# 18-46 Decatur Street
# Periodic Review Report

18-46 Decatur Street, Ridgewood, Queens, New York
Block 3579, Lot 45
NYSDEC BCP Site Number: C241194

Prepared for:
18-46 Decatur Street Holding LLC
175 Blake Avenue
Brooklyn, NY 11212

For Submittal to:
NYS Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau B
625 Broadway, 12th Floor
Albany, NY 12233-7014

Prepared by:
Matthew M. Carroll, PE
&
Tenen Environmental, LLC
121 West 27th Street, Suite 702
New York, NY 10001

**May 2025**

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## 1.0 EXECUTIVE SUMMARY

On behalf of 18-46 Decatur Street Holding LLC (the Remedial Party), Matthew M. Carroll, P.E. and Tenen Environmental, LLC (Tenen) have prepared this Periodic Review Report (PRR) for the property located at 18-46 Decatur Street (Block 3579, Lot 45) in the Ridgewood neighborhood of the borough of Queens, New York (the Site). The Site is 0.11-acre, rectangular parcel located approximately 100 feet south of the intersection of Decatur Street and Forest Avenue in Queens Community Board 5.

The Site is currently improved with a two-story warehouse building with offices on the second floor. The warehouse is currently used by Forest Builders Supply, an outpost for construction materials, as storage for overstock materials. There is no basement beneath the building, which was reportedly constructed in 1953. The building floor slab consists of approximately six inches of concrete. Surrounding properties include commercial and residential use buildings. A Site location map is included in Figure 1 and current Site uses are shown on Figure 2.

This document has been prepared in accordance with the Site Management Plan (SMP) dated December 2018 and approved by the New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Site # C214149, which was executed on February 16, 2017. A Certificate of Completion was issued for the Site on December 20, 2018.

The work completed and reported in this PRR complies with the SMP and includes the following: monthly inspections of institutional and engineering controls; and an annual inspection of institution and engineering controls. The Site is currently in compliance with the material elements of the SMP. The remedial program, as detailed in the SMP, continues to be effective.

The current SMP requirements include monthly operations, maintenance and monitoring of the sub-slab depressurization system (SSDS) and soil vapor extraction system (SVE). As indicated in the NYSDEC email dated March 27, 2023, annual groundwater sampling was discontinued but monthly operations, maintenance and monitoring of the SSDS and SVE continued.

## 2.0 BACKGROUND AND SETTING

This section includes a description of the Site, and summaries of Site characteristics, historic operations and regulatory interactions.

### 2.1 Site Description

The Site is located at 18-46 Decatur Street in the Ridgewood neighborhood of Queens, New York. The site is a 0.11-acre rectangular shaped parcel located approximately 100 feet south of the intersection of Decatur Street and Forest Avenue in Queens Community Board 5. The Site is currently improved with a two-story warehouse building with offices on the second floor. The warehouse is currently used by Forest Builders Supply, an outpost for construction materials, as storage for overstock materials. The Site is zoned as M1-4D, a manufacturing district typically including light industrial uses. The surrounding properties include mixed-use commercial and residential use buildings.

The Site is identified as Queens County Block 3579, Lot 45 on the New York City Tax Map. The Site is bounded by a two-story multi-family walk-up building to the north, a two-family building to the south, railroad tracks followed by Evergreen Park to the east, and a two-family building and an industrial/manufacturing building to the west. A Site Location Map is included as Figure 1.

### 2.2 Geological Setting

According to the United States Geological Survey (USGS) Brooklyn-NY 7.5 Minute Topographic Quadrangle (2010), the Site elevation is approximately 80 feet above mean sea level (MSL) (NAVD). Based on the USGS map and observation of the local topography, the Site and surrounding area are generally flat with a slight slope downward from west to southwest.

The Site is underlain by approximately two feet of light brown to dark brown medium sands and fill material, followed by glacial till, including light and dark brown fine to medium sand with cobbles. Prior boring logs completed during a 2016 Phase II Environmental Site Assessment were generally consistent with Tenen's finding. Refusals were encountered at all boring locations, likely due to the presence of cobles and boulders in the glacial till.

The depth to groundwater is approximately 67 feet below grade surface. Groundwater monitoring wells are shown on Figure 3. Based on the well survey, the groundwater flow is generally to the south, and is shown on Figure 4.

### 2.3 Historic Operations

The Site is currently used as a warehouse for building materials. Based on a review of historic information, the Site was used as a dry cleaner from at least 1991 to 2015. The former occupant of the Site, Full Dress Formals, was identified as a Small Quantity Generator of Hazardous Wastes on the regulatory database, with no violations. Prior uses include a warehouse of waterproofing materials, a knitting mill, wagon and auto storage and offices.

## 2.4 Regulatory Background

BHMQ Realty LLC and the New York State Department of Environmental Conservation (NYSDEC) entered into a Brownfield Cleanup Agreement (BCA) on February 16, 2017, pursuant to which BHMQ Realty LLC agreed to remediate the 0.11-acre property located at 18-46 Decatur Street, Queens, NY. The Site was managed and remediated in accordance with the BCA and the NYSDEC-approved Remedial Action Work Plan (RAWP) dated April 9, 2018 prepared by Tenen.

After completion of the remedial work described in the RAWP, a Final Engineering Report (FER) was prepared by Tenen and certified by Matthew Carroll, P.E. on December 5, 2018. In order to manage residual contamination at the Site, Tenen prepared a Site Management Plan (SMP) dated December 5, 2018 and subsequently approved by the NYSDEC. The work described in this Annual Environmental Compliance Report was completed in accordance with the SMP.

A change of ownership notification was issued by the NYSDEC on June 18, 2020. A post transfer notice was issued on July 27, 2020, indicating the new owner of the Site is 18-46 Decatur Street Holding LLC.

## 3.0 ENGINEERING AND INSTITUTIONAL CONTROLS

Several engineering controls (ECs) and institutional controls (ICs) are present at the Site to protect human health and the environment. A description of these controls and the current status of each are provided below. The Institutional and Engineering Controls Certification Form is included in Appendix 1.

### 3.1 Engineering Controls

#### *3.1.1 Soil Cover System*

Exposure to remaining contamination at the Site is prevented by a cover system. The cover system is comprised of a minimum of six inches of concrete building slab.

Current status: The soil cover system remains in place with no observed breach. The composite cover system is a permanent control and the quality and integrity of this system has been inspected annually as per the SMP. The inspection checklist is included in Appendix 1.

#### *3.1.2 Sub-Slab Depressurization System (SSDS)*

An active SSDS was installed to minimize the potential for vapor intrusion. The SSDS depressurizes below the current building slab as compared to the building environment. The SSDS consists of four suction pits installed beneath the building slab connected to a fan on the roof via cast iron (interior) and PVC (exterior) piping. The SSDS will continue to actively operate and will not be shut down unless written approval is obtained from the NYSDEC and NYSOH under a clear demonstration that the subsurface soil vapor conditions no longer present a potential impact to indoor air quality. Additional information on the SSDS is included in the SMP.

Current status: The active SSDS is functioning as designed. Monthly inspection forms, an annual inspection form and checklists are included in Appendix 1.

#### *3.1.3 Soil Vapor Extraction System (SVE)*

The SVE System consists of three two-inch wells installed to remove remaining PCE contamination from the soil near the building foundations. The SVE system also addresses PCE in soil vapor and prevents off-Site migration of soil vapors. The three two-inch vertical SVE wells were constructed of four feet of slotted (0.020 inch) schedule 40 PVC screen. The extraction wells were installed to a depth of four feet below grade (ft-bg) and placed in a two-foot diameter gravel base. The extraction wells are plumbed into the same piping installed for the SSDS. The discharge location for the blower is located on the building roof, consistent with the NYSDEC DAR-1 guidance. The SVE system will continue to actively operate and will not be shut down unless written approval is obtained from the NYSDEC under a clear demonstration that the subsurface soil vapor conditions no longer present a potential impact to indoor air quality.

Current status: The SVE system is functioning as designed. Monthly inspection forms, an annual inspection form and checklists are included in Appendix 1. As noted in the inspection forms, the

SVE alarm is being replaced in June 2025.

## 3.2 Institutional Controls

### *3.2.1 Compliance with SMP*

The following ICs are required to document compliance with the SMP:

- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner defined in the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP; and
- Operation, maintenance and monitoring (OM&M), inspection and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;

Current status: The Environmental Easement remains in place. All systems are effective and currently operational. ICs requiring OM&M of engineering controls, and inspections of the engineering controls have been completed with the acceptance of this report. The required monitoring and inspections have been completed as required in the SMP.

### *3.2.2 Use Restrictions*

The following use restrictions were placed on the property, in accordance with the Environmental Easement and SMP:

- The property may only be used for commercial use;
- New York City code prohibits the use of groundwater for potable purposes;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- The potential for vapor intrusion must be evaluated for any buildings developed in within the IC boundaries, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the Site are prohibited.

Current status: The Site is used in accordance with all restrictions. Current site uses are shown on Figure 2.

## 4.0 GROUNDWATER SAMPLING

NYSDEC approved a request to discontinue the annual groundwater sampling in an e-mail dated March 27, 2023, noting that all other requirements of the SMP remained in effect. Therefore, groundwater sampling was not completed during the reporting period.

# 5.0 CONCLUSIONS AND RECOMMENDATIONS

## 5.1 Engineering and Institutional Controls

An Institutional and Engineering Controls Certification Form and inspection checklists are included in Appendix 1.

The cover system, SSDS and SVE system are functioning as designed.

The cover system remains in place with no observed breaches or excavation below the cap. The active SSDS and SVE system are in working condition with no observations of compromised structural integrity.

## 5.2 Groundwater Monitoring

No groundwater samples were collected during this period.

## 5.3 Schedule

As noted above, groundwater sampling is discontinued. ICs and ECs, including the SDSS and SVE system, will continue to be inspected on a monthly and quarterly basis as required by the SMP.

## 6.0 CERTIFICATIONS

I, Matthew Carroll, am a Professional Engineer licensed in the State of New York. I certify that:

1. The engineering and institutional controls are either unchanged or are compliant with NYSDEC-approved modifications.
2. NYSDEC can access the property.
3. The engineering and institutional controls continue to be protective of human health and the environment and do not constitute a violation or failure to comply with the SMP and subsequent NYSDEC-approved modifications.

Matthew M. Carroll
NYS PE License Number 091629

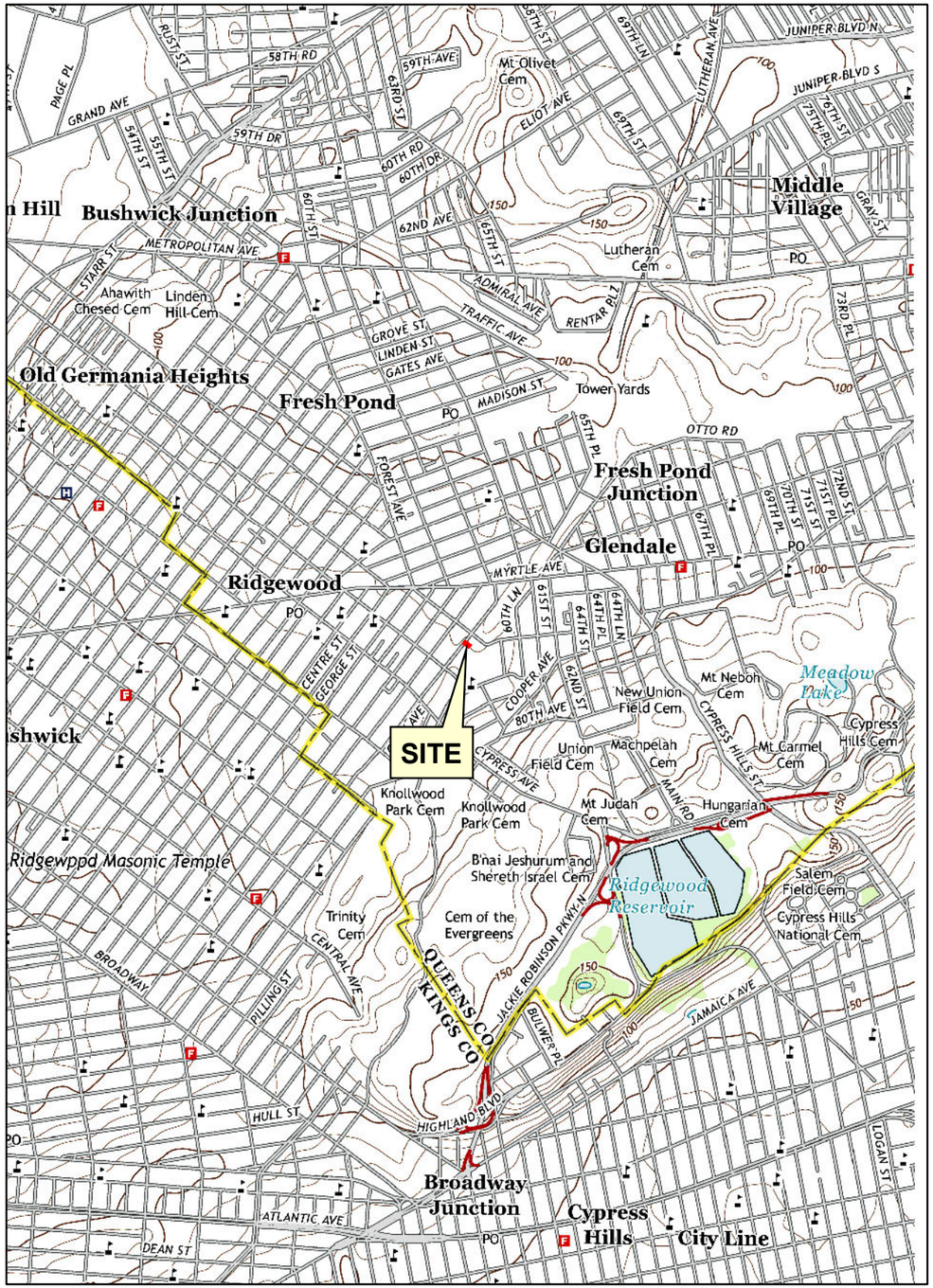
## 7.0 REFERENCES

Site Management Plan, NYSDEC BCP Site No. C241194, Tenen Environmental LLC, December 2018.

Environmental Easement, BMHQ Realty LLC, September 19, 2018.

Final Engineering Report, NYSDEC BCP Site No. C241194, Tenen Environmental LLC, December 2018.

# Figures




Basemap: USGS Brooklyn, NY, 2013
http://www.usgs.gov

## Site Location

0 1,000 2,000 4,000 Feet

http://gis.nyc.gov/taxmap/map.htm

## Department of Finance Digital Tax Map

0 50 100 200 Feet

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User
NYC Department of City Planning, Information Technology Division

## Department of City Planning MapPLUTO - 2016 v2

0 50 100 200 Feet

Client

**18-46 Decatur Street**
**Ridgewood, New York**
**Block 3579, Lot 45**

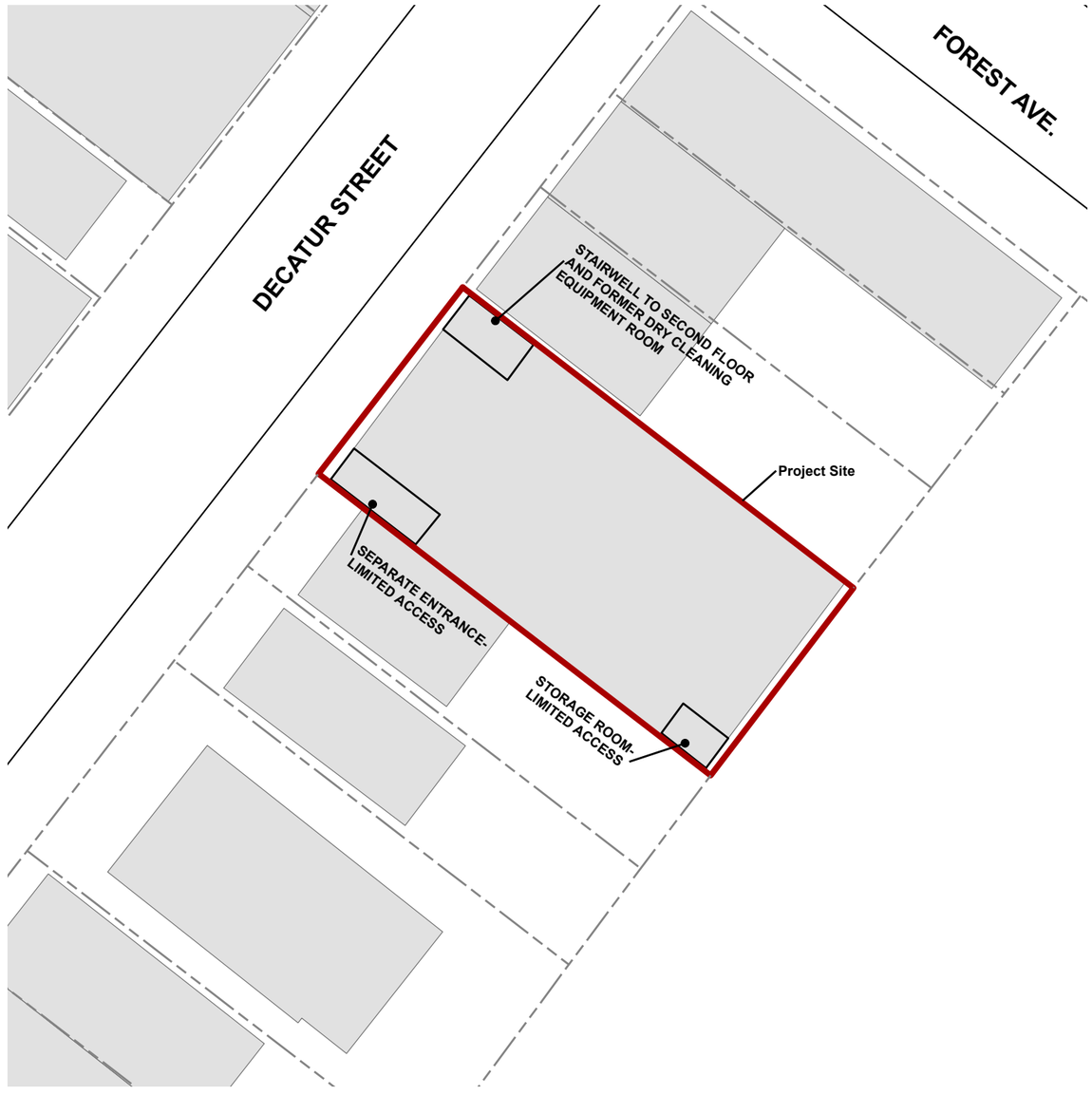
TENEN ENVIRONMENTAL

Tenen Environmental, LLC
121 West 27th Street
Suite 702
New York, NY 10001
O: (646) 606-2332
F: (646) 606-2379

| | |
|---|---|
| Drawn By | LM |
| Checked By | KM |
| Date | May 2017 |
| Scale | As Noted |

Drawing Title: **Site Location Map**

Drawing No: **Figure 1**




**Legend**

Tax Lots

Project Site

0 15 30 60 Feet

Tax Lot Source: NYC Dept. of Finance
Building Source: NYC Dept. of Information Technology and Telecommunications, GIS Division

Client

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New York, NY 10001
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F: (646) 606-2379

| | |
|---|---|
| Drawn By | LM |
| Checked By | CZ |
| Date | June 2020 |
| Scale | As Noted |
| Drawing Title | **Site Layout** |
| Drawing No | **Figure 2** |

## Legend

- Monitoring Well Location
- Tax Lots
- Project Site

0 15 30 60 Feet

Tax Lot Source: NYC Dept. of Finance
Building Source: NYC Dept. of Information Technology and Telecommunications, GIS Division

Client

**18-46 Decatur Street**
**Ridgewood, New York**
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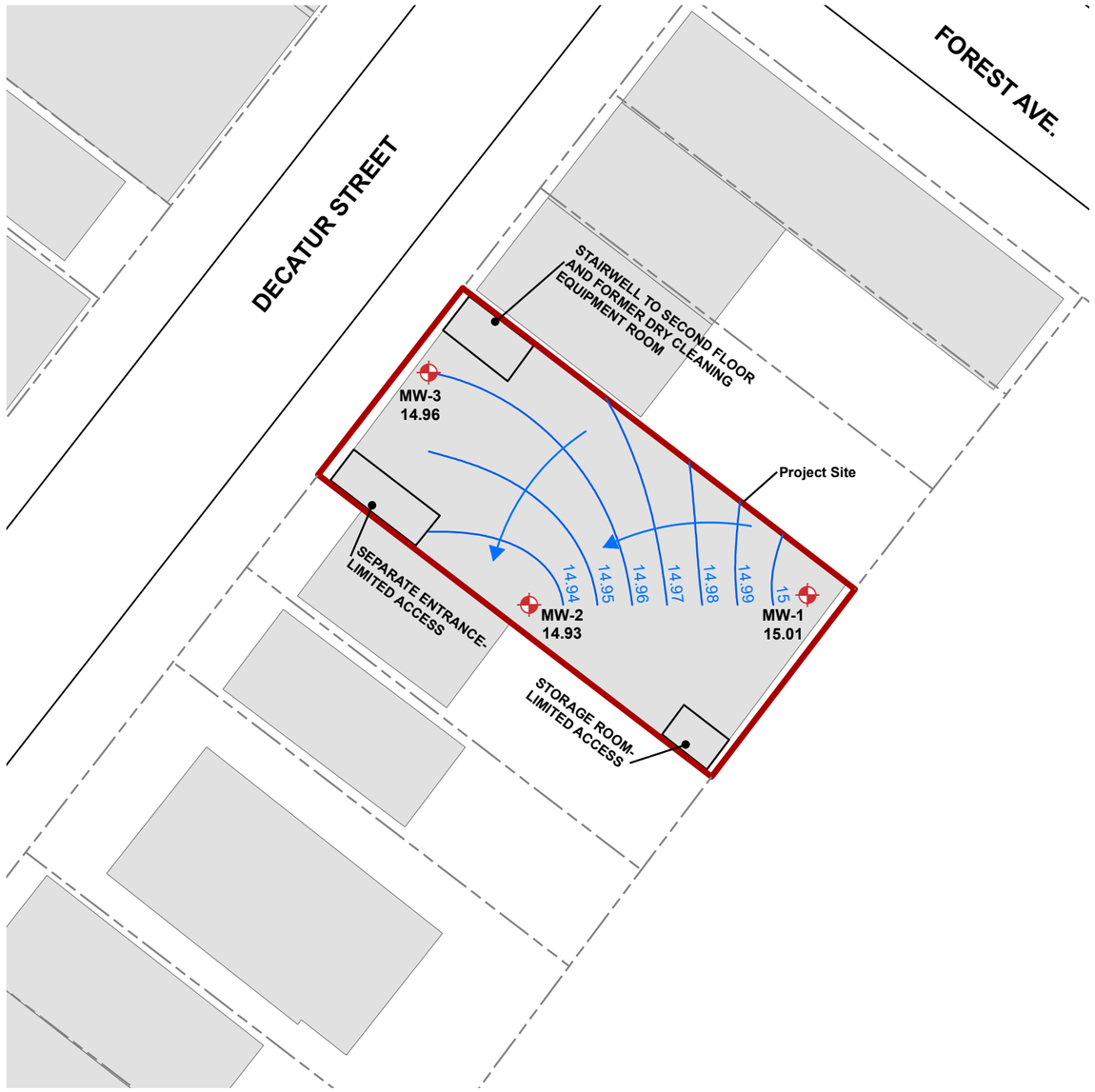
| | |
|---|---|
| Drawn By | LM |
| Checked By | CZ |
| Date | June 2020 |
| Scale | As Noted |

Drawing Title
**Groundwater Monitoring Well Locations**

Drawing No
**Figure 3**




## Legend

- Monitoring Well Location
- Groundwater Elevation Contour
- Tax Lots
- Project Site

0 15 30 60 Feet

Tax Lot Source: NYC Dept. of Finance
Building Source: NYC Dept. of Information Technology and Telecommunications, GIS Division

Client

**18-46 Decatur Street**
**Ridgewood, New York**
**Block 3579, Lot 45**

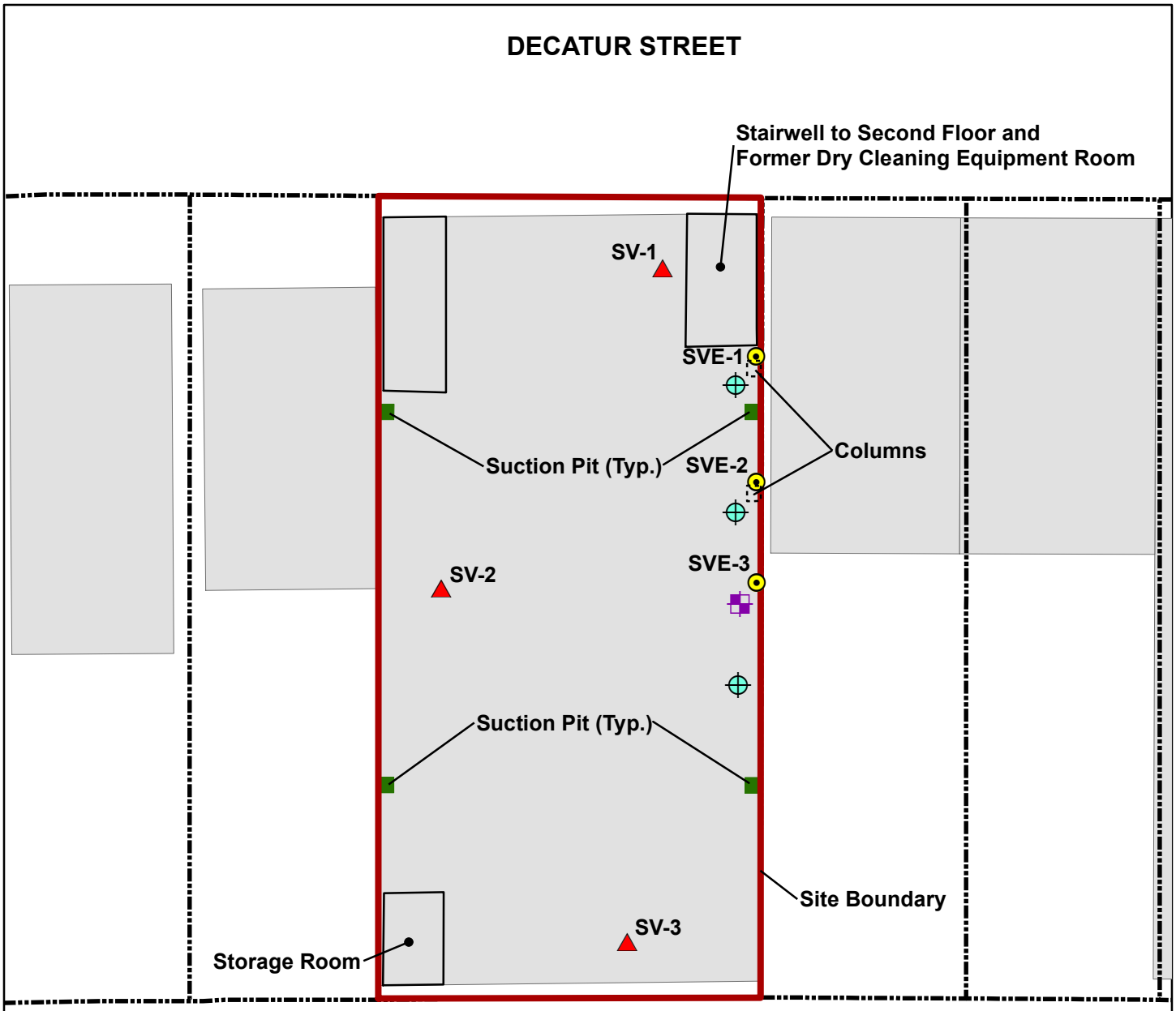
TENEN ENVIRONMENTAL

Tenen Environmental, LLC
121 West 27th Street
Suite 702
New York, NY 10001
O: (646) 606-2332
F: (646) 606-2379

| | |
|---|---|
| Drawn By | LM |
| Checked By | CZ |
| Date | April 2022 |
| Scale | As Noted |

Drawing Title: **Groundwater Flow Map**

Drawing No: **Figure 4**




## Legend

- SVE Wells
- Piezometer
- Soil Vapor Monitoring Point
- Shallow Soil Sample Location
- Suction Pit Location
- Extent of 6" Concrete Building Slab on Grade
- Buildings
- Tax Lots

Tax Lot Source: NYC Dept. of Finance
Building Source: NYC Dept. of Information Technology and Telecommunications, GIS Division

0 10 20 40 Feet

| | | | |
|---|---|---|---|
| Drawing No. Figure 5 | Drawn By LM | TENEN ENVIRONMENTAL | 18-46 Decatur Street Ridgewood, New York Block 3579, Lot 45 |
| | Checked By KM | Tenen Environmental, LLC 121 West 27th Street, Suite 702 New York, NY 10001 O: (646) 606-2332 F: (646) 606-2379 | |
| Drawing Title Engineering Controls Location (Composite Cover, SSDS, SVE) | Date October 2018 | | |
| | Scale As Noted | | |

# Appendix 1
# IC/EC Certifications and Checklists

**Enclosure 2**
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**
**Site Management Periodic Review Report Notice**
**Institutional and Engineering Controls Certification Form**

**Site Details** **Box 1**

**Site No. C241194**

**Site Name 18-46 Decatur Street**

Site Address: 18-46 Decatur Street Zip Code: 11385
City/Town: Ridgewood
County: Queens
Site Acreage: 0.116

Reporting Period: April 20, 2024 to April 20, 2025

| | YES | NO |
|---|---|---|
| 1. Is the information above correct? | X | |
| If NO, include handwritten above or on a separate sheet. | | |
| 2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? | | X |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? | | X |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? | | X |
| **If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.** | | |
| 5. Is the site currently undergoing development? | | X |

**Box 2**

| | YES | NO |
|---|---|---|
| 6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial | X | |
| 7. Are all ICs in place and functioning as designed? | X | |

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

**Box 2A**

| | YES | NO |
|---|---|---|
| 8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid? | ☐ | ☒ |
| **If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.** | | |
| 9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years) | ☒ | ☐ |
| **If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.** | | |

**SITE NO. C241194** **Box 3**

**Description of Institutional Controls**

| Parcel | Owner | Institutional Control |
|---|---|---|
| **4-3579-45** | 18-46 Decatur Street Holding LLC | |
| | | Monitoring Plan |
| | | Site Management Plan |
| | | O&M Plan |
| | | Ground Water Use Restriction |
| | | Landuse Restriction |
| | | IC/EC Plan |

1. requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
2. allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
3. restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOHMH; and
4. requires compliance with the Department approved Site Management Plan.

**Box 4**

**Description of Engineering Controls**

| Parcel | Engineering Control |
|---|---|
| **4-3579-45** | |
| | Cover System |
| | Air Sparging/Soil Vapor Extraction |
| | Monitoring Wells |
| | Vapor Mitigation |

1. A building foundation/slab currently exists across the Site and will be maintained to allow for commercial use of the Site.

2. Soil vapor extraction (SVE) system to remove volatile organic compounds (VOCs) from the subsurface.

3. A sub-slab depressurization system to prevent the migration of vapors into the building from soil and/or groundwater.

4. In-situ chemical oxidation or reduction to treat volatile contaminants in groundwater.

**Box 5**

**Periodic Review Report (PRR) Certification Statements**

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

| YES | NO |
|---|---|
| X | |

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

| YES | NO |
|---|---|
| X | |

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

**IC CERTIFICATIONS**
**SITE NO. C241194**

**Box 6**

**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I ANTONIO MASTRONANDI at 1846 DECATUR STREET.
print name print business address

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

Date 3/11/25

**EC CERTIFICATIONS**

**Box 7**

**Qualified Environmental Professional Signature**

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Matthew M. Carroll at 121 West 27th Street, Suite 303, New York, NY 10001,
print name print business address

am certifying as a Qualified Environmental Professional for the Owner
(Owner or Remedial Party)

STATE OF NEW YORK
MATTHEW M. CARROLL
091629
LICENSED PROFESSIONAL ENGINEER

| Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | Date |
|---|---|---|
| | | 5/20/2025 |

**18-46 Decatur Street**
**Site Management - Annual Inspection**

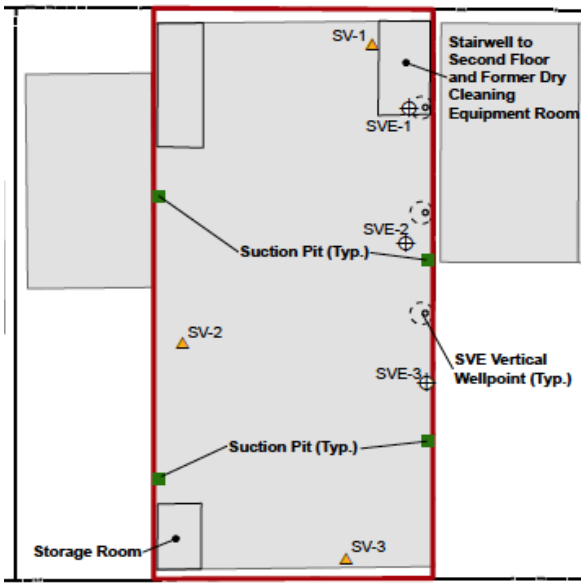
| Engineering Controls | Condition | Field Notes/Observations: |
|---|---|---|
| Sub-slab Depressurization (SSD) and Soil Vapor Extraction (SVE) System | Observe visible components (fan, vacuum alarm/monitor, vacuum gauge,tubing, riser pipe, etc.) for physical wear, damage and operational issues, and replace as necessary | No damage was observed. |
| | Remove any blockages in vacuum monitor and gauge tubing and riser pipe taps | No blockages. |
| | Verify operation of vacuum monitor by disconnecting tubing from riser pipe and noting if the building notification system goes into alarm mode | The alarm is not functioning properly and requires replacement. |
| | Verify operation of vacuum gauge by disconnecting tubing from riser pipe and noting if the indicator moves to zero (check high and low pressure ports to see if they are plugged correctly) | Gauge is operational. |
| | Inspect riser pipe penetrations in concrete slab for proper seal | Sealed properly. |
| | Inspect riser pipe connections at fan for leaks and tightness | No leaks. |
| | Inspect power to fan by operating dedicated switch | Fan is operational. |
| Site Cover (annual) | Visual inspection of concrete floors and perforations through floor for cracking or degradation | No cracks. |

| Pressure Field Extension Testing | |
|---|---|
| MP-1 | Not accessible |
| MP-2 | Not accessible |
| MP-3 | Not accessible |
| SVE-1 | -0.623 in-wc |
| SVE-2 | Not accessible |
| SVE-3 | Not accessible |

Name of inspector: Claire M. Zaccheo

Signature of inspector: Claire Zaccheo

Date of inspection: 1-May-25



18-46 Decatur Street
Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (if any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: Alfred Ziegler

Date of inspection: 3/4/2024

18-46 Decatur Street

Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (If any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: [illegible]

Date of inspection: 2/4/2024

18-46 Decatur Street

Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (If any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: Alfred Ziegler

Date of inspection: 1/2/2024

18-46 Decatur Street

Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (If any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: Alfred Ziegler

Date of inspection: 4/1/2024

18-46 Decatur Street
Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (if any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: Alfred Ziegler

Date of inspection: 5/3/2024

18-46 Decatur Street
Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (if any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: [signature]

Date of inspection: 6/3/2024

18-46 Decatur Street

Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (If any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: [signature]

Date of inspection: 7/1/2024

18-46 Decatur Street
Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (if any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: Alfred Ziegler

Date of inspection: 8/1/2024

18-46 Decatur Street

Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (If any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: Alfred Ziegler

Date of inspection: 9/2/2024

18-46 Decatur Street
Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (if any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: Alfred Ziegler

Date of inspection: 10/1/2024

18-46 Decatur Street
Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (If any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

Name of inspector: ALFRED ZIEGLER

Signature of inspector: Alfred Ziegler

Date of inspection: 11/1/2024

18-46 Decatur Street
Site Management - Monthly Inspection Checklist

| Engineering Controls | Condition | No | Yes | Deficiencies (if any): |
|---|---|---|---|---|
| Sub-slab Depressurization System (SSDS) | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |
| Soil Vapor Extraction (SVE) System | Has piping been inspected to confirm operation of appropriate valves | | ✓ | |

Comments/Notes:

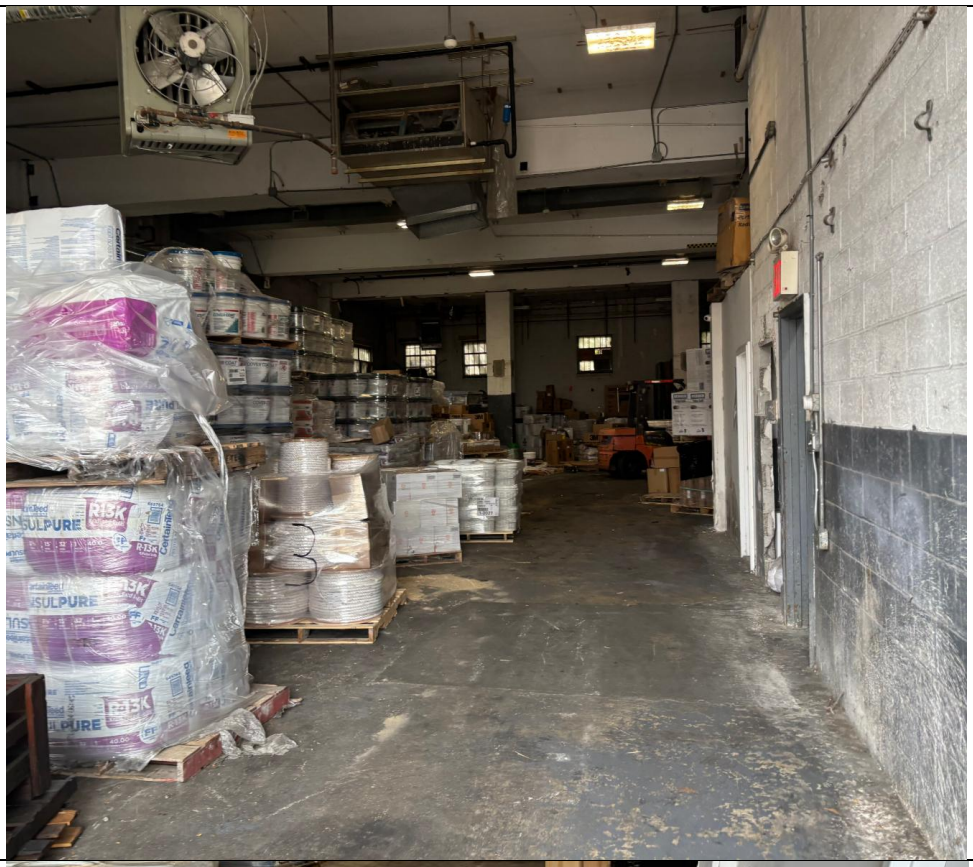
Name of inspector: ALFRED ZIEGLER

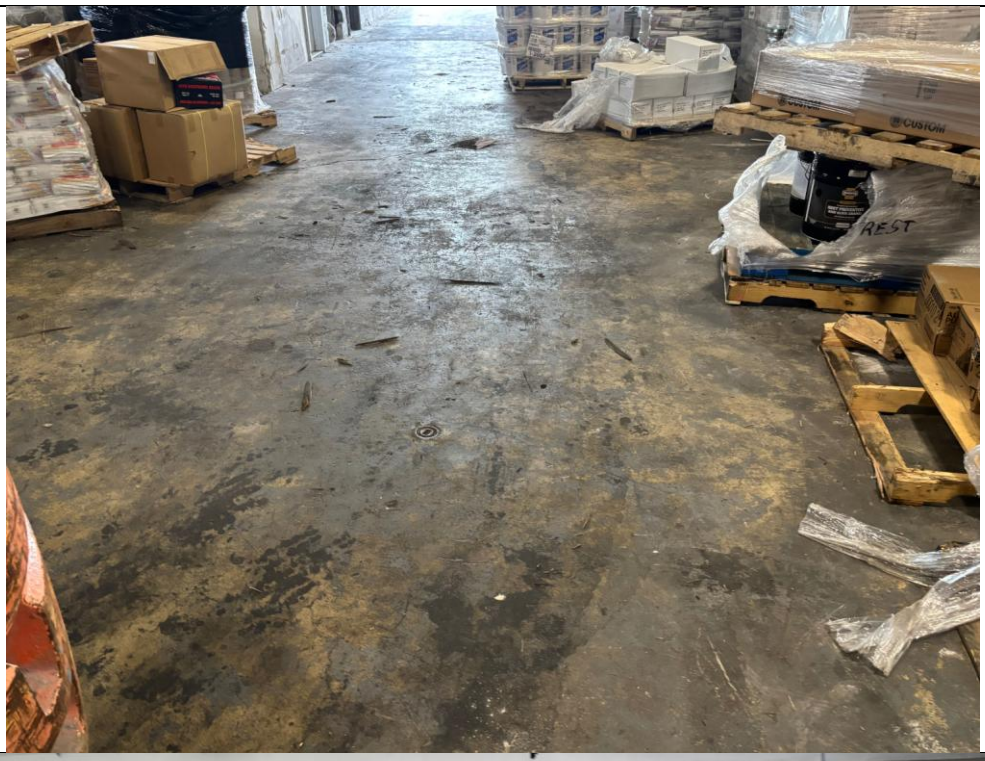
Signature of inspector: Alfred Ziegler

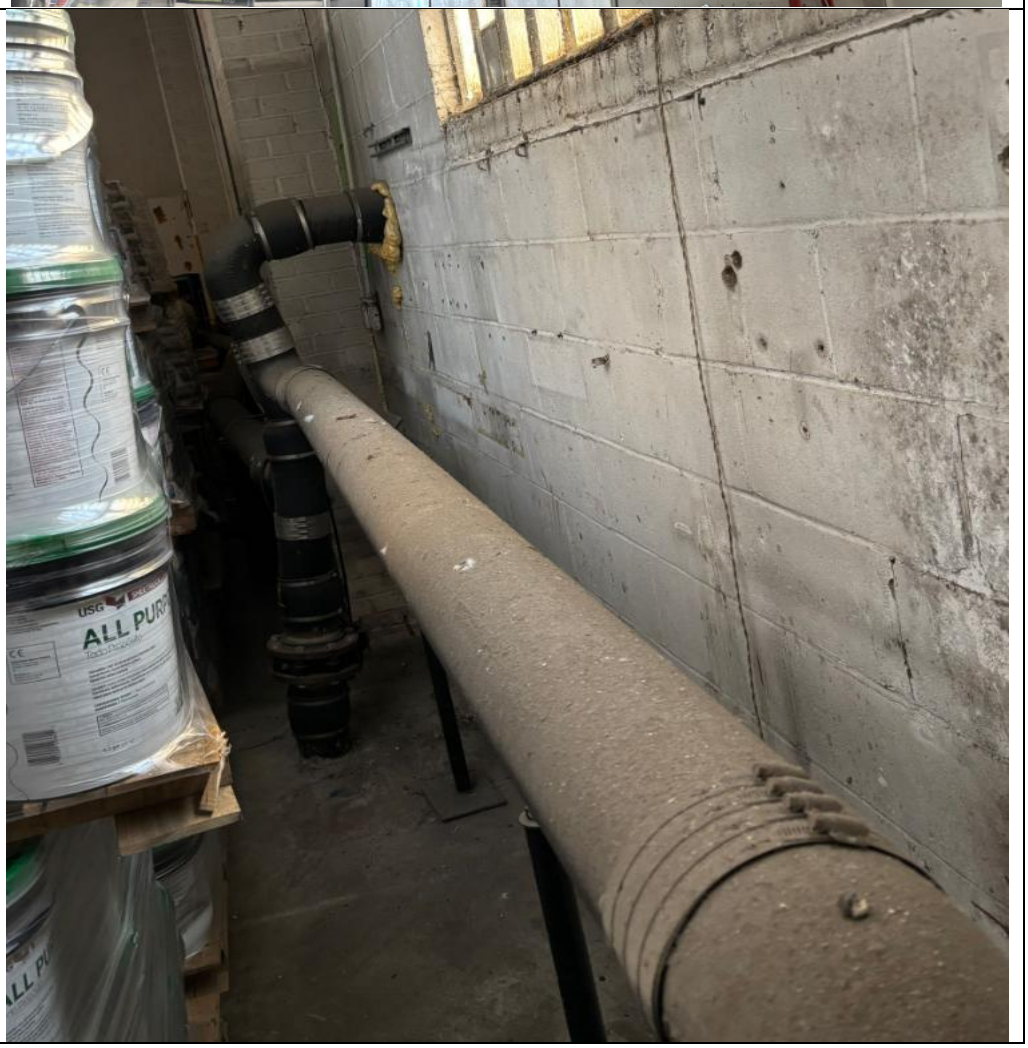
Date of inspection: 12/1/2024

# Appendix 2
# Photolog

| | |
|---|---|
| Photo 1 – View of the fan. | |
| Photo 2 – View of the fan and exhaust stack. | |

| | |
|---|---|
| Photo 3 – View of the warehouse. |  |
| Photo 4 – View of the concrete slab. | |

| | |
|---|---|
| Photo 5 – View of the concrete slab. |  |
| Photo 6 – View of warehouse. | |

| | |
|---|---|
| Photo 7 – View of riser pipe. | |
| Photo 8 – View of SVE wells and riser pipe. |  |

| | |
|---|---|
| Photo 8 – View of SVE well. | |
| Photo 9 – View of SVE wells and riser piping. | |

| | |
|---|---|
| Photo 10 – View of warehouse. | |