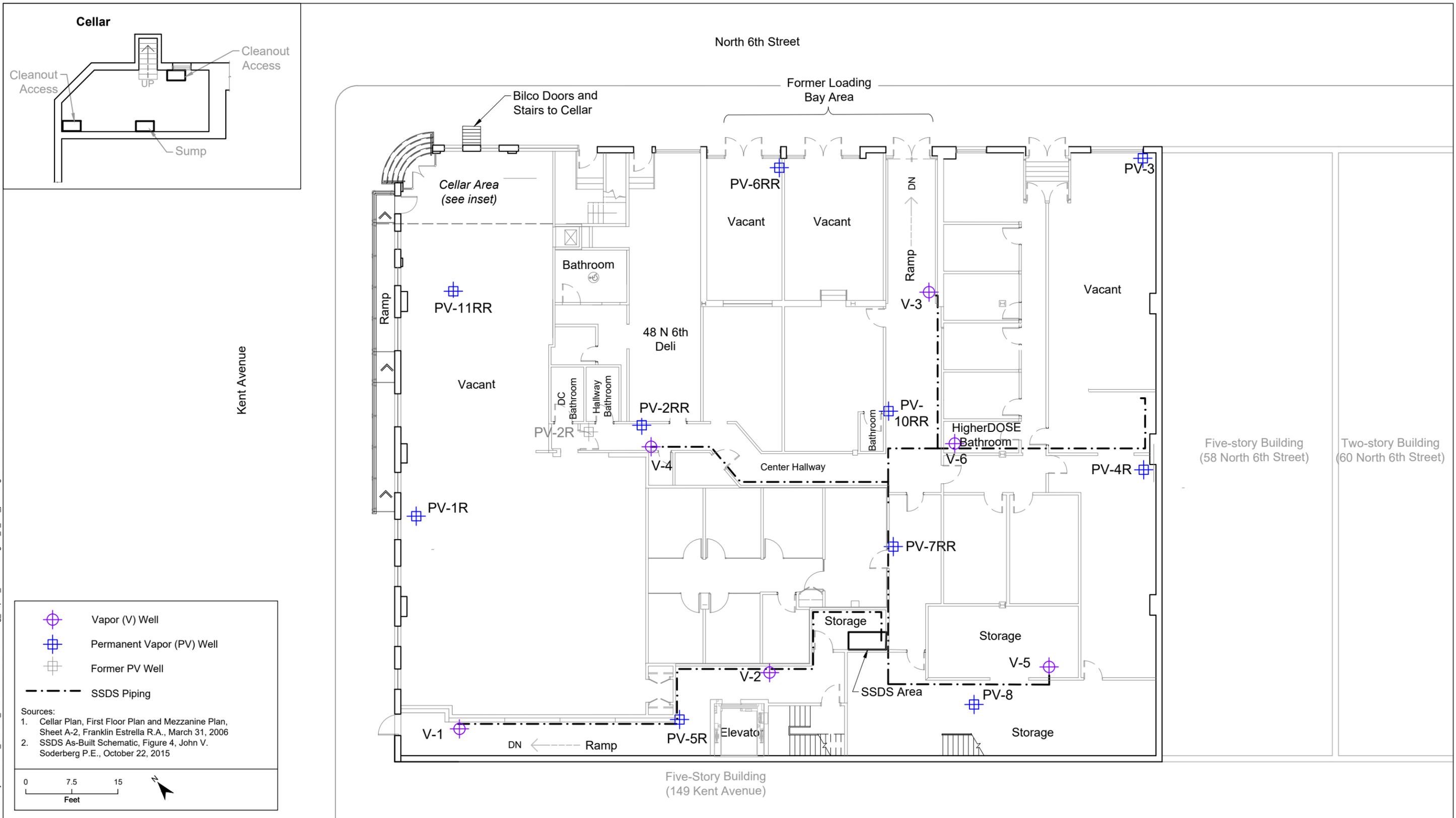
Yes

No
No

Exhaust stack:

Yes

N:\GIS\Projects\E1022_135Kent_135KentLVCAD\Monitoring_Report_Nov2021\Figure_1_site_plan.dwg 4/1/2022 10:49:17 AM



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

Sources:

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

0 7.5 15
 Feet

DRAFT

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

