440 Park Avenue South, 7th Floor
New York, NY 10016
tel: 212.696.0670
www.akrf.com

Mr. Christopher Allan
New York State Department of Environmental Conservation
Division of Environmental Remediation
47-40 21st Street
Long Island City, New York, 11101

10.30.2024

Re: Quarterly Monitoring Report – 2024 3rd Quarter
975 Nostrand Avenue, Brooklyn, NY
NYSDEC Site No: C224335

Dear Mr. Allan:

This Quarterly Monitoring Report has been prepared by AKRF, Inc. (AKRF) to summarize routine monitoring activities performed at the 975 Nostrand Avenue site located in Brooklyn, New York (the "Site"), also identified as Block 1309, Lot 6 on the New York City Tax Map. The Site is situated on an approximately 1.369-acre parcel bounded to the north by a vacant lot (under construction); to the east by Clove Road, followed by multi-family residential buildings; to the south by mixed residential and commercial uses; and to the west by Nostrand Avenue, followed by mixed residential and commercial uses and Sullivan Place. A Site location map is provided as Figure 1 and a Site plan is provided as Figure 2.

On December 21, 2021, Nostrand Green LLC entered into a Brownfield Cleanup Agreement (BCA) (Index No. C224335-12-21) with NYSDEC as a Volunteer to remediate the Site. The Site was remediated to a Track 2 Restricted Residential Use Cleanup and will be used for residential and commercial uses. A Certificate of Completion (CoC) was issued by NYSDEC in December 2023.

Soil vapor beneath the Site remains contaminated with the chlorinated volatile organic compound (VOC) tetrachloroethylene (PCE). Remedial activities were completed between July 2022 and September 2023 and included soil removal, underground storage tank (UST) removal, installation of a cut-off wall/barrier to prevent off-site vapor migration, installation of below ground components of an active sub-slab depressurization system (SSDS), and a soil vapor extraction (SVE) system (SVES). The SVES has operated continuously at the Site since November 2023. The aboveground components of the SSDS are currently being installed during building construction and the system will be activated upon building completion.

Site management activities are ongoing since issuance of the CoC. This report summarizes the following inspection and monitoring activities performed at the Site during the third quarter of 2024 between July 1 and September 30:

- Three monthly SVES inspections (July through September 2024);
- One quarterly inspection of the SSDS (September 2024); and,

This quarterly monitoring report includes the associated field inspection logs. In accordance with the SMP, further assessment (and recommendations, if necessary) will be provided in the annual Periodic Review Report (PRR). It is noted that subsequent monitoring reports will only include a summary of activities within the quarter and will not include a summary of activities prior to issuance of the CoC.

SVES Operation and Maintenance

SVES Monitoring

Initial startup of the SVES occurred in November 2023; and the contractor updated/changed some of the system components in the second quarter. Monthly inspections were performed on the system between July and September 2024 to monitor and evaluate the system performance.

Monthly SVES inspections comprised the following activities:

- Confirmation that the blower is operating, and air is discharging through the exhaust piping;
- Checking the moisture separator tank;
- Recording SVE blower operation and variable-frequency drive (VFD) readings;
- Recording pre- and post-filter vacuum readings;
- Recording post-blower pressure levels;
- Field-screening for relative concentrations of VOCs at the granular activated carbon (GAC) vessel influent, intermediate, and effluent ports; and
- Recording vacuum readings at each SVE manifold leg and the monitoring points.

During the inspections, the vacuum, pressure, and air flow rate readings on the SVE blower and individual SVE lines were lower than historic ranges (but still within acceptable ranges), since the system is currently operating at a reduced capacity due to persistent high temperature issues (first encountered and reported in the second quarter). Troubleshooting efforts to resolve the high temperature issues and ensure the SVES operates at full capacity are ongoing.

Additionally, field-screening for relative concentrations of VOCs at the GAC vessel intermediate and effluent ports during the September 2024 inspection reported detectable VOC concentrations (maximum of 2.1 parts per million); therefore, a GAC vessel change out is scheduled to be performed in October 2024. No other significant changes were observed. The SVES layout is shown on Figure 3. Inspection logs are provided in Attachment A.

The system shutdown reported in the second quarter (starting June 24, 2024) due to high pressure issues continued into the third quarter (until July 16, 2024). The system was restarted on July 16, 2024, and had to be shut down for short periods of time on multiple occasions to perform regular maintenance, troubleshooting, and repairs, as needed.

SSDS Operation and Maintenance

An active SSDS will be operated at the Site to mitigate the potential for soil vapor intrusion into the new building. The SSDS will induce a negative pressure (i.e., vacuum) beneath the newly constructed building slab. The underground elements of the SSDS were installed beneath the building slab following remedial excavation, prior to receipt of the CoC. The SSDS layout is shown on Figure 4. In accordance with the SMP, inspections of the SSDS are to be conducted on a quarterly basis following issuance of the CoC. The third SSDS inspection was conducted on September 24, 2024. All installed elements were noted to be in good condition.

Aboveground construction of the SSDS elements was conducted between July and September 2024, and construction is expected to continue in October 2024, including installation and pressure testing of both SSDS manifolds, and installation of SSDS suction fans on the roof of the building.

Scheduled Activities

AKRF will continue conducting monthly SVES inspections through December 2024. The next round of extracted vapor sampling from the SVES is expected in November 2024.

If you have any questions regarding the information presented herein, please contact Ashutosh Sharma at (646) 388-9865 or asharma@akrf.com.

Sincerely,
AKRF, Inc.

Ashutosh Sharma
Vice President

Axel Schwendt
Vice President

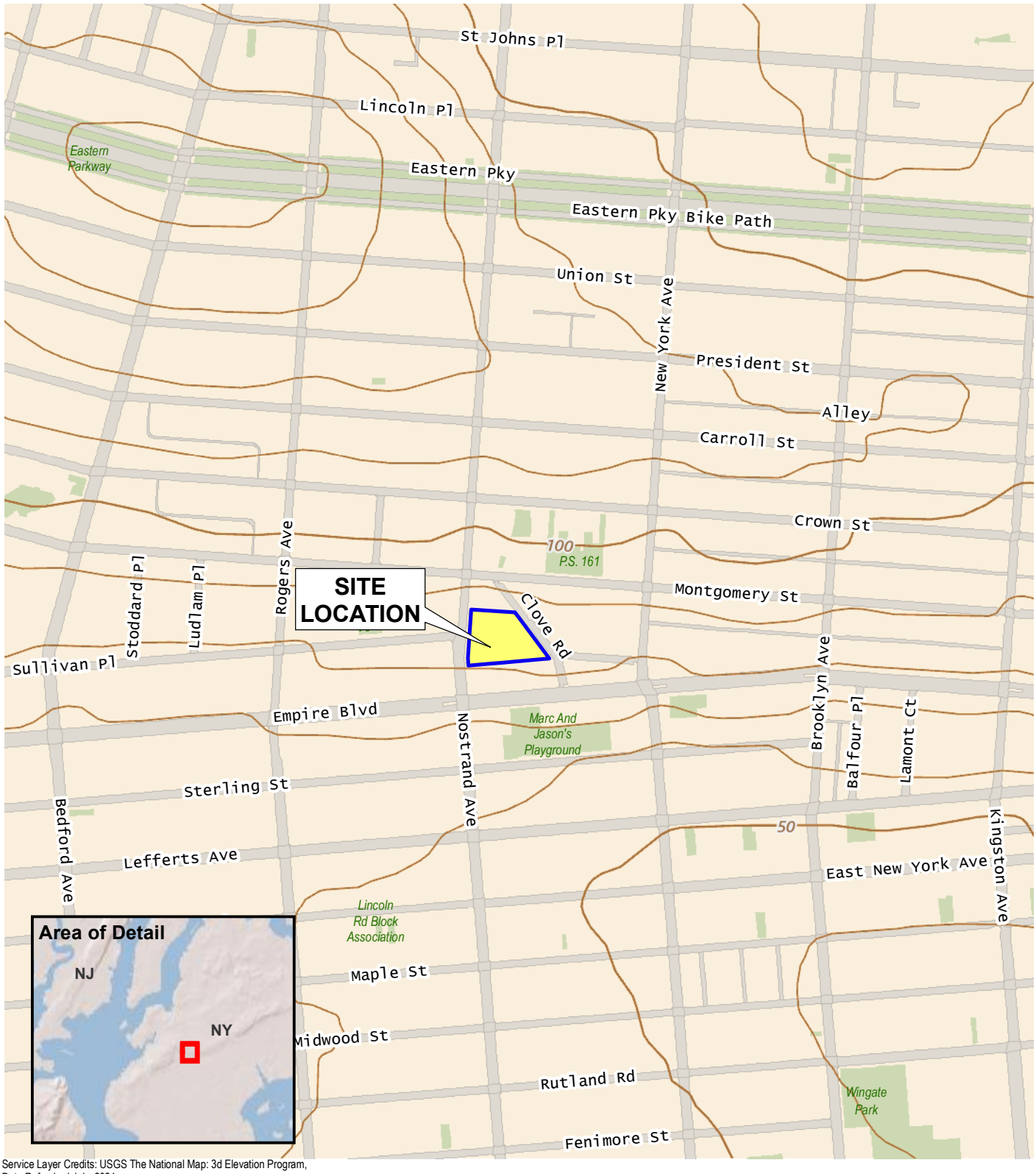
Attachments:

Figure 1	Site Location
Figure 2	BCP Site Plan and Sample Location Plan
Figure 3	SVES Layout Plan
Figure 4	SSDS Layout Plan
Attachment A	SVES Inspection Logs

cc (electronic copy only):

Cris-Sandra Maycock– NYSDEC
Sally Rushford – NYSDOH
Marlee Busching-Truscott – Nostrand Green LLC
Rebecca Kinal – AKRF

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed July, 2021

0 600 1,200

SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

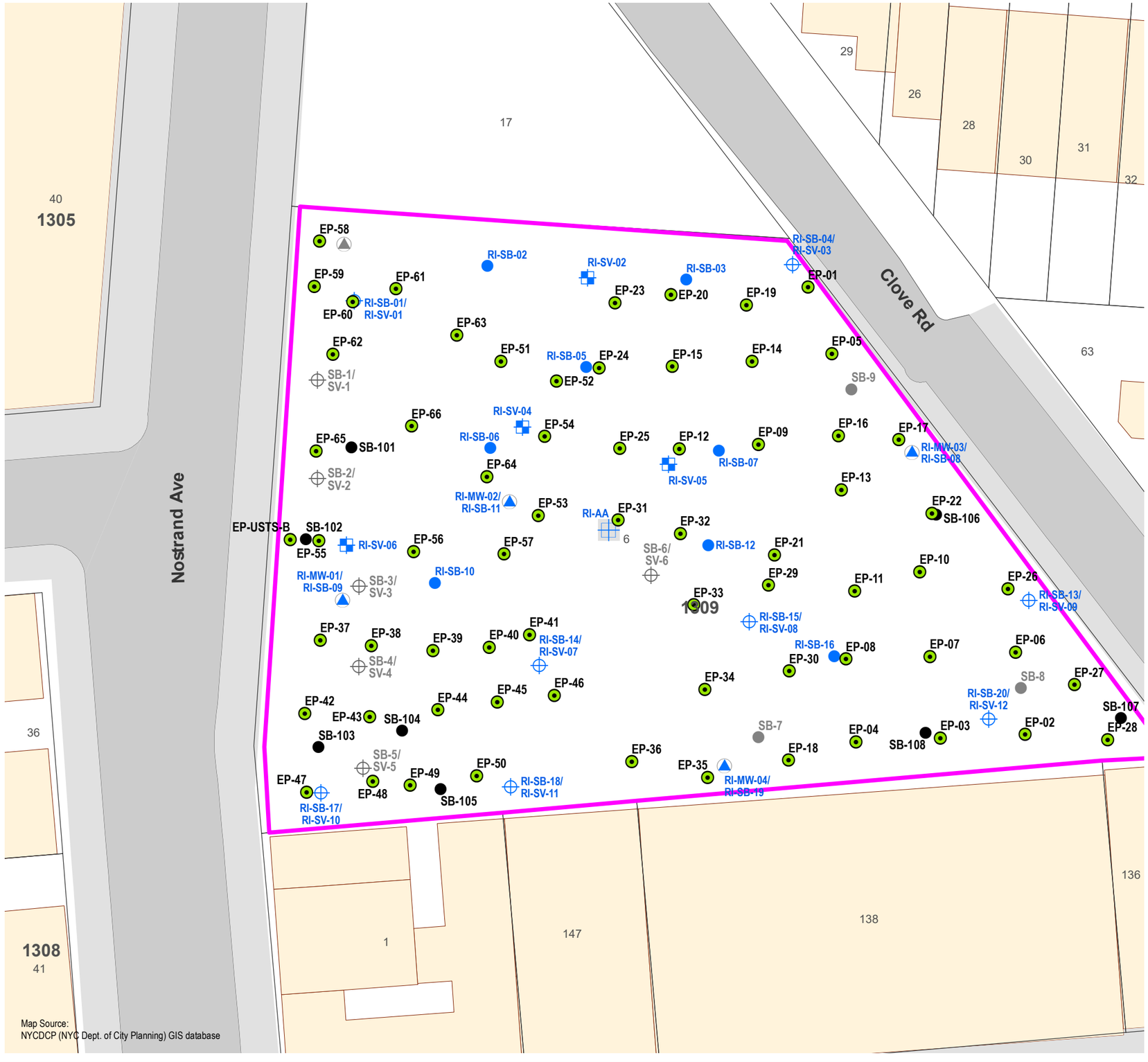
975 Nostrand Avenue
Brooklyn, New York

SITE LOCATION

DATE
8/23/2023

PROJECT NO.
210225

FIGURE
1



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

LEGEND

- BCP SITE BOUNDARY
- 6 LOT BOUNDARY
- 1309 BLOCK NUMBER
- BUILDING
- EXISTING MONITORING WELL
- PREVIOUS SOIL BORING (EBI CONSULTING, 2020)
- PREVIOUS SOIL BORING/SOIL VAPOR POINT (EBI CONSULTING, 2020)
- SOIL BORING LOCATION (AKRF, 2021)
- RI SOIL BORINGS
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL VAPOR POINT
- RI AMBIENT AIR SAMPLING LOCATION
- ENDPOINT SAMPLE LOCATION

0 20 40 80
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

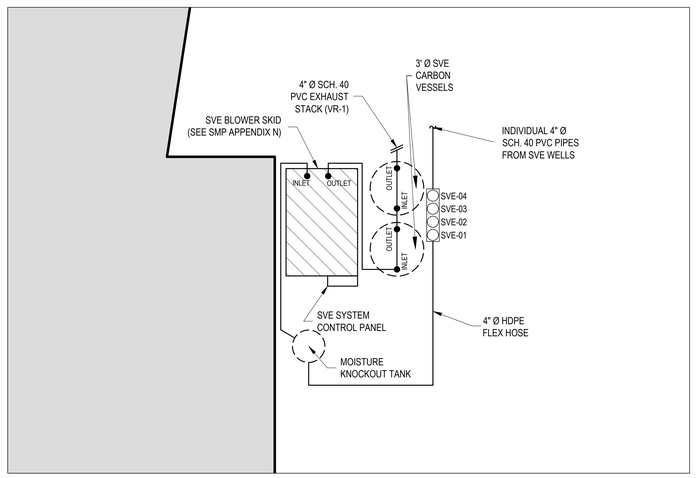
975 Nostrand Avenue
Brooklyn, New York

BCP SITE PLAN AND SAMPLE LOCATION PLAN

DATE
11/22/2023

PROJECT NO.
210225

FIGURE
2



2 FIG-3 SVE EQUIPMENT AREA

SCALE IN FEET: 0, 1.5, 3, 6

NOTE: PIPE SIZE AND SPACING NOT TO SCALE

1 FIG-3 SOIL VAPOR EXTRACTION SYSTEM AS- BUILT LAYOUT

SCALE IN FEET: 0, 5, 10, 20

NOTE: PIPE SPACING NOT TO SCALE

SVE VAPOR MONITORING POINT LOCATIONS

ID	COLUMN LOCATION	ROOM
SVMP-01	144	GARAGE (SOUTH)
SVMP-02	143	RETAIL STORAGE
SVMP-03	153	GAS ROOM

LEGEND

ABOVEGROUND SOLID 4" Ø SCHEDULE 40 PVC PIPE FROM SVE WELLS

SOIL VAPOR EXTRACTION (SVE) WELL

SVE VAPOR MONITORING POINT

SVE-01

SVMP-1

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AKRF

440 Park Avenue South, New York, NY 10016

975 Nostrand Avenue
Brooklyn, NY. Block 1309, Lot 6

SVES LAYOUT PLAN

DATE
4/24/2024

PROJECT NO.
210225

FIGURE
3

LEGEND:

- EXTENT OF GCP PREPRUFE AND GAS-PERMEABLE AGGREGATE UNDER 5" CONCRETE SLAB. TOP OF 5" CONCRETE SLAB = [65.25']
- EXTENT OF GCP PREPRUFE AND GAS-PERMEABLE AGGREGATE UNDER 42" THICK FDN MAT. TOP OF 42" THICK CONCRETE FOUNDATION MAT = [65.25']
- RISER SLAB PENETRATION
- SOLID 4" DIA. SCHEDULE 40 PVC - MIN. 1% UNIFORM SLOPE TOWARDS SSDS SLOTTED PIPE OR CONDENSATE DRAIN
- SLOTTED 4" DIA. SCHEDULE 40 PVC WITH PVC END CAP - NO SLOPE REQUIRED
- SSDS MONIOTING POINT
- SOIL VAPOR EXTRACTION (SVE) WELL - BY OTHERS
- SVE VAPOR MONITORING POINT - BY OTHERS
- SSDS CONDENSATE DRAIN

PROPERTY LINE

NOSTRAND AVENUE

℄ OF MTA TUNNEL

MTA SUBWAY TUNNEL

CLOVE ROAD

5" CONCRETE SLAB ON GRADE WITH 6x6 - W2.9xW2.9 W.W.F. OVER 6" OF ¾" CLEAN CRUSHED STONE

10" FRAMED CONCRETE RAMP SLAB ON GRADE WITH #5 AT 12" O.C. EACH WAY TOP & BOTTOM

10" FRAMED CONCRETE RAMP SLAB

SSDS-01 (37'-8", 226'-9") INV. EL 59.07'

SSDS-08 INV. EL 59.4' (87',220')

SSDS-09 (106'-0", 207'-0") INV. EL 64.0'

(126'-0", 206'-0") INV. EL 64.0'

(123'-10", 191'-11")

(102'-0", 183'-0") INV. EL 64.0'

MP-8 (51',182')

MP-1 (100',177')

(26'-6", 154'-2")

(38'-3", 152'-4")

(35'-4", 137'-11") INV. EL 58.8'

INV. EL 59.1' (71'-4", 135'-6")

(82'-7", 133'-9")

INV. EL 59.3'

MP-7 (34'-2",120'-4")

INV. EL 59.75' (27'-10", 115'-11")

MP-2 (88',110')

INV. EL 63.5'

(111'-3", 107'-3") INV. EL 64.0'

(95'-0", 117'-8") INV. EL 64.0'

(117'-5", 147'-6")

(100'-0", 150'-2")

SSDS-02

SSDS-10

(147'-0", 154'-0") INV. EL 64.0'

MP-10 (168',209')

(175'-0", 208'-0") INV. EL 59.55'

INV. EL 60.0' (166', 187'-11")

MP-11 (204',148')

INV. EL 59.55' (245'-11", 147'-3")

(255'-3", 138'-4") INV. EL 59.64'

(258'-6", 123'-6")

(207'-8", 122'-11") INV. EL 60.0'

(142'-3", 123'-7") INV. EL 64.0'

MP-3 (167',117')

MP-12 (250',116')

INV. EL 60.19'

(101'-1", 100'-0")

MP-9 (122',93')

(152'-0", 101'-0") INV. EL 64.0'

INV. EL 60.42' @ MAT INV. EL 63.7' @ SLAB

SSDS-03

(177'-2", 82'-6")

INV. EL 60.16'

(209'-7", 91'-4")

(277'-6", 90'-9") INV. EL 59.5'

(23'-7", 68'-8")

(29'-4", 87'-8")

SSDS-06

INV. EL 59.75' (20'-2", 68'-11")

SSDS-09 (119'-8", 79'-4")

INV. EL 64.0'

SSDS-10 THRU 15 SPACED @ 6" O.C INV. EL 64.0'

(183'-4", 73'-4")

(243'-2", 73'-10") INV. EL 59.75'

MP-13 (252',68')

SSDS-13

SVF-03 (29',61')

(28'-1", 59'-3")

INV. EL 60.3'

SVE-04 (65',63')

(53'-9", 61'-11")

(100'-11", 57'-9") INV. EL 60.16'

INV. EL 60.16' (137'-1", 52'-6")

INV. EL 64.0'

(201'-9", 61'-11")

INV. EL 59.75' (220'-11", 55'-6")

SSDS-14

SSDS-05

SVMP-2 (54',48")

INV. EL 60.3'

INV. EL 62.7'

(194'-11", 38'-11")

(93'-0", 44'-0")

(293'-1", 44'-5")

SVMP-3 (8',37")

INV. EL 59.75' (24'-2", 28'-8")

INV. EL 60.42' @ MAT INV. EL 63.61' @ SLAB

(55'-3", 38'-1")

INV. EL 60.3'

SVMP-1 (62',28')

(50'-5", 25'-7")

SVE-02 (18',25')

MP-6 (56',25')

SVE-01 (51',24')

INV. EL 63.8'

SSDS-04

(83'-3", 20'-0")

SSDS-04 SSDS-03 SSDS-02 SSDS-01 SSDS-09 SSDS-08 SSDS-07 SSDS-06 SSDS-05 SPACED @ 6" O.C. INV. EL 64.0'

MP-4 (77',17')

MP-5 (162',12')

INV. EL 64.0'

(214'-4", 22'-0")

(233'-10", 28'-8")

INV. EL 63.8'

(179'-8", 23'-4")

(276'-11", 32'-9")

INV. EL 59.75' (292'-9", 12'-5")

MP-14 (302',11')

INV. EL 59.2' (328'-1", 11'-11")

80'-11"

181'-1"

PROJECT (0',0')

APPROXIMATE EXTENT WHERE 6-MIL PLASTIC SHEETING INSTALLED UNDER GAS PERMEABLE AGGREGATE IN LIEU OF GEOTEXTILE FABRIC

EXTEND F4.0 FOOTING AND REINFORCING AS SHOWN

985 NOSTRAND AVE. BLOCK 1309 LOT 1

EXISTING 3 STORY BRICK BUILDING. BOTTOM OF FOOTING ELEV. = 66.0'± PER TEST PIT, TP-1, PERFORMED BY LANGAN ENGINEERING, V.I.F.

353 EMPIRE BLVD. BLOCK 1309 LOT 147

EXISTING 1 STORY BRICK BUILDING. BOTTOM OF FOOTING ELEV. = 63.0'± PER TEST PIT, TP-2, PERFORMED BY LANGAN ENGINEERING, V.I.F.

EXISTING 1 STORY BRICK BUILDING. BOTTOM OF FOOTING ELEV. = 68.0'± PER TEST PIT, TP-3, PERFORMED BY LANGAN ENGINEERING, V.I.F.

EXISTING 1 STORY BRICK BUILDING

357 EMPIRE BLVD. BLOCK 1309 LOT 138

EXISTING 1 STORY BRICK BUILDING

EXISTING 1 STORY BRICK BUILDING. BOTTOM OF FOOTING ELEV. = 68.0'± PER TEST PIT, TP-4, PERFORMED BY LANGAN ENGINEERING, V.I.F.

381 EMPIRE BLVD. BLOCK 1309 LOT 136

EXISTING 1 STORY BRICK BUILDING. BOTTOM OF FOOTING ELEV. = 60.0'± PER TEST PIT, TP-4, PERFORMED BY LANGAN ENGINEERING, V.I.F.

EXISTING 1 STORY BRICK BUILDING. BOTTOM OF FOOTING INCONCLUSIVE BASED ON TEST PIT TP-5 PERFORMED BY LANGAN ENGINEERING. ASSUME BOTTOM OF FOOTING ELEVATION = 73.0'±, V.I.F.

SOURCE: Oliviero Construction Corp., "SSDS & SVE AS-BUILT", Drawing No. VE-01, Dated September 06, 2023.

STATE OF NEW YORK · REBECCA A. KINKEL · 082046-1 · LICENSED PROFESSIONAL ENGINEER

AKRF
440 Park Avenue South, New York, NY 10016

975 Nostrand Avenue
Brooklyn, NY. Block 1309, Lot 6

SSDS LAYOUT PLAN

DATE
4/24/2024

PROJECT NO.
210225

FIGURE
4

ATTACHMENT A

SVES INSPECTION LOGS

SVE INSPECTION LOG
MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION
975 Nostrand Avenue, Brooklyn, NY

Inspector Name: M. Bates	**Date:** 7/25/2024
Time IN: 07:00	**Time OUT:** 12:00

GENERAL

Weather: Cloudy	Temperature: 84 F	Barometric Pressure:	30.09	Equipment Room Temperature:	80 F

When was the last rain event? 7/13/2024

Is the SVE blower currently operating? **Yes** / No (circle one)
If no, ALERT PROJECT MANAGER and please list reason/alarm condition:

What is the VFD setting? 36 Hz
If under 30 Hz, ALERT PROJECT MANAGER:

Is condensate in the knockout tank gauge below the low-high float sensor? **Yes** / No (circle one)
If no, ALERT PROJECT MANAGER and manually drain knockout tank

Is transfer pump working? **Yes** / No (circle one)
If no, ALERT PROJECT MANAGER.

Is 50-gallon drum full? Yes / **No** (circle one)
If yes, acknowledge alarm on panel and ALERT PROJECT MANAGER.

Any evidence of system tampering, vandalism or damage? Yes / **No** (circle one)
If yes, ALERT PROJECT MANAGER and please note findings:

Any evidence of system tampering, vandalism or damage to the exhaust stack? Yes / **No** (circle one)
If yes, ALERT PROJECT MANAGER and please note findings:

Notes: This SVE Inspection Log should be completed along with the sampling log for each sampling event.
PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

Comments:

Emergency Contact Information

Name	Title	Contact Number
Ashutosh Sharma	AKRF Project Manager	646-388-9865 (office)
Joseph Kohl Riggs	Owner's Representative	718-473-9663 (office)

SVE INSPECTION LOG
MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION
975 Nostrand Avenue, Brooklyn, NY

SVE Operation
CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE/TYPICAL RANGE (IN GRAY)

Pre-Blower Inlet Temperature (°F): 40-80°F	Post-Blower Outlet Temperature (°F): 70-110°F	Knockout Tank Vacuum (Inches of water column): 0-90 inH2O
75	110	14
Pre-filter Vacuum (Inches of water column): 0-90 inH2O	**Post-filter Vacuum (Inches of water column): 0-90 inH2O**	**Post-Blower Pressure (Inches of water column): 0-90 inH2O**
22	20	29
GAC Influent PID (ppm):	**GAC Intermediate PID (ppm): Less than GAC Influent PID**	**GAC Effluent PID (ppm): 0 ppm**
0.5	ND	ND

Monitoring Location	**Vacuum Reading "H2O** Between 0 and 90 "H2O	**Air Flow Reading "H2O** Between 0.000 and 0.050 "H2O	**Air Flow Reading CFM**	**Notes**
SVE-01	1.533	NR	NR	
SVE-02	1.52	NR	NR	
SVE-03	1.53	NR	NR	
SVE-04	1.499	NR	NR	

SVMP-01	***0.111***
SVMP-02	***0.139***
SVMP-03	***0.116***

SVE INSPECTION LOG
MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION
975 Nostrand Avenue, Brooklyn, NY

Inspector Name: M. Bates	**Date:** 8/27/2024
Time IN: 08:00	**Time OUT:** 13:30

GENERAL

Weather: Sunny	Temperature: 67-86 F	Barometric Pressure:	30.04	Equipment Room Temperature:	80 F

When was the last rain event? 8/26/24

Is the SVE blower currently operating? **Yes** / No (circle one)

If no, ALERT PROJECT MANAGER and please list reason/alarm condition:

What is the VFD setting? 36 Hz

If under 30 Hz, ALERT PROJECT MANAGER:

Is condensate in the knockout tank gauge below the low-high float sensor? **Yes** / No (circle one)

If no, ALERT PROJECT MANAGER and manually drain knockout tank

Is transfer pump working? **Yes** / No (circle one)

If no, ALERT PROJECT MANAGER.

Is 50-gallon drum full? Yes / **No** (circle one)

If yes, acknowledge alarm on panel and ALERT PROJECT MANAGER.

Any evidence of system tampering, vandalism or damage? Yes / **No** (circle one)

If yes, ALERT PROJECT MANAGER and please note findings:

Any evidence of system tampering, vandalism or damage to the exhaust stack? Yes / **No** (circle one)

If yes, ALERT PROJECT MANAGER and please note findings:

Notes: This SVE Inspection Log should be completed along with the sampling log for each sampling event.
PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

Comments: Pre-filter intake air valve opened to reduce stress on blower.

Emergency Contact Information

Name	Title	Contact Number
Ashutosh Sharma	AKRF Project Manager	646-388-9865 (office)
Joseph Kohl Riggs	Owner's Representative	718-473-9663 (office)

SVE INSPECTION LOG
MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION
975 Nostrand Avenue, Brooklyn, NY

SVE Operation
CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE/TYPICAL RANGE (IN GRAY)

Pre-Blower Inlet Temperature (°F): 40-80°F	Post-Blower Outlet Temperature (°F): 70-110°F	Knockout Tank Vacuum (Inches of water column): 0-90 inH2O
75	105	6.5
Pre-filter Vacuum (Inches of water column): 0-90 inH2O	**Post-filter Vacuum (Inches of water column): 0-90 inH2O**	**Post-Blower Pressure (Inches of water column): 0-90 inH2O**
6	3	29
GAC Influent PID (ppm):	**GAC Intermediate PID (ppm): Less than GAC Influent PID**	**GAC Effluent PID (ppm): 0 ppm**
3.7	ND	ND

Monitoring Location	**Vacuum Reading "H2O** Between 0 and 90 "H2O	**Air Flow Reading "H2O** Between 0.000 and 0.050 "H2O	**Air Flow Reading CFM**	**Notes**
SVE-01	3.666	NR	NR	
SVE-02	3.663	NR	NR	
SVE-03	3.701	NR	NR	
SVE-04	3.501	NR	NR	

SVMP-01	***0.075***
SVMP-02	***0.101***
SVMP-03	***0.088***

SVE INSPECTION LOG
MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION
975 Nostrand Avenue, Brooklyn, NY

Inspector Name: M. Bates	**Date:** 9/24/2024
Time IN: 09:00	**Time OUT:** 13:00

GENERAL

Weather: Cloudy	Temperature: 72 F	Barometric Pressure:	30.16	Equipment Room Temperature:	72 F

When was the last rain event? 8/30/2024

Is the SVE blower currently operating? **Yes** / No (circle one)

If no, ALERT PROJECT MANAGER and please list reason/alarm condition:

What is the VFD setting? 36 Hz

If under 30 Hz, ALERT PROJECT MANAGER:

Is condensate in the knockout tank gauge below the low-high float sensor? **Yes** / No (circle one)

If no, ALERT PROJECT MANAGER and manually drain knockout tank

Is transfer pump working? **Yes** / No (circle one)

If no, ALERT PROJECT MANAGER.

Is 50-gallon drum full? Yes / **No** (circle one)

If yes, acknowledge alarm on panel and ALERT PROJECT MANAGER.

Any evidence of system tampering, vandalism or damage? Yes / **No** (circle one)

If yes, ALERT PROJECT MANAGER and please note findings:

Any evidence of system tampering, vandalism or damage to the exhaust stack? Yes / **No** (circle one)

If yes, ALERT PROJECT MANAGER and please note findings:

Notes: This SVE Inspection Log should be completed along with the sampling log for each sampling event.
PID - Photoionization Detector; ppm - parts per million; NA - Not applicable; GAC - Granular Activated Carbon

Comments:

Emergency Contact Information

Name	Title	Contact Number
Ashutosh Sharma	AKRF Project Manager	646-388-9865 (office)
Joseph Kohl Riggs	Owner's Representative	718-473-9663 (office)

SVE INSPECTION LOG
MONTHLY SOIL VAPOR EXTRACTION SYSTEM INSPECTION
975 Nostrand Avenue, Brooklyn, NY

SVE Operation
CALL PROJECT MANAGER IF READING OUTSIDE ACCEPTABLE/TYPICAL RANGE (IN GRAY)

Pre-Blower Inlet Temperature (°F): 40-80°F	Post-Blower Outlet Temperature (°F): 70-110°F	Knockout Tank Vacuum (Inches of water column): 0-90 inH2O
80	105	0
Pre-filter Vacuum (Inches of water column): 0-90 inH2O	**Post-filter Vacuum (Inches of water column): 0-90 inH2O**	**Post-Blower Pressure (Inches of water column): 0-90 inH2O**
7	3	32
GAC Influent PID (ppm):	**GAC Intermediate PID (ppm): Less than GAC Influent PID**	**GAC Effluent PID (ppm): 0 ppm**
5.0	2.1	1.2

Monitoring Location	**Vacuum Reading "H2O** Between 0 and 90 "H2O	**Air Flow Reading "H2O** Between 0.000 and 0.050 "H2O	**Air Flow Reading CFM**	**Notes**
SVE-01	3.625	NR	4.95	readings based on velocicalc probe
SVE-02	3.583	NR	3.06	readings based on velocicalc probe
SVE-03	3.64	NR	6.01	readings based on velocicalc probe
SVE-04	3.541	NR	2.27	readings based on velocicalc probe

SVMP-01	***0.082***
SVMP-02	***0.118***
SVMP-03	***0.094***