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*: 6607	Spill Case Number: (if known)

Part II: Site Information

Site Name*: Ridgefield Rails-To-Trails
Site Address*: Prospect Street to Florida Road
City/Town*: Ridgefield State: CT Zip Code: 06879

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

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*:
Date of Document*: 5/24/2022 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: *
Eversource Energy Service Company

EVERSOURCE ENERGY

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

May 24, 2022

Ms. Carolyn Fusaro
Remediation Division
Bureau of Water Protection and Land Reuse
Department of Energy and Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Reference: **Ridgefield Rails-to-Trails**
REM ID: 6607, SEH ID: 81
Significant Environmental Hazard Status Update Form: Soil

Dear Ms. Fusaro:

The Connecticut Light and Power Company dba Eversource Energy (Eversource) submits the enclosed *Significant Environmental Hazard (SEH) Status Update Form: Soil* for the Ridgefield Rails-to-Trails located between Prospect Street and Florida Road in Ridgefield, Connecticut (the Site).

An SEH Notification (SEHN) was submitted to the Connecticut Department of Environmental Protection (CT DEP, now Connecticut Department of Energy and Environmental Protection) on December 14, 1998. The SEHN reported that shallow soils (upper two feet) have been impacted with arsenic at a concentration that exceeds the SEH criteria. Remedial activities were conducted as part of a rails-to-trails construction project which was initiated in September 2000 and completed in December 2000. A liner system, comprised of stone screenings and processed aggregate over a geocomposite, geomembrane and geotextile, was installed as a protective cap on the entire former railroad bed between Prospect Street and Florida Road. As such, the SEH condition has been mitigated.

In July 2014, Fuss & O'Neill Engineers, Inc. developed a Maintenance and Observation Plan for the Site designed to reduce the risk of liner exposure by identifying and addressing potential problems before they materialize. Semi-annual inspections in April and October have been completed to visually check drainage systems, erosion on trail surfaces, stability of trail slopes, accumulated sediment in swales, and vegetative growth. Based upon these inspections, periodic maintenance and repair activities have been performed as required.

As mentioned in the 2021 submittal, no maintenance or repair activities were recommended based upon the April 27, 2021 inspection. However, during the summer of 2021, several heavy rain events and large volumes of storm water impacted the trail. The trail surface was washed out revealing the top of the liner between monopole 3305 and Ivy Hill Road. A landslide occurred from a slope adjacent to the trail which resulted in material being deposited on the trail near monopole 3299. In addition, a reoccurring off-site condition involving a street storm water drainage system and subsequent slope scouring at a private property has resulted in material being deposited within the swale adjacent to the trail. This condition has caused storm water to pass over the trail near monopole 3298 and create additional scour to the other side of the trail toward other private residences and the wetlands. In 2019, Eversource temporarily addressed this same issue by removing the material to reestablish the swale. In December 2021, Eversource met with the Town of Ridgefield to discuss this issue and the Town is planning to address it.

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

In December 2021, engineers from GEI Consultants evaluated the conditions along the trail and designed temporary, preventative, and more permanent repair measures at these impacted areas and other areas. Eversource and GEI oversaw Moran Environmental Recovery perform the repairs. Photographs of the damage observed in October 2021 and conditions after repairs observed in April 2022 are provided in Attachment 1. Based upon the most recent inspection performed by Eversource on April 28, 2022, additional maintenance or repair activities will be planned in 2022. The next semi-annual inspection is scheduled to take place in October 2022. If you have any questions or require additional information regarding this submittal, please contact me at drew.blicharz@eversource.com or (860) 665-5751.

Sincerely,
Eversource Energy Service Company

Drew P. Blicharz, CHMM
Senior Environmental Specialist – Remediation

Enclosure: Significant Environmental Hazard (SEH) Status Update Form: Soil
Attachment 1 - Photographs

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: Ridgefield Rails-to-Trails (REM ID 6607/SEH ID 81)

Address or Location: Between Prospect Street and Florida Road

City/Town: Ridgefield State: CT Zip Code: 06879

Date(s) DEEP was notified: 12/14/98 DEEP Case Manager (if known): CAROLYN FUSARO

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: 4/4/01

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 ☐

A liner system, comprised of stone screenings and processed aggregate over a geocomposite, geomembrane and geotextile, serves as a protective cap on the entire railroad bed where the trail has been created.

C. Inspection and Maintenance of Mitigation Measures

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

4/28/22	2/23/21	12/13/21	10/27/21

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: 4/28/22 PHOTOS ATTACHED ☒

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

During the summer of 2021, heavy rain events and large volumes of storm water impacted the trail and repairs were completed. 1)The trail surface was washed out revealing the top of the liner between MP 3305 and Ivy Hill Road. The swale was excavated to reestablish flow toward the drainage system and the trail surface was restored. 2)A landslide occurred from a slope adjacent to the trail which resulted in material being deposited on the trail near MP 3299. The swale was excavated, concrete blocks were placed to reinforce the slope, and the trail surface was restored. 3)A reoccurring off-site condition involving a street storm water drainage system and subsequent slope scouring at a private property resulted in material deposited within the swale adjacent to the trail. This condition caused storm water to cross the trail near MP 3298 and flow across residential property toward wetlands. The swale was excavated and the trail surface was restored.

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)
Ridgefield SEH Hazard Evaluation Completion Report	Timothy Keeney	4/4/01	BWM-PERD

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: Drew P. Blicharz Title: Senior Environmental Specialist

Contact E-mail: drew.blicharz@eversource.com Contact Phone:8606655751 Ext.

Mailing Address: 107 Selden Street

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

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

Name: Title:

Firm:

E-mail: Phone: Ext.

Mailing Address:

City/Town: State: Zip Code:

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): Senior Environmental Specialist

Signature Drew Blicharz Date: 5/24/2022

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

Ridgefield Rails-to-Trails
SEH Status Update Form: Soil

PHOTOGRAPHS

Semi-annual Site Inspections
October 27, 2021 and April 28, 2022

Between Monopole 3305 and Ivy Hill Road

October 2021



April 2022



Near Monopole 3299

October 2021



April 2022



Near Monopole 3298

October 2021



April 2022

