# Electronic Transmittal Form for DEEP Remediation, LUST, and PCB Secure File Transfer (SFT)

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
REMEDIATION DIVISION, PCB PROGRAM, AND
LEAKING UNDERGROUND STORAGE TANK COORDINATION PROGRAM
www.ct.gov/deep

This Electronic Transmittal Form must be completed and included as the cover sheet of your electronic document when uploading a document to the Connecticut SFT website. Requirements for Transmittals through the SFT website:

- Documents submitted through the SFT website must include all applicable figures, tables and laboratory data.
- Files must be formatted as PDF/A and use the appropriate naming convention:
  - For Remediation Filings: **REM_REMID #_SiteAddress_Town_DocumentType_DateofDocument**
  - For LUST Filings: **LUST_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
  - For PCB Filings: **PCB_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
  **Example:** LUST_1MainStreet_Hartford_ESA_01-01-2001
  **Note:** For "AbbreviationForDocumentType" use appropriate abbreviation at Transmittal of Documents
- If no Rem ID assigned (new filing) or REM ID is unknown leave field blank

**Part I: Primary Recipient*: Remediation Program** (* required)

| For Remediation documents: | For PCB/LUST documents: |
|---|---|
| Primary Program*: Significant Environmental Hazard | UST Facility ID: (if applicable) |
| Rem ID*: 13641 | Spill Case Number: (if known) |

**Part II: Site Information**

Site Name*: Rockville Former Manufactured Gas Plant
Site Address*: 13 Maple Street
City/Town*: Rockville, Vernon State: CT Zip Code: 06066

Secondary Programs (complete as many as applicable for this document):

| | |
|---|---|
| Program: Voluntary Remediation | Project ID: 12390 |
| Program: Select Secondary Program | Project ID: |
| Program: Select Secondary Program | Project ID: |
| Program: Select Secondary Program | Project ID: |

Provide Project ID for each secondary program if it is known.
Each program has a unique ID (i.e. Rem ID, Spill Case #, UST Facility ID, etc.)

**Part III: Document Information** (document type required for appropriate program[s] only)

Remediation*: SEH Status Update: Soil
LUST/PCB*: LUST/PCB Document Type
Date of Document*: 5/22/2024 Version: Final

**Part IV: Submitter Information**

Name*: Andrew (Drew) P. Blicharz
E-mail*: drew.blicharz@eversource.com
Name of business this document is being submitted on behalf of and contact person email: *
The Connecticut Light and Power Company dba Eversource Energy

EVERSOURCE ENERGY

Sustainability & Environmental Affairs Department
107 Selden Street, BMN2
Berlin, CT 06037

May 22, 2024

Monica Meschiatti
Remediation Division
Bureau of Water Protection and Land Reuse
Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Reference: **Rockville Former Manufactured Gas Plant Site**
**REM ID: 13641/SEH ID: 1075**
**Significant Environmental Hazard Status Update Form: Soil**

Dear Ms. Meschiatti:

The Connecticut Light and Power Company dba Eversource Energy (Eversource) submits the enclosed *Significant Environmental Hazard (SEH) Status Update Form: Soil* for the Rockville Former Manufactured Gas Plant Site located at 13 Maple Street in Rockville, Vernon, Connecticut (the Site). An SEH Notification (SEHN) was submitted to the Connecticut Department of Energy and Environmental Protection (CT DEEP) on February 26, 2018. The SEHN reported that benzo(a)pyrene (BaP) was detected at a concentration that exceeded the SEH Condition Notification Threshold Concentration in shallow surficial soils (upper two feet) in a sample collected from SS-102 (0-6") during the Phase III Environmental Site Assessment (ESA). Additional SEH conditions in shallow surficial soils were later discovered at the Site during characterization or investigation activities. SEH conditions at OSS-4 and SB-78 were abated. SEH conditions at SB-76 and SB-76A1, HA-18, and an area characterized by HA-01 through HA-03 remain at the Site.

The attached *SEH Status Update Form: Soil* provides an annual update on the mitigation measures for existing SEH conditions in surficial soils, and representative photographs. These SEH conditions in the surficial soils, which are currently within an access-restricted fencing area, are proposed to be abated prior to or as part of the site-wide remedial action plan (RAP) which will be prepared once the Phase III environmental site assessment is completed at the Site.

Sincerely,
Eversource Energy Service Company

Andrew (Drew) P. Blicharz, LEP, CHMM
Senior Environmental Specialist – Remediation

Enclosure: Significant Environmental Hazard (SEH) Status Update Form: Soil
Cc: Kevin Neary, CT DEEP
Jeffrey Holden, LEP, GEI Consultants
Sean Connolly, GEI Consultants

# Significant Environmental Hazard Status Update Form: Soil [Connecticut General Statutes (CGS) Section 22a-6u]

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
BUREAU OF WATER PROTECTION & LAND REUSE
REMEDIATION DIVISION
79 ELM STREET
HARTFORD, CT 06106-5127 www.ct.gov/deep/remediation

Complete and submit this form, accompanied by attachments as requested, to meet the requirement under CGS section 22a-6u(k)(2) to provide a description of any continuing actions being taken to monitor, mitigate, or abate a Significant Environmental Hazard condition in surface soil.

RemID# **DEEP Use Only** SEH#

## Part I – Site Identification

Identify the parcel at which a Significant Environmental Hazard (SEH) condition was identified:

Name of Site: Rockville Former MGP Site(REMID 13641/SEHID 1075

Address or Location: 13 Maple Street

City/Town: Rockville/Vernon State: CT Zip Code: 06066

Date(s) DEEP was notified: 2/26/18 DEEP Case Manager (if known): MONICA MESCHIATTI

## Part II – SEH Information

**A. SEH Condition Reported**

☒ 30x Industrial/Commercial Direct Expose Criteria (DEC) (for industrial/commercial use, i.e. non-residential)

☐ 15x Industrial/Commercial DEC (for metals or PCBs at industrial/commercial properties that are within 300 feet of a current residential use)

☐ 15x Residential DEC (for current residential use)

**B.** Has the extent of the SEH condition been fully delineated horizontally and vertically in the top two feet of soil, pursuant to CGS section 22a-6u(d)(3)(A)?

Yes ☒ No ☐ Date report delineating SEH condition submitted: 5/19/23

**C.** A site map is attached depicting the specific locations and extent of the soil contamination, including contaminant concentrations that exceed SEH notification thresholds. ☒

## Part III – SEH Mitigation Status Update

Describe any steps being taken to delineate, monitor, mitigate, and/or abate the SEH condition and any proposed future actions, pursuant to CGS section 22a-6u(d)(3).

**A. Report Frequency**

1. Annual reports are due on **June 1st** of each year using this form.
   This submittal is the annual report. ☒
2. **In the event that mitigation measures fail, a supplemental report, using this form, is required within 30 days of discovery of such event and must describe how this condition was addressed in C.4. below.** This submittal is a supplemental report. ☐

**B. SEH Mitigation**

1. Area that exceeds SEH soil notification thresholds is:

| | | |
|---|---|---|
| Covered by pavement maintained in good condition | YES ☐ | NO ☒ |
| Fenced off from the general public | YES ☒ | NO ☐ |
| Identified by posted warning signs | YES ☒ | NO ☐ |

2. Provide any additional details of the mitigation measures taken to prevent exposure to the contaminated soil exceeding the SEH notification threshold. CHECK IF NONE ☐

Surficial soil with detections of benzo(a)pyrene (BaP) above the SEH Threshold Concentration including the SS-102, HA-01A, HA-02, HA-03, HA-18, and SB-76 areas remain secured within security fencing that has warning signs posted at the gated entrances to inform authorized visitors. The property is flagged in Eversource's internal GIS which informs Substation Operations personnel to contact Environmental personnel prior to intrusive work at the substation property.

**C. Inspection and Maintenance of Mitigation Measures**

1. List dates of inspection since last annual report (mm/dd/yy):

| | | | |
|---|---|---|---|
| 7/1/23 | 10/1/23 | 4/8/24 | 5/14/24 |

2. Checklist for inspection of mitigation measures for most recent inspection:

| | | | |
|---|---|---|---|
| ☐ Yes | ☐ No | ☒ NA | Cracking of asphalt or concrete? |
| ☐ Yes | ☒ No | ☐ NA | Changes in surface profile (settling, potholes, roots)? |
| ☐ Yes | ☒ No | ☐ NA | Exposed geotextile membrane or soil erosion? |
| ☐ Yes | ☒ No | ☐ NA | New construction, paving, or landscaping? |
| ☐ Yes | ☒ No | ☐ NA | Opening in fence that could allow access? |
| ☒ Yes | ☐ No | ☐ NA | Warning signs present and legible? |
| ☐ Yes | ☐ No | ☒ NA | Other conditions - describe: |

3. Provide current photo documentation of mitigation measures.

Date of photos: 5/14/24 PHOTOS ATTACHED ☒

4. Describe any maintenance of mitigation measures that has been completed since the last report. CHECK IF NONE ☒

## Part IV – SEH Abatement Update

**A. Abatement Status**

1. ☒ SEH condition has been abated (complete Part IV.B.) OSS-04 in 2021 and SB-78 in 2022. Reports below.
2. Date abatement plan (to be) submitted:
3. Anticipated date of completion of abatement:

**B. Abatement Details**

1. SEH condition has been abated such that notice would not be required under CGS section 22a-6u(k)(3) by:

   ☒ Removal of soil above notification threshold values in the top two feet of soil.

   ☐ Rendering the soil inaccessible as defined in the Remediation Standard Regulations ("RSRs," sections 22a-133k-1 through -3 of the Regulations of Connecticut State Agencies).

   ☐ Remediation of the release in accordance with the RSRs.

2. ☐ A report describing actions taken to permanently abate the SEH condition is attached.

   a. ☐ A table of analytical data that are the basis for determining that a SEH condition no longer exists is included in the attached report.

   b. ☐ A site map indicating the location of samples identifying that the SEH condition has been fully abated is included in the attached report.

3. If a report(s) has (have) already been submitted that documents the abatement of the SEH condition, list the reports below for reference. CHECK IF NONE ☐

| Report Name | Preparer | Submittal Date (mm/dd/yy) | DEEP Unit Name (where submitted) |
|---|---|---|---|
| Annual Report | GEI | 12/23/22 | Remediation |
| Significant Environmental Status Update Form: Soil | Eversource | 5/25/22 | Remediation |
| 2021 Voluntary Remediation Program Annual Report | Tighe & Bond | 12/29/21 | Remediation |
| | | | |

## Part V – Party Identification and Contact Information

**A. Site Owner** Has this information changed? Yes ☐ No ☒

Owner Name: The Connecticut Light and Power Company dba Eversource Energy

Contact Person: Andrew (Drew) P. Blicharz Title: Senior Environmental Specialist

Contact E-mail: drew.blicharz@eversource.com Contact Phone:860-665-5751 Ext.

Mailing Address: 107 Selden Street

City/Town: Berlin State:CT Zip Code: 06037

**B. Environmental Consultant** Has this information changed? Yes ☐ No ☒

Name: Jeffrey S. Holden Title: P.E., LEP

Firm: GEI Consultants, Inc.

E-mail: jholden@geiconsultants.com Phone: 607-216-8956 Ext.

Mailing Address: 1301 Trumansburg Road, Suite N

City/Town: Ithaca State: NY Zip Code: 14850

**C. Entity Acting on Behalf of the Owner** Has this information changed? Yes ☐ No ☒

*If the person signing this form is not the site owner, describe that person's relationship to the site and its owner and enter contact information below. If an entity who is not the site owner is acting on behalf of the owner to mitigate or abate the hazard condition, provide details of this agreement.*

Contact Name:

Contact Person: Title:

Contact E-mail: Contact Phone: Ext.

Mailing Address:

City/Town: State: Zip Code:

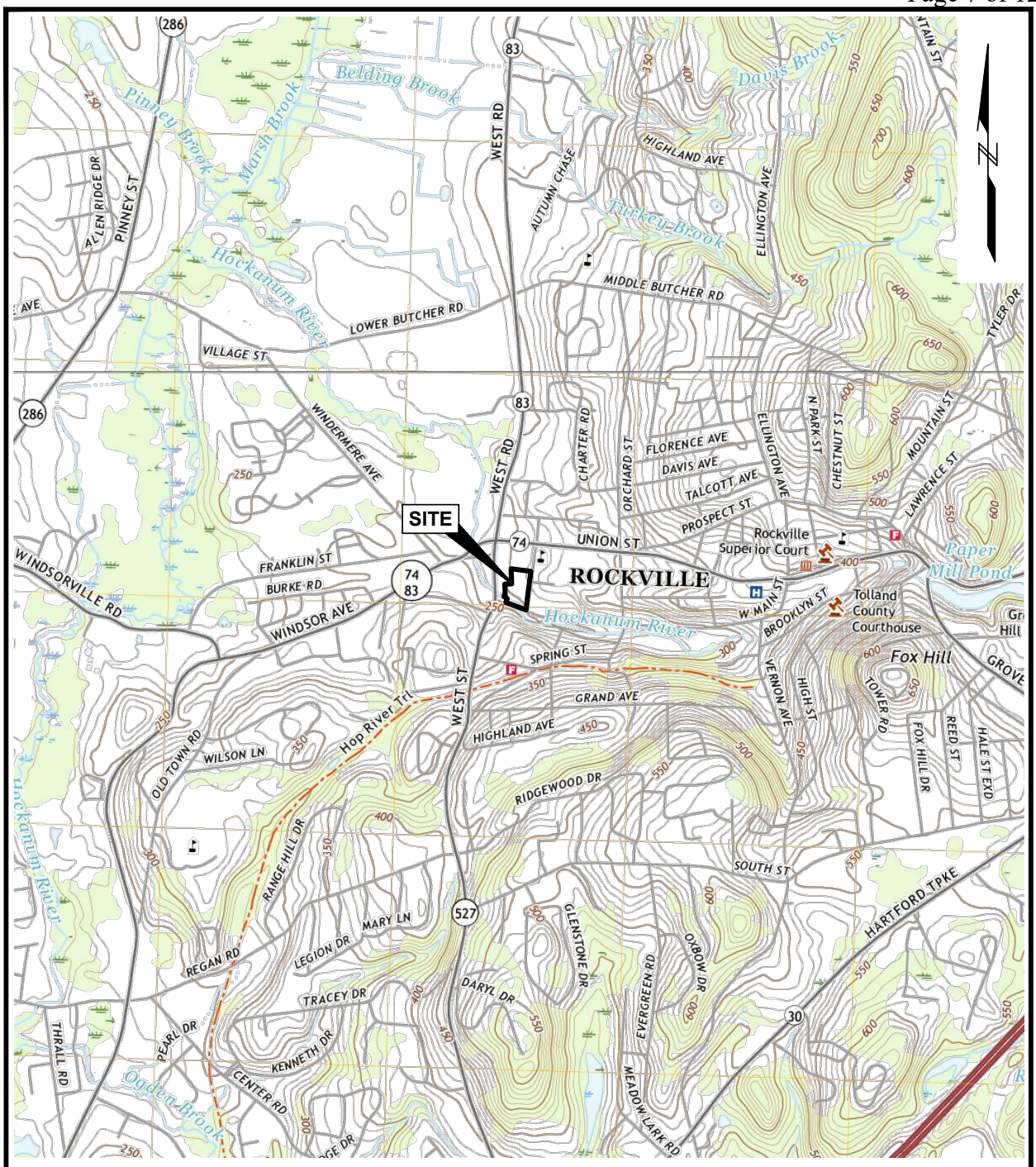
## Part VI – Signature of Property Owner or Entity Acting on Owner's Behalf

**"I have personally examined and am familiar with the information submitted in this document and all attachments, and certify that based on reasonable investigation the submitted information is true and accurate to the best of my knowledge and belief. I certify that this form is complete and accurate as prescribed by the Commissioner without alteration of the text."**

Name: Andrew (Drew) P. Blicharz Title (if applicable): Senior Environmental Specialist

Signature Drew Blicharz Date: 5/22/24

SEND COMPLETED FORM TO: REMEDIATION DIVISION
<ATTN: CASE MANAGER, IF KNOWN>
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127




***SOURCE:***
MAP CREATED ROCKVILLE, CT QUADRANGLE, 7.5-MINUTE USGS TOPOGRAPHIC MAP, 2021 AND ELLINGTON, CT QUADRANGLE, 7.5-MINUTE USGS TOPOGRAPHIC MAP, 2021.

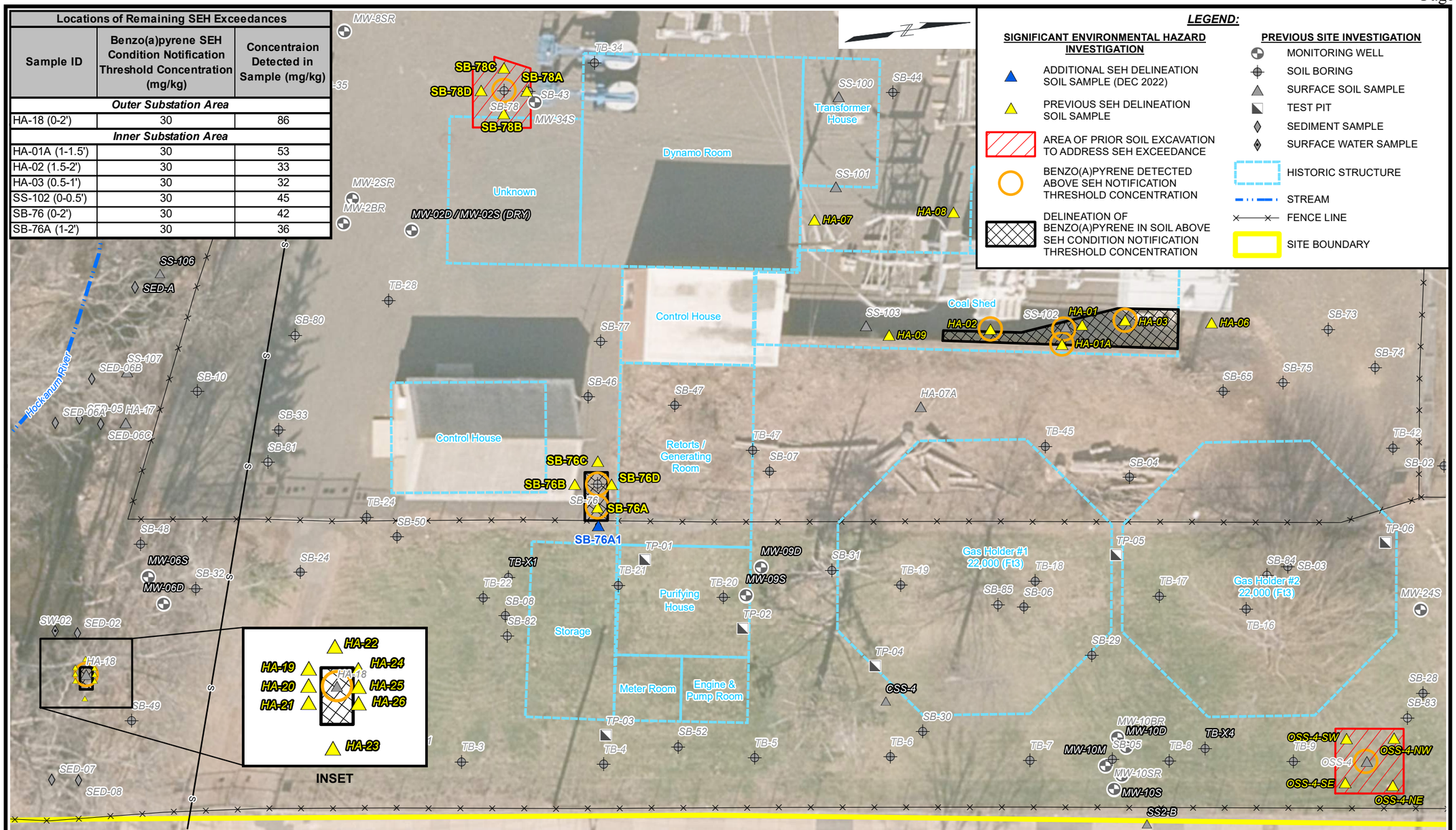
0 2000 4000

SCALE: 1" = 2000'

| | | |
|---|---|---|
| Significant Environmental Hazard Status Update Form: Soil<br>Rockville Former MGP Site<br>Rockville, Vernon, Connecticut | GEI Consultants | SITE LOCATION MAP |
| Eversource<br>Berlin, Connecticut | Project 2200138 | May 2024 Fig. 1 |

\\geiconsulta B:\Working\EVERSOURCE\2200138 Rockville MGP Supp. Ph II_III ESA\00_CAD\Figures\SEHSU\2023\2200138_SEHSU_SLM.dwg - 5/16/2023

| Locations of Remaining SEH Exceedances | | |
|---|---|---|
| **Sample ID** | **Benzo(a)pyrene SEH Condition Notification Threshold Concentration (mg/kg)** | **Concentraion Detected in Sample (mg/kg)** |
| ***Outer Substation Area*** | | |
| HA-18 (0-2') | 30 | 86 |
| ***Inner Substation Area*** | | |
| HA-01A (1-1.5') | 30 | 53 |
| HA-02 (1.5-2') | 30 | 33 |
| HA-03 (0.5-1') | 30 | 32 |
| SS-102 (0-0.5') | 30 | 45 |
| SB-76 (0-2') | 30 | 42 |
| SB-76A (1-2') | 30 | 36 |




SOURCES:
1. ALL PREVIOUS SAMPLE LOCATION DATA PROVIDED BY TIGHE & BOND.
2. WORLD IMAGERY LAYER, Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

0 20 40
SCALE, FEET

Significant Environmental Hazard Status Update Form: Soil
Rockville Former MGP Site
Rockville, Vernon, Connecticut

Eversource
Berlin, Connecticut

GEI Consultants

SIGNIFICANT ENVIRONMENTAL HAZARD (SEH) INVESTIGATION AND EXCAVATION LOCATIONS

Project 2200138 | May 2024 | Fig. 2

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**Rockville Former MGP**
**Significant Environmental Hazard Status Update Form: Soil**
**Address**: 13 Maple Street, Rockville, Vernon, Connecticut

GEI Consultants

## Photo Log Index – May 2024

*Photo No. 1 – Signage at outer substation southern gate (facing west).* ____ *1*
*Photo No. 2 – Signage at outer substation northern gate (facing west).* ____ *1*
*Photo No. 3 – SEH condition area (SB-76 and SB-76A) within the inner substation fence (facing east).* ____ *2*
*Photo No. 4 – SEH condition area (SS-102, HA-01A, HA-02 and HA-03) within the inner substation beyond the retaining wall (facing north).* ____ *2*
*Photo No. 5 – SEH condition area (SS-102, HA-01A, HA-02 and HA-03) within the inner substation adjacent to the retaining wall (facing south).* ____ *3*
*Photo No. 6 – SEH condition area (HA-18) fenced off within wooded area of outer substation (facing south).* ____ *3*

**Rockville Former MGP**
**Significant Environmental Hazard Status Update Form: Soil**
**Address**: 13 Maple Street, Rockville, Vernon, Connecticut



Photo No. 1 – Signage at outer substation southern gate (facing west).



Photo No. 2 – Signage at outer substation northern gate (facing west).

**Rockville Former MGP**
**Significant Environmental Hazard Status Update Form: Soil**
**Address**: 13 Maple Street, Rockville, Vernon, Connecticut



Photo No. 3 – SEH condition area (SB-76 and SB-76A) within the inner substation fence (facing west).



Photo No. 4 – SEH condition area (SS-102, HA-01A, HA-02 and HA-03) within the inner substation fence beyond the retaining wall (facing west).

**Rockville Former MGP**
**Significant Environmental Hazard Status Update Form: Soil**
**Address**: 13 Maple Street, Rockville, Vernon, Connecticut



Photo No. 5 – SEH condition area (SS-102, HA-01A, HA-02 and HA-03) within the inner substation adjacent to the retaining wall (facing south).



Photo No. 6 – SEH condition area (HA-18) fenced off within wooded area of outer substation (facing south).