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MEMORANDUM

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

From: Sara Barbuto and Keith P. Brodock, P.E. Integral Engineering, P.C.

Date: October 11, 2021

Subject: Monthly Progress Report
Former Cleaner Sales and Equipment Corp. NYSDEC Site No. 224177

Project No.: PE1022

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. 224177) for the month of September 2021.

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 vacuum monitoring points (VMPs) and suction points 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 September 30, 2021. Pressure readings were collected from VMPs; airflow velocity readings

were collected from SSDS suction points. The results of the September 30, 2021 monitoring event for all SSDS suction points and VMPs are presented in Table 1 below.

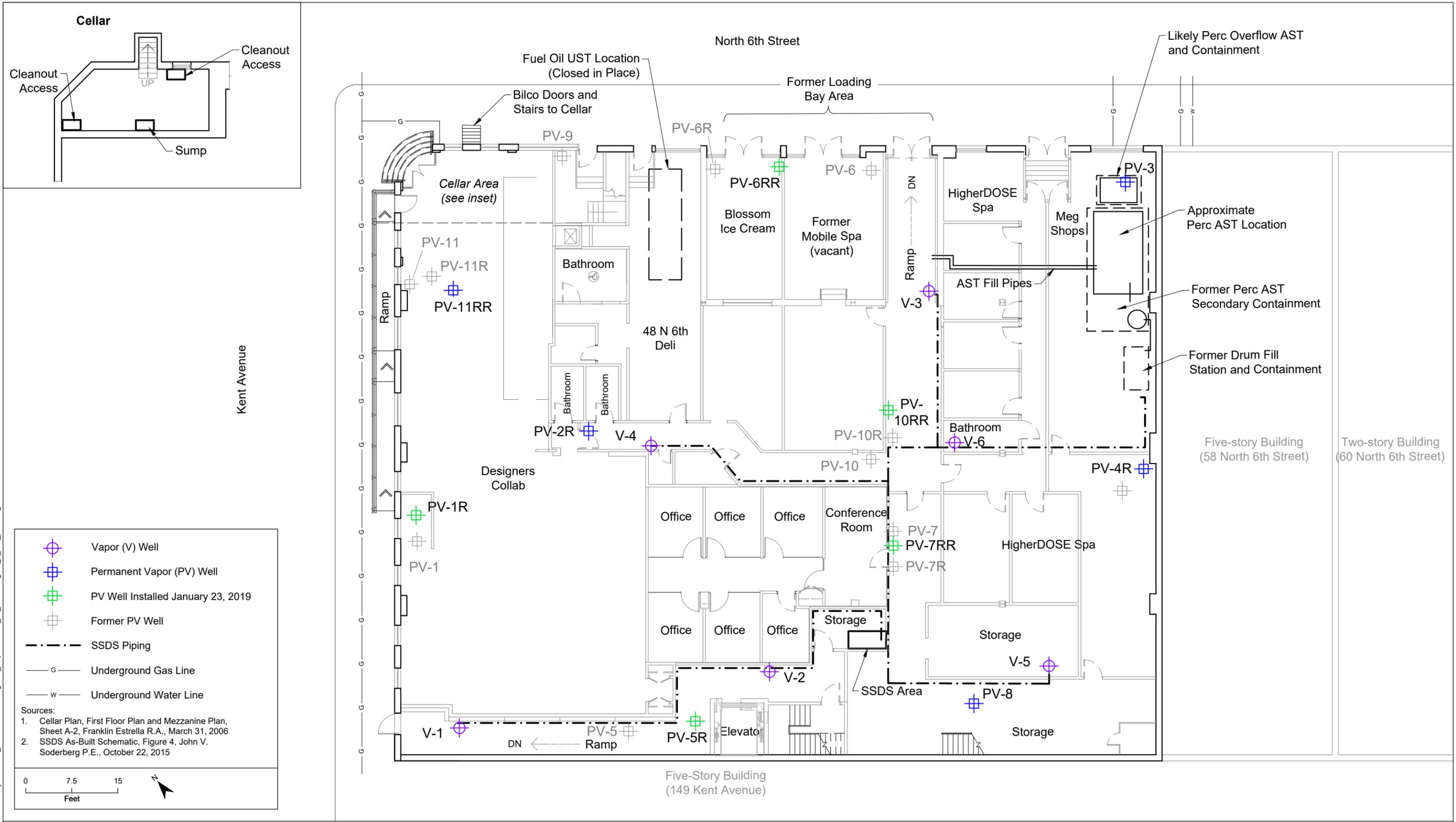
Table 1. September 30, 2021 135 Kent Avenue SSDS Monitoring Results

Location	Airflow Velocity (ft/min)	Pressure (inches of H₂O)
SSDS Suction Points		
V-1	2,576	--
V-2	1,032	--
V-3	1,435	--
V-4	1,021	--
V-5	1,057	--
V-6	865	--
VMPs		
PV-1R	--	-0.015
PV-2R	--	-0.096
PV-3	--	-0.036
PV-4R	--	-0.028
PV-5R	--	-0.009
PV-6RR	--	0.004
PV-7RR	--	-0.029
PV-8	--	-0.023
PV-10RR	--	-0.026
PV-11RR	--	-0.002

The Site plan, included as Figure 1, shows the locations of VMPs labeled as PV-x (permanent vapor wells) and SSDS suction points labeled as V-x (vapor wells). VMP PV-6RR was difficult to connect the monitoring equipment to and recorded a positive reading; this point will be re-installed if a connection is difficult to achieve in subsequent monitoring events. The airflow velocity data collected on September 30, 2021 were generally comparable to those collected at the Site since December 2016.

PLANNED ACTIVITIES FOR THE OCTOBER 2021 REPORTING PERIOD

The October 2021 monthly monitoring event has not yet been scheduled. The SSDS system is currently operating. Additional details regarding October 2021 activities will be provided in the next monitoring report, due November 10, 2021.



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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: 9/30/21
Time Begin: 11:00
Time End: 17:00
Staff: Patrick McGuire

Sub-Slab Monitoring Point	Pressure (in. H ₂ O)
PV-1R	-0.015
PV-2R	-0.096
PV-3	-0.036
PV-4R	-0.028
PV-5R	-0.009
PV-6RR	+0.004
PV-7RR	-0.029
PV-8	-0.023
PV-10RR	-0.026
PV-11RR	-0.002

SSDS Monitoring Point	Flow Velocity (ft/min)
V-1	2,576
V-2	1,032
V-3	1,435
V-4	1,021
V-5	1,057
V-6	865

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	30	2.9	
After lag drum	Gauge PI104 Sample Port	18	4.6	
Ambient Air			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