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*: 8557	Spill Case Number: (if known)

Part II: Site Information

Site Name*: Hunts Brook Property
Site Address*: 128 Moxley Road
City/Town*: Montville State: CT Zip Code: 06382

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

Program: Select a Program	Project ID:
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*: 5/9/2023 Version: Final

Part IV: Submitter Information

Name*: James T. Olsen
E-mail*: JTOlsen@tighebond.com
Name of company/business this document is being submitted on behalf of: *
CL&P dba Eversource Energy

EVERSOURCE ENERGY

Environmental Affairs Department
107 Selden Street
Berlin, CT 06037

May 23, 2023

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

Re: **Significant Environmental Hazard Status Update Form: Soil**
The Connecticut Light and Power Company dba Eversource Energy
Hunts Brook Property, 128 Moxley Road
Montville, Connecticut

Dear SEH Coordinator:

The Connecticut Light and Power Company dba Eversource Energy (Eversource) submits the enclosed *Significant Environmental Hazard (SEH) Status Update Form: Soil* for the Hunts Brook Property located at 128 Moxley Road in Montville, Connecticut (the Site). An SEH Notification (SEHN) was submitted to the Connecticut Department of Energy and Environmental Protection (CT DEEP) on May 29, 2020. The SEHN reported that concentrations of arsenic were discovered above the SEH Condition Threshold Concentration of 150 milligrams/kilogram (mg/kg) in shallow surficial soils (upper two feet) at three locations (B-4, B-6, and MW-102) during the review of historic subsurface soil boring analytical data contained in the 2007 Site Investigation report for the Site. The 2007 Site Investigation Report was submitted to CTDEEP on August 24, 2007. The SEH Condition Threshold Concentration was updated for residential parcels in 2015. As a preventative measure, the SEH areas were secured with high visibility fencing and demarcated with warning signage in the spring of 2020.

Delineation of surficial soils at B-6, MW-102 and B-4, designated as SEH Areas 1, 2 and 3 respectively, was completed in September 2020 and the results were summarized in the *Significant Environmental Hazard Delineation* for the Site that was provided to CTDEEP dated September 29, 2020. Additional delineation of arsenic in surficial soils was completed at SEH Areas 1 and 3 during April 2021 and documented in the *2021 SEH Status Update Form: Soil*

The attached *SEH Status Update Form: Soil* includes a summary of the Site conditions and fencing at the three SEH Areas.

If you have any questions or require additional information regarding this submittal, please contact me at (860) 665-6915 or via e-mail at benjamin.caswell@eversource.com.

Sincerely,

Benjamin Caswell

Benjamin P. Caswell
Environmental Specialist – Remediation
Eversource Energy Service Company

Enclosures: Significant Environmental Hazard (SEH) Status Update Form: Soil
Cc: 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: Hunts Brook Property

Address or Location: 128 Moxley Road

City/Town: Montville State: CT Zip Code: 06382

Date(s) DEEP was notified: 5/29/20 DEEP Case Manager (if known): MICHAEL SENYK

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: 10/20/2021

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 ☐

Access to the Site is limited by a chain-link fence that is located along Moxley Road. Warning signs indicating "No Trespassing" and "Posted-Keep Out" and "Authorized Personnel Only" are affixed to the fence. Access to the three areas exceeding the SEH Condition Notification Threshold Concentration is further limited by high-visibility snow fencing that is demarcated with a warning sign "No Trespassing Posted-Keep Out" as shown in the photographs that are provided

C. Inspection and Maintenance of Mitigation Measures

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

5/3/23			

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: 5/3/23 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 (Eversource)

Contact Person: Benjamin Caswell Title: Environmental Scientist

Contact E-mail: Benjamin.Caswell@eversource.com Contact Phone:8606656915 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 PG, LEP Title: Vice President

Firm: Tighe & Bond

E-mail: JTOlsen@TigheBond.com Phone: 8607044761 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.

Site owner's environmental consultant and project LEP

Contact Name:	Tighe & Bond		
Contact Person:	James T. Olsen PG, LEP	Title: Vice President	
Contact E-mail:	JTOlsen@TigheBond.com	Contact Phone: 8607044761	Ext.
Mailing Address:	213 Court Street, Suite 1100		
City/Town:	Middletown	State: CT	Zip Code: 6457

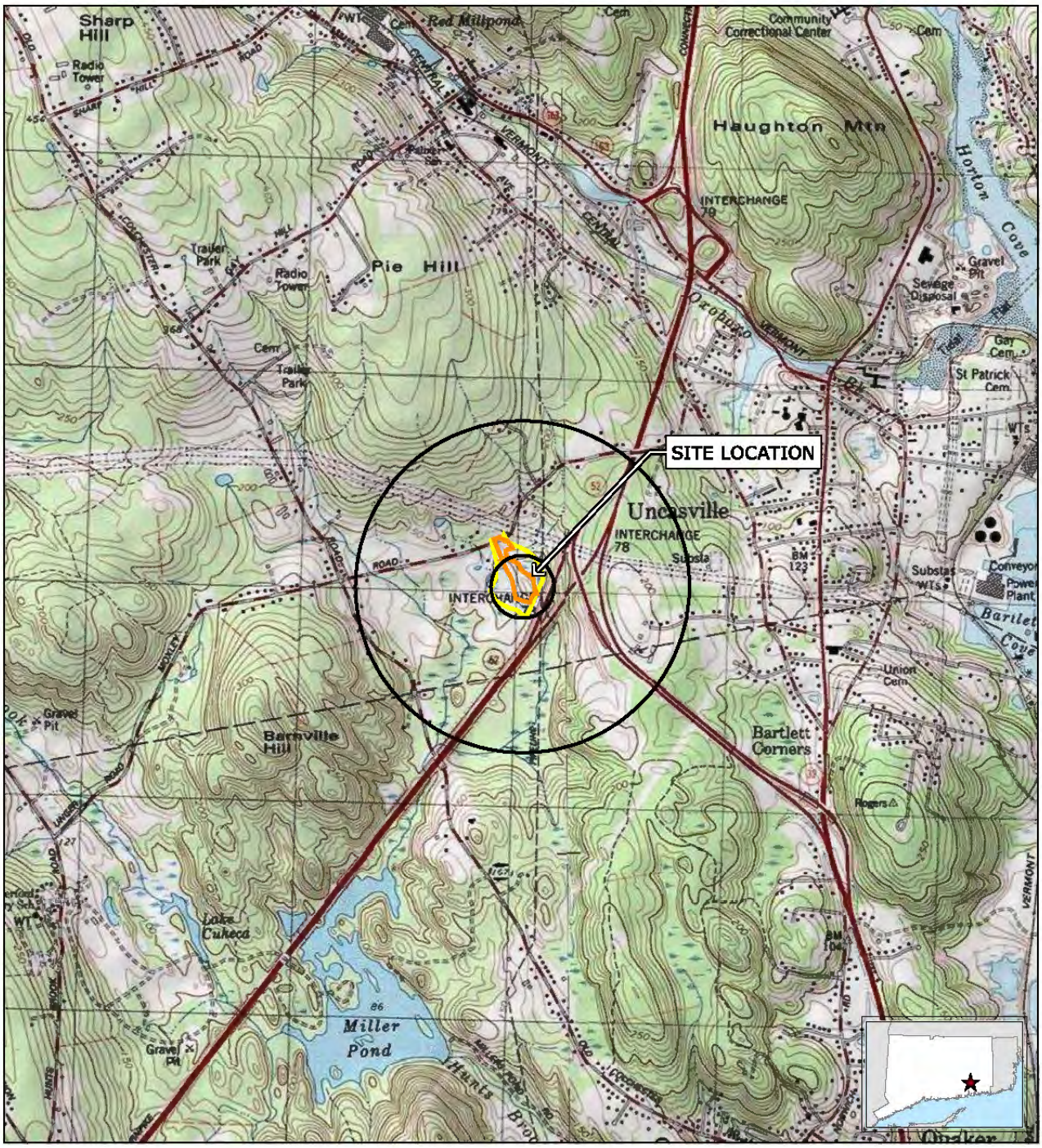
Part VI – Signature of Property Owner or Entity Acting on Owner's Behalf

"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."

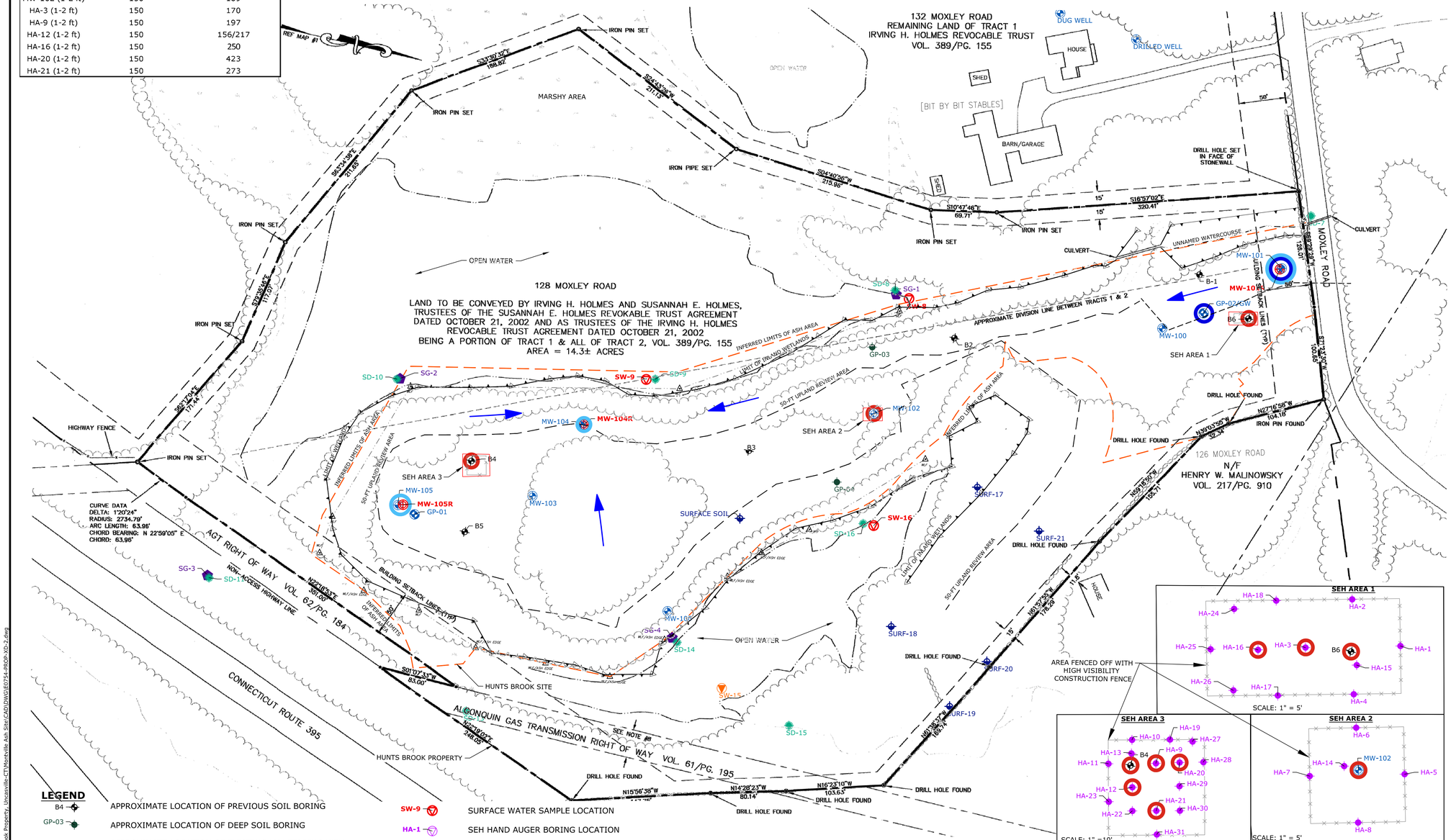
Name: James T. Olsen PG, LEP Title (if applicable): Vice President

Signature J.T.Olsen Date: 5/23/23

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


SITE LOCATION
Sharp Hill
Radio Tower
Red Millpond
Community Correctional Center
Haughton Mtn
Horton Cove
INTERCHANGE 79
Pie Hill
Trailer Park
Radio Tower
Gravel Pit
Sewage Disposal
Gay Cem.
St Patrick Cem.
Uncasville
INTERCHANGE 78
Substa
BM 123
Substas
Conveyor
Power Plant
Barlett Cove
Union Cem.
Barnsville Hill
Gravel Pit
Bartlett Corners
Rogers
Lake Cuheca
Miller Pond
Hunts Brook
VERMONT
Approximate Property Boundary
Approximate Site Boundary
Tighe&Bond
Based on USGS Topographic Map for Montville, Uncasville, CT
Contour Interval Equals 10 Feet.
Circles Indicate 500-foot and half-mile radii
1 inch = 2,000 feet
0 1,000 2,000
Feet
N
FIGURE 1
SITE LOCATION MAP
Hunts Brook Site/Property
128 Moxley Road
Montville, CT
May 2021
V:\Projects\E\E0754\131-128MoxleyRoad\SiteLocus128MoxleyRd_WellRadius.mxd [Exported By: SCantwell, 5/3/2021, 2:20:10 PM]
E-0754

Sample ID	Arsenic SEH Condition Notification Threshold 15 time RES DEC (mg/Kg)	Concentration (mg/Kg)
B-4 (1-2 ft)	150	195
B-6 (1-2 ft)	150	179
MW-102 (1-2 ft)	150	189
HA-3 (1-2 ft)	150	170
HA-9 (1-2 ft)	150	197
HA-12 (1-2 ft)	150	156/217
HA-16 (1-2 ft)	150	250
HA-20 (1-2 ft)	150	423
HA-21 (1-2 ft)	150	273



LEGEND

- B4 — APPROXIMATE LOCATION OF PREVIOUS SOIL BORING
- GP-03 — APPROXIMATE LOCATION OF DEEP SOIL BORING
- MW-100 — APPROXIMATE LOCATION OF EXISTING MONITORING WELL (2007 INSTALLED)
- GP-01 — APPROXIMATE LOCATION OF DEP SOIL BORING AND MONITORING WELL
- SD-15 — PREVIOUS SEDIMENT SAMPLE LOCATION
- SURF-18 — PREVIOUS SURFACE SOIL SAMPLE LOCATION
- SW-15 — PREVIOUS SURFACE WATER SAMPLE LOCATION
- SG-4 — PREVIOUS STAFF GAUGING LOCATION
- MW-104R — REINSTALLED MONITORING WELL (DECEMBER 2019)
- SW-9 — SURFACE WATER SAMPLE LOCATION
- HA-1 — SEH HAND AUGER BORING LOCATION
- INFERRED GROUNDWATER FLOW DIRECTION
- TREE LINE
- WETLAND
- WATERCOURSE
- 50-ft WETLAND REVIEW AREA
- APPROXIMATE LIMIT OF COAL ASH AREA (SITE)
- PROPERTY BOUNDARY
- OPEN WATER

SIGNIFICANT ENVIRONMENTAL HAZARD (SEH) CONDITIONS

- SHALLOW SUBSURFACE SOIL WITH ARSENIC DETECTION ABOVE THE SEH NOTIFICATION THRESHOLD CONCENTRATION WITHIN TOP 2 FEET OF SOILS
- METALS DETECTED IN GROUNDWATER ABOVE THE GROUNDWATER PROTECTION CRITERIA WITHIN 500 FEET IN AN UPGRADIENT DIRECTION, OR WITHIN 200 FEET IN ANY DIRECTION, OF A PRIVATE DRINKING WATER SUPPLY WELL
- GROUNDWATER EXCEEDS 10-TIMES THE LISTED ACUTE AQUATIC LIFE CRITERIA LISTED IN THE CTDEEP'S WQSS

NOTES

1. BASE SURVEY BASED ON DRAWING TITLED "PERIMETER SURVEY-LAND TO BE CONVEYED BY IRVING H. HOMES AND SUSANNAH E. HOLMES REVOCABLE TRUST" DATED 1/6/2006 BY NORTHEAST UTILITIES SERVICE CO.
2. SAMPLE LOCATIONS BASED ON DRAWING TITLED "FIGURE 7 CONCEPTUAL SITE MODEL" DATED 05/03/2007 BY VANASSE HANGEN BRUSTLIN, INC. (VHB)
3. INFERRED GROUNDWATER FLOW DIRECTION BASED ON GROUNDWATER GAUGING DATA OBTAINED BY TIGHE & BOND ON JULY 28, 2020.

Tighe&Bond
Engineers | Environmental Specialists
213 Court Street
Suite 1100
Middletown, CT 06457
(860) 704-4760

HUNTS BROOK PROPERTY

CONNECTICUT LIGHT & POWER COMPANY dba EVERSOURCE ENERGY
128 MOXLEY ROAD
MONTVILLE, CT

MARK	DATE	DESCRIPTION

PROJECT NO:	E-0754
DATE:	05/12/2021
FILE:	E0754-PROP-XD-2.dwg
DRAWN BY:	BPC/JLL
CHECKED:	JTO
APPROVED:	JTO

SITE SURVEY, EXPLORATION LOCATIONS, AND SEH SURFICIAL SOIL SAMPLING PLAN

SCALE: 1" = 50'

FIGURE 2

Last Saved: 5/12/2021
Plotted On: May 13, 2021 - 2:47pm By: BCaswell
File: K:\Projects\E0754 - Eversource EA113\0- Hunts Brook Property, Uncasville-CT\Montville Ash Site\CAD\DWG\E0754-PROP-XD-2.dwg

Photographic Log-
Fenced Areas Surrounding SEH Surficial Soil Locations

Client: The Connecticut Light & Power CO. dba Eversource Energy **Job Number:** 145042243
Site: Hunts Brook Property

Photograph No.: 1	**Date:** 5/2/23	**Direction Taken:** East
Description: High-visibility fencing and signage around B-6 SEH surficial soil location (SEH Area 1)		



Photograph No.: 2	**Date:** 5/3/23	**Direction Taken:** North
Description: High-visibility fencing and signage around MW-102 SEH surficial soil location (SEH Area 2)		



Photographic Log-
Fenced Areas Surrounding SEH Surficial Soil Locations

Client: The Connecticut Light & Power CO. dba Eversource Energy **Job Number:** 145042243
Site: Hunts Brook Property

Photograph No.: 3	**Date:** 5/3/23	**Direction Taken:** Southeast
Description: High-visibility fencing and signage around MW-102 SEH surficial soil location (SEH Area 2)		



Photograph No.: 4	**Date:** 5/3/23	**Direction Taken:** South
Description: Fencing and gate along Moxley Road		

