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

DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
REMEDIATION DIVISION
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:

- Only document types identified in the dropdown lists in Part III below may be submitted 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_DocumentType_DateofDocument**
    Example: REM_1234_MonitoringReport_01-01-2001
  - For LUST Filings: **LUST_SiteAddress_Town_AbbreviationForDocumentType_DateofDocument**
    Example: LUST_1MainStreet_Hartford_ESA_01-01-2001
    Note: For "AbbreviationForDocumentType" use appropriate abbreviation at Transmittal of Documents

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

For Remediation documents:	For 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*:
Date of Document*: 5/11/2021 Version: Final

Part IV: Submitter Information

Name*: Drew P. Blicharz
E-mail*: drew.blicharz@eversource.com
Name of company/business this document is being submitted on behalf of: *
CT Light and Power Co. dba Eversource Energy

EVERSOURCE ENERGY

Environmental Affairs Department
107 Selden Street
Berlin, CT 06037

May 11, 2021

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

Reference: **Rockville Former Manufactured Gas Plant Site**
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 Threshold Concentration in shallow surficial soils (upper two feet) during the Phase III Environmental Site Assessment (ESA).

In 2020, on-going Phase III ESA activities identified additional concentrations of BaP exceeding the SEH Condition Threshold Concentration within historical fill in soil borings SB-76 and SB-78 located within the Rockville 14W Inner Substation Area. The results were provided to CT DEEP as part of the 2020 Voluntary Remediation Program (VRP) Annual Report for the Site. The soils at these boring locations are located beneath trap rock cover and within the substation which is secured by a chain-link fence topped with barbed wire and locked gates that are electronically monitored. Access to the substation is restricted to authorized personnel only and there are various warning signs placed at the fence line.

The attached *SEH Status Update Form: Soil* includes information from the SEH exceedances at SB-76 and SB-78 as well as an annual update for other previously identified surficial soils that exceed the SEH Condition Threshold Concentration that were identified during Phase III ESA investigations at the Site. The SEH conditions in the surficial soils are proposed to be delineated as part of the continuing Phase III ESA activities in 2021 and abated as part of the site-wide remedial action plan (RAP) which will be prepared once the Phase III ESA is completed at the Site.

If you have any questions or require additional information regarding this submittal, please contact me at (860) 665-5751.

Sincerely,
Eversource

Drew P. Blicharz
Environmental Specialist – Remediation

Enclosure: Significant Environmental Hazard (SEH) Status Update Form: Soil
Cc: Kevin Neary, CT DEEP
Lynn Willey, Eversource
Jim Olsen, Tighe & Bond

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(REM ID12390/SEH ID13641)

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:

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 ☐

Soils with detections of benzo(a)pyrene (BaP) above the SEH Notification Threshold Concentration remain secured with fencing and demarcated with no trasspassing and warning placards regarding access. In 2020, BaP was detected above SEH criteria within historic fill in soil borings SB-76 and SB-78 during the Phase III ESA similar to previous SEH exceedances in the Rockville 14W Inner Substation (Figure 2). These locations are targeted for delineation as part of the 2021 Phase III ESA.

C. Inspection and Maintenance of Mitigation Measures

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

3/18/21			

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: 3/18/21 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.)
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)

Part V – Party Identification and Contact Information

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

Owner Name: CL&P dba Eversource Energy

Contact Person: Drew P. Blicharz Title: 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: James T. Olsen Title: PG, LEP

Firm: Tighe & Bond

E-mail: JTOlsen@tighebond.com Phone: 860-704-4761 Ext.

Mailing Address: 213 Court Street, Suite 1100

City/Town: Middletown State: CT Zip Code: 06457

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:

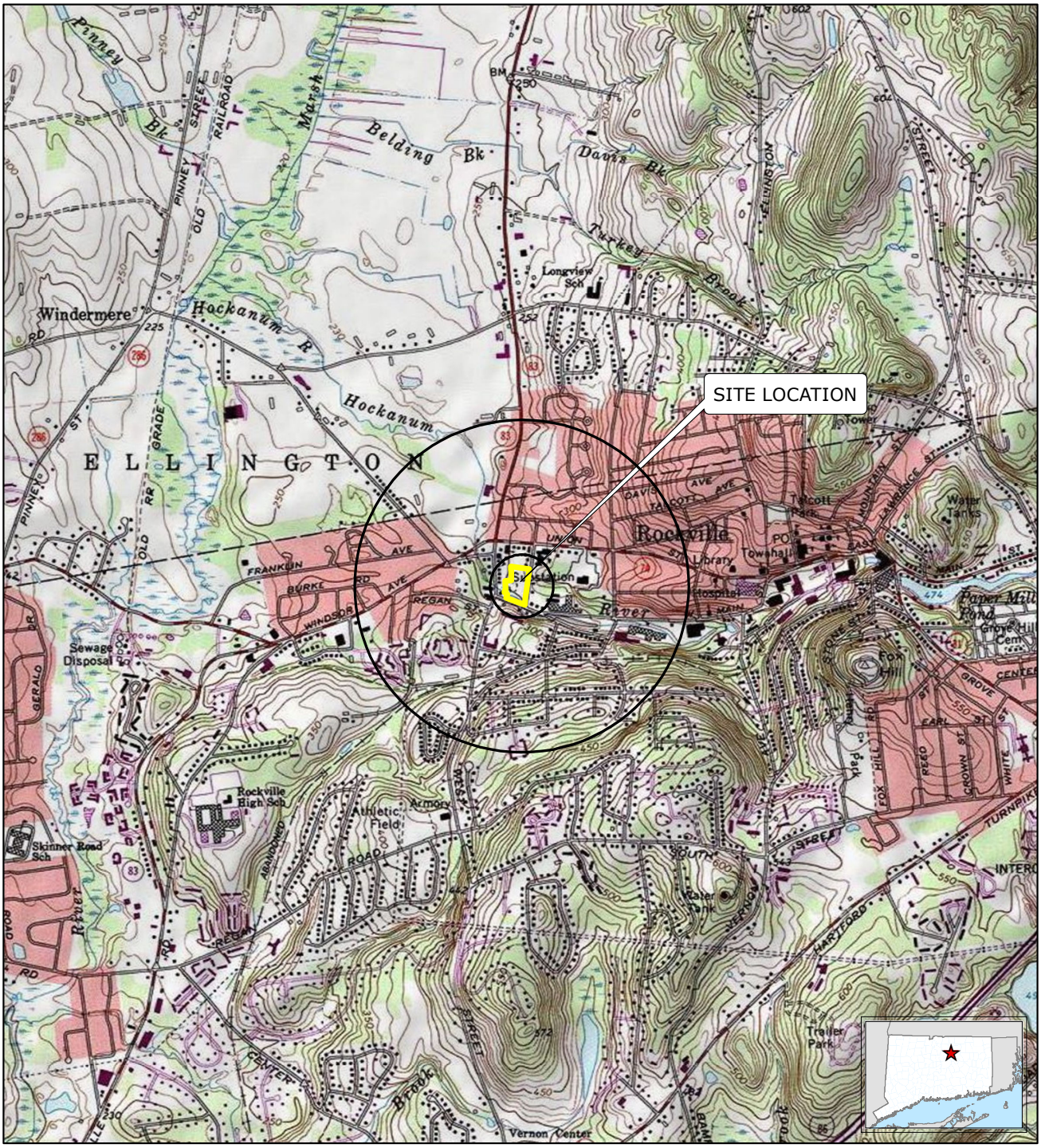
Part VI – Signature of Property Owner or Entity Acting on Owner's Behalf

"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: Drew P. Blicharz Title (if applicable): Environmental Specialist

Signature Drew Blicharz Date: 5/11/2021

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



Legend

Site Boundary

Tighe&Bond
Engineers | Environmental Specialists

Based on USGS Topographic Map for Rockville, CT Revised 1984.
Contour Interval Equals 10 Feet.
Circles indicate 500-foot and half-mile radii

1:24,000
0 1,000 2,000
Feet

N

FIGURE 1
SITE LOCATION MAP

The Connecticut Light and Power Co.
dba Eversource Energy (Eversource)
Rockville Former MGP Site
Rockville, Vernon, Connecticut

May 2021

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N-0915

Sample ID	Benzo(a)pyrene SEH Condition Notification Threshold Concentration (mg/kg)	Concentration (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-78 (0-1')	30	190
SB-76 (0-2')	30	42

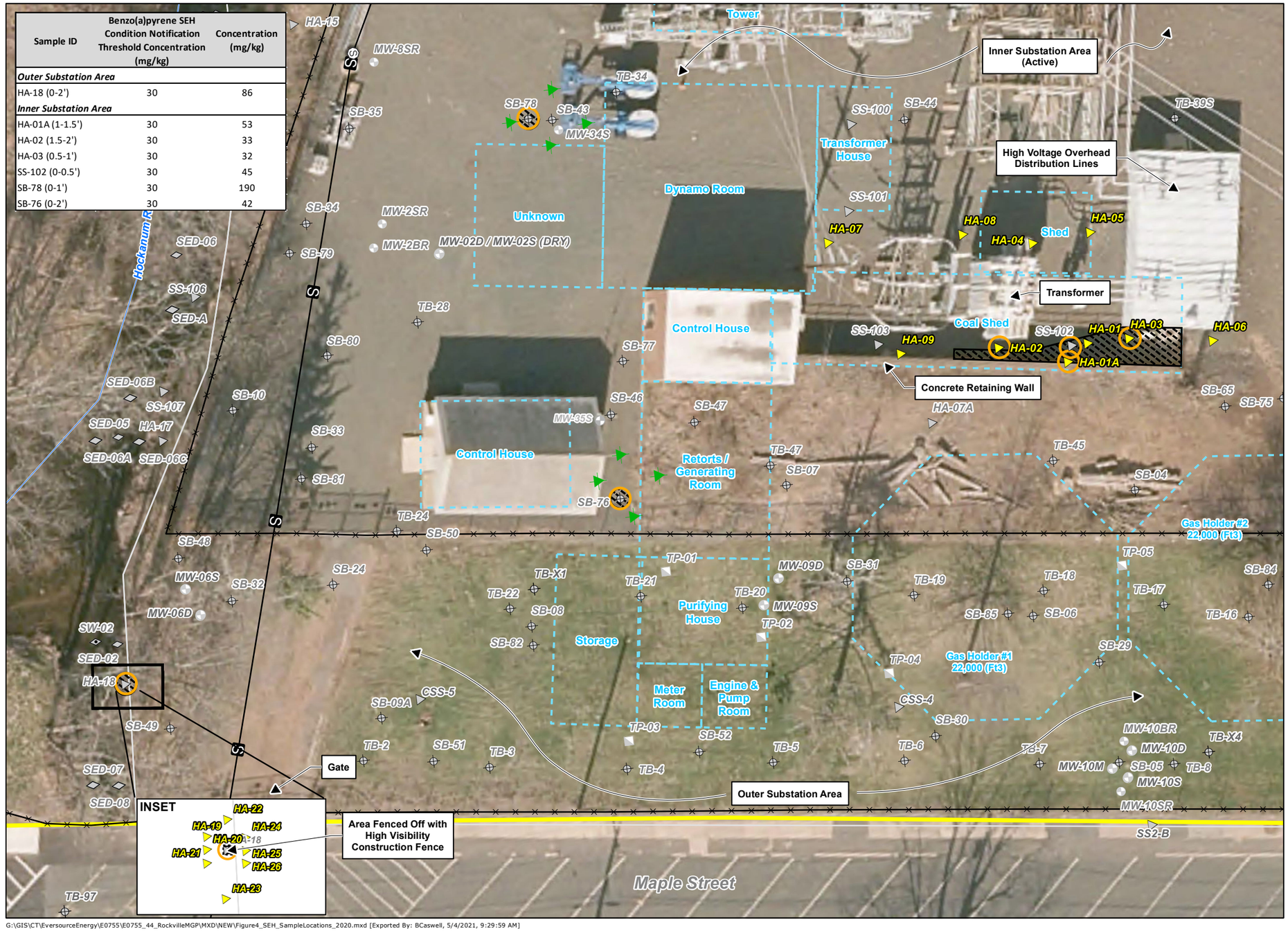

FIGURE 2
SIGNIFICANT ENVIRONMENTAL HAZARD (SEH) INVESTIGATION SAMPLE LOCATIONS

Site Investigations
- Sediment Sample
- Surface Water Sample
- Monitoring Well
- Soil Boring
- Subsurface Soil
- Test Pit Location

Significant Environmental Hazard Sample Locations
- Hand Auger Location
- Proposed Hand Auger Location
- Benzo(a)pyrene detected above SEH Condition Notification Threshold Concentration
- Sanitary Sewer Manhole
- Sanitary Sewer Line
- Stream Flow
- Fence Line
- Historic Structure
- Site Boundary
- Approximate Pacel Boundary
- Concentrations of Benzo(a)pyrene above SEH Condition Notification Threshold Concentration

0 10 20
Feet
1:240

NOTES
1. Based on 2016 Statewide Orthophotography, Courtesy of CTECO.
2. Only concentrations above the SEH threshold are shown.
3. Inset scale; 1 inch = 10 feet

The Connecticut Light and Power Co. dba Eversource Energy (Eversource)
Rockville Former MGP Site
Rockville, Vernon, Connecticut
May 2021

Tighe&Bond
Engineers | Environmental Specialists

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E-0755

Photographic Log

Client: CL&P dba Eversource Energy
Site: Rockville Former MGP Site-SEH Areas
Job Number: 140755044E

Photograph No.: 1	**Date:** 3-18-21	**Direction Taken:** North
Description: Surficial Soil Significant Environmental Hazard Area (SS-102, HA-1A, HA-2 and HA-3) within the Active Inner Substation Rockville 14W.		



Photograph No.: 2	**Date:** 3-18-21	**Direction Taken:** West
Description: Surficial Soil Significant Environmental Hazard Area (SB-78) within the Active Inner Substation Rockville 14W.		



Photographic Log

Client: CL&P dba Eversource Energy
Job Number: 140755044E
Site: Rockville Former MGP Site-SEH Areas

Photograph No.: 1	**Date:** 3-18-21	**Direction Taken:** East
Description: Surficial Soil Significant Environmental Hazard Area (SB-76) within the Active Inner Substation Rockville 14W.		



Photograph No.: 2	**Date:** 3-18-21	**Direction Taken:** Southwest
Description: Surficial Soil Significant Environmental Hazard Area (HA-18) within the Wooded Area of the Outer Substation Rockville 14W.		

