EVERSOURCE ENERGY

Environmental Affairs Department
107 Selden Street
Berlin, CT 06037

May 30, 2019

Ms. MaryAnne Danyluk
Department of Energy and Environmental Protection
Remediation Division
79 Elm Street
Hartford, CT 06106-5127

Reference: **Former Winsted Manufactured Gas Plant**
Significant Environmental Hazard Status Update Form: Soil

Dear Ms. Danyluk:

The Connecticut Light and Power Company (CL&P) doing business as (dba) Eversource Energy Service Company, Inc. (Eversource) submits the enclosed Significant Environmental Hazard (SEH) Status Update Form: Soil for the Former Winsted Manufactured Gas Plant (MGP) located at 276 Main Street in Winsted, Connecticut (the Site).

A SEH notification (SEHN) was submitted to the Connecticut Department of Environmental Protection (CT DEP) on January 18, 1999. The SEHN reported that shallow surface soils (upper two feet) have been impacted with benzo(a)pyrene at concentrations that exceed the SEH criteria. The affected soils are located beneath an asphalt cover, the integrity of which has been monitored annually and intact since the notification.

Correspondences related to this matter are included as attachments. If you have any questions or require additional information regarding this submittal, please contact me at (860) 665-5751.

Very truly yours,

Eversource

Drew P. Blicharz, Environmental Specialist for
Gary Iadarola, Manager – Environmental Remediation Group

Enclosure

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: Former Winsted Manufactured Gas Plant

Address or Location: 276 Main Street (corner of Case Ave and Gay St)

City/Town: Winsted State: CT Zip Code: 06098

Date(s) DEEP was notified: 1/18/99 DEEP Case Manager (if known): MARYANNE DANYLUK

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 ☒

Sample location C1 is located in the True Value Hardware store asphalt parking lot area and sample location F1 is located in Eversource's asphalt yard area.

C. Inspection and Maintenance of Mitigation Measures

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

5/23/19			

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: 5/23/19 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: Eversource Energy Service Company, Inc.

Contact Person: Drew P. Blicharz Title: 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: Not Applicable 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:

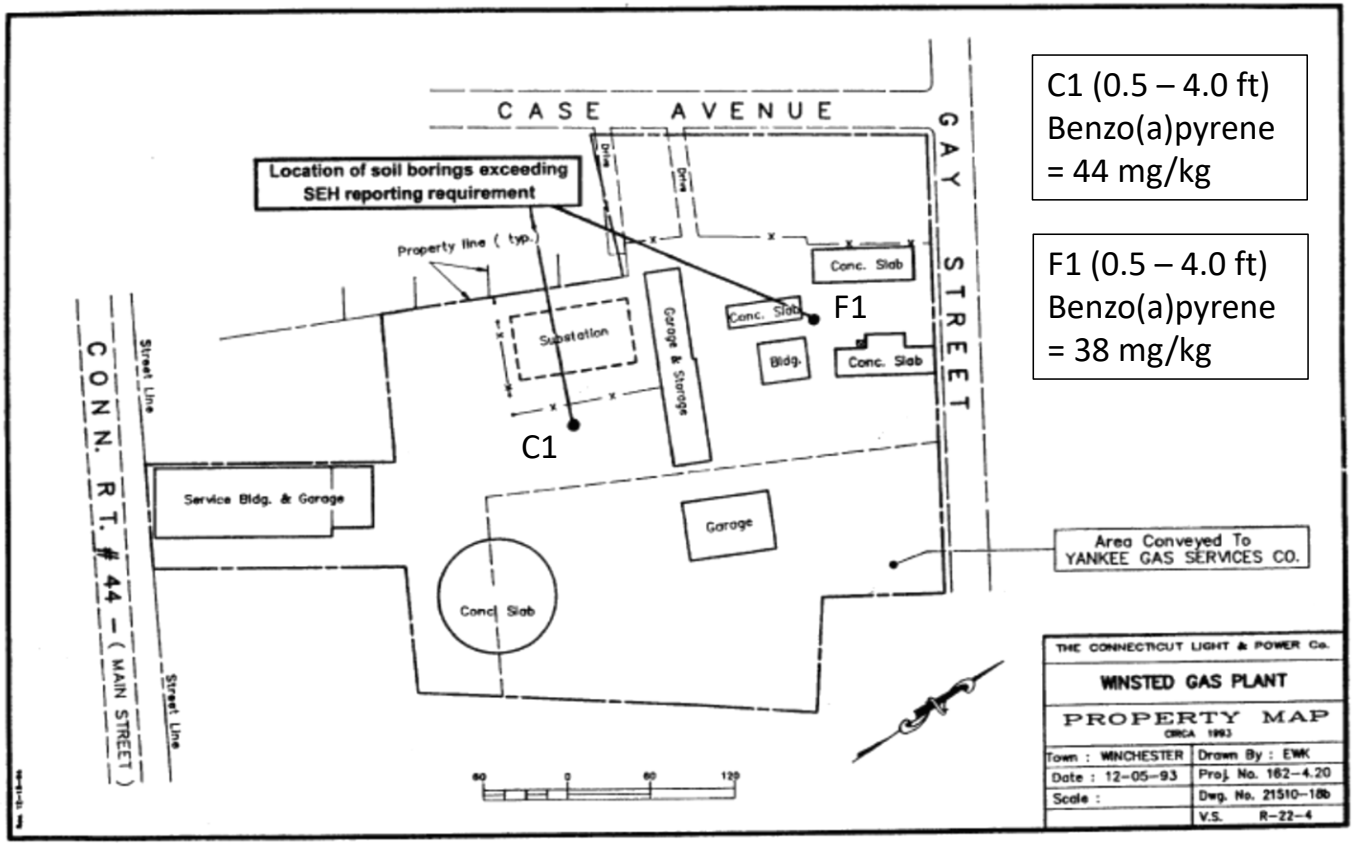
Part VI – Signature of Property Owner or Entity Acting on Owner's Behalf

"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): Environmental Specialist

Signature Drew Blicharz Date: 5/30/2019

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



Note: This Figure is not to scale.

Former Winsted MGP
SEH Status Update Form - Soil

Photographs

May 23, 2019

Sample Location

C1 (0.5 – 4.0 ft)

benzo(a)pyrene = 44 mg/kg





Sample Location

F1 (0.5 – 4.0 ft)

benzo(a)pyrene = 44 mg/kg







Northeast Utilities System

107 Selden Street, Berlin, CT 06037

Northeast Utilities Service Company
P.O. Box 270
Hartford, CT 06141-0270
(860) 665-3848
Fax (860) 665-3777
keenetr@nu.com

Timothy R. E. Keeney
Director - Environmental Services

January 18, 1999

D13815

Significant Environmental Hazard Reports
BWM - PERD
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Dear Sir:

The Connecticut Light & Power Company
Former Winsted Manufactured Gas Plant
Significant Environmental Hazard Report

As required by PA 98-134, The Connecticut Light and Power Company submits a Significant Environmental Hazard Report for the former Winsted Manufactured Gas Plant located in Winsted, Connecticut. The potential hazard identified is the result of the presence in soil of polynuclear aromatic hydrocarbons (PAHs) associated with historic operation of the gas plant. The affected soils are located beneath an asphalt cover.

If you have any questions regarding this notification, please call Mr. Paul J. Boison, Northeast Utilities Service Company - Environmental Health and Safety Department at (860)665-3127.

Very truly yours,

THE CONNECTICUT LIGHT AND POWER COMPANY

Timothy R. E. Keeney

Enclosures

OS6349 9-98

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER MANAGEMENT
PERMITTING, ENFORCEMENT & REMEDIATION DIVISION
79 ELM STREET, HARTFORD, CT 06106-5127

Significant Environmental Hazard Report

Notification under PA 98-134

Please complete this form in accordance with the instructions (DEP-PERD-EHR-INS-100). Print or type unless otherwise noted.
If necessary use addendum pages and check box: o

DEP USE ONLY
o **Acknowledged**
o **Assigned**
o **Phone: Date** **Time**

Part I - Site Information*

1. Site identification for source of pollution causing an environmental hazard:

Name of Site*	Winsted Former Manufactured Gas Plant				
Address or Location*	276 Main St. (corner of Case Avenue and Gay Street)				
City/Town*	Winsted	State	CT	Zip Code	06098
EPA ID#		DEP-WPC #		DEP Inventory #	

2. Attach a copy of a topographic map with the site located thereon. map attached ⊗

3. Business/person submitting form*: Check if: ⊗ Property Owner o TEP Client

Name	Northeast Utilities Service Company				
Mailing Address	P.O. Box 270				
City/Town	Hartford	State	CT	Zip Code	06141-0270
Business Phone	(860)665-3848	Ext.		Fax	(860)665-3777
Authorized Rep.	Mr. Timothy R. E. Keeney	Title	Director - Environmental Services		
Contact Person	Mr. Paul J. Boison	Title	Senior Scientist		

4. Owner of site, if different from above:

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

Part I - Site Information (continued)

5. Operator/Tenant at site, if different from owner:

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

6. TEP making determination environmental hazard exists: Check if none o

Firm	Northeast Utilities Service Company				
Mailing Address	P.O. Box 270				
City/Town	Hartford	State	CT	Zip Code	06141-0270
Business Phone	(860)665-3127	Ext.		Fax	(860)665-3777
Contact Person	Mr. Paul J. Boison	Title	Senior Scientist		

7. Environmental consultant for mitigation activity, if not above TEP Check if none ⊗

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

Part II - Hazard Summary*

1. Hazard condition identified*: (check appropriate box)

⊗	Surface soil contamination	Drinking water supply well:	
o	Volatile organic compounds beneath a building	o	Contamination above groundwater protection criteria
o	Surface water threatened	o	Contamination detected
o	Explosion threat	o	Threatened

2. Attach a sketch map indicating location of contamination or condition location on site* Map attached ⊗

Part II - Hazard Summary (continued)

3. How was the pollutant released?

o	unknown	o	landfill/wastepile	o	septic system	o	UST leak
o	spill/dumping	⊗	burial	o	dry well	o	drums
o	agricultural activity	o	pit	o	lagoon	o	discharge

4. What is the general nature of the contamination?

o	petroleum/oils	organic chemicals:				o	metals	o	sodium/salt
o	gasoline	o	volatile	o	semivolatile	o	cyanide	o	leachate
o	fuel oil/diesel	o	nonchlorinated	⊗	polyaromatic	o	acid/base	o	asbestos
o	nitrate/fertilizer	o	chlorinated	o	pesticide/herbicide	o	PCB	o	radiation

5. *For drinking water supply above criteria and explosion threat only*:

Was oral notification to DEP made?		o No o Yes			
Date		Time		DEP contact	
Was verification to TEP client made?		o No o Yes			
Date		Time		Contact	

6. If the release is due to a spill was spill notification made? o No o Yes ⊗ Not a spill

Date		Time		DEP contact	

7. Identify any affected or threatened drinking water supply wells*: Check if none affected ⊗

Address/Town*	Contact Name/Phone	Pop-ulation	Pollutant† and Concentration in Well*

Attach additional sheets as needed

† see instruction for pollutant codes, list well analyses only; if threatened well due to groundwater plume within 500 ft. indicate "THREATENED" and complete next section also

Part II Hazard Summary (continued)

8. *For a groundwater contamination plume which is a hazard*: Check if none ⊗
List pollutants present in plume above criteria and highest concentrations detected*:

Pollutant†	Concentration	Pollutant†	Concentration

Attach additional sheets as needed † see instruction for pollutant codes

9. Identify any other affected properties*: Check if none affected ⊗

Address/Town*	Hazard, Pollutant† & Concentration*	Contact Name	Phone

Attach additional sheets as needed † see instruction for pollutant codes

10. Describe the land use of the site and surrounding area, and identify any sensitive land uses within 1/4 mile of the site:

The surrounding landuse is predominantly commercial and residential. The property includes an active substation and unmanned garages. A retail tenant occupies the site's former office/service building, which fronts Main Street. The Mad River (Class Bc) is located approximately 400 feet south of the area of concern. Two schools (Saint Anthony's, Pearson Middle School) and one athletic field (Walker Field) are located within ¼ mile of the site.

11. Additional comments regarding the hazard:

Based on 72 soil samples from 36 test borings obtained from across the site, two samples exceeded reporting requirement thresholds. These two samples yielded concentrations of 38 mg/Kg and 44 mg/Kg of benzo(a)pyrene. The reporting requirement threshold for benzo(a)pyrene is 30 mg/Kg. The impacted soils, obtained from 0.5 - 4.0 feet below grade, are located beneath an asphalt pavement cover.

Attach additional sheets as required

Part III - Past DEP Involvement (OPTIONAL)

1. Property transfer filings: Check if none o

Form (I-IV)	Date	Transferor

Part III - Past DEP Involvement (OPTIONAL) (continued)

2. Voluntary remediation/ECAF filings: Check if none ⊗

Date	Filing Party	DEP determination

3. DEP staff involved with assessment or remediation of the site: Check if none ⊗

Time Period	DEP Section	Name

4. Past enforcement actions regarding remediation: Check if none ⊗

Agency (EPA/DEP)	Action Type and Number	Date	Name of Party	Purpose and Status

5. Releases previously reported to CT DEP Oil & Chemical Spills Division: Check if none o

Date	Material Released	Quantity

6. Describe other relevant DEP involvement: Check if none ⊗

RCRA Notifier Status	RCRA Permit Status

7. What environmental reports exist for the site and are available to DEP? Check if none o

Type of Report	Date (mo/yr)	Preparer	Attached? (Y/N)	Previously submitted?	DEP Unit to which sent
Field investigation/ Environmental Assessment					
Phase I					
Phase 2	05/1989	Northeast Utilities	N	Yes	Water Compliance
Phase 3					

Part IV - Actions to Abate Hazard* Check if plan or report attached o

Describe actions taken to abate hazard condition*: Check if none ⊗

No action has been taken, however, the impacted soil is located beneath an asphalt pavement cover.

Describe actions to be taken to abate hazard condition*: Check if none o

Analytical results of the recently completed subsurface soil sampling program are currently being evaluated. These data will be summarized and provided to the DEP. Discussions with the Town of Winsted and Yankee Gas Services regarding potential brownfield redevelopment of the property are on-going. Any future re-use of the site will address environmental issues and applicable DEP requirements.

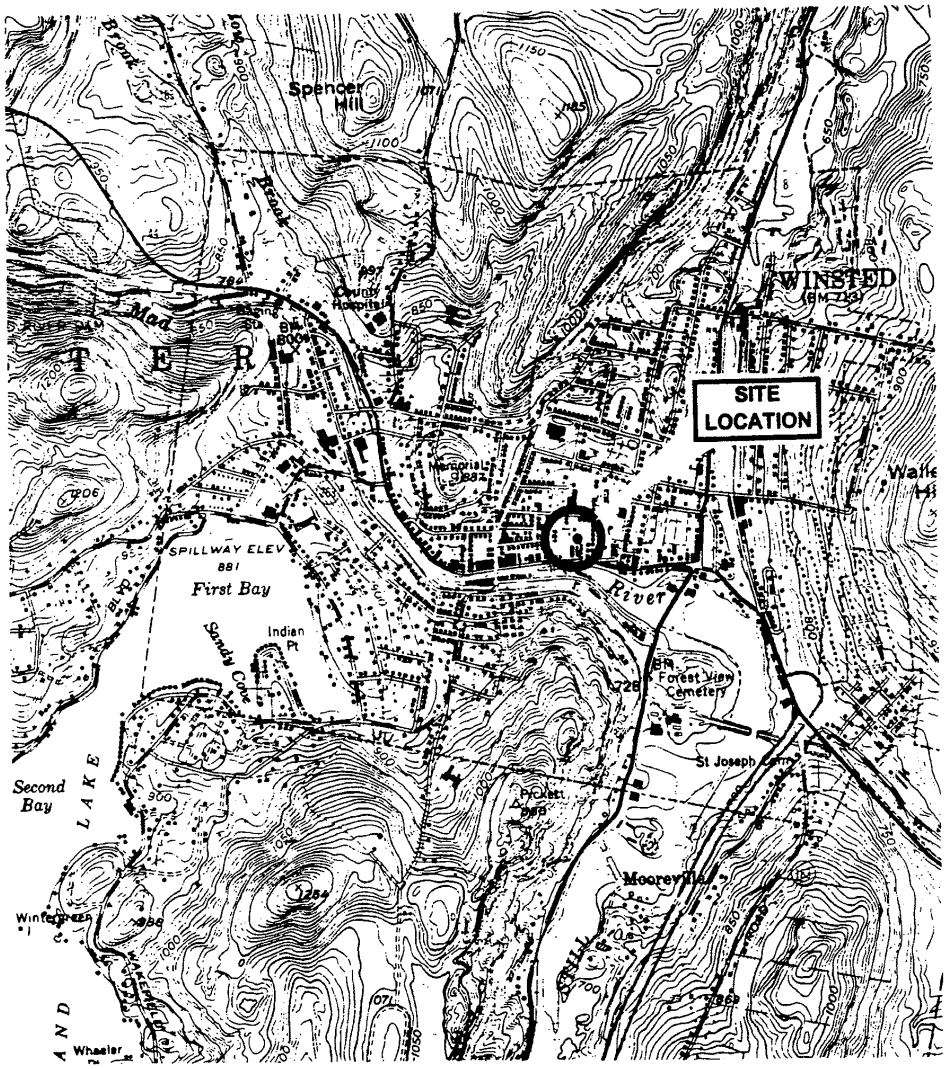
Part V - Signature*

"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)	Timothy R. E. Keeney	Title (if applicable)	Director - Environmental Services
Signature	Timothy R. E. Keeney	Date	1/19/99

*signifies information required by PA 98-134

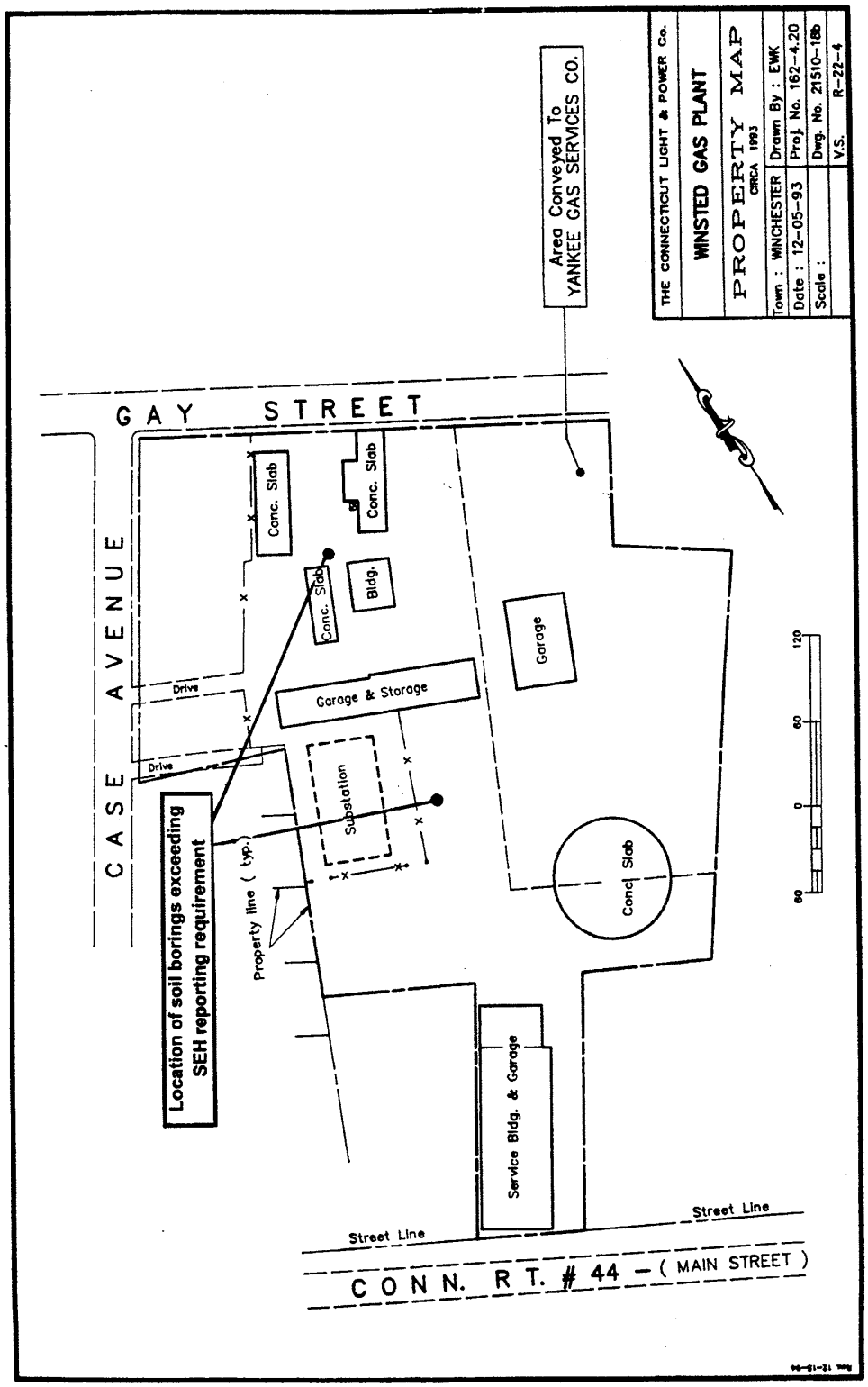
WINSTED QUADRANGLE
CONNECTICUT
7.5 MINUTE SERIES (TOPOGRAPHIC)



SCALE 1:24000

1 MILE
7000 FEET
1 KILOMETER

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929


THE CONNECTICUT LIGHT & POWER Co.
WINSTED GAS PLANT
PROPERTY MAP
CIRCA 1993
Town : WINCHESTER
Date : 12-05-93
Scale :
Drawn By : EWK
Proj. No. 162-4.20
Dwg. No. 21510-18b
V.S. R-22-4
Area Conveyed To YANKEE GAS SERVICES CO.
GAY STREET
CASE AVENUE
Conc. Slab
Conc. Slab
Conc. Slab
Bldg.
Garage
Garage & Storage
Drive
Drive
Substation
Location of soil borings exceeding SEH reporting requirement
Property line (typ.)
Conc. Slab
Service Bldg. & Garage
Street Line
Street Line
CONN. RT. # 44 — (MAIN STREET)
120
60
0
60

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF WATER MANAGEMENT
Permitting, Enforcement & Remediation Division
ACKNOWLEDGMENT

March 26, 1999

Mr. Timothy R. E. Keeney
Director - Environmental Services
Northeast Utilities Service Company
P. O. Box 270
Hartford, CT 06141-0270

RE: Notification of Significant Environmental Hazard
Winsted Former Manufactured Gas Plant, Winchester

Dear Mr. Keeney:

This is to acknowledge receipt, on January 20, 1999, of your written notification of an environmental hazard under the requirements of Public Act (PA) 98-134. You notified the Department of Environmental Protection (DEP) that at the Winsted Former Manufactured Gas Plant, located at 276 Main St. in Winsted, CT, the following significant environmental hazard is present:

> Benzo(a)pyrene is present in surface soils at concentrations above the threshold for defining a direct exposure hazard.

Thank you for notifying DEP. No action is required at this time solely as a result of this notification, because the polluted soils are below an asphalt pavement which limits the potential for exposure. Please advise DEP if the integrity of the pavement becomes compromised.

If you have questions regarding this letter, please contact Kenneth Feathers of DEP's State Remedial Program at 860-424-3770.

Sincerely,

Michael Harder, Director
Permitting, Enforcement and Remediation Division

Sent Certified Mail RRR #
cc: Mr. Paul J Boison, Senior Scientist, Northeast Utilities Service Co., P.O.Box 270, Hartford, CT 06141-2070
Ken Feathers, PERD
James Rokos, MPH, Director of Health,1116 Litchfield Street, Torrington, CT 06790