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 is to be used when submitting a document to the Connecticut SFT website. This form must be completed and included as the cover sheet of your electronic document.

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: Program Type (Select either Remediation or LUST as your Primary Program Type)

☒ Remediation Primary Program: Significant Environmental Hazard Program *Rem ID: 8557 (required)	☐ LUST UST Facility ID: (if applicable) Spill Case Number: (if known)

Part II: Site Information

Site Name: Hunts Brook Property (aka "Ash Disposal Site")
Site Address: 128 Moxley Road
City/Town: Montville (Uncasville) State: CT Zip Code: 06382

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

Program: Select Secondary 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, PCB File #, etc.)

Part III: Document Information

Remediation: SEH Notification LUST: LUST Document Type
Date of Document: 5/29/2020 Final

Part IV: Submitter Information

Name: Lynn Willey E-mail: lewilley@tighebond.com
Name of company/business this document is being submitted on behalf of: CL&P dba Eversource

EVERSOURCE ENERGY

247 Station Drive, SE 270
Westwood, MA 02090

May 29, 2020

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

Re: **Significant Environmental Hazard Notification**
The Connecticut Light and Power Company dba Eversource Energy
Hunts Brook Property, 128 Moxley Road
Montville, CT

Dear SEH Coordinator:

The Connecticut Light and Power Company (CL&P) dba Eversource Energy (Eversource) is submitting this Significant Environmental Hazard (SEH) Notification pursuant to Connecticut General Statutes (CGS) Section 22a-6u(d)-*Surface Soil Contamination that Poses Potential Direct Exposure Risk* at the CL&P Hunts Brook Property located at 128 Moxley Road, Montville, Connecticut.

In 2007, Vanasse Hangen Brustlin, Inc. (VHB), under contract to Northeast Utilities Service Company (NUSCO) and on behalf of CL&P, implemented a site investigation to assess the potential impacts of coal ash that was placed at the property during the 1960's. Analytical data generated during the 2007 Site Investigation triggered an SEH Notification reported to CTDEEP on May 29, 2007 for two SEH conditions identified at the Site: CGS Section 22a-6u(g)-*Supply Well is Threatened by a Groundwater Contamination Plume Above Groundwater Protection Criteria* and CGS Section 22a-6u(f)-*Surface Water Quality Threatened by Groundwater Contamination*. The SEH was acknowledged by CTDEEP in a letter dated June 12, 2007. The 2007 Site Investigation Report was submitted to CTDEEP on August 24, 2007.

During a review of subsurface soil analytical data contained in the 2007 Site Investigation Report, our environmental consultant identified concentrations of arsenic in soil samples collected from 1 to 2 feet below grade that exceeded the current applicable SEH Condition Notification Threshold Concentration of 150 milligrams per kilogram (mg/Kg) which was established for residential land use parcels in 2015. The concentrations of arsenic were limited to three previous boring locations, B-4, B-6 and MW-102 and were attributable to the coal ash material historically deposited at the Site. Based upon a review of the data and an abundance of caution, Eversource is submitting this SEH Notification under Section 22a-6u(d) to address the historical discovery of arsenic in surficial soils. The attached Notification has been prepared solely for Section 22a-6u(d) and does not duplicate conditions previously reported in the SEH Notification dated May 29, 2007.

As a preventative measure, Eversource had the three areas secured with high visibility fence and demarcated with warning signs as detailed in the attached SEH Notification.

If you have any questions regarding this SEH Notification, please contact me at 781-441-3807 (office), 339-987-7021 (mobile), or via e-mail at jonathan.reich@eversource.com.

Regards,

Jonathan Reich
Sr. Environmental Engineer

Connecticut Department of
Energy & Environmental Protection
Bureau of Water Protection & Land Reuse
Remediation Division

Significant Environmental Hazard Notification

Notification under CGS 22a-6u

Please print or type to complete this form in accordance with the instructions (DEEP-REM-SEH-INS-500).

If fully completed in accord with the instructions, the information in Parts III and V of this form, with supplemental information as indicated, may meet the statutory requirement to submit a plan or report along with the notification.

Send completed form to:
SIGNIFICANT ENVIRONMENTAL HAZARD PROGRAM
REMEDIATION DIVISION
BUREAU OF WATER PROTECTION AND LAND REUSE
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127

DEEP USE ONLY		
RemGIS	RemID	SEH#

*Part I - Hazard and Site Identification:

[Connecticut General Statutes (CGS) Section 22a-6u]

Pollution in or threatening a drinking water well:		☒	Surface soil contamination poses potential direct exposure risk [6u(d)]
☐	Contamination is detected in supply well and is above groundwater protection criteria [6u(b)]	☐	Volatile Organic Chemicals in groundwater threaten interior air quality [6u(e)]
☐	Contamination is detected in supply well but is below groundwater protection criteria [6u(c)]	☐	Surface water quality threatened by groundwater contamination [6u(f)]
☐	Supply well is threatened by a groundwater contamination plume above groundwater protection criteria [6u(g)]	☐	Migrating vapors pose an explosion hazard for structures or utility conduits [6u(h)]

*1. Site identification for parcel with pollution on or emanating from the parcel, causing a significant environmental hazard:

Name of Site	Hunts Brook Property (aka "Ash Disposal Site") REM ID: 8557				
Address or Location	128 Moxley Road				
City/Town	Montville (Uncasville)	State	CT	Zip Code	06382

2. Attach a copy of a topographic map with the site located thereon. MAP ATTACHED ☒

3. Date Hazard condition(s) discovered: 5/22/2020

4. If due to a recent spill, was spill notification made? YES ☐ NO ☐ / NOT A SPILL ☒

Date		DEEP contact	
Remarks			

5. If due to a UST system release, was DEEP notified? YES ☐ NO ☐ / NOT A UST RELEASE ☒

Date		DEEP contact	
Remarks			

6. For certain conditions only (see instructions):

Was oral notification to DEEP made [CGS 22a-6u(b), (h), & (f)(2)(A)]? N/A ☒ YES ☐ NO ☐ (Drinking water supply well above criteria, explosion hazard, free product breaking out to surface water)			
Date		DEEP contact	
Remarks:			
Was verification to TEP client made [CGS 22a-2u(b) & (h)]? N/A ☒ YES ☐ NO ☐ (Drinking water supply well above criteria, explosion hazard)			
Date		Contact	
Remarks:			

Part II – Party Identification and Contact Information

*1. Business/person submitting form: *Is this entity/person the site's owner?* YES ☒ NO ☐

Name	The Connecticut Light & Power Company, dba Eversource Energy				
Mailing Address	247 Station Drive, SE270				
City/Town	Westwood	State	MA	Zip Code	02090
Business Phone	781-441-3807 (office) 339-987-7021 (mobile)	Ext.		Fax	NA
Authorized Rep.	Gary Iadarola	Title	Manager Environmental Remediation		
Contact Person	Jonathan Reich	Title	Senior Environmental Engineer		
Contact e-mail^	jonathan.reich@eversource.com				

2. Owner if not listed above:

Name					
Mailing Address					
City/Town		State		Zip Code	
Business Phone		Ext.		Fax	
Contact Person		Title			
Contact e-mail^					

3. Additional Party for site (see instructions) NOT APPLICABLE ☐

Name/Firm					
Mailing Address					
City/Town		State		Zip Code	
Business Phone		Ext.		Fax	
Contact Person		Title			
Contact e-mail^					

4. Technical Environmental Professional (TEP) who identified hazard: CHECK IF NONE ☐

Firm	Tighe & Bond, Inc.				
Mailing Address	213 Court Street, Suite 1100				
City/Town	Middletown	State	CT	Zip Code	06327
Business Phone	(860)-852-5214 (office) (860)-729-7502 (mobile)	Ext.		Fax	
Contact Person	Lynn Willey	Title	Senior Environmental Scientist, PG, LEP		
Contact e-mail^	lewilley@tighebond.com				

5. Environmental consultant for mitigation or abatement, if not above TEP:

Firm					
Mailing Address					
City/Town		State		Zip Code	
Business Phone		Ext.		Fax	
Contact Person		Title			
Contact e-mail^					

6. Supplemental Information. *If the person submitting this form is not the site owner, describe that person's relationship to the site and its owner. If an entity who is not the site owner will be acting on behalf of the owner to mitigate or abate the hazard condition provide details of this agreement and identify which party will be acting.*

Part III - Hazard Information

*The law [CGS 22a-6u(j)] requires the significant environmental hazard notification include a description of the nature of the contamination or condition, the location of such contamination or condition, and any steps being taken to abate, remediate or monitor such contamination or condition.

1. How was the pollutant released?

☐ unknown	☒ landfill/wastepile	☐ septic system	☐ Tank leak: UST ☐ AST ☐
☐ spill/dumping	☐ burial	☐ dry well	☐ drums
☐ agricultural activity	☐ pit	☐ lagoon	☐ discharge

2. *What is the general nature of the contamination?

☐ petroleum/oils	☐ non-aqueous phase liquid (free product)		☒ metals	☐ sodium/salt
☐ gasoline	☐ volatile organic	☐ semivolatile organic	☐ cyanide	☐ leachate
☐ fuel oil/diesel	☐ nonchlorinated	☐ polyaromatic	☐ acid/base	☐ asbestos
☐ nitrate/fertilizer	☐ chlorinated	☐ pesticide/herbicide	☐ PCB	☐ radiation

3. **Threats to Supply Wells**

If neither impact [CGS 22a-6u(b) nor (c)] or threat [CGS 22a-6u(g)] to a drinking water supply well is identified, skip to question 4. CHECK IF NONE ☐

a. **SUPPLY WELL DATA:**
For threats to supply wells, provide detail on the following, if applicable:
- contamination above groundwater protection criteria in a supply well [CGS 22a-6u(b)]:
  - *supply well test results that identify the hazard (submit within 7 days of discovery.)
  - wells polluted with non-aqueous phase liquid (free product)
- contamination in a supply well below groundwater protection criteria [CGS 22a-6u(c)]:
  - *supply well test results that identify the hazard
  - required 30-day retest results
- groundwater contamination in a monitoring well above groundwater protection criteria [CGS 22a-6u(g)]:
  - supply well test results for abutters tested in initial 30-day response

Identify affected *and/or* sampled *drinking water supply wells*. CHECK IF NONE ☐

Address/Town	Contact Name/Phone	Supply Well Analyses (if any) [List Pollutant, Concentration, and Units]	Sample Reason: Discovery	Resample	Abutter test
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐

Attach additional sheets as needed.

b. **MONITORING WELL DATA:**
*For a groundwater plume that poses a threat to drinking water wells [CGS 22a-6u(g)], list *monitoring well* analytical data for substances with concentrations at or above the Groundwater Protection Criteria of the RSRs. CHECK IF NONE ☐

Monitoring Well ID	Pollutant	Concentration (units)	Notes

Attach additional sheets as needed.

c. For a groundwater plume [CGS 22a-6u(g)], are hydrogeologic data/maps supporting the hazard identification included? YES ☐ NO ☐

d. Include Well Receptor Survey [CGS 22a-6u(g)(3)] (also include for [CGS 22a-6u-(b)] if available at time of notification):

i. Attach a site map/ parcel map indicating the location of the drinking water supply well(s) within 500 feet. MAP ATTACHED ☐

ii. Attach an inventory of drinking water wells within 500 feet. INVENTORY ATTACHED ☐

e. Describe any actions already taken, if any, to inform well users and ensure an alternate supply of safe water to affected receptors. CHECK IF NONE ☐

Attach additional sheets as needed.

f. Attach a report [CGS 22a-6u(c)(3) and (g)(3)] that, based on any additional testing results that includes proposals, as necessary, for any further action to identify and eliminate exposure to contaminants on an ongoing basis. PLAN ATTACHED ☐

4. For **surficial soil direct exposure risk** [CGS 22a-6u(d)]:
If none, skip to question 5. CHECK IF NONE ☐

a. *List analytical data that are the basis for determining that a hazard condition exists. (Please list only the highest concentration for each pollutant above hazard criteria.)

Soil Sample Location ID	Pollutant	Concentration (units)	Notes
B-4	Arsenic	195 mg/Kg	Collected from 1 to 2 feet below grade
B-6	Arsenic	179 mg/Kg	Collected from 1 to 2 feet below grade
MW-102	Arsenic	189 mg/Kg	Collected from 1 to 2 feet below grade.

Attach additional sheets as needed.

b. Delineation of hazard extent:

i. Attach a site map indicating the specific location and extent [CGS 22a-6u(d)(3)] of the soil contamination that exceeds significant environmental hazard notification thresholds and applicable sampling locations. SITE MAP ATTACHED ☒

ii. Attach a table or show on the map the sampling data used to determine the extent of the soil that exceed the notification criteria [CGS 22a-6u(d)(3)]. TABLE ATTACHED ☒

iii. ☒ Extent not yet fully delineated

c. Distance from release area to nearest property currently used as a residence, school, park, playground, or day care: 263 feet

d. Area that exceeds SEH notification thresholds is:

i. Covered by maintained pavement N/A ☐ YES ☐ NO ☒

ii. Fenced off from general public N/A ☐ YES ☒ NO ☐

iii. ☐ No longer exempt from notification because the above conditions previously present are no longer met [CGS 22a-6u(d)(1)(C)], thus notification is required.

e. Identify notification evaluation criterion used ["DEC" means Direct Exposure Criteria]:

☐ 30x Industrial/Commercial DEC (for industrial commercial use, i.e. non-residential)

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

☒ 15x Residential DEC (for current residential use)

f. Describe interim control actions 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 boring locations, B-4, B-6 and MW-102, 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 in the Addendum located at the end of this SEH Notification.

Attach additional sheets as needed.

g. Attach a report [CGS 22a-6u(d)(3)] with recommendations for further action, including a plan, with an implementation schedule, for maintenance and monitoring of interim controls (including pavement or fences) and submittal of annual reports until the significant environmental hazard is certified abated. REPORT ATTACHED ☐

h. Voluntary notification for DEEP approval of abatement report (optional).

☐ This significant environmental hazard condition is exempt from notification under the provisions of CGS 22a-6u(e)(2)(A), (B), or (C) because abatement was completed within 90 days. However, this notification is being voluntarily submitted for approval of the abatement report and certification of hazard abatement.

Date of completion of abatement _____

Abatement achieved by:

☐ removal of soil above notification threshold

☐ rendering the soil inaccessible as defined in the RSRs

☐ remediation of the release in accordance with the RSRs

Describe actions taken to remove hazard condition REPORT ATTACHED ☐

5. For **volatilization risk** [CGS 22a-6u(e)]:
If none, skip to question 6. CHECK IF NONE ☒

a. *List analytical data that are the basis for determining that a hazard condition exists. (Please list only the highest concentration for each pollutant causing a hazard condition.)

Monitoring Well/ Soil Vapor ID	Pollutant	Concentration (units)	Notes

Attach additional sheets as needed.

b. Site Map:

i. *Attach a site map/ parcel map indicating the location of samples identifying a hazard condition exists, please include buildings within 50 feet of the hazard condition with their use identified. SITE MAP ATTACHED ☐

ii. If available, include on the maps hydrogeologic data or additional sampling that may be available to provide better delineation of the hazard condition. Attach data tables as appropriate. DATA ATTACHED ☐

c. Identify any reason for delay (pursuant to the law) in submittal of this notification:

☐ An indoor air monitoring program was implemented [CGS 22a-6u(e)(3)] and this notification is due to a subsequently identified significant environmental hazard as a result of indoor air monitoring data or is due to a failure to complete the full extent of such monitoring.

☐ A previously vacant building was reoccupied and the significant environmental hazard is still present.

☐ The pollutant for which a significant environmental hazard was identified had been in an OSHA-regulated industrial/commercial use that has now been discontinued.

d. Describe any interim measures already implemented. CHECK IF NONE ☐
(Note: If trichloroethylene was detected DEEP recommends consulting the 2015 Guidance on Trichloroethylene Developmental Risks in evaluating the site.)

Attach additional sheets as needed.

e. Attach a plan [CGS 22a-6u(e)(4)] that describes further actions that may be necessary to fully delineate potential at-risk receptors and to identify and eliminate any exposure to contaminants. PLAN ATTACHED ☐

6. For **threats to surface water** [CGS 22a-6u(f)]:
If none, skip to next part. CHECK IF NONE ☐

a. *Is this notification for the presence of non aqueous phase liquid? YES ☐ NO ☐

b. *List analytical data establishing that the condition exists. CHECK IF NO DATA ☐

Monitoring Well ID	Pollutant	Concentration (units)	Notes

Attach additional sheets as needed.

c. *Attach a table and site map showing the specific monitoring locations, analytical data, available hydrogeologic data, and their relationship and distance to the threatened surface water body. MAP ATTACHED ☐

d. Was a site specific dilution calculation made? YES ☐ NO ☐
If yes, attach the calculation on a separate sheet. ATTACHED ☐

e. Attach a plan [CGS 22a-6u(f)(3)] that describes further actions that may be necessary to fully delineate potential at-risk receptors and to identify and eliminate any exposure to contaminants. PLAN ATTACHED ☐

Part IV – Additional Information (optional, except #7 which is required by the law)

1. Voluntary Remediation/ECAF/Property Transfer filings: CHECK IF NONE ☒

Form	Date	Certifying/Verifying/Filing Party	DEEP Determination

2. DEEP staff involved with assessment or remediation of the site: CHECK IF NONE ☐

Time Period	DEEP Section	Name
January 2006 to July 2007	Remediation Section	Michael McDaniel
2019	Remediation Section	William Warzecha [Listed in CTDEEP database]

3. Reports to DEEP Emergency Response and Spill Prevention Division: CHECK IF NONE ☒

Date	UST Release or other spill?	Material Released	Quantity

4. Describe other relevant DEEP permitting or enforcement involvement: CHECK IF NONE ☒

EPA ID#: CT	DEEP-WPC #:	DEEP Inventory #:
RCRA Notifier Status:	RCRA Permit Status:	
Remarks:		

5. What environmental reports exist for the site and are available to DEEP? CHECK IF NONE ☐

Report Type	Date (mo/yr)	Preparer (Firm)	Attached? (Y/N)	Previously submitted?	DEEP Unit to which sent
Phase 1					
Phase 2	8/2007	Vanasse Hangen Brustlin,Inc. (VHB)	No	Yes	Remediation Divison
Phase 3					
Subsurface Invest. Report	4/2006	CTDEEP	No	On-file	Emergency Reponse and Spill Prevention/ Bureau of Waste Management

Do not list routine monitoring reports in this section. Attach additional sheets as needed.

6. Recurring periodic monitoring:

   a. Is this notification the result of data obtained through a periodic, recurring groundwater monitoring program being conducted at the site? YES ☐ NO ☒

   b. If yes, please identify the reason for this monitoring and the DEEP unit to which reports are made, if any.

      i. Reason: _____

      ii. DEEP Unit: _____

   c. DEEP requests that a tabular summary for the location and constituent triggering a hazard notification of historic monitoring data from the past three years is provided to better evaluate future actions that DEEP may prescribe or no action, related to this notification. DATA TABLE ATTACHED ☐

*7. Identify any *other* affected properties: CHECK IF NONE AFFECTED ☒

Address/Town	Contact Name/Phone	How is Property Affected?

Attach additional sheets as needed.

8. Describe the land use of the site and surrounding area, and identify any sensitive land uses within 1/4 mile of the site (i.e., schools, day care, public water supply wells, wetlands, etc.):

The Site is an undeveloped parcel that includes mixed woodlands and is surrounded by wetlands including ponded waters (Figures 1 and 2). The Site is primarily defined by a lobe-shaped deposit of coal ash material that was deposited in 1960's. Two unamed streams flow onto the Property from Moxley Road and empty into two ponded water areas to the west and to the east of the Site. The ponded area to the east receives stormwater drainage from Interstate I-395 and ponded waters drain through a culvert to beneath I-395 to the south/southeast.

Wetlands were mapped at the Site (Figure 2).The majority of the Site and the Property are mapped within the 100-year Federal Emergency Management Agency (FEMA) flood zone (Zone A) with the exception of the northern portion of the Site/ Property next to Moxley Road. No Natural Diversity Database (NDDB) or critical habitats are mapped for the Site/ Property. An NDDB area is mapped to the south/ southeast of the Site/ Property beneath I-395.

Adjacent land uses include: a residential dwelling to the east, residential dwelling and horse stables/farm to the west, southbound lanes of I-395 to the south/ southeast. A residence and undeveloped land are located to the north/ northwest and electric transmission line right-of way (ROW) is located to the /north northeast across Moxley Road. The adjacent residences are serviced by private water supply wells. Public water supply service is not available near the Site/Property. A farm pond and a dug well are located at the adjacent property to the west, which were tested as part of the 2007 SEH notification. A summary of water supply well survey findings within 500-feet of the Site are attached in Figure 3 (SEH Addendum)

9. Additional comments regarding the hazard condition(s):

As noted in the cover letter, concentrations of arsenic were identified in surface soils at levels exceeding the current SEH Condition Threshold Concentrations during a review of historic 2007 Site Investigation analytical data. The concentrations of arsenic were below the SEH Condition Threshold Concentration at the time of the 2007 Site Investigation. The Site Investigation was provided to CTDEEP on August 24, 2007.

NUSCO as agent for CL&P previously submitted a SEH Notification Report for two conditions, CGS-22a-6u (g)-Supply Well Is Threatened by a Groundwater Contamination Plume above Groundwater Protection Criteria (GWPC) and Section 22a-6u(f)-Surface Water Quality Threatened by Groundwater Contamination that were triggered during the 2007 Site Investigation. CTDEEP issued an Acknowledgement of the SEH Notification in a letter dated July 12, 2007. NUSCO completed sampling of the farm pond and water supply well and provided the testing results to the CTDEEP and property owner as detailed in the 2007 Site Investigation Report. A fence and warning signage was installed along Moxley Road to limit direct access to the Site.

Eversource has retained an environmental consultant, Tighe & Bond, who is currently conducting an assessment of groundwater and surface water quality for seasonal trends at select monitoring locations the Site. As part of this assessment, three conventional 2-inch monitoring wells were installed to assess if elevated metals concentrations in groundwater could be, in part, attributable to the use of smaller diameter monitoring wells during the 2007 Site Investigation. This assessment is on-going.

Attach additional sheets as needed.

Part V – Reports, Plans, and Implementation Schedule for Proposed Actions

*The law [CGS 22a-6u(j)] requires the significant environmental hazard notification include a description of any steps being taken to mitigate abate, remediate or monitor the contamination or condition. In addition the law provides for submittal (contemporaneously with the notification except for supply wells polluted above criteria) of a report of initial actions taken, as specified by law, and a plan of recommended actions. Completion of this form, accompanied by attachments as necessary for specific hazard conditions, can meet this requirement

CHECK IF PLAN OR REPORT ATTACHED ☐

Provide an implementation schedule for additional evaluation, mitigation or abatement actions:

Action or Step	Completion Date
Tighe & Bond has prepared a proposed scope of work to delineate the extent of arsenic in surficial soil impacts within the top 2-feet of soils exceeding the SEH Notification Threshold Concentration surrounding B-4, B-6 and MW-102 as shown in Figure 2 and discussed in the SEH Addendum. As an interim measure, the three areas were secured with high-visibility snow fence and warning signs as shown in photographs provided in the SEH Addendum.	September 2020.

Attach additional sheets as needed.

Describe the implementation frequency for proposed monitoring and maintenance activity:

Monitoring/Maintenance program	Frequency
The three fenced areas encircling B-4, B-6 and MW-102 will be inspected and maintained on an annual basis. Eversource will submit inspection information in the annual report on the CTDEEP's SEH Status Update Form.	Annually

Attach additional sheets as needed.

***Part VI – Signature of Notifying Party**

"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 (print or type)	Jonathan Reich	Title (if applicable)	Senior Environmental Engineer
Signature	Jonathan Reich	Date	5/29/2020

* Signifies information required by CGS Section 22a-6u.

^By providing this e-mail address you are agreeing to receive, when permissible under law, official correspondence from the DEEP, at this electronic address, concerning the subject significant hazard. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Please notify DEEP if your e-mail address changes.

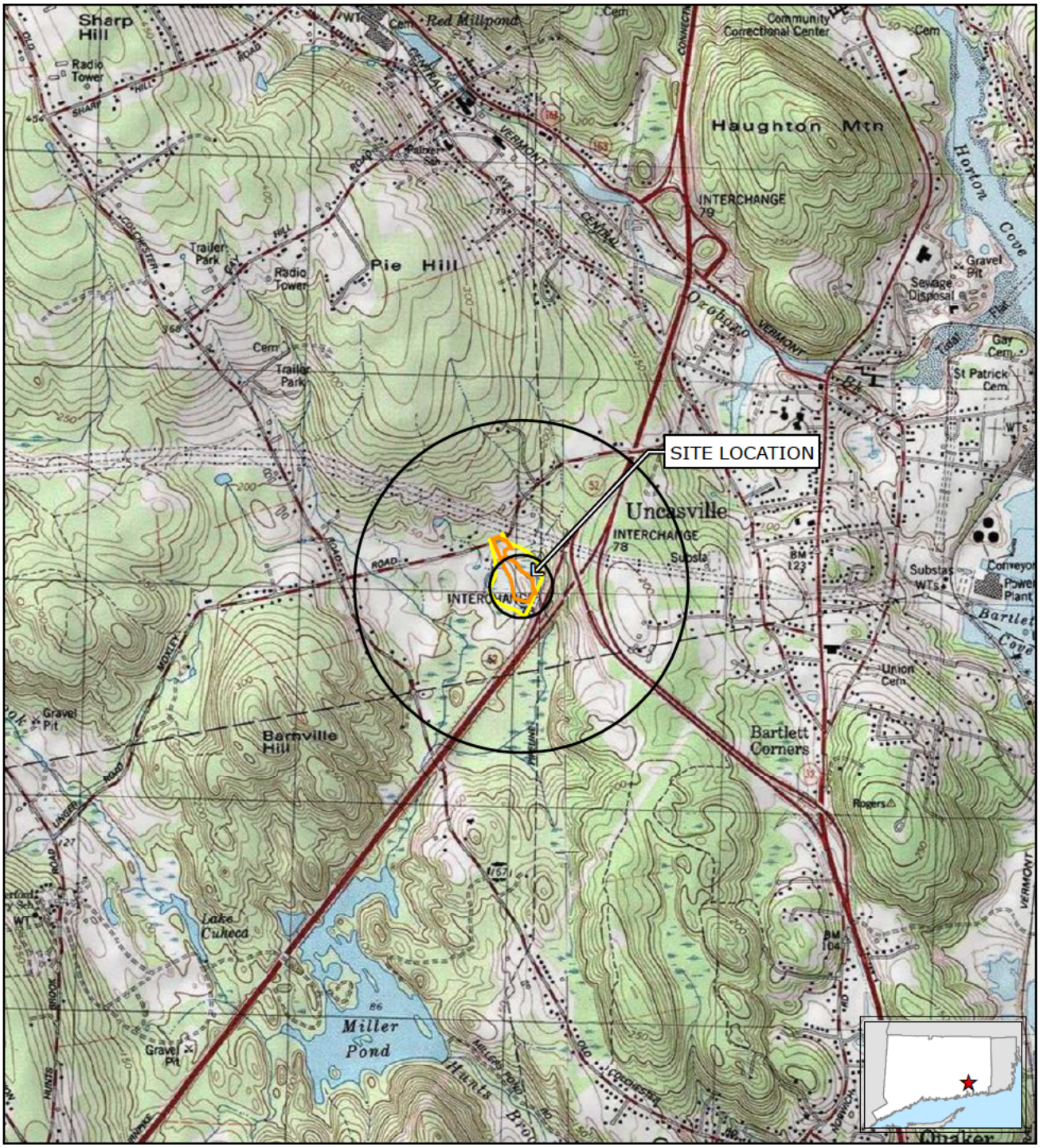
Significant Environmental Hazard Notification Addendum:
Hunts Brook Property Site (aka Ash Disposal Site (REM ID: 8557), 128 Moxley Road, Montville , CT

Figures

Figure 1: Site Location

Figure 2: Site Survey, Exploration Locations and Proposed SEH Surficial Soil Sampling Plan

Figure 3: Water Supply Well Receptor Survey Summary



Approximate Property Boundary

Approximate Site Boundary

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

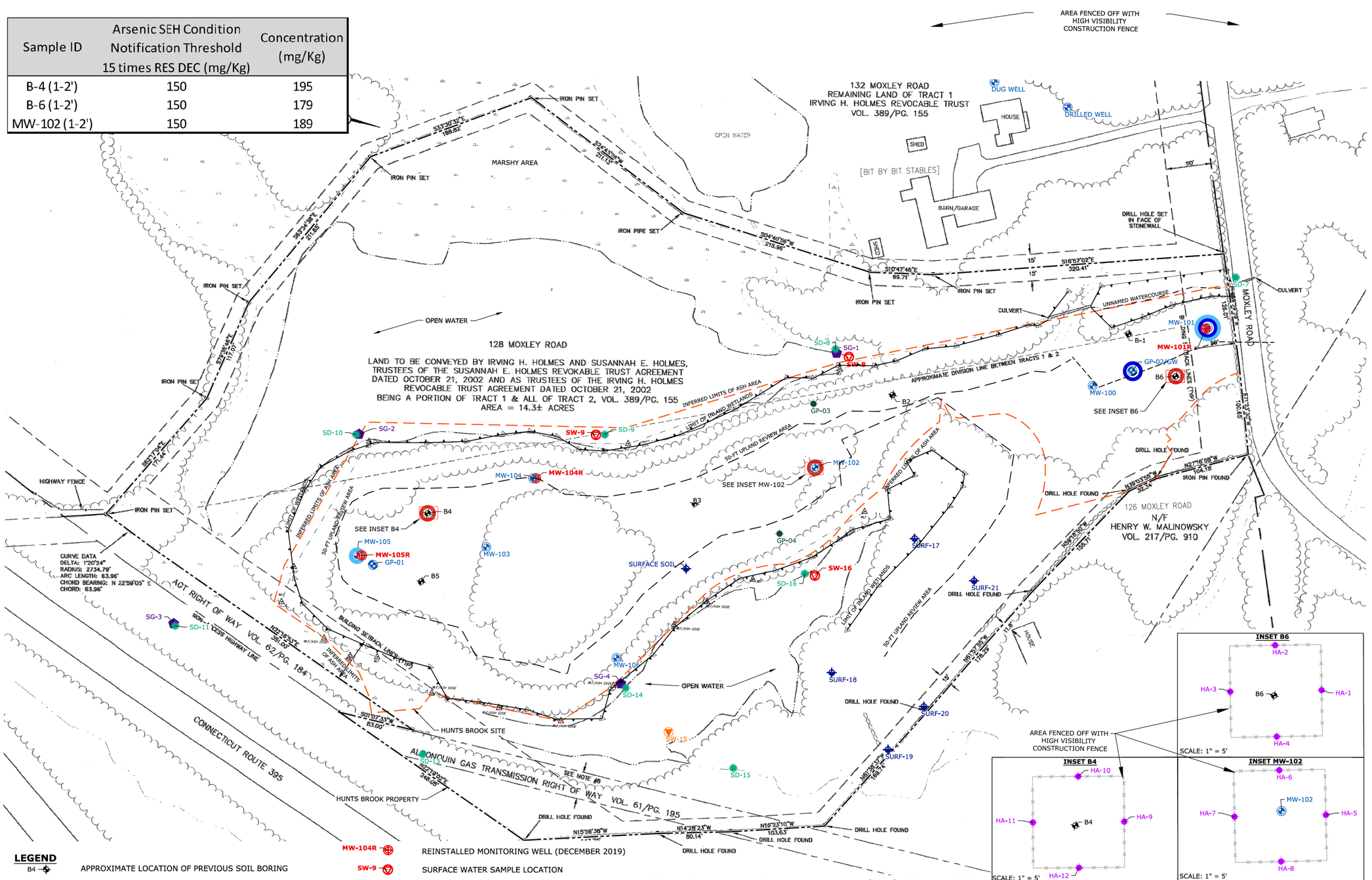
Hunts Brook Site/Property
128 Moxley Road
Montville, CT

May 2020

V:\Projects\E\E0754\131-128MoxleyRoad\SiteLocus128MoxleyRd_WellRadius.mxd [Exported By: ABC, 5/28/2020, 12:24:06 PM]

E-0754

Sample ID	Arsenic SEH Condition Notification Threshold 15 times RES DEC (mg/Kg)	Concentration (mg/Kg)
B-4 (1-2')	150	195
B-6 (1-2')	150	179
MW-102 (1-2')	150	189



LEGEND

- B4 — APPROXIMATE LOCATION OF PREVIOUS SOIL BORING
- GP-03 — APPROXIMATE LOCATION OF DEEP SOIL BORING
- MW-100 — APPROXIMATE LOCATION OF EXISTING MONITORING WELL (; INSTALLED)
- GP-01 — APPROXIMATE LOCATION OF DEP SOIL BORING AND MONITO 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 — PROPOSED SEH HAND AUGER BORING LOCATION
- 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)

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

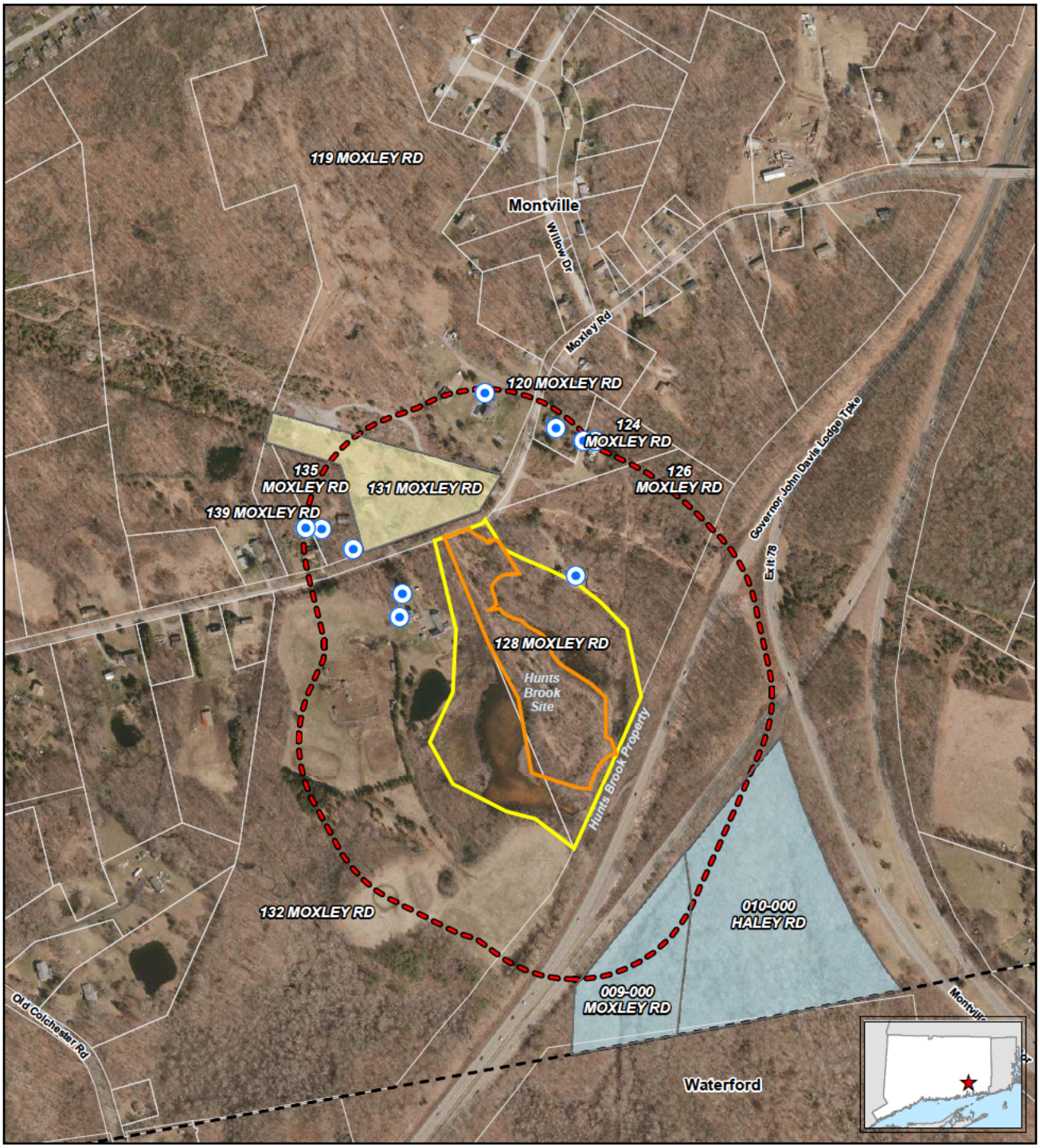
PROJECT NO:	E-0754
DATE:	05/27/2020
FILE:	E0754-PROP-XD-2.dwg
DRAWN BY:	BPC/JLL
CHECKED:	LEW
APPROVED:	LEW

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

SCALE: 1" = 50'

FIGURE 2

Last Saved: 5/27/2020
Plotted: May 28, 2020 - 9:01am By: JLL
T:\Tighe & Bond\Projects\E0754 - Eversource EA\120- Hunts Brook Property, Uncasville-CT\Montville Ash Site\CAD\DWG\E0754-PROP-XD-2.dwg



Approximate Drinking Water Well Location
Approximate Property Boundary
Approximate Site Boundary
500' Site Boundary Buffer
Parcel with No Current Well Information (Developed)
Parcel with No Current Well Information (Undeveloped)
Approximate Parcel Boundary
CT Municipal Boundary

1. Based on 2016 Statewide Orthophotography, Courtesy of CTECO.
2. Unshaded parcels within buffer zones have identified drinking water well information.
3. UNCAS Health District records searched 12/17/19
4. Water Well Completion Reports for the Town of Montville from 1977 through 2016 available from Department of Consumer Protection (DCP)
5. Parcel boundaries downloaded from CTDEEP and are approximate.
6. Site Boundary portrays changes in parcel boundary
7. Referenced from Survey Drawing 2131.

1 inch = 500 feet
0 250 500
Feet

N

Tighe&Bond

V:\Projects\E\E0754\131-128MoxleyRoad\WaterSupplyReceptorSurvey.mxd [Exported By: ABC, 5/28/2020, 12:26:47 PM]

E-0754

FIGURE 3
WATER WELL RECEPTOR SURVEY SUMMARY

Hunts Brook Site/Property
128 Moxley Road
Montville, CT

May 2020

Significant Environmental Hazard Notification Addendum:
Hunts Brook Property Site (aka Ash Disposal Site (REM ID: 8557), 128 Moxley Road, Montville , CT

Table

Table 2: Soil Boring Analytical Results, Hunts Brook Property from Site Investigation Report, Hunts Brook Property, The Connecticut Light & Power Company, 128 Moxley Road, Montville, Connecticut, dated August 2007, prepared by Vanasse Hangen Brutlin, Inc.

Table 2
Soil Boring
Analytical Results
Hunts Brook Property
Connecticut Light & Power Company
128 Moxley Road, Montville, Connecticut

Parameter	Residential DEC	Industrial / Commercial DEC	Sample Location / Sample Depth													
			MW-100				MW-101			MW-102				MW-103			
			1-2'	3-4'	9-10'	19-20'	1-2'	3-4'	9-10'	1-2'	3-4'	9-10'	12-14'	1-2'	3-4'	9-10'	16-17'
CT RSR 15 metals (mg/kg)																	
Antimony	27	8200	ND<5.13	ND<5.34	ND<5.33	ND<4.48	ND<5.00	ND<4.74	ND<4.77	ND<5.05	ND<5.15	ND<5.68	ND<4.75	ND<3.19	ND<3.46	ND<4.23	ND<2.88
Arsenic	10	10	43.7	192	111	4.81	35.7	286	ND<2.98	189	48.1	235	4.7	50.6	353	173	6.57
Barium	4700	140000	237	203	165	21.3	195	121	52.5	456	503	317	36.5	345	274	381	53.9
Beryllium	2	2	ND<0.33	ND<0.34	ND<0.34	ND<0.28	ND<0.32	ND<0.30	ND<0.30	ND<0.32	ND<0.33	ND<0.36	ND<0.30	ND<0.13	ND<0.14	ND<0.17	ND<0.12
Cadmium	34	1000	ND<0.33	2.02	1.3	ND<0.28	ND<0.32	2.73	ND<0.30	2.35	0.56	3.13	ND<0.30	0.62	5.03	2.9	0.13
Chromium	NE	NE	7.13	18.5	12.9	11.5	3.45	6.35	12.9	21.6	15.9	28.9	12.5	7.66	22.7	32.6	13
Copper	2500	76000	11.1	39.7	43.5	5.27	6.05	22.8	0.96	20.5	17	37.8	7.03	9.02	49.6	56.4	3.29
Lead	500	1000	46.3	19.9	17.6	3.33	48.3	30.9	6.22	18.8	30.1	28.3	3.59	41.2	37.7	30.4	5.06
Mercury	20	610	0.61	0.185	0.024	0.008	1.72	0.199	0.008	0.169	0.454	0.216	ND<0.006	2.16	0.073	0.611	0.018
Nickel	1400	7500	5.34	9.67	20.5	4.53	3.04	11.3	5.8	11	11.8	19.2	9.36	6.05	18.7	30.5	32.2
Selenium	340	10000	6.62	7.51	7.08	ND<5.60	8.99	12.4	ND<5.96	ND<6.31	ND<6.43	11.9	ND<5.94	9.55	ND<6.91	10.4	ND<5.76
Silver	340	10000	ND<0.65	ND<0.67	ND<0.67	ND<0.56	ND<0.63	ND<0.60	ND<0.60	ND<0.64	ND<0.65	ND<0.71	ND<0.60	ND<0.64	ND<0.70	ND<0.85	ND<0.58
Thallium	5.4	160	ND<3.85	ND<4.01	5.31	ND<3.36	ND<3.75	ND<3.56	ND<3.58	ND<3.79	ND<3.86	ND<4.26	ND<3.57	ND<3.19	ND<3.46	ND<4.23	4.52
Vanadium	470	14000	18.4	102	35.3	13.9	8.54	12.2	20.3	43.8	23.6	94.7	17.7	13.6	52.3	146	11.9
Zinc	20000	610000	9.65	18.1	31.8	33	4.83	10	20.6	21.7	22.5	36.5	46.1	9.61	20.5	41.7	56.8
pH	NE	NE	4.39	4.66	6.57	7.24	4.53	4.88	4.3	4.39	5.51	5.2	5.1	4.14	3.78	4.7	5.06
% Solids, total	NE	NE	78	75	75.1	89.4	80.2	84.4	83.9	79.2	77.8	70.5	84.2	78.6	72.4	59.2	86.8
Sulfate (mg/kg)	NE	NE	ND<250.	ND<250.	298	1760	263	413	334	434	<247.	374	<221.	ND<235.	ND<270.	6630	274

Notes:
DEC = Direct Exposure Criteria
ND = Below Laboratory Detection Limits
NE = Not Established
Numerical Value — Shaded field indicates exceedence of Residential Direct Exposure Criteria.
Numerical Value — Shaded field indicates exceedence of Industrial/Commercial Direct Exposure Criteria.
Numerical Value — Shaded field indicates exceedence of Residential and Industrial/Commercial Direct Exposure Criteria.

Parameter	Residential DEC	Industrial / Commercial DEC	Sample Location / Sample Depth									
			MW-104				MW-105			MW-106		
			1-2'	3-4'	9-10'	19-20'	1-2'	3-4'	9-10'	1-2'	3-4'	9-10'
CT RSR 15 metals (mg/kg)												
Antimony	27	8200	ND<5.06	ND<5.37	ND<6.24	ND<10.2	ND<5.29	ND<5.79	ND<5.90	ND<3.27	ND<3.32	ND<3.61
Arsenic	10	10	70.5	150	167	ND<6.34	85.2	238	184	33.8	165	179
Barium	4700	140000	359	248	239	39.4	331	373	184	294	308	583
Beryllium	2	2	ND<0.32	ND<0.34	ND<0.39	ND<0.64	ND<0.34	ND<0.37	ND<0.37	ND<0.14	ND<0.14	ND<0.15
Cadmium	34	1000	0.74	1.94	2.68	ND<0.64	0.87	2.77	2.4	ND<0.07	ND<0.07	0.23
Chromium	NE	NE	18.2	27.8	23.4	13.4	15.7	24.3	25.5	10.5	24	27.2
Copper	2500	76000	19.2	29.8	72.6	18.2	16.1	17.2	25.6	11	20.7	39
Lead	500	1000	16.5	26	22.9	5.87	78.6	36.1	22.8	43.5	25.5	24.3
Mercury	20	610	0.107	0.168	0.143	0.026	0.379	0.178	0.174	1.32	0.173	0.302
Nickel	1400	7500	12.1	18	24.1	2.29	11.4	17.3	14.2	9.45	16.4	22.3
Selenium	340	10000	ND<6.32	ND<6.71	9.19	ND<12.7	ND<6.62	10.3	ND<7.38	ND<6.54	ND<6.64	ND<7.22
Silver	340	10000	ND<0.64	ND<0.68	ND<0.78	ND<1.27	ND<0.67	ND<0.73	ND<0.74	ND<0.66	ND<0.67	ND<0.73
Thallium	5.4	160	ND<3.79	ND<4.03	ND<4.68	ND<7.61	ND<3.97	ND<4.34	ND<4.43	ND<3.27	ND<3.32	ND<3.61
Vanadium	470	14000	59.2	75	71.3	ND<12.7	64.8	66.8	83.5	31.5	85.7	85.7
Zinc	20000	610000	18.3	40.8	31.5	3.33	20.4	28.9	30.1	13.4	23.8	31.4
pH	NE	NE	3.87	3.87	4.11	4.22	3.75	3.58	3.71	3.77	3.65	5.04
% Solids, total	NE	NE	79.2	74.6	64.2	39.5	75.6	69.2	67.8	76.5	75.4	69.3
Sulfate (mg/kg)	NE	NE	271	394	10400	4820	253	347	348	ND<248.	692	6500

Notes:
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Numerical Value — Shaded field indicates exceedence of Industrial/Commercial Direct Exposure Criteria.
Numerical Value — Shaded field indicates exceedence of Residential and Industrial/Commercial Direct Exposure Criteria.

Table 2
Soil Boring
Analytical Results
Hunts Brook Property
Connecticut Light & Power Company
128 Moxley Road, Montville, Connecticut

Parameter	Residential DEC	Industrial / Commercial DEC	Sample Location / Sample Depth											
			B-1			B-2				B-3			
			1-2'	3-4'	9-10'	1-2'	3-4'	9-10'	11-12'	1-2'	3-4'	9-10'	13-14'
CT RSR 15 metals (mg/kg)													
Antimony	27	8200	ND<5.00	ND<6.08	ND<6.10	ND<5.21	ND<5.09	ND<6.75	ND<4.44	ND<5.00	ND<5.71	ND<5.85	ND<5.10
Arsenic	10	10	42.9	300	137	62.7	195	219	ND<2.78	58	324	174	3.83
Barium	4700	140000	189	245	183	307	617	254	13	289	296	406	50.1
Beryllium	2	2	ND<0.32	ND<0.38	ND<0.39	ND<0.33	ND<0.32	2.12	ND<0.28	ND<0.32	ND<0.36	ND<0.37	5.28
Cadmium	34	1000	ND<0.32	2.77	1.69	0.48	2.02	2.58	ND<0.28	0.45	3.08	1.86	ND<0.32
Chromium	NE	NE	5.87	27.6	17.7	6.85	28.3	26.4	5.77	7.55	17	21.2	25.6
Copper	2500	76000	10.2	15.2	39.1	11.1	29.9	36.7	2.84	15.6	16.3	31.8	ND<0.64
Lead	500	1000	34.8	24.4	19.4	45.9	20.4	23.6	1.56	41.4	18.5	23.1	8.87
Mercury	20	610	0.596	0.215	0.178	1.72	0.128	0.185	ND<0.006	0.318	0.111	0.143	0.017
Nickel	1400	7500	5.18	11.5	19.1	4.72	12.2	71.6	2.37	5.69	7.4	15.9	5.55
Selenium	340	10000	ND<6.25	ND<7.59	ND<7.63	7.33	ND<6.36	ND<8.43	ND<5.55	ND<6.25	ND<7.14	10.8	ND<6.37
Silver	340	10000	ND<0.63	ND<0.76	ND<0.77	ND<0.66	ND<0.64	ND<0.85	ND<0.56	ND<0.63	ND<0.72	ND<0.74	ND<0.64
Thallium	5.4	160	ND<3.75	ND<4.56	6.88	ND<3.91	ND<3.82	ND<5.06	ND<3.33	ND<3.75	ND<4.29	ND<4.39	ND<3.83
Vanadium	470	14000	23.9	117	63.2	27.1	82.6	98.6	6.5	15	49.3	85.3	53.3
Zinc	20000	610000	7.51	21.7	51.3	9.48	22.5	335	8.96	10.7	13.5	28.8	14
pH	NE	NE	4.54	4.15	5.52	4.3	4.34	5.66	5.32	4.58	4.16	5.49	5.79
% Solids, total	NE	NE	80.1	65.9	65.6	76.8	78.7	59.3	90.2	80	70.1	68.5	78.5
Sulfate (mg/kg)	NE	NE	ND<240.	534	3300	336	679	10800	288	ND<240.	460	9810	982

Notes:
DEC = Direct Exposure Criteria
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Numerical Value — Shaded field indicates exceedence of Industrial/Commercial Direct Exposure Criteria.
Numerical Value — Shaded field indicates exceedence of Residential and Industrial/Commercial Direct Exposure Criteria.

Parameter	Residential DEC	Industrial / Commercial DEC	Sample Location / Sample Depth										
			B-4				B-5				B-6		
			1-2'	3-4'	9-10'	18'	1-2'	3-4'	9-10'	17-18'	1-2'	3-4'	7.5-8'
CT RSR 15 metals (mg/kg)													
Antimony	27	8200	ND<3.27	ND<3.07	ND<3.38	ND<4.64	ND<3.28	ND<3.36	ND<3.28	ND<2.85	ND<3.38	ND<3.75	ND<3.65
Arsenic	10	10	195	135	152	ND<9.28	117	156	138	ND<5.70	179	259	ND<7.29
Barium	4700	140000	459	255	284	87.6	360	304	219	29.5	252	190	28
Beryllium	2	2	ND<0.14	ND<0.13	ND<0.14	0.89	ND<0.14	ND<0.14	ND<0.14	ND<0.12	ND<0.14	ND<0.15	ND<0.15
Cadmium	34	1000	0.07	2.53	2.34	0.12	ND<0.07	0.18	0.22	0.18	2.44	4	0.48
Chromium	NE	NE	16.6	21.6	25.9	23.1	20.1	21.3	25.1	18.8	22.6	25.8	21.7
Copper	2500	76000	14.3	67.9	40.4	2.54	10.2	90.9	35.9	5.8	21.4	52.9	5.15
Lead	500	1000	34.2	20.8	22.6	7.59	34.9	23.4	23.8	3.39	21.1	21.1	7.95
Mercury	20	610	0.399	0.13	0.151	0.051	0.302	0.145	0.232	ND<0.005	0.231	0.193	0.038
Nickel	1400	7500	14.6	20.4	20	5.52	12.4	20.3	19.9	8.89	14.2	16.5	9.49
Selenium	340	10000	13.2	ND<6.13	ND<6.76	ND<9.28	7.13	ND<6.71	ND<6.55	ND<5.70	ND<6.75	11.5	ND<7.29
Silver	340	10000	ND<0.66	ND<0.62	ND<0.68	ND<0.93	ND<0.66	ND<0.68	ND<0.66	ND<0.57	ND<0.68	ND<0.75	ND<0.73
Thallium	5.4	160	ND<3.27	ND<3.07	ND<3.38	5.37	ND<3.28	ND<3.36	ND<3.28	ND<2.85	ND<3.38	ND<3.75	5.62
Vanadium	470	14000	31	75.5	72.4	9.99	38.5	95.8	83.9	33.6	61.5	92.3	34.5
Zinc	20000	610000	22.4	19.5	31.4	9.38	20.4	30.8	31.5	29.6	20.2	29.1	53.9
pH	NE	NE	3.93	4.02	5.26	4.94	3.84	4.3	5.34	5.21	4.02	4.46	4.03
% Solids, total	NE	NE	76.7	81.6	74.1	53.9	76.3	74.6	76.4	87.9	74.2	66.7	68.6
Sulfate (mg/kg)	NE	NE	ND<241.	812	6070	2760	254	16100	13700	ND<210.	282	ND<291.	817

Notes:
DEC = Direct Exposure Criteria
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Numerical Value — Shaded field indicates exceedence of Industrial/Commercial Direct Exposure Criteria.
Numerical Value — Shaded field indicates exceedence of Residential and Industrial/Commercial Direct Exposure Criteria.

Significant Environmental Hazard Notification Addendum:
Hunts Brook Property Site (aka Ash Disposal Site (REM ID: 8557), 128 Moxley Road, Montville , CT

Site Photographic Log-Fenced Areas Surrounding SEH Surficial Soil Locations

Photographic Log-
Fenced Areas Surrounding SEH Surficial Soil Locations

Client: The Connecticut Light & Power CO. dba Eversource Energy **Job Number:** 14054120
Site: Hunts Brook Property

Photograph No.: 1	**Date:** 5/27/20	**Direction Taken:** South
Description: High-visibility fencing and signage around B-4 SEH surficial soil location		



Photograph No.: 2	**Date:** 5/27/20	**Direction Taken:** East
Description: High-visibility fencing and signage around B-6 SEH surficial soil location		



Photographic Log-
Fenced Areas Surrounding SEH Surficial Soil Locations

Client: The Connecticut Light & Power CO. dba Eversource Energy **Job Number:** 14054120
Site: Hunts Brook Property

Photograph No.: 3	**Date:** 5/27/20	**Direction Taken:** East

Description: High-visibility fencing and signage around MW-102 SEH surficial soil location



Photograph No.: 4	**Date:** 5/27/20	**Direction Taken:** South/ Southeast

Description: Signage at entrance gate along Moxley Road



Significant Environmental Hazard Notification Addendum:
Hunts Brook Property Site (aka Ash Disposal Site (REM ID: 8557), 128 Moxley Road, Montville , CT

Proposed SEH Surficial Soil Delineation Plan

Tighe & Bond has prepared the following proposed SEH surficial soil delineation work plan to delineate concentrations of arsenic exceeding the SEH Condition Notification Threshold Concentration for Residential Land Use of 150 mg/Kg at previous soil boring locations B-4, B-6 and MW-102. Eversource is in the process of procuring Tighe & Bond to complete the delineation of SEH conditions in surficial soils.

Work Plan

Tighe & Bond is proposing the advancement of twelve hand auger locations (HA-01 through HA-012) to delineate concentrations of arsenic exceeding the SEH Notification Threshold Concentration of 150 mg/Kg at previous B-4, B-6 and MW-102 sampling locations (Figure 2).

Tighe & Bond will mark-out the Moxley Road right-of-way (ROW) in front of the Property with white paint for proposed investigations. Connecticut's public utility mark-out service, Call Before You Dig (CBYD), will be notified at least 3-business days prior to completing the work.

Soil sampling will be completed using manual hand sampling tools, including either a hand auger, post hole digger and/or shovel. Each boring is proposed to be advanced to 2 feet below grade. Soil samples will be logged by a Tighe & Bond field representative for lithology and presence fill materials (i.e., coal ash). Soil samples will be collected from each location at 1-foot intervals (e.g., 0 to 1 foot and 1 to 2 feet) to a maximum depth of two feet below grade. In addition, one soil sample will be collected from the ground surface to 1 foot below grade at B-4, B-6 and MW-102 locations to assess concentrations of arsenic in surface soils at the locations. One blind duplicate will be collected for quality control purposes. The sampling equipment will be decontaminated between boring locations.

Each soil sample will be collected into laboratory-provided soil jars and placed in an ice-filled cooler once collected. Soil samples will be maintained under a chain-of-custody prior to delivery to Con-Test Analytical Laboratories (Con-Test) in East Longmeadow, Massachusetts. Con-Test is a Connecticut Department of Health-approved Environmental Laboratory and the Eversource- on-call environmental laboratory for the project.

Each soil sample will be analyzed for total arsenic via EPA Method 6010D using CTDEEP Reasonable Confidence Protocols (RCP). A blind duplicate sample will be completed as a quality assurance/ quality control (QA/QC) measure.