O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

Project No. J1305-50-01
July 1, 2019

Phase I Environmental Site Assessment
Parcels 119-6313 & 119-0928
Boom Bridge Road
North Stonington, Connecticut

PREPARED FOR:

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Attn: Mr. Steve Kochis, P.E.

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Attn: Mr. Steve Kochis

Subject: Phase I Environmental Site Assessment
Parcels 119-6313 & 119-0928
233 Boom Bridge Road
North Stonington, Connecticut

Dear Mr. Kochis:

Attached is our Phase I Environmental Site Assessment (ESA) report for the above-referenced properties. Our ESA was performed in general accordance with the ASTM Standard Practice E1527-13 (the "all appropriate inquiry" standard).

Should you have any questions regarding the report, please do not hesitate to call us at (860) 643-8606.

Very truly yours,
O'Reilly, Talbot & Okun Associates, Inc.

Paul Tanner, LEP
Associate, Hydrogeology

Mark O'Malley
Staff Scientist

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1.0 INTRODUCTION

1.1 PURPOSE

O'Reilly, Talbot & Okun Associates, Inc. (OTO) has conducted a Phase I Environmental Site Assessment (ESA) of parcels 119-6313 and 119-0928 off Boom Bridge Road in North Stonington, Connecticut (the "Site"). This Phase I ESA was performed in general accordance with ASTM Standard Practice E1527-13 (the "all appropriate inquiry" standard). This work was performed at the request of Mr. Steve Kochis of Vanasse Hangen Brustlin Inc. (VHB). This work is subject to the limitations presented herein, and the Terms and Conditions presented in Appendix A.

The purpose of our Phase I ESA was to evaluate the Site history and current conditions to identify Recognized Environmental Conditions (RECs)[1], historical Recognized Environmental Conditions (HRECs)[2], or controlled Recognized Environmental Conditions (CRECs)[3] at the Site as outlined in the ASTM Standard.

1.2 SCOPE OF SERVICES

The following tasks were undertaken:

- A Review of Standard Environmental Records Sources;
- A review of Connecticut DEEP's Hazardous Waste Manifest Database;
- A Site reconnaissance;
- Interviews with the Key Site Manager; and
- Report preparation.

Consistent with our proposal dated May 10, 2019, our assessment did not include evaluation of the following items:

1. Compliance with other Site assessment report standards (bank or government agency standards);
2. Evaluation of a potential Vapor Encroachment Condition (VEC) as described in ASTM Standard E2600-10;
3. Review of compliance with environmental Activity and Use Limitations (AULs);
4. Asbestos or PCBs Containing Building Materials;
5. Lead based paint;
6. Lead or other contaminants in drinking water;
7. Wetlands;
8. Regulatory compliance;
9. Cultural and historic resources;

[1] A Recognized Environmental Condition (REC) is the presence or likely presence of any hazardous substance or petroleum products in, on or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De Minimis conditions are not RECs.
[2] Historical RECs are past releases of any hazardous substance or petroleum product that have occurred in connection with the property and have been addressed to the satisfaction of the applicable regulatory authority, without subjecting the property to any required controls (such as an Environmental Land Use Restriction in Connecticut).
[3] Controlled RECs are from past releases addressed to the satisfaction of the applicable regulatory authority (example, by the issuance of a no further action letter or equivalent, or meeting criteria established by regulatory authority) with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (such as an ELUR).

10. Industrial hygiene;
11. Health and safety;
12. Ecological resources and Endangered species;
13. Indoor air quality;
14. Biological agents; and
15. Mold.

1.3 SIGNIFICANT ASSUMPTIONS

OTO has performed the environmental record searches in accordance with current ASTM ESA standard, and industry practice. The data, findings, and conclusions presented in this Phase I ESA are based upon a search, review, and analysis of the documents and interviews as well as observations made during the Site reconnaissance. Conclusions reached regarding the conditions of the Site do not represent a warranty that all areas within the Site are of a similar quality as may be inferred from observable Site conditions and available Site history. As stated in the ASTM standard, no ESA can wholly eliminate uncertainty regarding potential environmental conditions in connection with the Site. OTO's evaluation and analysis are intended to reduce, not eliminate, the potential for conditions that result in environmental risk for the end user of this Phase I ESA.

1.4 LIMITATIONS AND EXCEPTIONS

Our report has been performed subject to the following limitations:

1. The observations presented in this report were made under the conditions described herein. The conclusions presented are based solely upon the services described, and not on scientific tasks or procedures beyond the scope of the project. The work described in this report was carried out in accordance with the contract Terms and Conditions.
2. In preparing the report O'Reilly, Talbot & Okun Associates, Inc. relied on certain information provided by federal, state and local officials and other parties referenced herein, and on information contained in the files of state or local regulatory agencies at the time of the file review. Although there may have been some degree of overlap in the information provided by these sources, O'Reilly, Talbot & Okun Associates, Inc. did not attempt to verify the accuracy or completeness of all information reviewed or received during the course of this assessment.
3. Observations were made of the Site and of the structures on the Site as indicated within the report. Where access to portions of the Site or to structures on the Site was unavailable or limited, we render no opinion as to the presence of hazardous materials or oil, or to the presence of indirect information relating to hazardous materials or oil in that portion of the Site. In addition, we render no opinion as to the presence of hazardous materials or oil, where objects or coverings on or over these surfaces obstructed direct observations of portions of the Site.
4. The purpose of this Report was to assess the physical characteristics of the Site with respect to the presence of hazardous material or oil in soil or groundwater at the Site. No specific attempt was made to check on the compliance of present or past owners or operators of the Site with federal, state, or local laws and

regulations, environmental or otherwise.

1.5 SPECIAL TERMS AND CONDITIONS

The Terms and Conditions of this report are attached in Appendix A.

2.0 USER RELIANCE

This report documents assessment of the Site performed by OTO at the request of Mr. Steve Kochis of Vanasse Hangen Brustlin Inc. (VHB). The findings, opinions, and conclusions of this report are for the confidential and exclusive use of VHB and their client Clean Focus Renewables (the "User"). Reliance on this report for any use or by parties other than those specifically stated is prohibited without the express written consent of OTO, and such use is at the sole risk of the user.

3.0 SITE DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The Site is located at 233 Boom Bridge Road in North Stonington, Connecticut. A Site Locus based on the 2015 United States Geological Survey (USGS) topographic map of the area is attached as Figure 1. A Site Map is provided as Figure 2. A cellular phone tower facility is located near the center of the property and is listed with the street address 227 Boom Bridge Road.

According to the property record cards and Town of North Stonington GIS mapping included in Appendix B, the Site contains two parcels identified by map-lot numbers 119-6313 and 119-0928. Parcel 119-6313 is approximately 95.3 acres, and was acquired in 2001 by David Babcock Lewis, LLC. (Town of North Stonington Land Records, book 140, page 513). Parcel 119-0928 is approximately 33.2 acres, and was acquired in 2002 by Lewis Brothers Partnership (Town of North Stonington Land Records, book 147, page 990).

3.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The Site is in a residential area with farms, wooded areas, and a nearby gravel pit. Interstate 95 runs along the northern Site boundary. The Connecticut/Rhode Island state line is located within a half-mile to the east and south of the Site.

The Site is within an area where the Connecticut Department of Energy and Environmental Protection (CTDEEP) classifies groundwater as "GA", where groundwater is classified as being suitable for drinking without treatment. A portion of parcel 119-6313 is also located within a Water Supply Protection Area mapped by the Town of North Stonington. Maps showing the Water Supply Protection Area are included in Appendix E.

No currently active water supply wells are within the limits of the Site. Adjoining residences have private water supply wells and septic systems. OTO observed private water supply well heads within 150 feet of the Site boundary. According to database mapping provided in Appendix D, approximately 8 public water supply systems were identified within one

mile of the Site, with the nearest system located approximately 1,100 feet to the north/northeast of the Site boundary.

3.3 CURRENT USE OF THE SITE

The Site is primarily in use for growing feed and cover crops (corn, hay, alfalfa, rye, etc.) by the Beriah Lewis Farm. The Beriah Lewis Farm's principal place of operation is located approximately 1/3-mile to the south of the Site at 273 Boom Bridge Road. As shown on Figure 2, beginning around 2016, approximately 4 acres of the Site was fenced off for pasture.

From 2003 through 2015 the Site was used for selective timber harvest. In 2012 or 2013 an approximate 4 acre area to the southwest of the cell tower was cleared to expand the field. Between 2015 and 2018, approximately 100 acres (+/-) of woodland was clear-cut, and the area of tillable land was increased by approximately 30 acres (+/-). The Site is also used by the owners and locals for recreation, such as hunting, off-roading and passive recreational activities.

Encompassed by the Site is a cell tower facility erected in 2002. The cell tower buildings and infrastructure are primarily located within parcel 119-6314. Associated with the cell tower facility are easements for utilities, tower guy-wires/anchors, and a gravel driveway passing through the subject Site to access the cell tower. We note the cell tower parcel 119-6314 is not part of the subject Site for the purposes of this ESA.

3.4 DESCRIPTIONS OF STRUCTURES, ROADS AND IMPROVEMENTS

There are two vehicle driveway entrances to the Site off Boom Bridge Road. The primary driveway entrance leading to the cell tower is graded with sand and gravel. Underground utilities from Boom Bridge Road to the cell tower, presumably run parallel along the gravel driveway. Approximately 800 feet to the northwest of the cell tower, the gravel driveway passes over a wet area, which has been improved with a culvert. There are the remains of pre-1940s fieldstone walls within areas of the Site and sections of the Site boundary. Approximately 4 acres of the Site is fenced for pasture. In the northwest corner of the Site, Thompson Brook was channelized and re-directed to pass through the Site property during the construction of Interstate 95 between 1957 and 1965.

3.5 CURRENT USES OF ADJOINING PROPERTIES

Interstate 95 runs along the northern Site boundary. To the south of the Site are residences, pasture, wooded areas and hay fields. To the east of the Site are residences, wooded areas and an overgrown sand and gravel pit. To the west of the Site is farmland and wooded areas.

4.0 USER PROVIDED INFORMATION

A user questionnaire (as identified in the ASTM E1527-13 standard) completed by Mr. Zach Sawicki representing Clean Focus Solar is included in Appendix C. Our primary client (VHB) provided OTO with digital aerial images of the Site.

5.0 RECORDS REVIEW

5.1 LOCAL RECORDS SOURCES

No items of concern with respect to this ESA were identified based on our review of property records at the Town of North Stonington Clerks office and permit records at the Town of North Stonington Land Use and Building Department. Please refer to Section 7.2 for further Town records and interview information.

5.2 STANDARD ENVIRONMENTAL RECORDS SOURCES

The Standard Environmental Records Sources identified in the ASTM Standard were reviewed for the Site and vicinity using an Environmental Risk Information Services (ERIS) database search completed on June 12, 2019. Records reviewed by ERIS and the radius for which the search was conducted is summarized in the list presented below. The search radius meets or exceeds the radius required in the ASTM standard. A copy of the ERIS report is attached in Appendix D.

Standard Environmental Records Sources

Lists	Appropriate Minimum Search Distance (miles)
Federal NPL Site list	1.0
Federal Delisted NPL Site list	0.5
Federal CERCLIS list	0.5
Federal CERCLIS NFRAP Site list	0.5
Federal RCRA CORRACTS facilities list	1.0
Federal RCRA non-CORRACTS TSD facilities list	0.5
Federal RCRA generators list	0.05
Federal Inst/Eng Controls	0.05
Federal ERNS list	0.05
GW Classification	Target Property
State and Tribal hazardous waste Sites	1.0
State and Tribal landfills or solid waste disposal Sites	0.5
State and Tribal LUST/LAST	0.5
State and Tribal registered storage tank list	0.05
State and Tribal institutional controls	0.05
State and Tribal voluntary cleanup Sites	0.5
State and Tribal Brownfield Sites	0.5

<u>On-Site</u>

ERIS identified no database listings for the subject Site parcels.

Off-Site

ERIS identified nine (9) regulatory database locations within the referenced search radii, plus seven (7) "unplottable" locations with inadequate GPS coordinates. The database information in the ERIS report for was reviewed based on the distance and direction from the Site. Findings from the database report within one quarter mile of the Site include the following:

- FINDS database Listing of a stationary air discharge source for the on-Site Verizon Cell Tower facility for a backup diesel generator. The cell tower facility encompassed by the Site is identified by the EPA as the "North Stonington II Cell Site" and is cross referenced in the Connecticut Site Information Management System database.
- A release of oil (diesel fuel) was reported at the cell tower facility in 2012 and was assigned case number 2012-01588 by CTDEEP. Further details regarding this spill are provided in the following section. An antifreeze spill from a motor vehicle accident southwest of the Site.
- Several citations for unpermitted surface mining operations at the Lewis Farm Mine dating from 2013 to 2016 for an address located 0.13 mile southwest of the Site.

Based on our review of database information, other reported off-Site releases of hazardous substances or petroleum products are unlikely to have impacted the subject Site at levels of regulatory significance.

The ASTM 1527-13 Standard clarifies that the potential for a vapor encroachment condition needs to be evaluated as part of a Phase I ESA. Given the reported release of diesel fuel near the Site boundary, a potential vapor encroachment condition as defined by ASTM cannot be ruled out within the scope of this Phase I ESA. However, available information, including remedial measures conducted, suggests that this potential vapor encroachment condition is unlikely to pose a significant risk, and is considered a de minimis condition. Based on our review of available database information, a potential vapor encroachment condition from other off-Site releases of oil or hazardous material are unlikely.

5.3 ADDITIONAL ENVIRONMENTAL RECORDS SOURCES

CTDEEP Document Online Search Portal

We performed a search query on CTDEEP's website [4] for documents that may be relevant to the Site or an adjoining property. One release incident was noted:

- Emergency incident case number 2012-01588 was assigned to a release of diesel fuel reported on April 2, 2012 at the Verizon Wireless cell tower facility, addressed as 233 Boom Bridge Road. A copy of the emergency incident report is in Appendix E. A Verizon Wireless representative identified an oil stained area beneath a fill pipe for a diesel generator aboveground storage tank (AST). The stained area was approximately 5 by 10 feet in size. Clean Harbors was contracted to clean up

[4] (https://filings.deep.ct.gov/DEEPDocumentSearchPortal/Home)

the area. Approximately three cubic yards of diesel impacted soil was excavated using hand tools and removed from the facility in 55-gallon drums. Laboratory testing of soils indicate residual concentrations of extractable total petroleum hydrocarbons at the limits of excavation were 45 parts per million. The CTDEEP closed case number 2012-01588 on April 13, 2012.

OTO observed the area of the reported diesel release during our Site Reconnaissance on June 13, 2019. The diesel AST fill and vent pipes were observed to be approximately 5 feet from the Cell tower boundary (cell tower perimeter fence). OTO's observations of the ground surface in the area were significantly limited by overgrown vegetation, and we cannot infer by observation that the stain or backfilled excavation area extended onto the subject Site.

CTDEEP ezFile System

We performed a search query on CTDEEP's website [5]for documents that may be relevant to the Site or an adjoining property. No e-filings were identified for the Site or an adjoining property.

List of Significant Environmental Hazards

We reviewed CTDEEP's List of Significant Environmental Hazards for the Town of North Stonington, covering the period from October 1998 through February 2019. No environmental hazards were reported for the Site or an adjoining property.

List of Contaminated or Potentially Contaminated Sites

We reviewed CTDEEP's List of Contaminated or Potentially Contaminated Sites for the Town of North Stonington. A copy of CTDEEP's List, current as of February 7, 2019, is included in Appendix E. The subject Site is not listed.

Map of Environmental Land Use Restrictions (ELURs)

We reviewed CTDEEP's map of ELURs[6]. The Site is not identified as an ELUR location.

5.4 PHYSICAL SETTING SOURCES

The USGS map of the Site vicinity is the only physical setting source required to be reviewed by the ASTM Standard. Figure 1, the Site Locus, is based on the 2015 USGS Topographic Map for the Site vicinity. The Site is located in an area with small hills, typical of southeastern Connecticut. Ground surface elevations on the Site range from approximately 95 to 210 feet above mean sea level (MSL). With a few exceptions, the Site is topographically up-gradient of adjoining land and roadways.

[5] (https://filings.deep.ct.gov/DEEPPortal/Account/LogOn?ReturnUrl=%2fDEEPPortal%2fHome%2fSelectFiling)

[6] https://ctdeep.maps.arcgis.com/apps/webappviewer/index.html?id=d37eccb2a5c3491d8f0d389a96d9a912

5.5 HISTORICAL USE INFORMATION ON THE SITE AND ADJOINING PROPERTIES

The following ASTM Standard Historical Sources were reviewed:

Aerial Photographs

Historical aerial images dating back to 1934 were provided by ERIS and are in Appendix D. We note image resolutions and color scales vary in the aerial images. Aerial images available on-line through Google Earth dating back to 1991 were also reviewed. Aerial photos suggest the primary uses of the Site dating back to 1934 include farming, woodland/timber harvest, and pasture. The cell tower facility, encompassed by the Site, was constructed in 2001. Historical uses of adjoining areas around the Site appear similar to the present day (residential, farmland, or wooded areas). A gravel pit operation is located to the west of the Site, and is first visible in the 1992 aerial image (we note portions of the gravel pit are outside the aerial photograph coverage area).

Various trails passing through wooded areas of the Site, and likely historical fieldstone walls are visible in many of the historical images. A structure(s) on the western portion of the Site near Boom Bridge Road are visible in aerial photos from 1934 through 1957. Interstate 95 was constructed between the 1957 and 1965 aerial images. It appears that the northwest corner of the Site was cleared, graded, and Thompson Brook was relocated to pass through the Site as part of highway construction. The 1970 aerial image shows a partially cleared area to the north of one of the fields, this is shown as an “Area of Interest” on Figure 2. The southern field area adjacent to Boom Bridge Road was cleared between 1974 and 1986, and this field was expanded eastward between 2010 and 2012. Other evidence of timber harvest, likely on more of a “selective” basis, is visible from 2003 through 2013. More extensive “clear cutting” of the Site occurred between 2015 and 2018. We identified five apparent timber processing areas (where logs would be further processed and loaded for off-site transport) and those areas are shown on Figure 2.

Detailed aerial imagery reviewed on-line through Google Earth between 2015 to the present show the extensive clearing of land for agricultural use, including the bulldozing, grading, processing, stockpiling and removal/relocation of materials by truck. Many circular to elongate features (interpreted to be boulders and perhaps tree root balls) were visible as mottled patterns on the Google Earth photos and these features over time appeared to be relocated to the perimeters of the fields or remained stockpiled on-Site. Based on aerial imagery, and our observations of the land surface, three areas suspected of more significant re-grading or “filling” of land were identified and are shown on Figure 2.

City Directories

City directories for Boom Bridge and Anthony Road dating back to 1998 were provided by ERIS and are included in Appendix D. We acknowledge that the lack of available street directory information prior to 1998 and the lack of residential listings within the provided directory report are a data failure with respect to this ESA. No relevant listings were provided for the Site or an adjoining property for 1998 through 2018.

Historical Fire Insurance Maps

OTO requested historical fire insurance maps of the area were requested from ERIS. A copy of the ERIS Fire Insurance Maps report is in Appendix D. No historical fire insurance maps were available for the Site.

Topographic Maps

Historical USGS topographical maps dating back to 1889 were provided by ERIS and are included in Appendix D. Maps from 1943 through 1984 show a structure on the western portion of the Site near Boom Bridge Road (visible in aerial photos from 1934 through 1957). Interstate 95 was constructed between the creation of the 1953 and 1970 topographic maps. There were some slight changes in elevation contours and the relocation of Thompson Brook in the northwest corner of the Site following the construction of Interstate 95. These changes are clearly visible in the 1965 aerial photograph of the area.

6.0 SITE RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

Mr. Mark O'Malley of OTO performed the Phase I Site Reconnaissance on June 13, 2019. Mr. Ledyard Lewis, Owner and Key Site Manager, met OTO near the cell tower facility to describe the general property uses and Site boundaries. OTO walked the perimeter of the cultivated fields, walked a perimeter around the cell tower facility, walked a southwest to northeast transect across a cleared path on parcel 119-0928, walked the northern and eastern boundaries of parcel 119-0928, viewed the Site from a high-point to the south of the cell tower facility, and viewed areas of the Site by vehicle from public ways.

OTO's observations on the day of the reconnaissance were limited due to showers and heavy downpours. This limited OTO's ability to distinguish stained areas. Beyond the cultivated areas, dense vegetation restricted travel and significantly limited OTO's observations of these areas. The southwestern Site boundary near adjoining residential developments was viewed from a distance due to wet conditions and steep slopes in this area.

6.2 SITE SETTING AND OBSERVATIONS

The Site setting was as described in Section 3.0. Photographs from the Site visit are included in Appendix F. The cell tower facility is not part of "the Site" for purposes of this assessment. However, we note hazardous material placards were observed posted on the cell tower buildings, including placards for diesel fuel, lead-acid batteries, and other unknown corrosive materials.

Our Site visit was performed following guidelines presented in Section 9.0 of ASTM Standard E1527-13.

6.2.1 Usage of Hazardous Substances and Petroleum Products

On-Site, OTO observed approximately a half-dozen discarded five gallon oil containers, a half-dozen quart to 1-gallon discarded plastic containers, one empty plastic 55-gallon drum, and two partially filled 55-gallon steel drums labeled as containing off-road transmission fluid and hydraulic oil. Additionally pesticides are used to control vegetation and used to control pests in cultivated areas. Fertilizers are applied to cultivated areas and manure piles were observed at Timber Processing area #3 shown on Figure 2.

6.2.2 Storage Tanks

No indications of a storage tank were observed within the limits of the Site. A diesel storage tank is located within the cell tower facility, and the fill and vent pipes were observed to be within 5 feet of the cell tower fence line (Site boundary).

6.2.3 Odors

A manure odor was observed near the manure piles (Timber Processing Area #3 on Figure 2). No other strong, pungent or noxious odors were observed at the Site during our Site reconnaissance.

6.2.4 Pools of Liquid

Numerous puddles of standing water were observed due to rainy conditions. Some of the puddles were “tea-colored” likely from decomposing organic material.

6.2.5 Drums

Near Timber Processing Area #3 OTO observed one empty plastic 55-gallon drum, and two partially filled 55-gallon steel drums. The plastic drum had an open top and was tipped upside down. The label indicated the plastic drum once contained UVITEX NFW-S LIQ (a fluorescent whitening agent). The inside of the plastic drum had a greasy residue, and has likely been used for other purposes. One of the steel drums was fitted with a hose valve and labeled as containing (or previously contained) CAM2 MPT Torque Fluid TO-4 SAE 30 (off-road transmission fluid). The second steel drum was closed and labeled as containing (or previously contained) Chevron 1000 THF (hydraulic fluid).

6.2.6 Unidentified Substance Containers

Approximately a half-dozen discarded five gallon oil containers, a half-dozen quart to 1-gallon discarded plastic containers were viewed on-Site.

6.2.7 PCBs

No equipment suspected to contain significant quantities of PCBs was observed. An on-Site pad mounted electrical transformer that serves the Cell Tower facility was labeled as containing “non-PCB Less than 2 ppm” mineral oil dielectric fluid.

6.2.8 Interior Observations – Stains, corrosion, drains or sumps

Not applicable.

6.2.9 Exterior Observations - Pits, Ponds or Lagoons

Ponds of water were observed off-Site. No significant pits, ponds or lagoons were observed on-Site.

6.2.10 Exterior Observations - Stained Soil, Stressed Vegetation or Pavement

An apparent hydrocarbon stain and stressed vegetation was observed on the ground surface at timber processing area #5. This stain measured about 4 feet by 5 feet. A few smaller stains were viewed in on ground surfaces from previously parked or operating vehicles and these are considered “de minimis”. Stressed vegetation was observed in and around the cell tower facility, suspected to be from herbicide application.

6.2.11 Exterior Observations - Solid Waste

A few litter items (beverage contains, gloves, miscellaneous plastic debris) were observed scattered at the Site, particularly near the Boom Bridge Roadway. Three discarded tires were observed on-Site. Within an excavator bucket were approximately a half dozen used heavy equipment fluid filters and discarded plastic containers. Adjacent to the hunting blind, was a pile of wood debris, windows and rusted metal (assumed to be the remains of a prior hunting blind). There were piles of stumps and root balls, cut logs, wood chips and other wood related waste decomposing on-Site.

6.2.12 Exterior Observations - Waste Water

No wastewater was observed being generated or discharged within the Site boundaries. Stormwater that contacts cell tower equipment was observed on the ground surface within the cell tower area. Run-off from Interstate 95 was observed discharging from catch basin outfalls to a swale/ditch at the west corner of the property, which flows towards Thompson Brook.

6.2.13 Exterior Observations - Wells and Monitoring Wells

No wells were observed on-Site. OTO observed private water supply well heads within 150 feet of the Site boundary.

6.2.14 Exterior Observations - Septic Systems

No septic systems are known to be present at the Site. Adjoining residences have private septic systems.

7.0 INTERVIEWS

7.1 INTERVIEWS WITH OWNERS/OCCUPANTS/SITE MANAGER

On June 13, 2019, OTO conducted an on-Site interview with Owner and Key Site Manager Mr. Ledyard Lewis. Mr. Lewis lives at the adjoining residence at 233 Boom Bridge Road, and has lived and farmed in the area for several years. Mr. Lewis stated that he was unaware of spills of oil or hazardous material at the Site. Mr. Lewis described the general property uses and Site boundaries. To his knowledge, the Site has been used for feed and cover crops, and does not have a history of orchard use or crop agriculture typically associated with pesticide type and frequency of application that would not meet the REC "exception" described in the legal appendix of ASTM Standard E1527-13. Information provided by Mr. Lewis has been incorporated into the appropriate sections of this report.

7.2 INTERVIEWS WITH LOCAL GOVERNMENT AGENCIES

OTO visited the North Stonington Town Clerks office on June 13, 2019 to review recorded deed information pertaining to the Site back to the 1940s. No significant findings with respect to this ESA were identified by our review of recorded property records.

OTO visited the North Stonington Land Use and Building Department on June 13, 2019, and spoke with Building Official Mr. Earl Dean. Available Land Use and Building Department records date back to 1971. No information was available from the Building Department regarding the pre-1965 structures at the Site, and there were no permit records on file for the installation or removal of an underground storage tank at the Site parcels.

8.0 POTENTIAL APPLICABILITY OF THE CONNECTICUT TRANSFER ACT

In Connecticut, the Transfer Act (Transfer of Hazardous Waste Establishments Act, Connecticut General Statutes, Sections 22a-134 et seq.) requires an owner, at the time of transfer to determine whether its real property or business operation is an "establishment". An "establishment" is defined as:

> *any real property at which or any business operation from which (A) on or after November 19, 1980, there was generated, except as the result of remediation of polluted soil, groundwater or sediment, more than one hundred kilograms of hazardous waste in any one month, (B) hazardous waste generated at a different location was recycled, reclaimed, reused, stored, handled, treated, transported, or disposed of, (C) the process of dry cleaning was conducted on or after May 1, 1967, (D) furniture stripping was conducted on or after May 1 1967, or (E) a vehicle body repair facility was located on or after May 1, 1967.*

Although we understand the pending business deal for this Site would not involve transfer of the property, based on the information reviewed as part of this assessment OTO did not find technical documentation suggesting that the Site might be considered an "establishment". We recommend that legal counsel review the pending deal in the context of the Transfer Act and also recommend this technical finding be reviewed.

9.0 PHASE I FINDINGS

This Phase I Environmental Site Assessment (ESA) has been prepared in general conformance with the ASTM Standard E1527-13. The assessment consisted of: a review of local government files; a review of regulatory agency file information; a Site reconnaissance and interview with the Key Site Manager; and preparation of this report. A summary of our findings are presented below.

Site Characteristics

The Site consists of two parcels totaling approximately 128.5 acres currently used for farming and recreation. Portions of the Site were recently clear-cut and timber was harvested. The Site is within a GA area, where the CTDEEP classifies groundwater as being suitable for drinking without treatment. In addition, a portion of the Site is located within a Water Supply Protection Area and nearby developments have private water supply wells.

Site History

Aerial photos suggest the primary uses of the Site dating back to 1934 include farming, woodland/timber harvest, and pasture. The cell tower facility, encompassed by the Site, was constructed in 2001. Historical uses of adjoining areas around the Site appear similar to the present day (residential, farmland, or wooded areas). A gravel pit operation is located off-Site to the west, and is first visible in a 1992 aerial image.

Structure(s) on the western portion of the Site near Boom Bridge Road are visible in aerial photos from 1934 through 1957. Interstate 95 was constructed between the 1957 and 1965 aerial images. It appears that the northwest corner of the Site was cleared, graded, and Thompson Brook was relocated to pass through the Site as part of highway construction. The southern field area adjacent to Boom Bridge Road was cleared between 1974 and 1986, and this field was expanded eastward between 2010 and 2012. Other evidence of recent timber harvest, likely on more of a “selective” basis, is visible from 2003 through 2013. More extensive “clear cutting” of the Site occurred between 2015 and 2018. Based on aerial imagery, and our observations of the land surface, five former timber processing areas were identified and three areas suspected of more significant re-grading or “filling” of land were identified and are shown on Figure 2.

Regulatory Information

The subject Site was not identified in the regulatory databases searched by ERIS for this ESA. There was a spill of diesel fuel at the Verizon Wireless cell tower facility in 2012. An oil-stained area beneath a fill pipe for a diesel storage tank was remediated. The CTDEEP closed case number 2012-01588 on April 13, 2012.

Site Reconnaissance

OTO performed the Phase I Site Reconnaissance on June 13, 2019. Observations of the Site by OTO are further described in Section 6.0, and our observations have been incorporated into the conclusions below.

10.0 OPINION, CONCLUSIONS AND RECOMMENDATONS

We have performed a Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Practice E1527-13 for the properties identified as parcels 119-6313 and 119-0928 off Boom Bridge Road in North Stonington, Connecticut (the "Site"). Any exceptions to, or deletions from this practice are described in Sections 2.4 and 11.0 of this report. .

OTO has identified unknown soil conditions at various areas of the Site as a Recognized Environmental Condition. The areas include:

- One "Area of Interest" related to 1970's regrading and drainage modifications in a wooded area at the west corner of the Site.
- One formerly cleared area, likely related to relocation of Thompson Brook, also located at the west corner of the Site.
- Three areas of suspected fill, numbered 1, 2 and 3 on Figure 2.
- Five former timber processing areas (Numbered 1 through 5) on Figure 2. An area of surface soil staining was observed at former timber processing area #5.

Phase II assessment activities (soil test pits or test borings) are recommended to further investigate the areas. Should evidence of subsurface impacts be identified or observed in the soil, a program of soil testing for petroleum products is recommended.

While not Recognized Environmental Conditions, two items of business environmental risk (BER) were identified:

> BER-1: Aquifer Protection Area and Groundwater Use for Domestic Purposes in Site Vicinity: Portions of the Site are located in an aquifer protection area, and residences in the Site vicinity use groundwater for domestic purposes. We recommend that the development construction documents include provisions for best management practices for construction equipment fueling, fluid material storage and secondary containment and overall erosion and sedimentation controls that reflect the sensitive setting of the Site in relation to groundwater resources.
>
> BER-2: Potential for Pesticide Residue in Soil. Given the history and our observations, residues of pesticides[7], herbicides and fertilizers may be present in Site soil. The routine application of agricultural chemicals at the Site are not a "release", and not Recognized Environmental Conditions as defined by the ASTM Standard. In our opinion, the potential for agricultural chemical residue in soil poses a Business Environmental Risk, and should be appropriately managed. We recommend that development construction documents incorporate worker safety procedures to limit contact with soil, incorporate dust suppression measures and include provisions for soil anti-tracking pads and construction equipment cleaning

[7] The U.S. EPA under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), defines the term "pesticide" as "any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest, or intended for use as a plant regulator, defoliant, or desiccant." The term pesticide includes all of the following: herbicide, insecticides, nematicide, molluscicide, piscicide, avicide, rodenticide, bactericide, insect repellent, animal repellent, antimicrobial, fungicide, disinfectant (antimicrobial), and sanitizer.

prior to exiting the Site. Additionally we recommend the specifications specifically forbid export of soils, unless under the control of a Soil Management Plan that would specify soil testing and evaluation prior to export.

As with many properties such as the Site, the possible presence of undiscovered releases of oils or hazardous materials is a possibility that cannot be ruled out without subsurface explorations and chemical testing of soils and groundwater. As referred to in the ASTM standard, no ESA can wholly eliminate uncertainty regarding environmental matters in connection with a Site.

11.0 DEVIATIONS

This assessment included additional services described in the following section. The User Questionnaire in Appendix C was completed by Mr. Zack Sawicki representing Clean Focus Solar. Therefore the "all appropriate inquiries" may not be complete per the ASTM E1527-13 practice. Other potential data gaps and database errors are described within the appropriate sections of this report. We are not aware of other significant deletions or other significant deviations from the ASTM E1527-13 practice used to prepare this report.

12.0 ADDITIONAL SERVICES

No additional services outside of the ASTM E1527-13 practice have been performed in completing this Environmental Site Assessment.

13.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

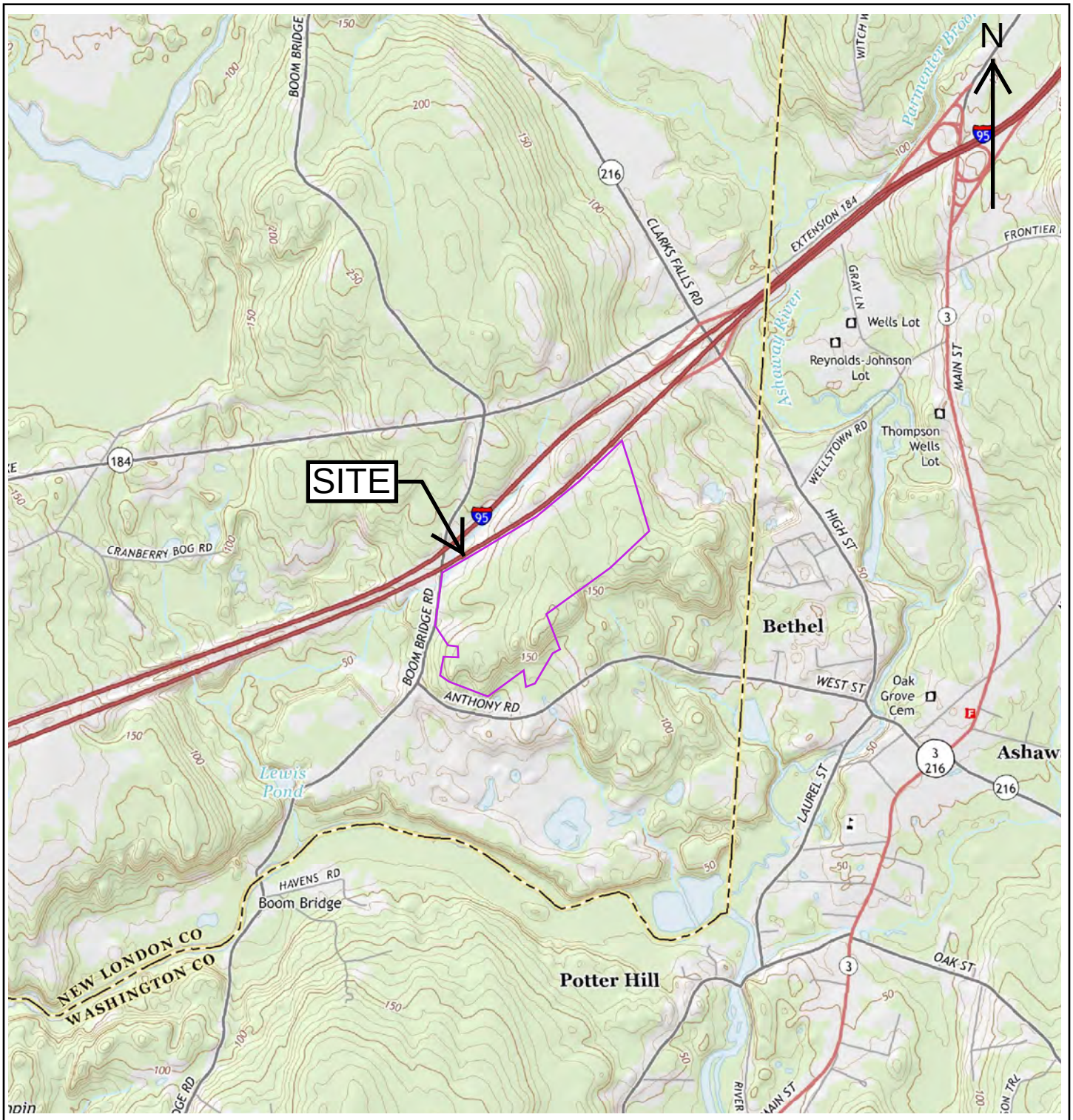
Paul A. Tanner declares that, to the best of his professional knowledge and belief, he meets the definition of Environmental Professional as defined in Part 312.10 of 40 CFR. Mr. Tanner has the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. OTO has developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

14.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Paul Tanner, an Associate at OTO, specializes in hydrogeology, Site characterization and remediation. He has an undergraduate degree in geology and water resources, and a master's degree in environmental science. He brings over 30 years of experience to every project. Mr. Tanner is a Connecticut Licensed Environmental Professional (LEP).

Mark E. O'Malley Jr., a Staff Scientist at OTO, has approximately nine years of experience in the environmental consulting field. Mr. O'Malley has focused on conducting fieldwork, data evaluation, Site assessments, remediation and reporting activities at select Sites in Connecticut, Vermont, Massachusetts, New York and New Jersey. He holds a B.S. in Earth Systems from the University of Massachusetts, Amherst, 2009.

FIGURES



Source: USGS Topographic Map. Ashaway, RI, Quadrangle. 2015.

0 0.2 0.4 0.8 Miles

O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

293 Bridge Street, Suite 500
Springfield, Massachusetts 01103

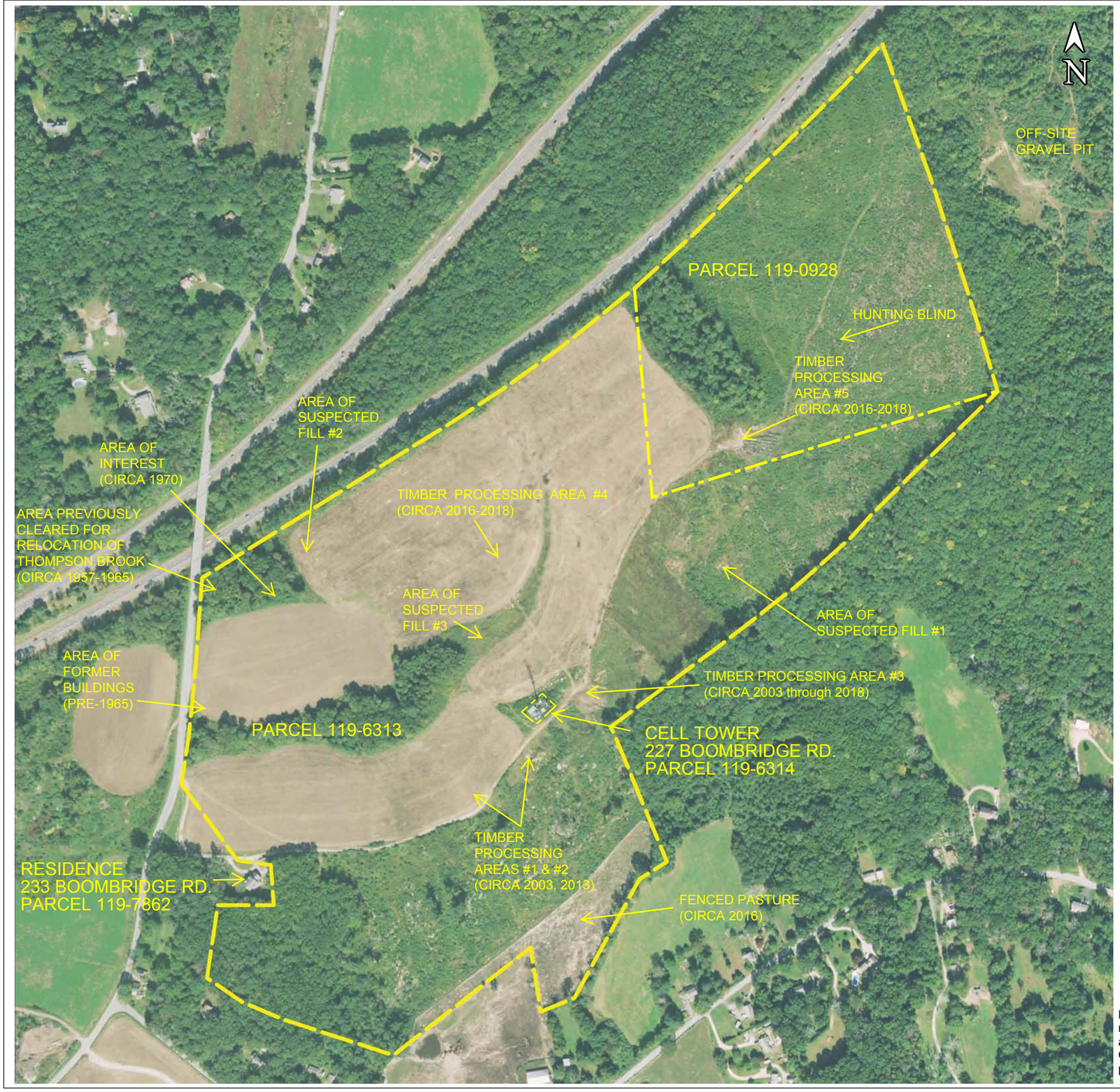
Phone: 413-788-6222
www.oto-env.com

PARCELS 119-6313 & 119-0928
BOOM BRIDGE ROAD
NORTH STONINGTON, CONNECTICUT

SITE Locus

June 2019

Figure 1



NOTES:The information depicted on this map is for conceptual purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses. All features, locations and data shown on this image are approximate. O'Reilly, Talbot & Okun Associates, Inc. are not responsible for any use for other purposes or misuse or misrepresentation of this image.

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Source: ERIS. NAIP 2018.

Aerial image: 2018
Located: June 2019

PARCELS 119-6313 & 119-0928
BOOM BRIDGE ROAD
NORTH STONINGTON, CT

SITE MAP

PROJECT NO.
1305-50-01

FIGURE NO.
2

APPENDIX A

TERMS & CONDITIONS OF ENGAGEMENT

THESE TERMS AND CONDITIONS AND THE "PROPOSAL DATED MAY 10, 2019 SUBMITTED BY O'REILLY, TALBOT & OKUN ASSOCIATES, INC. ("COMPANY") TO VHB INC. ("CLIENT"), MAKE UP THE "AGREEMENT" BETWEEN CLIENT AND COMPANY.

1. SERVICES AND STANDARD OF CARE: THE SERVICES REFERENCED IN OUR PROPOSAL DATED MAY 10 2019 WILL BE PERFORMED FOR THE EXCLUSIVE USE OF CLIENT. SERVICES PERFORMED BY COMPANY UNDER THIS AGREEMENT WILL BE CONDUCTED IN A MANNER CONSISTENT WITH THAT LEVEL OF CARE AND SKILL ORDINARILY EXERCISED BY MEMBERS OF THE PROFESSION CURRENTLY PRACTICING IN THE SAME LOCALITY UNDER SIMILAR CONDITIONS. NO OTHER REPRESENTATION, EXPRESSED, OR IMPLIED, AND NO WARRANTY OR GUARANTY IS INCLUDED OR INTENDED IN THIS AGREEMENT, OR IN ANY REPORT, OPINION, DOCUMENT, OR OTHERWISE.

2. GOVERNING LAW; SEVERABILITY: THIS AGREEMENT SHALL BE GOVERNED AND ENFORCEABLE IN ACCORDANCE WITH THE LAWS OF CONNECTICUT. ANY ELEMENT OF THIS AGREEMENT LATER HELD TO VIOLATE A LAW OR REGULATION SHALL BE DEEMED VOID, AND ALL REMAINING PROVISIONS SHALL CONTINUE IN FORCE.

3. ASSIGNMENT: NEITHER PARTY TO THIS AGREEMENT SHALL ASSIGN ITS DUTIES AND OBLIGATIONS HEREUNDER WITHOUT PRIOR WRITTEN CONSENT OF THE OTHER PARTY, EXCEPT THAT COMPANY MAY USE THE SERVICES OF PERSONS AND ENTITIES NOT IN ITS EMPLOY, WHEN IT IS NECESSARY OR COMPANY DEEMS APPROPRIATE. SUCH PERSONS AND ENTITIES MAY INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO; SURVEYORS, SPECIALTY CONSULTANTS, DRILLING CONTRACTORS, AND TESTING LABORATORIES.

4. TERMINATION: CLIENT MAY TERMINATE THIS AGREEMENT WITHOUT PENALTY UPON SEVEN (7) CALENDAR DAYS WRITTEN NOTICE TO COMPANY, PROVIDED, THAT CLIENT SHALL BE OBLIGATED PURSUANT TO THE TERMS HEREOF FOR ALL SERVICES PERFORMED AND OBLIGATIONS INCURRED BY COMPANY ON CLIENT'S BEHALF AS OF THE EFFECTIVE DATE OF TERMINATION. SUCH SERVICES SHALL INCLUDE THOSE RENDERED UP TO THE DATE OF TERMINATION, AS WELL AS THOSE REASONABLE COSTS ASSOCIATED WITH THE TERMINATION ITSELF, SUCH AS DEMOBILIZATION.

COMPANY MAY TERMINATE THIS AGREEMENT UPON SEVEN (7) CALENDAR DAYS WRITTEN NOTICE TO CLIENT OF NONPAYMENT OF INVOICES WITHIN THE THIRTY (30) DAY PERIOD DESCRIBED IN ARTICLE 5 OF THIS AGREEMENT. IN THE EVENT OF TERMINATION FOR NONPAYMENT OF INVOICES CLIENT WILL BE RESPONSIBLE FOR ALL REASONABLE TERMINATION COSTS INCURRED BY COMPANY,

5. PAYMENT: PAYMENT IS DUE UPON INVOICE PRESENTATION AND NO LATER THAN THIRTY (30) DAYS FROM INVOICE DATE. THE UNPAID BALANCE AFTER 30 DAYS WILL BE SUBJECT TO A FINANCE CHARGE OF 1-1/2 PERCENT PER MONTH, OR THE MAXIMUM LAWFUL ANNUAL INTEREST RATE, WHICHEVER IS LESS. ANY OBJECTION TO AN INVOICE MUST BE MADE BY CLIENT, IN WRITING, WITHIN 10 DAYS OF THE MAILING DATE OF INVOICE OR THE OBJECTION WILL BE WAIVED. THE UNPAID BALANCE AFTER 90 DAYS WILL BE SUBJECT TO COLLECTION CHARGES WHICH WILL INCLUDE REASONABLE ATTORNEY'S FEES, COURT COSTS, COMPANY EXPENSES AND PROFESSIONAL TIME AT STANDARD RATES SPENT IN CONNECTION WITH A COLLECTION ACTION.

6. RIGHT OF ENTRY: CLIENT SHALL PROVIDE TO COMPANY, AND ITS SUBCONTRACTORS, ACCESS TO ANY SITE NECESSARY TO PERFORM THE SCOPE OF SERVICES INCLUDED HEREUNDER. CLIENT UNDERSTANDS THAT CERTAIN TASKS, SUCH AS FIELD EXPLORATIONS, MAY CAUSE DAMAGE. THE COMPANY SHALL BE RESPONSIBLE FOR SUCH DAMAGES TO THE EXTENT CAUSED BY OUR NEGLIGENT ACTS.

7. UNDERGROUND STRUCTURES : IF SUBSURFACE EXPLORATIONS ARE PERFORMED, COMPANY WILL CONTACT THE APPROPRIATE GOVERNMENT OR PRIVATE AGENCY WHICH LOCATES SUBSURFACE UTILITIES. CLIENT WILL PROVIDE COMPANY WITH ALL PLANS AND OTHER INFORMATION IN CLIENT'S POSSESSION OR CONTROL CONCERNING SITE UNDERGROUND STRUCTURES. ON SITES NOT OWNED BY CLIENT, WE WILL REQUEST UTILITY LOCATIONS AND OTHER PLANS FROM THE SITE OWNER OR OTHER PERSON(S) DESIGNATED BY CLIENT. CLIENT AGREES TO ACCEPT THE RISKS OF DAMAGE AND LOSS ASSOCIATED WITH REPAIR OR RESTORATION OF ANY IMPROVEMENTS NOT LOCATED ON PLANS AND OR IDENTIFIED IN INFORMATION PROVIDED TO COMPANY.

8. SAMPLES/MANIFEST: UNLESS OTHERWISE REQUESTED IN WRITING, COMPANY MAY DISPOSE OF ALL SOIL, ROCK, WATER AND ALL OTHER SAMPLES THIRTY (30) DAYS AFTER COMPANY SUBMITS ITS FINAL REPORT FOR THE SERVICES DESCRIBED IN THIS AGREEMENT. UNLESS OTHERWISE INDICATED, COSTS ASSOCIATED WITH TESTING, STORAGE AND DISPOSAL OF ANY SAMPLES WHICH COULD BE CONSIDERED HAZARDOUS UNDER STATE OR FEDERAL LAW OR REGULATIONS HAVE NOT BEEN INCLUDED IN COST ESTIMATES PROVIDED TO CLIENT. ARRANGEMENTS FOR TRANSPORT, TREATMENT, STORAGE, AND DISPOSAL (INCLUDING SAMPLES NOT SO REMOVED), WILL BE MADE BY CLIENT, AT CLIENT'S EXPENSE.

9. FIELD OBSERVATION SERVICES: COMPANY'S SERVICES WILL NOT INCLUDE THE DIRECTION OR SUPERVISION OF A CONTRACTOR OR SUBCONTRACTOR OTHER THAN THOSE CONTRACTED DIRECTLY BY COMPANY. OUR SERVICES DO NOT INCLUDE RESPONSIBILITY FOR HEALTH AND SAFETY PRACTICES PERFORMED BY OTHERS ON THE SITE.

10. OWNERSHIP OF DOCUMENTS: ALL REPORTS, BORING LOGS, FIELD DATA, FIELD NOTES, LABORATORY TEST DATA, CALCULATIONS, ESTIMATES, AND OTHER DOCUMENTS PREPARED BY COMPANY AS INSTRUMENTS OF SERVICE SHALL REMAIN THE SOLE PROPERTY OF COMPANY. COMPANY SHALL RETAIN RECORDS FOR A PERIOD OF THREE YEARS. AT CLIENT'S REQUEST, COMPANY WILL PROVIDE REASONABLE ACCESS OR COPIES OF SUCH DOCUMENTS. REPRODUCTION COSTS WILL BE AT CLIENT'S EXPENSE.

11. DISCLOSURE OF INFORMATION: CLIENT WILL INFORM COMPANY OF ALL INFORMATION IN CLIENT'S POSSESSION OR CONTROL RELEVANT TO THE PERFORMANCE OF COMPANY'S SERVICES. THIS INFORMATION INCLUDES, BUT IS NOT LIMITED TO ALL PRIOR SITE REPORTS, WASTE DISPOSAL MANIFESTS, PERMITS, AND ANALYTICAL DATA. CLIENT WILL INDEMNIFY, DEFEND, AND HOLD COMPANY HARMLESS OF AND FROM ALL LOSS OR DAMAGE RESULTING FROM ANY CLAIM THAT ARISES, IN WHOLE OR IN PART, AS A RESULT OF INFORMATION CLIENT FAILS TO DISCLOSE TO COMPANY.

12. THIRD PARTY RIGHTS: UNLESS OTHERWISE SPECIFIED IN THE AGREEMENT, THE AGREEMENT SHALL NOT CREATE ANY RIGHTS OR BENEFITS TO PARTIES OTHER THAN CLIENT AND COMPANY.

13. LIMITATION OF PROFESSIONAL LIABILITY: CLIENT AGREES TO LIMIT COMPANY'S LIABILITY TO CLIENT AND ALL THIRD PARTIES ARISING FROM COMPANY'S PROFESSIONAL ACTS, ERRORS, AND OMISSIONS, SUCH THAT THE AGGREGATE LIABILITY OF COMPANY AND ITS EMPLOYEES, AND PERSONS OR ENTITIES ACTING ON COMPANY'S BEHALF SHALL NOT EXCEED $ 50,000 OR COMPANY'S TOTAL FEE FOR SERVICES UNDER THIS AGREEMENT, WHICHEVER IS GREATER.

COMPANY MAY, UPON CLIENT'S WRITTEN REQUEST, AGREE TO INCREASE THE ABOVE LIMIT OF COMPANY'S PROFESSIONAL LIABILITY IN CONSIDERATION OF PAYMENT BY CLIENT OF ADDITIONAL MONETARY AND OTHER CONSIDERATION.

14. LICENSED ENVIRONMENTAL PROFESSIONAL SERVICES: IN CONDUCTING CERTAIN ENVIRONMENTAL SERVICES COMPANY EMPLOYEES MAY ACT IN THEIR CAPACITY AS REGISTERED LICENSED ENVIRONMENTAL PROFESSIONALS (LEPs), IN ACCORDANCE WITH THE CONNECTICUT REMEDIATION STANDARD REGULATIONS (RSRs). CLIENT ACKNOWLEDGES THAT IN PERFORMING THESE SERVICES THE COMPANY, THROUGH ITS LEPs, IS BOUND BY STATE LAW TO MEET THE REQUIREMENTS OF THE RSRs. CLIENT FURTHER ACKNOWLEDGES THAT THE COMPANY'S DUTY TO COMPLY WITH STATE LAW MAY IN SOME INSTANCES CONFLICT WITH CLIENT INTERESTS; IN THESE CASES THE COMPANY WILL SEEK TO COMPLY WITH THE LAW.

THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION (DEEP) CONDUCTS RANDOM AND TARGETED AUDITS OF A HIGH PERCENTAGE OF LEP VERIFICATIONS. CLIENT ACKNOWLEDGES THAT CLIENT IS RESPONSIBLE FOR ALL COSTS ARISING OUT OF COMPANY'S ACTIONS TO COMPLY WITH DEP REQUESTS DURING AN AUDIT, INCLUDING COMPANY'S FEES FOR TIME AND MATERIALS USED IN PREPARING RESPONSES. THESE COSTS ARE NOT INCLUDED IN COMPANY'S CURRENT BUDGET FOR THIS PROPOSAL, UNLESS THE PROPOSAL SPECIFICALLY STATES OTHERWISE.

APPENDIX B

APPENDIX C

ASTM E1527-13
Pre-Site Visit Data Request

In order to meet the AAI standard, the environmental professional (OTO) preparing the report should be provided with the following information about the Site either prior to or at the time of the Site Visit for review from the property owner, Key Site Manager and Report User:

1. Environmental Site Assessment Reports;
2. Environmental compliance audit reports;
3. Environmental Permits;
4. Registrations for underground and above ground storage tanks;
5. Registrations for underground injection systems;
6. Material Safety Data Sheets;
7. Community Right to Know Plans;
8. Plans (Safety Plans; Preparedness and Prevention Plans; Spill Prevention, Countermeasure and Control Plans, etc);
9. Reports regarding hydrogeologic conditions on the property or surrounding area;
10. Notices or correspondence from any government agency relating to past or current violations of environmental laws or liens regarding the Site;
11. Hazardous waste generator notices or reports;
12. Geotechnical studies;
13. Risk Assessments; and
14. Recorded Activity and Use Limitations.

In addition, the property owner, Key Site Manager and Report User shall indicate whether they are aware of pending, threatened or past litigation, administrative proceedings, or notices from any governmental agency relevant to hazardous substances or petroleum products at or regarding the Site either prior to or at the time of the Site Visit.

Failure to provide the above information will be interpreted as lack of knowledge of the described items.

ASTM E1527-13
User Questionnaire

Site Name and Address: **233 Boombridge Road, North Stonington CT**

Owner: Charles Grey - broker

Occupant: Agricultural land

Form Completed By: Zach Sawicki Date: 5/31/2019

Representing: Clean Focus Solar

In order to qualify for one of the landowner liability protections (LLPs) offered by the Small Business Liability Relief and Brownfield Revitalization Act of 2001 (the "Brownfields Amendments"), the user must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29., 312.30 and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The User should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

(1.) Did a search of recorded land title records (or judicial records where appropriate[1]) identify any environmental liens filed or recorded against the Property under federal, tribal, state or local law? If "yes", please list all that apply. None

(2.) Did a search of recorded land title records (or judicial records where appropriate[1]) identify any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the Property and/or have been filed or recorded against the Property under federal, tribal, state or local law? If "yes", please list all that apply. None

[1] In certain jurisdictions, federal, tribal, state, or local statues, or regulations specify that environmental liens and Activity and Use Limitations (AULs) be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

Do you have any specialized knowledge or experience related to the Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Property or an adjoining property so that you would have specialized knowledge of the chemical and processes used by this type of business? If "yes", please explain. Agricultural fields.

(3.) a) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? Lease price reflects fair market value.

b) If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Property? Fair market value.

(4.) Are you aware of commonly known or reasonably ascertainable information about the Property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

- Do you know of past uses of the property? If "yes", please list. Agricultural use.

- Do you know of specific chemicals that are or once were present at the property? If "yes", what kind of chemicals? Likely sprayed pesticides. No specific knowledge.

- Do you know of spills or other chemical releases that have taken place at the property? If "yes", please list. None.

- Do you know of any environmental cleanups that have taken place at the property? If “yes”, please list. None.

(5.) Based on your knowledge and experience related to the Property are there any obvious indicators that point to the presence or likely presence of releases at the Property? If “yes”, please explain. Unknown.

APPENDIX D

ENVIRONMENTAL RISK INFORMATION SERVICES

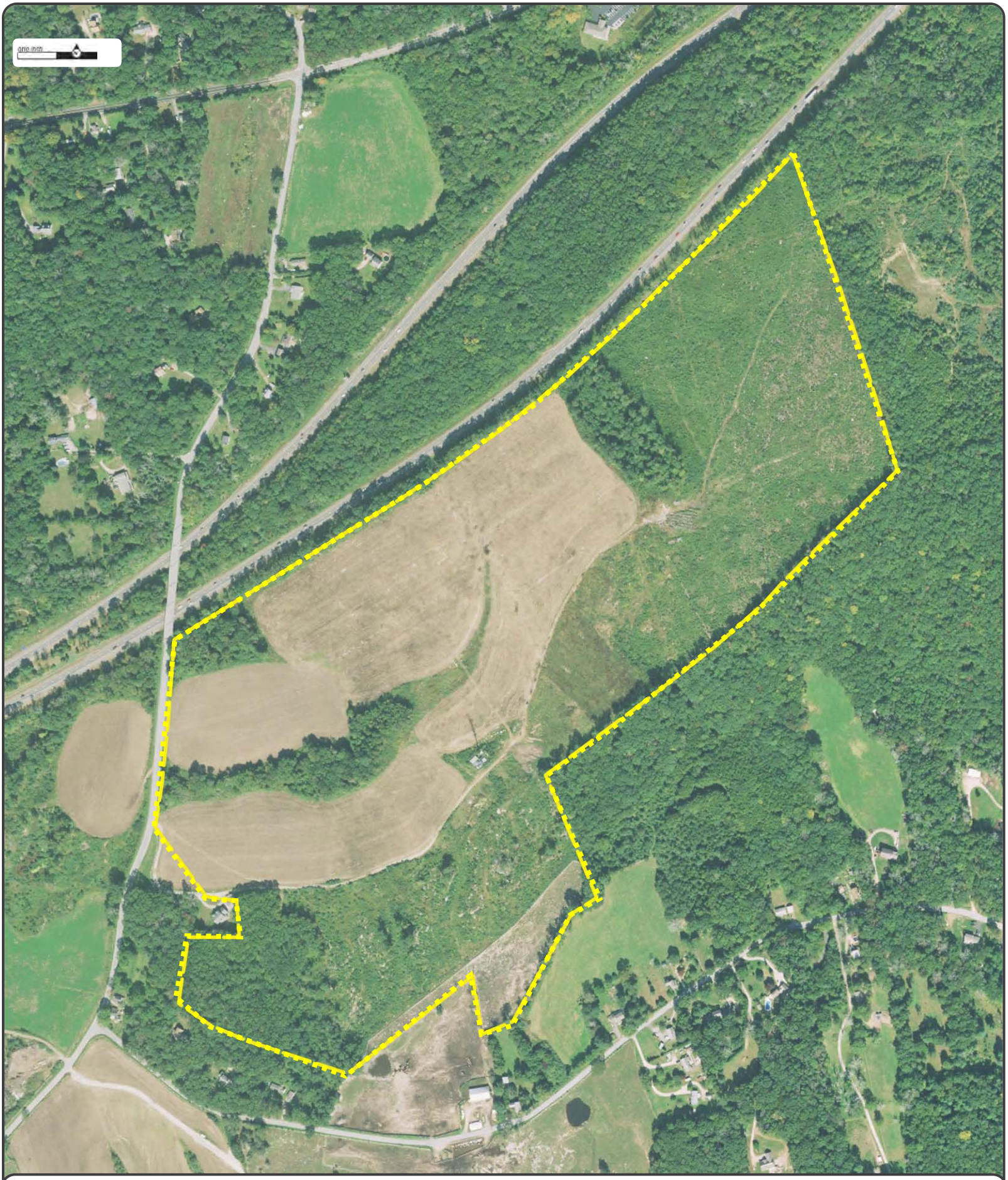
HISTORICAL AERIALS

Project Property:	*233 Boombridge Road, North stonington CT* *233 Boombridge Road* *Westerly, CT 02891*
Project No:	*1305-50-01*
Requested By:	*O'Reilly, Talbot & Okun Associates, Inc.*
Order No:	*20190610093*
Date Completed:	*June 11, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Search Results Summary

Year	Source	Scale	Comment
2018	**NAIP** - National Agriculture Information Program	1"=500'	
2016	**NAIP** - National Agriculture Information Program	1"=500'	
2014	**NAIP** - National Agriculture Information Program	1"=500'	
2012	**NAIP** - National Agriculture Information Program	1"=500'	
2010	**NAIP** - National Agriculture Information Program	1"=500'	
2008	**NAIP** - National Agriculture Information Program	1"=500'	
2006	**NAIP** - National Agriculture Information Program	1"=500'	
2005	**NAIP** - National Agriculture Information Program	1"=500'	
2001	**USGS** - US Geological Survey	1"=500'	
1992	**USGS** - US Geological Survey	1"=500'	
1986	**CTDEP** - Connecticut Department of Environmental Protection	1"=500'	
1974	**USGS** - US Geological Survey	1"=500'	
1970	**USGS** - US Geological Survey	1"=500'	
1965	**CTDEP** - Connecticut Department of Environmental Protection	1"=500'	
1957	**USGS** - US Geological Survey	1"=500'	
1951	**ASCS** - Agriculture and Soil Conservation Service	1"=500'	
1941	**ASCS** - Agriculture and Soil Conservation Service	1"=500'	
1934	**FAIRCHILD** - Private Company	1"=500'	



Year: **2018**
Source: **NAIP**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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Year: **2016**
Source: **NAIP**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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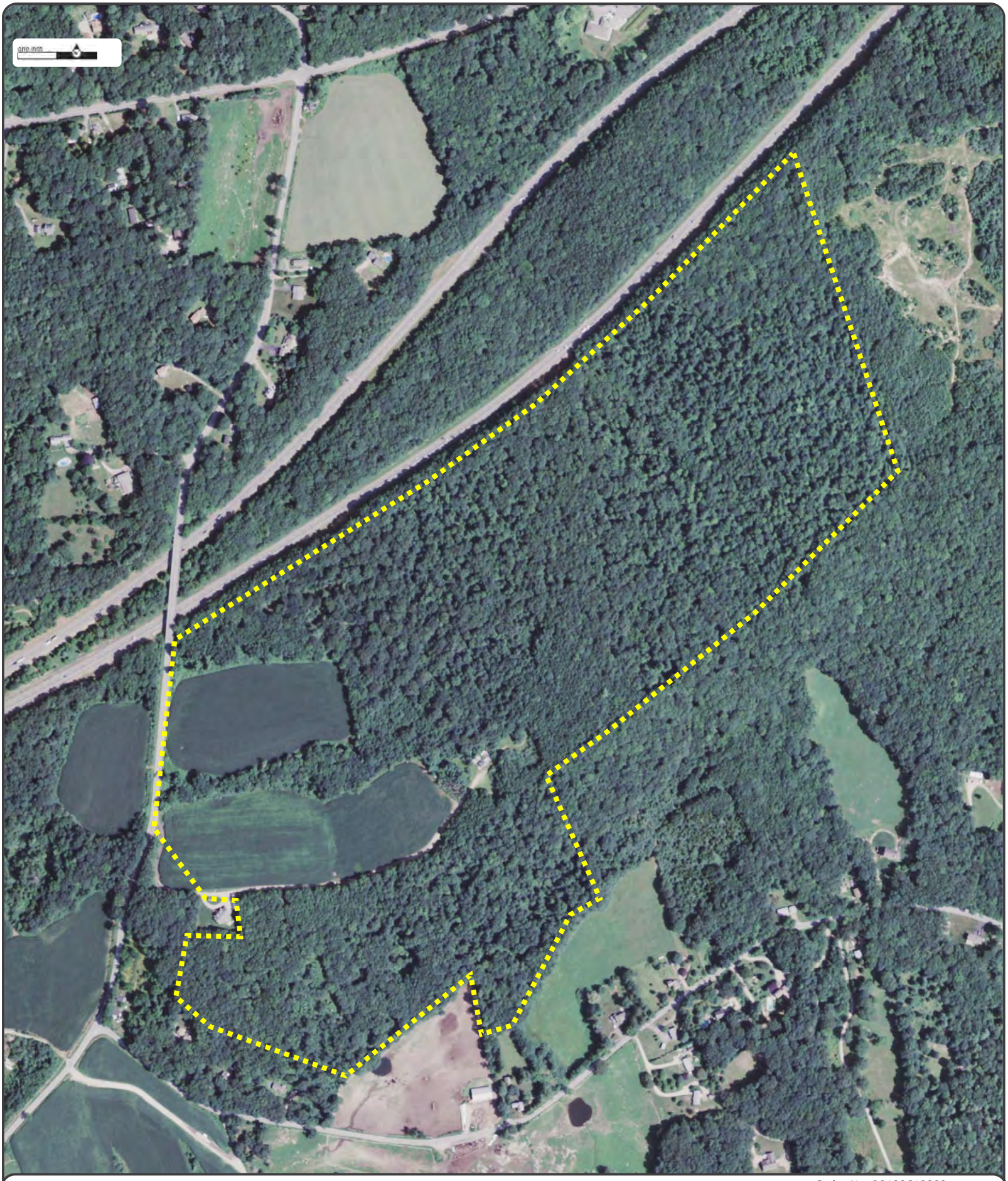

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Approx Center: 41.43011 / -71.80878

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Order No: 20190610093

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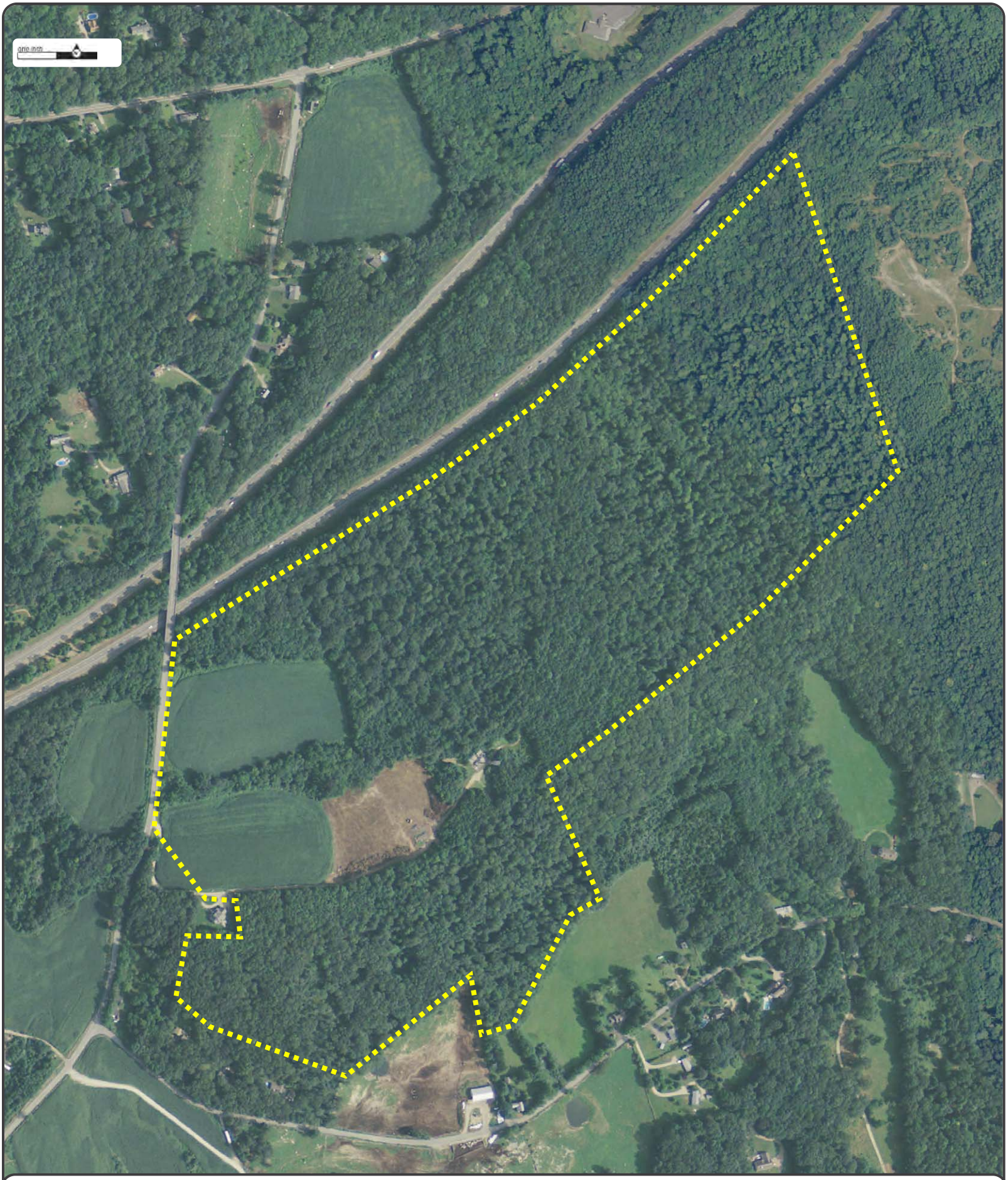

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Comments:

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Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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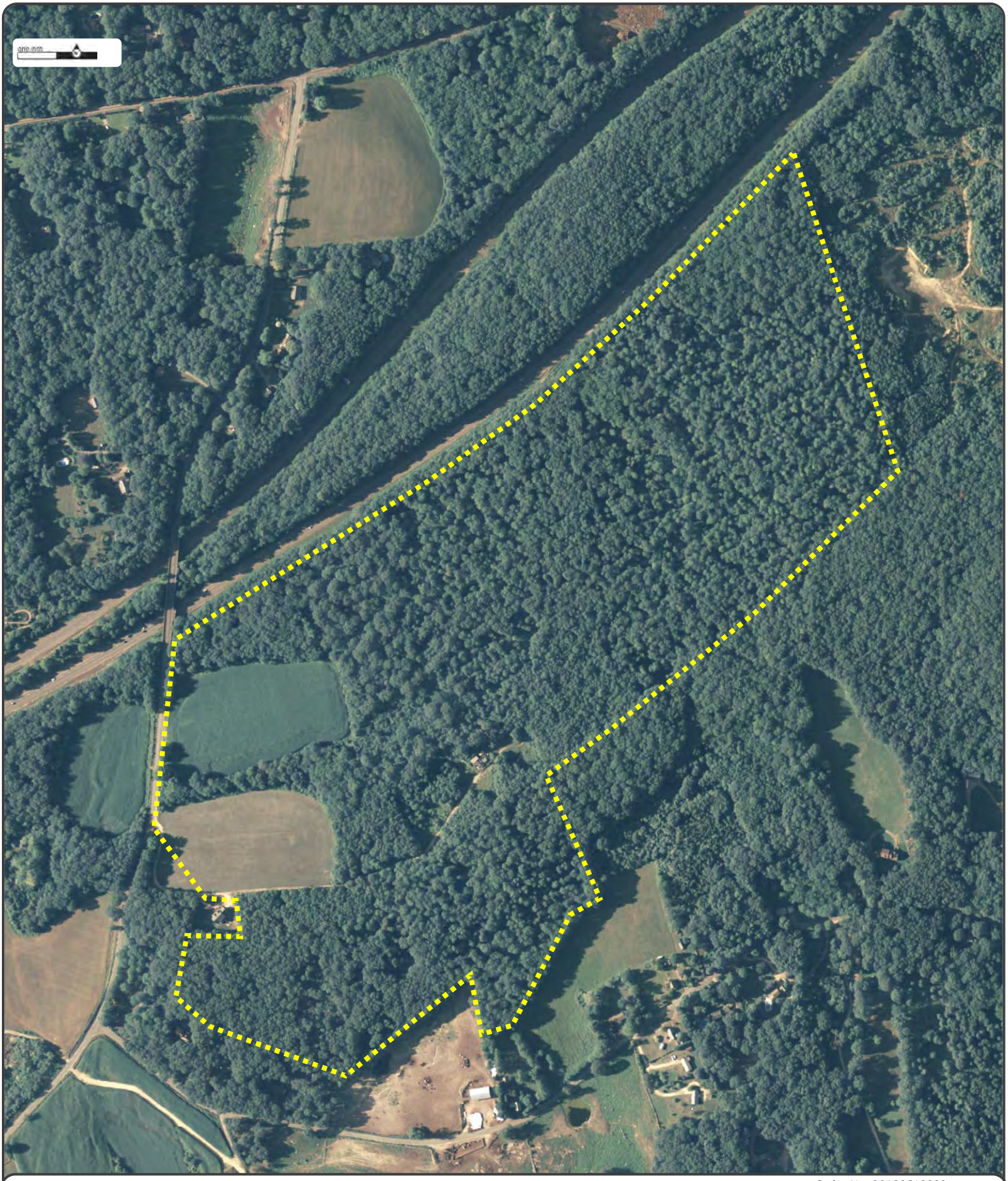

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Comments:

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Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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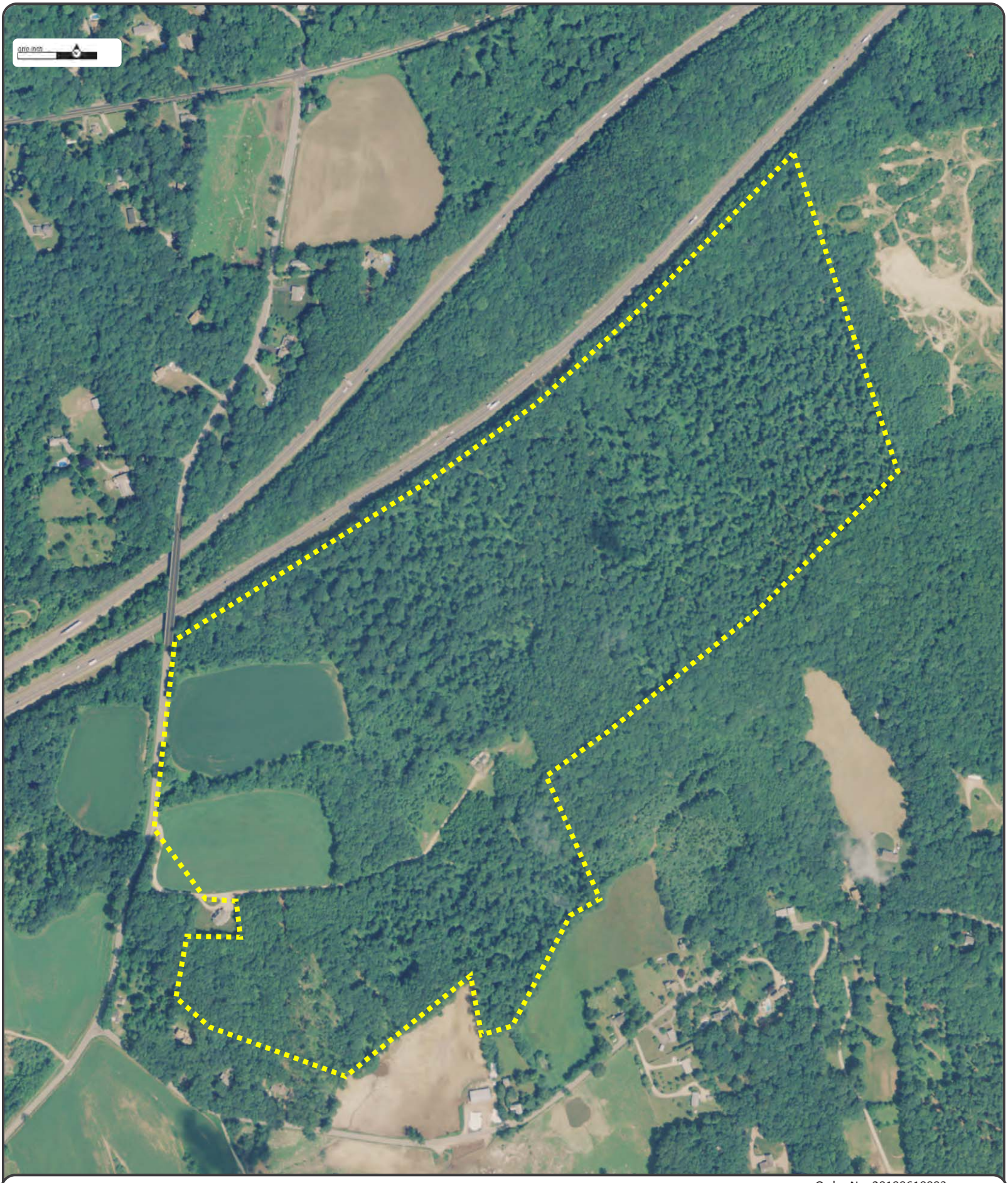

Year: **2008**
Source: **NAIP**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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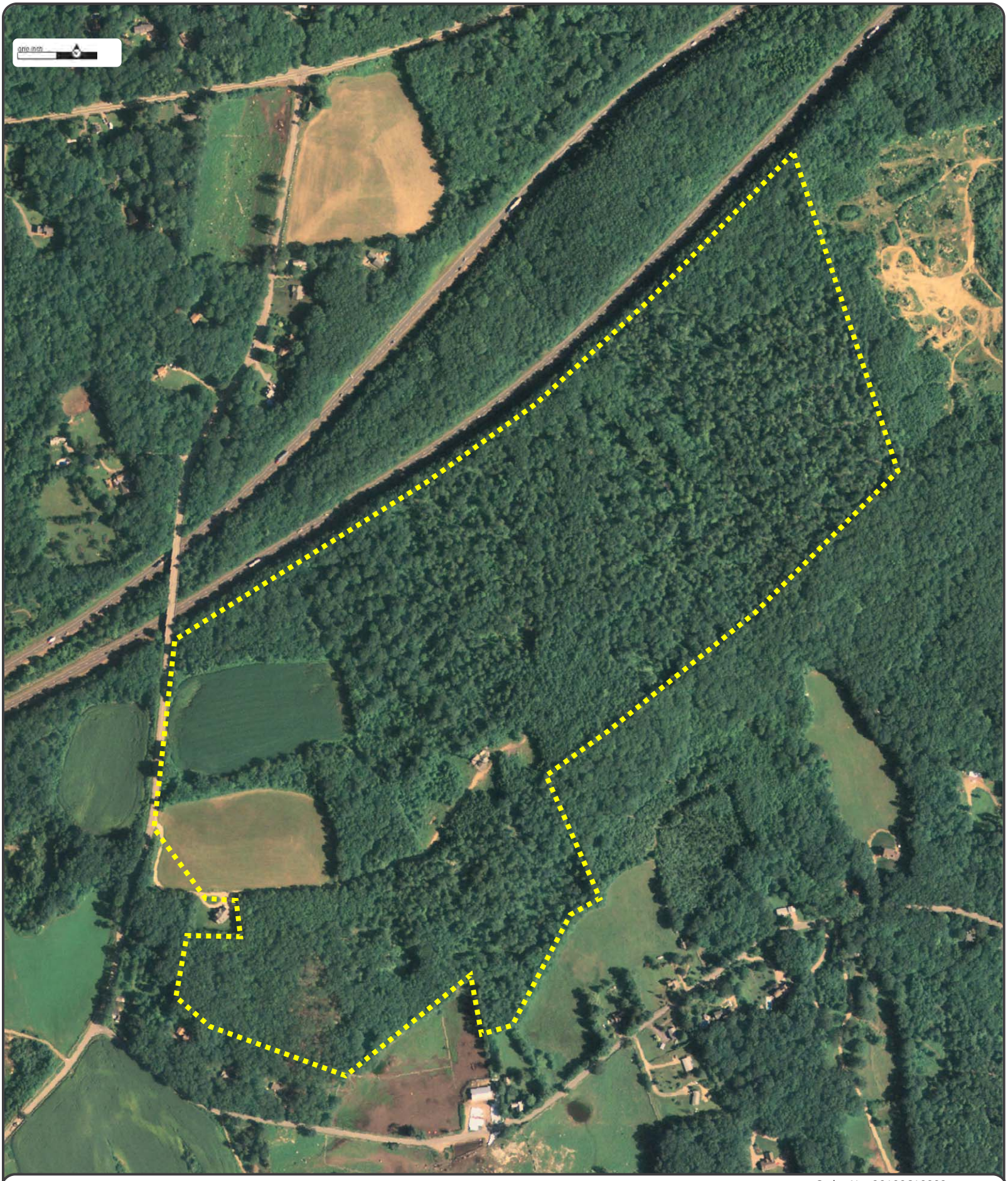

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Source: **NAIP**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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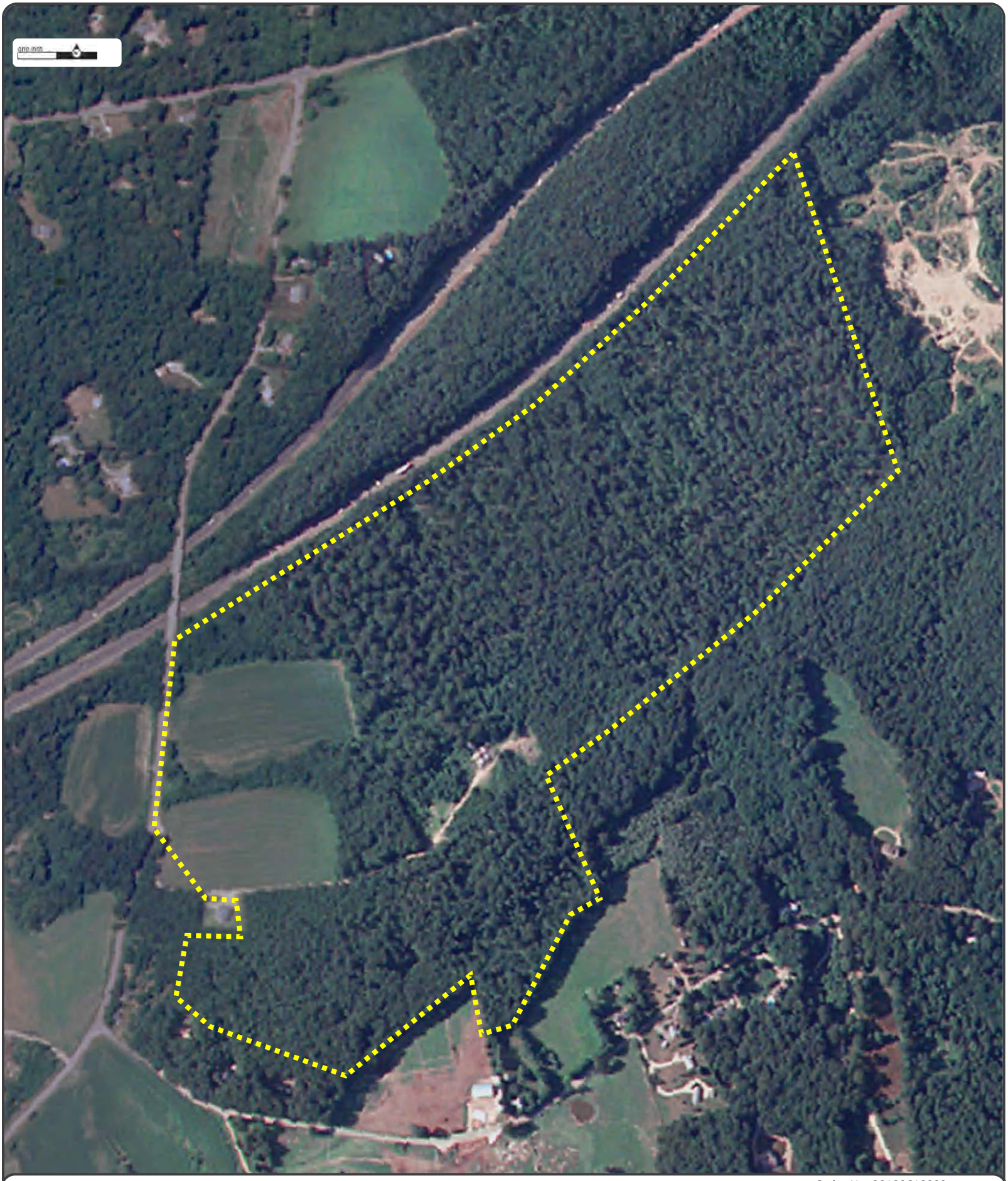

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Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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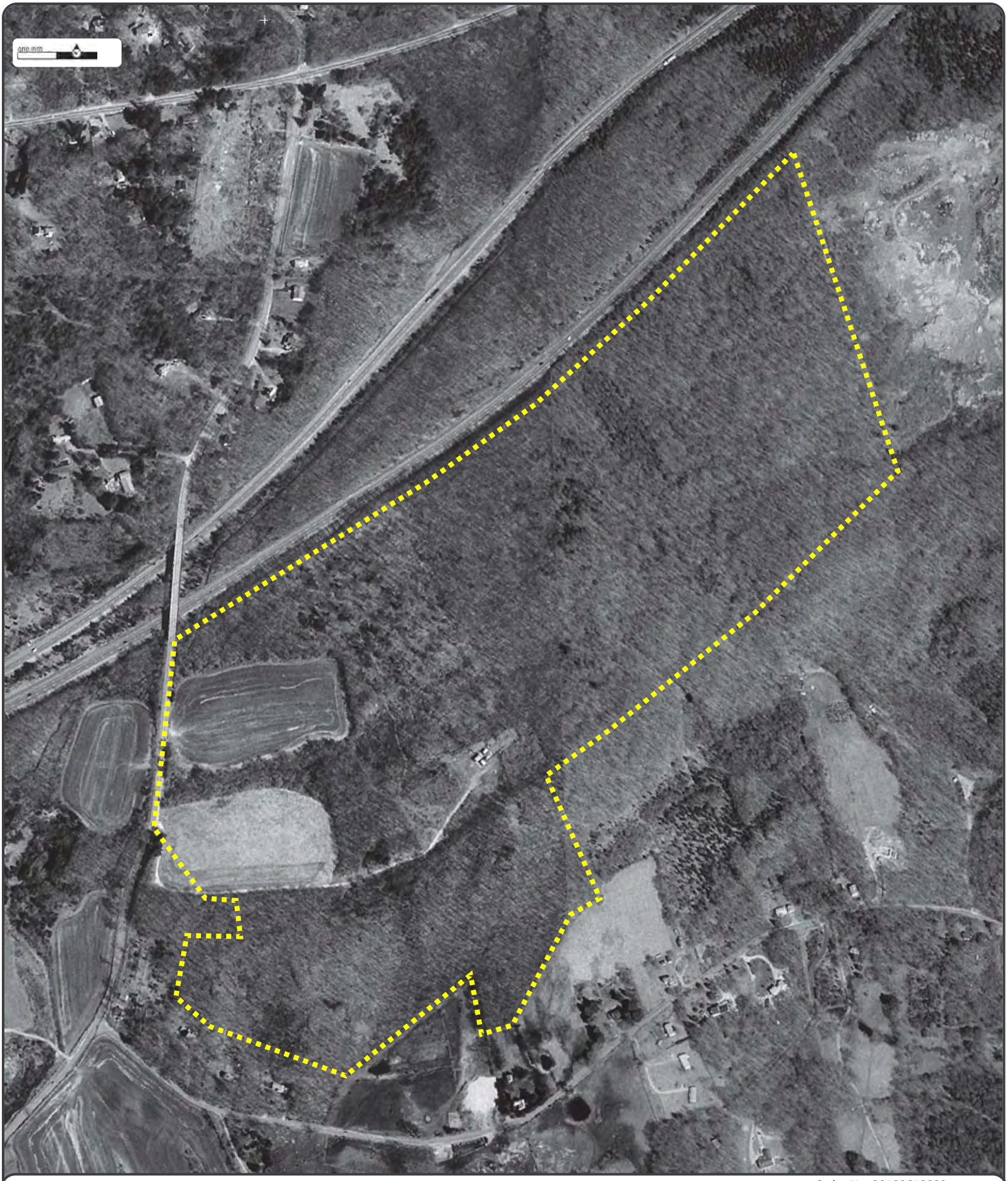

Year: **2001**
Source: **USGS**
Scale: **1" to 500'**
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Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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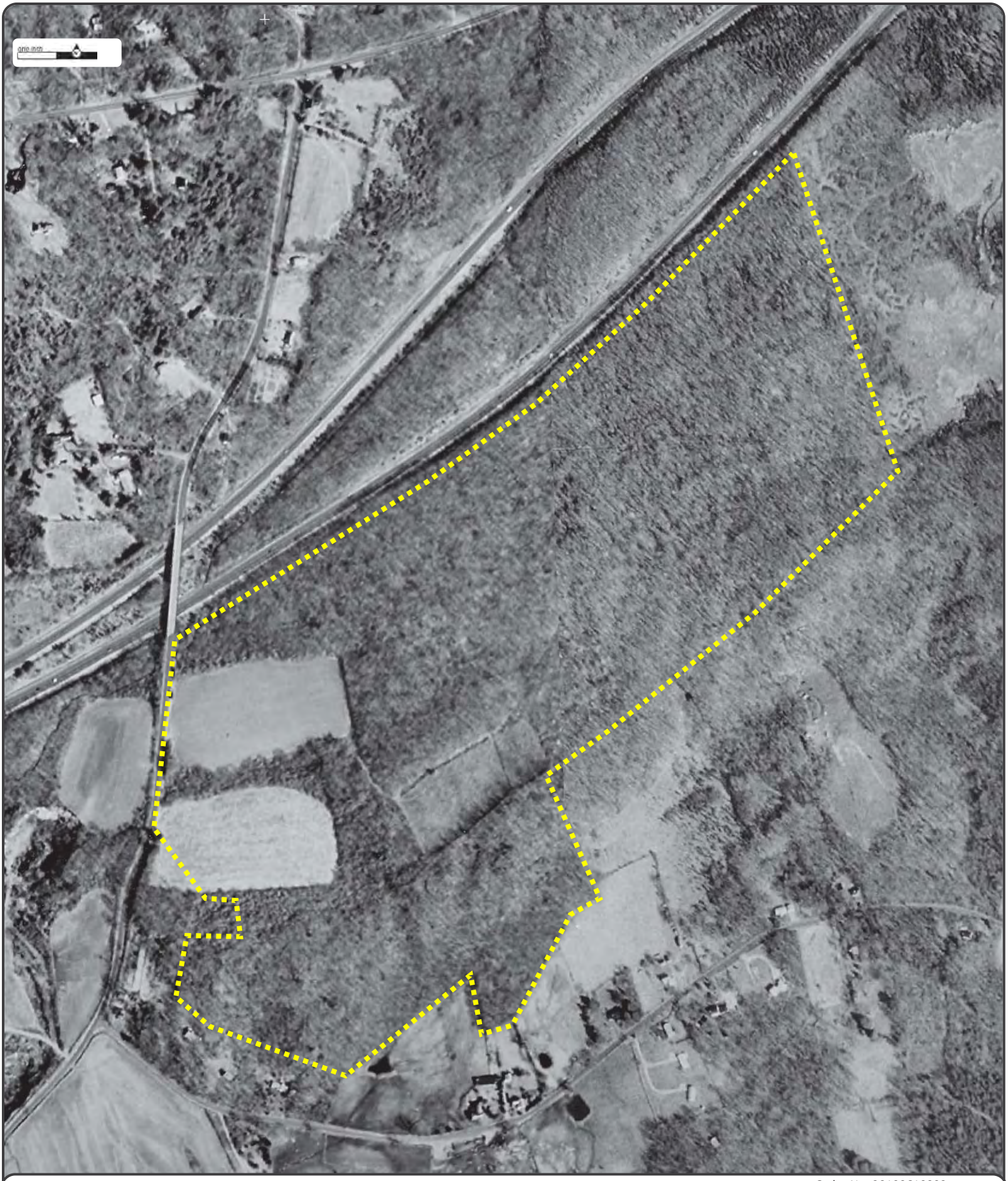

Year: **1992**
Source: **USGS**
Scale: **1" to 500'**
Comments:

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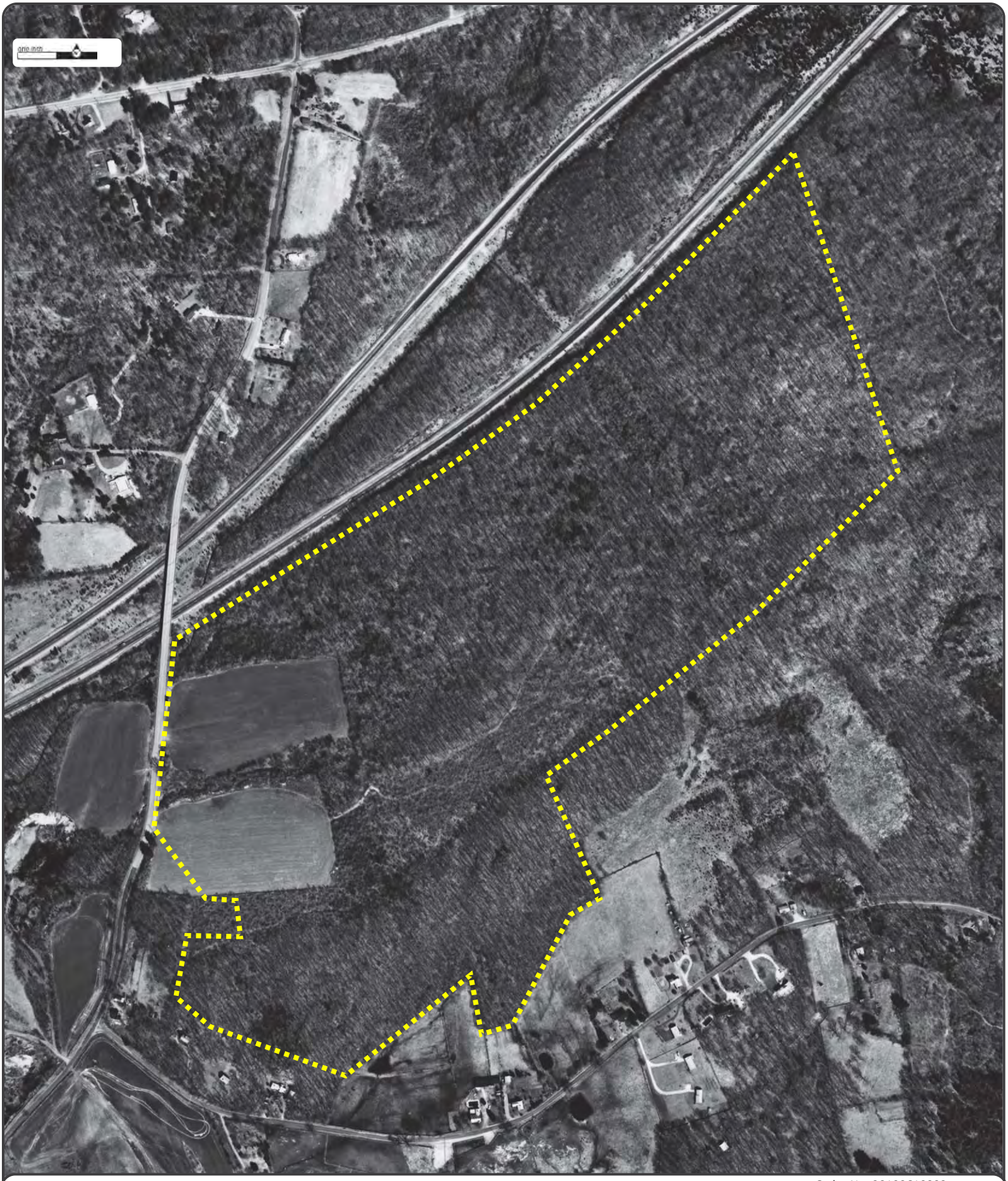
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

www.erisinfo.com | 1.866.517.5204



Year: **1986**
Source: **CTDEP**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

ERIS
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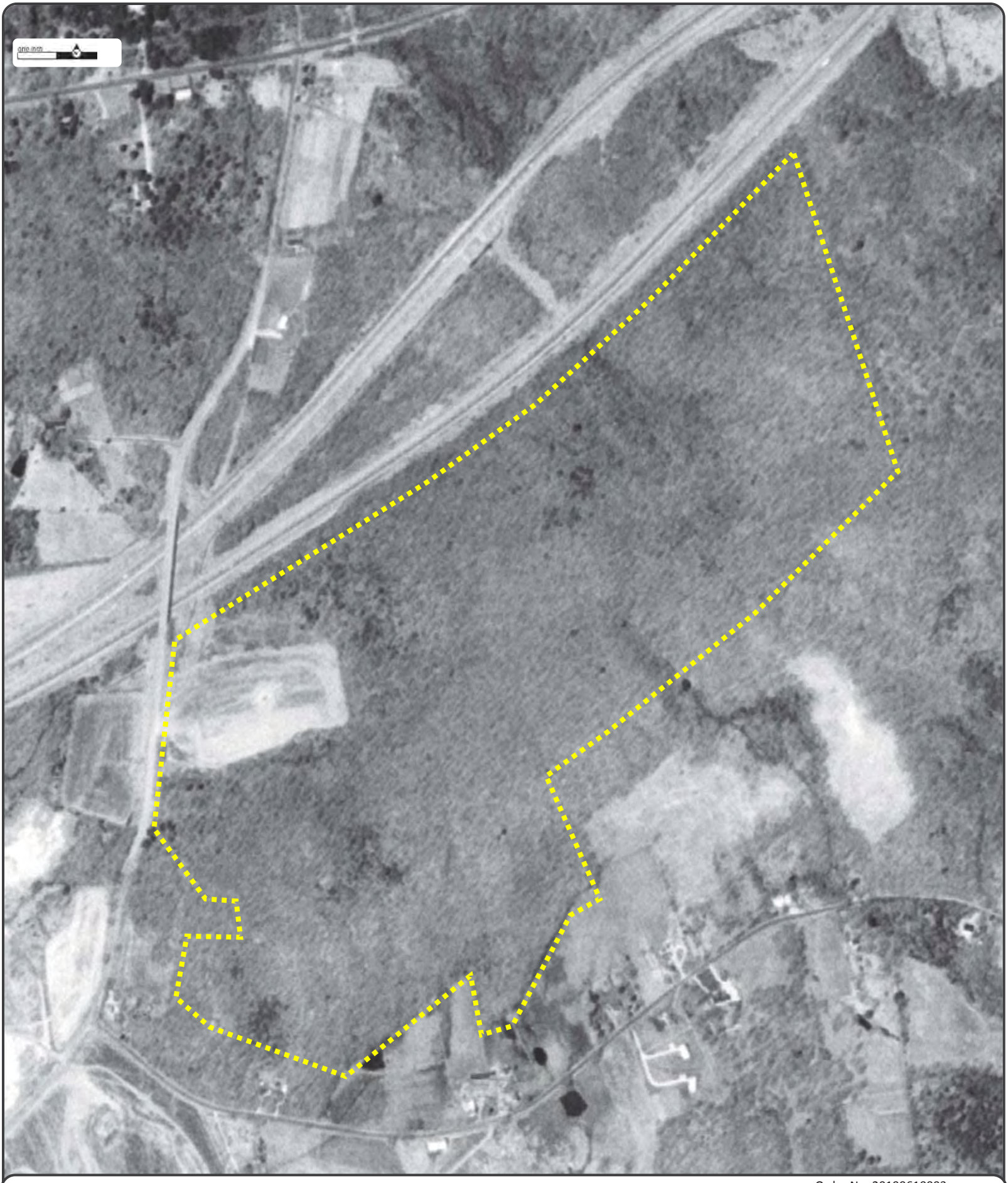

Year: **1974**
Source: **USGS**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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ENVIRONMENTAL RISK INFORMATION SERVICES

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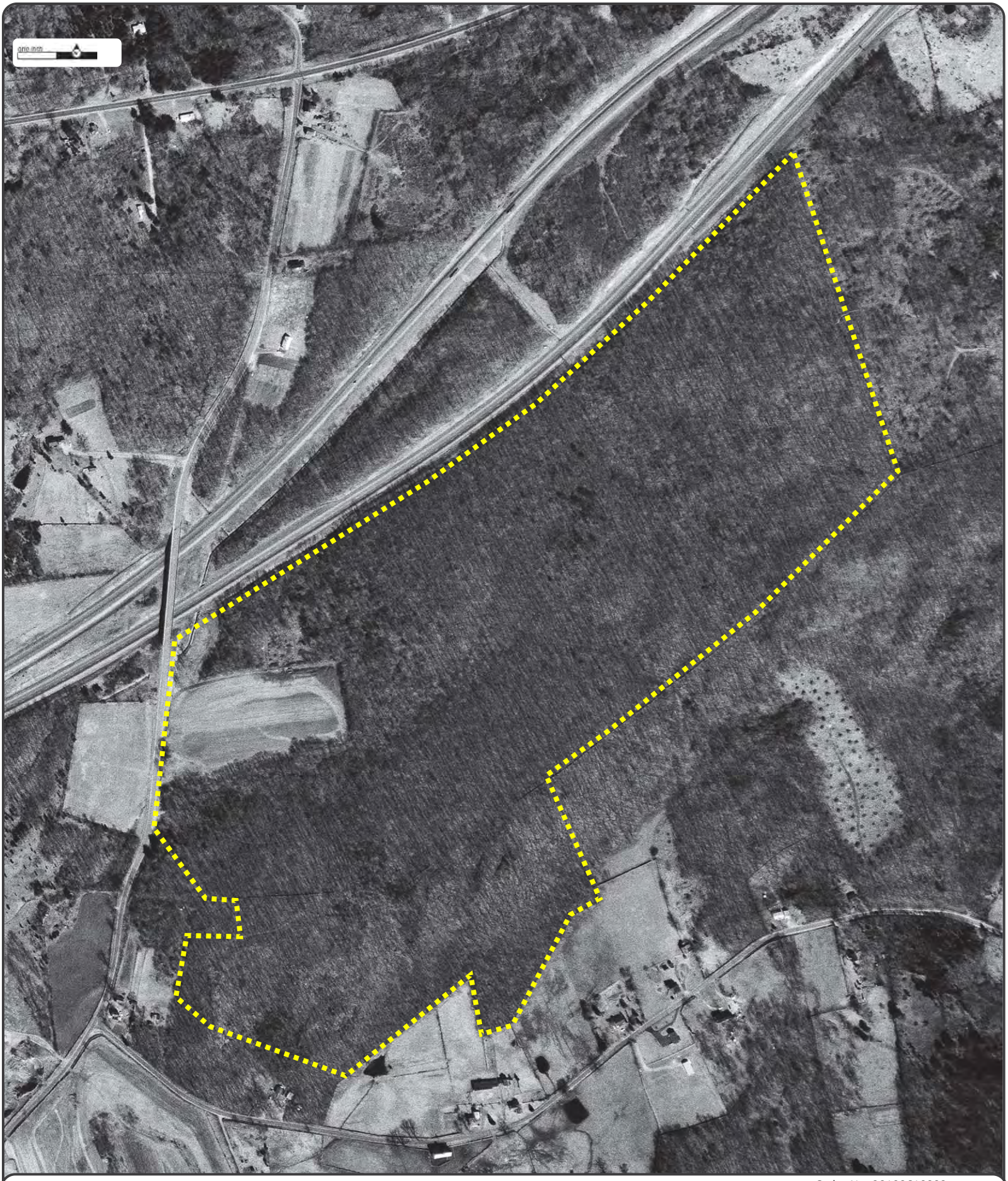

Year: **1970**
Source: **USGS**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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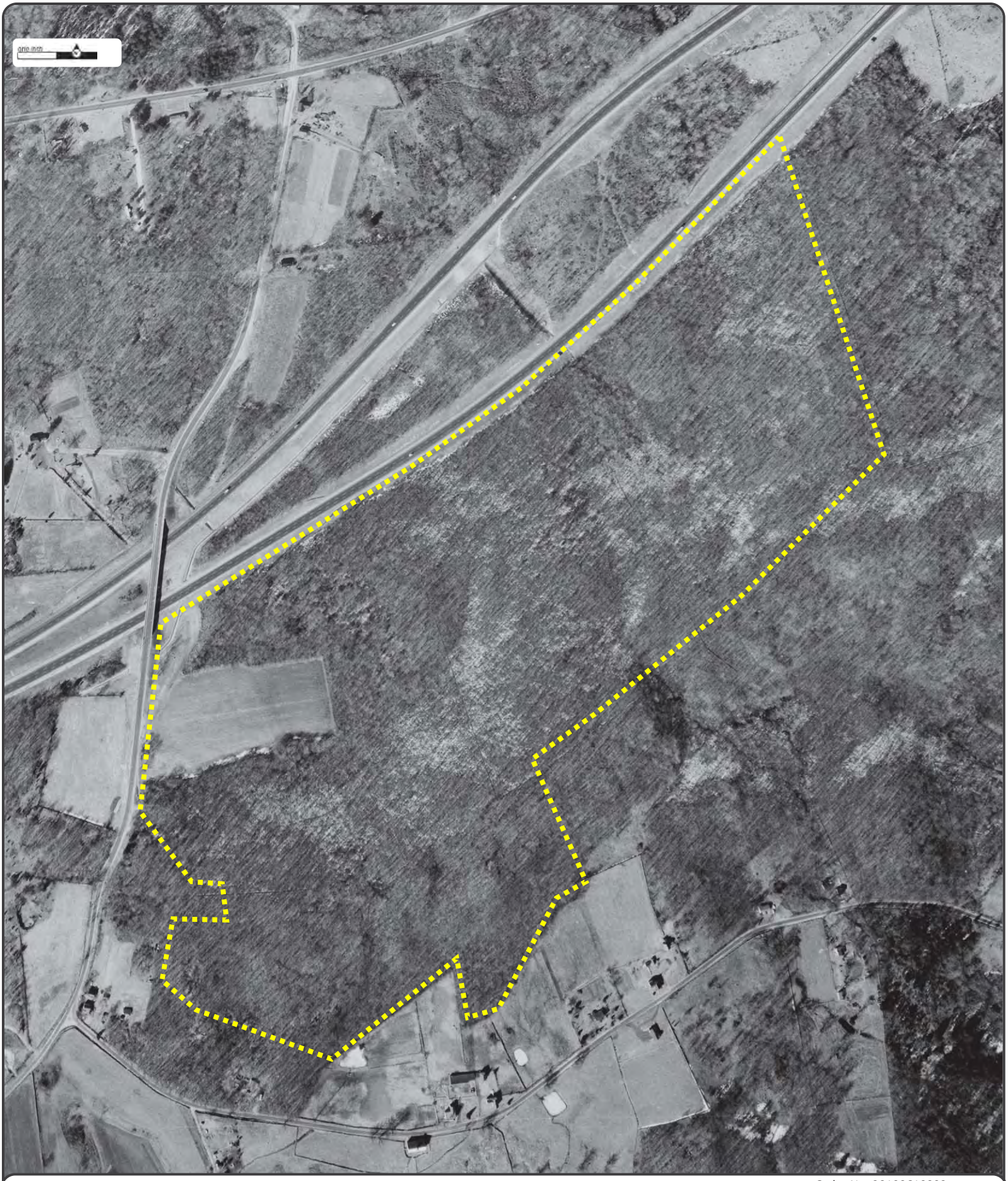

Year: **1965**
Source: **CTDEP**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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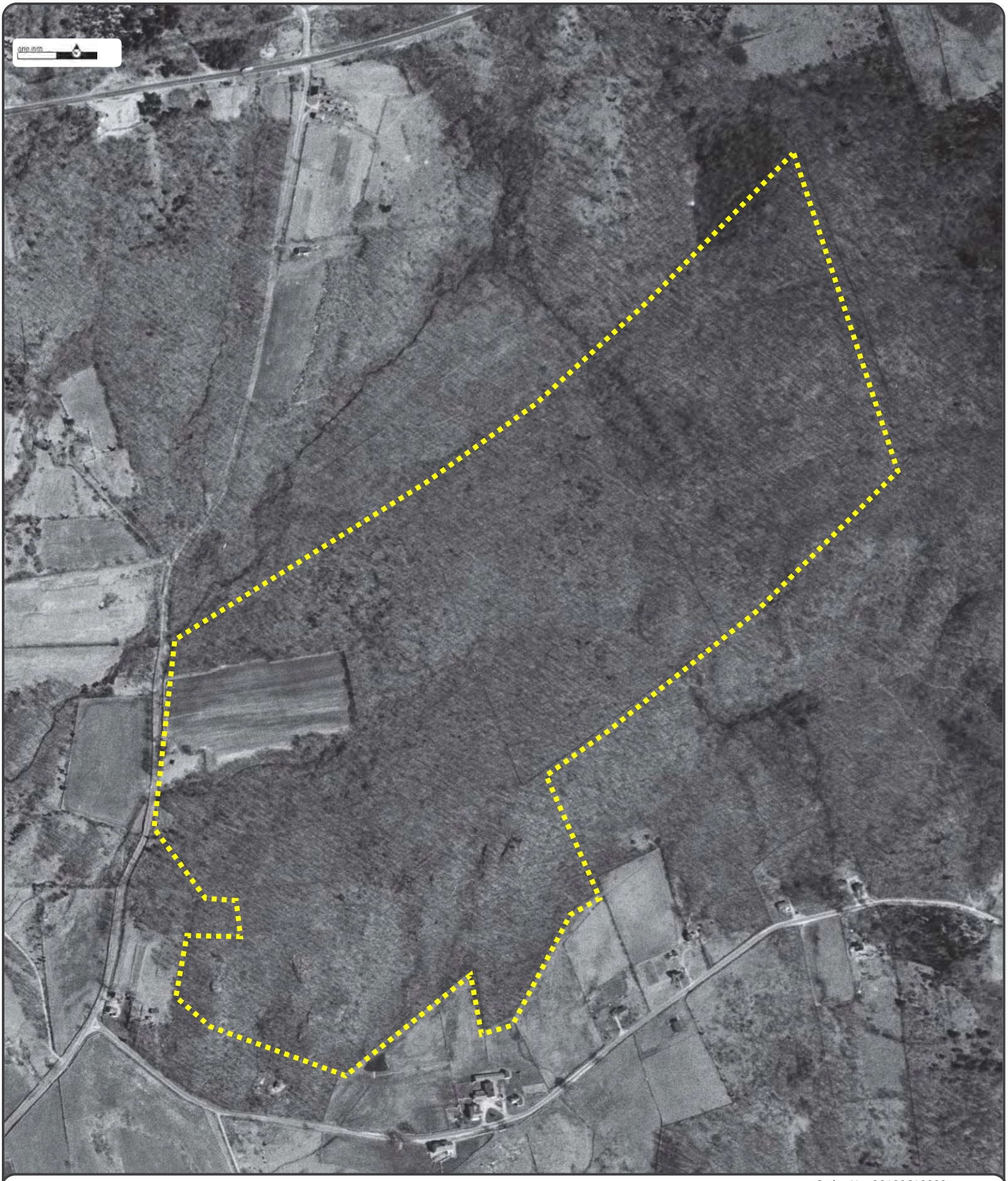

Year: **1957**
Source: **USGS**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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Year: **1951**
Source: **ASCS**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

ERIS
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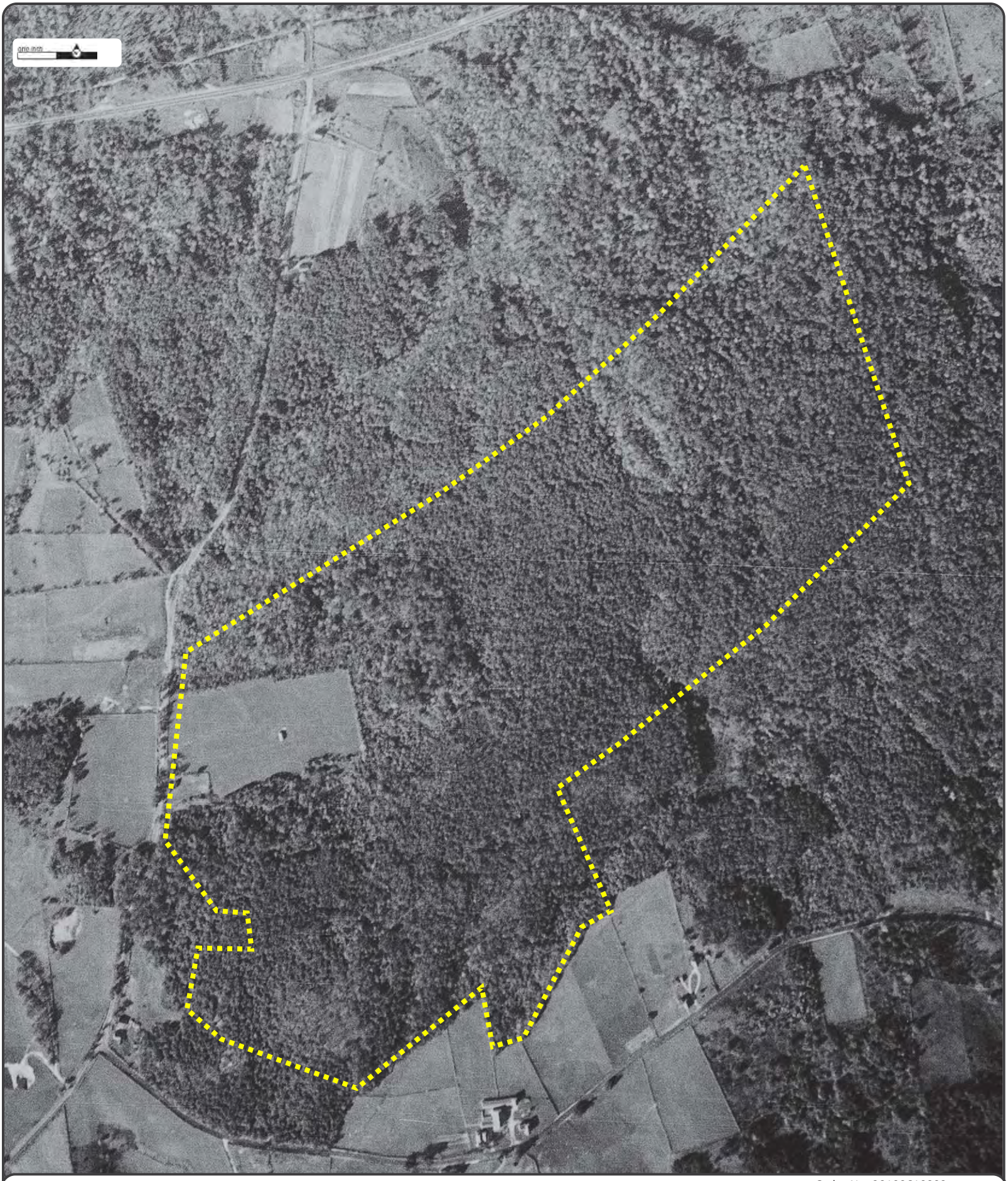

Year: **1941**
Source: **ASCS**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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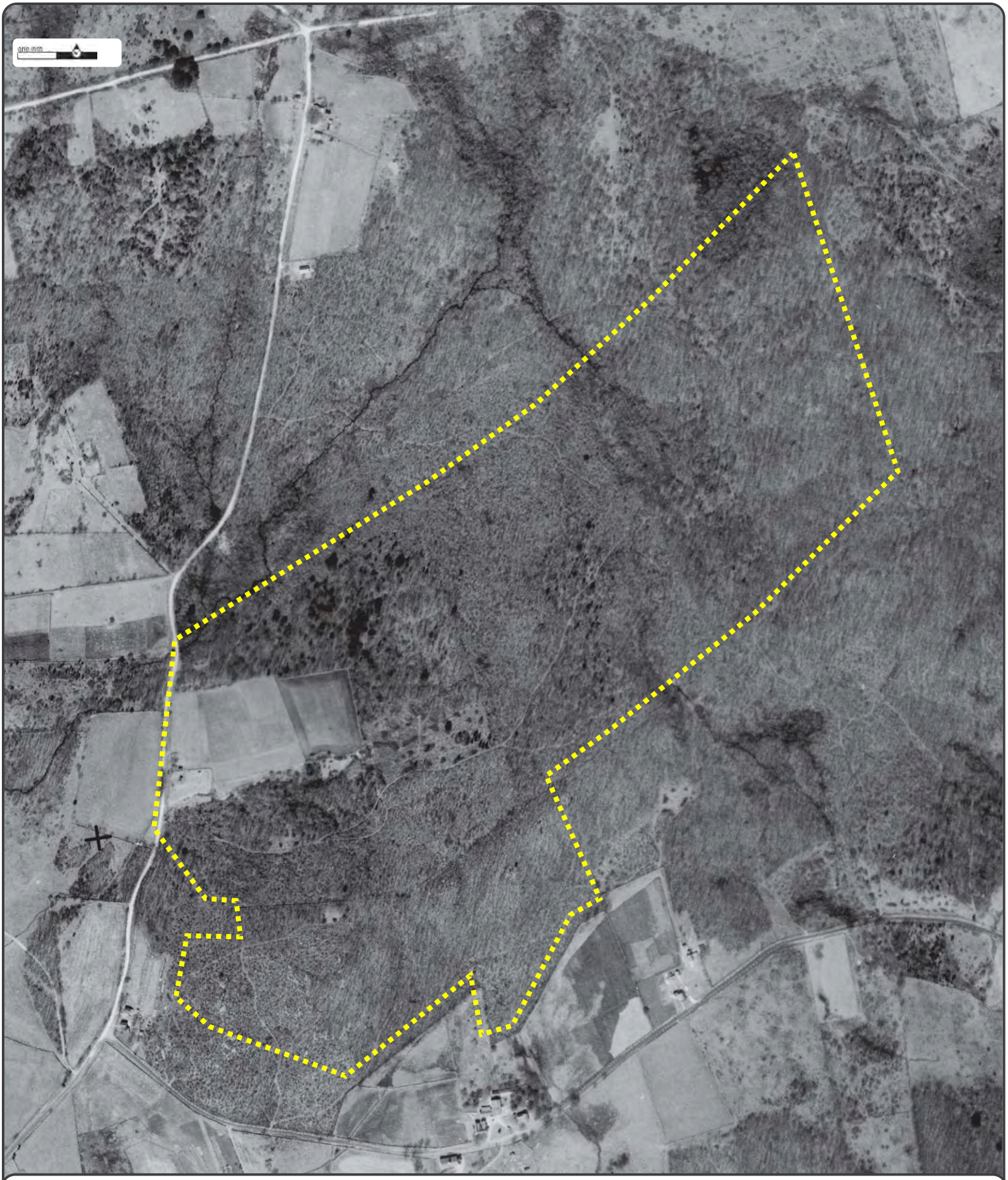

Year: **1934**
Source: **FAIRCHILD**
Scale: **1" to 500'**
Comments:

Site Address: 233 Boombridge Road Westerly CT
Approx Center: 41.43011 / -71.80878

N

Order No: 20190610093

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ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*233 Boombridge Road, North stonington CT* *233 Boombridge Road* *Westerly CT 02891*
Project No:	*1305-50-01*
Report Type:	*Database Report*
Order No:	*20190610093*
Requested by:	*O'Reilly, Talbot & Okun Associates, Inc.*
Date Completed:	*June 12, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:		*233 Boombridge Road, North stonington CT* *233 Boombridge Road Westerly CT 02891*
Project No:		*1305-50-01*
Coordinates:		
	Latitude:	*41.430131*
	Longitude:	*-71.808787*
	UTM Northing:	*4,590,315.60*
	UTM Easting:	*265,307.18*
	UTM Zone:	*UTM Zone 19T*
Elevation:		*183 FT*

Order Information:

Order No:	*20190610093*
Date Requested:	*June 10, 2019*
Requested by:	*O'Reilly, Talbot & Okun Associates, Inc.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (Boundaries)*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*PSR*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
SEMS	Y	.5	0	0	0	0	-	0
ODI	Y	.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	.5	0	0	0	0	-	0
CERCLIS	Y	.5	0	0	0	0	-	0
IODI	Y	.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	.5	0	0	0	0	-	0
RCRA LQG	Y	.25	0	0	0	-	-	0
RCRA SQG	Y	.25	0	0	0	-	-	0
RCRA CESQG	Y	.25	0	0	0	-	-	0
RCRA NON GEN	Y	.25	0	0	0	-	-	0
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	.5	0	0	0	0	-	0
FEMA UST	Y	.25	0	0	0	-	-	0
REFN	Y	.25	0	0	0	-	-	0
BULK TERMINAL	Y	.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
State								
SHWS	Y	1	0	0	0	0	0	0
DELISTED SHWS	Y	1	0	0	0	0	0	0
SWF/LF	Y	.5	0	0	0	0	-	0
LUST	Y	.5	0	0	0	5	-	5
DELISTED LST	Y	.5	0	0	0	0	-	0
UST	Y	.25	0	0	0	-	-	0
DELISTED TANKS	Y	.25	0	0	0	-	-	0
AUL	Y	.5	0	0	0	0	-	0
AST	Y	.25	0	0	0	-	-	0
VCP	Y	.5	0	0	0	1	-	1
BROWNFIELDS	Y	.5	0	0	0	0	-	0
CBRA BRWN	Y	.5	0	0	0	0	-	0
BROWNFIELDS	Y	.5	0	0	0	0	-	0
Tribal								
ILST	Y	.5	0	0	0	0	-	0
IUST	Y	.25	0	0	0	-	-	0
INDIAN VCP	Y	.5	0	0	0	0	-	0
DELISTED ILST	Y	.5	0	0	0	0	-	0
DELISTED IUST	Y	.25	0	0	0	-	-	0
County	***No County standard environmental record sources available for this State.***							
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	1	-	-	-	-	1
TRIS	Y	PO	0	-	-	-	-	0
HMIRS	Y	.125	0	0	-	-	-	0
NCDL	Y	.125	0	0	-	-	-	0
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED FED DRY	Y	.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
MLTS	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	.25	0	0	1	-	-	1
ALT FUELS	Y	.25	0	0	0	-	-	0
SSTS	Y	.25	0	0	0	-	-	0
PCB	Y	.5	0	0	0	0	-	0
State								
LIENS	Y	PO	0	-	-	-	-	0
CT PROPERTY	Y	PO	0	-	-	-	-	0
DRYC REM	Y	.25	0	0	0	-	-	0
SPILLS	Y	.125	0	2	-	-	-	2
CT MANIFEST	Y	.125	0	0	-	-	-	0
CT MAN TSDF	Y	.5	0	0	0	0	-	0
CT HAZ HANDLERS	Y	.25	0	0	0	-	-	0
HZ NOTIFICATION	Y	.5	0	0	0	0	-	0
SDAD	Y	.25	0	0	0	-	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
Total:			1	2	1	6	0	10

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	NORTH STONINGTON II CELL SITE	OFF BOOM BRIDGE ROAD NORTH STONINGTON CT 06359	-	0.00 / 0.00	4	16

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	SPILLS		233 boom bridge road Stonington CT ***Case No*	*Status:*** 201201588 | CLOSED	WSW	0.03 / 156.73	-69	16
3	SPILLS		anthony rd and boombridge rd NORTH STONINGTON CT ***Case No*	*Status:*** 201101558 | CLOSED	SW	0.07 / 360.64	-88	18
4	MINES	PETER J HOCK	North Stonington CT	SW	0.13 / 662.01	-91	19
5	LUST	Mobil Food and Fuel	560 Providence New London Turnpike North Stonington CT 06359 ***LUST Case ID*	*LUST Status:*** 49306 | CLEANUP INITIATED	NNE	0.33 / 1,748.00	-106	24
6	LUST	North Stonington Shell Service Station (Former Motiva #136349)	324 Clarks Falls Road North Stonington CT 06359 ***LUST Case ID*	*LUST Status:*** 45717 | LUST COMPLETED	NE	0.35 / 1,821.93	-109	27
7	LUST	Republic Truck Stop/ Tinaco Truck Stop	276 Clarks Fall Rd. North Stonington CT 06359 ***LUST Case ID*	*LUST Status:*** 45180 | PENDING	NNE	0.41 / 2,160.51	-114	33
8	LUST	WES AND DIANE SEEMA (EXXON STATION # 6457)	270 CLARKS FALL ROAD North Stonington CT 06359 ***LUST Case ID*	*LUST Status:*** 32138 | LUST COMPLETED	NNE	0.42 / 2,228.23	-112	35
8	VCP	Exxon Service Station #3-6457	270 Clarks Falls Road North Stonington CT	NNE	0.42 / 2,228.23	-112	38
9	LUST	R & R TRUCK STOP	273 Clarks Falls Road (Route 184) North Stonington CT 06359 ***LUST Case ID*	*LUST Status:*** 28593 | LUST COMPLETED	NNE	0.48 / 2,513.00	-110	38

Executive Summary: Summary by Data Source

Standard

State

LUST - Leaking Underground Storage Tanks

A search of the LUST database, dated Apr 4, 2019 has found that there are 5 LUST site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Mobil Food and Fuel	560 Providence New London Turnpike North Stonington CT 06359	NNE	0.33 / 1,748.00	5
	***LUST Case ID | LUST Status**: 49306 | CLEANUP INITIATED*			
North Stonington Shell Service Station (Former Motiva #136349)	324 Clarks Falls Road North Stonington CT 06359	NE	0.35 / 1,821.93	6
	***LUST Case ID | LUST Status**: 45717 | LUST COMPLETED*			
Republic Truck Stop/ Tinaco Truck Stop	276 Clarks Fall Rd. North Stonington CT 06359	NNE	0.41 / 2,160.51	7
	***LUST Case ID | LUST Status**: 45180 | PENDING*			
WES AND DIANE SEEMA (EXXON STATION # 6457)	270 CLARKS FALL ROAD North Stonington CT 06359	NNE	0.42 / 2,228.23	8
	***LUST Case ID | LUST Status**: 32138 | LUST COMPLETED*			
R & R TRUCK STOP	273 Clarks Falls Road (Route 184) North Stonington CT 06359	NNE	0.48 / 2,513.00	9
	***LUST Case ID | LUST Status**: 28593 | LUST COMPLETED*			

VCP - Voluntary Remediation Sites

A search of the VCP database, dated Jan 25, 2019 has found that there are 1 VCP site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Exxon Service Station #3-6457	270 Clarks Falls Road North Stonington CT	NNE	0.42 / 2,228.23	8

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Apr 23, 2019 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTH STONINGTON II CELL SITE	OFF BOOM BRIDGE ROAD NORTH STONINGTON CT 06359	-	0.00 / 0.00	1

MINES - Mines Master Index File

A search of the MINES database, dated Nov 30, 2018 has found that there are 1 MINES site(s) within approximately 0.25 miles of the project property.

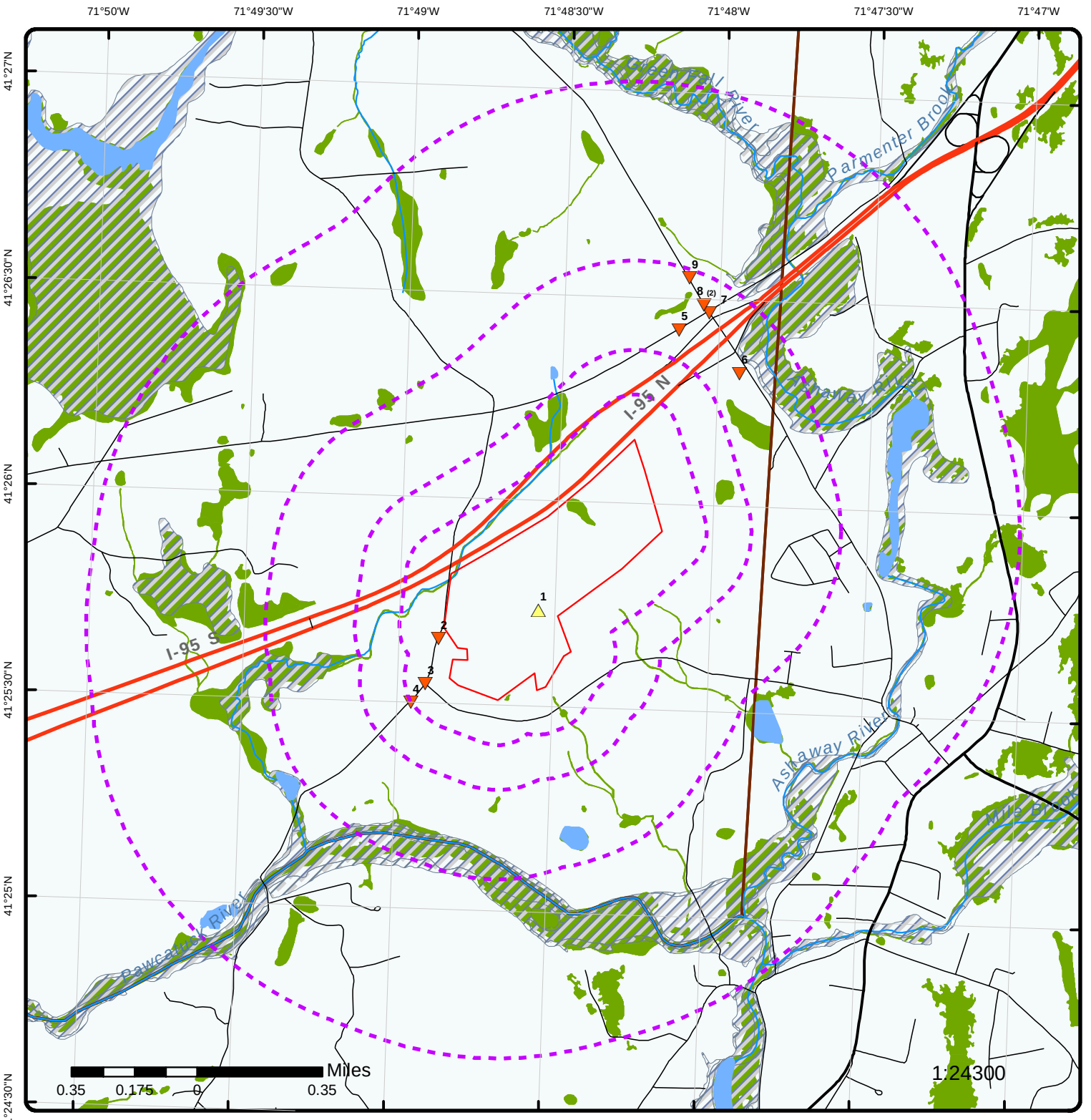
Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PETER J HOCK	North Stonington CT	SW	0.13 / 662.01	4

State

SPILLS - Spill Incident Tracking System (SITS)

A search of the SPILLS database, dated Apr 4, 2019 has found that there are 2 SPILLS site(s) within approximately 0.12 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	233 boom bridge road Stonington CT ***Case No* | *Status***: *201201588* | *CLOSED*	WSW	0.03 / 156.73	2
	anthony rd and boombridge rd NORTH STONINGTON CT ***Case No* | *Status***: *201101558* | *CLOSED*	SW	0.07 / 360.64	3



Map : 1 Mile Radius

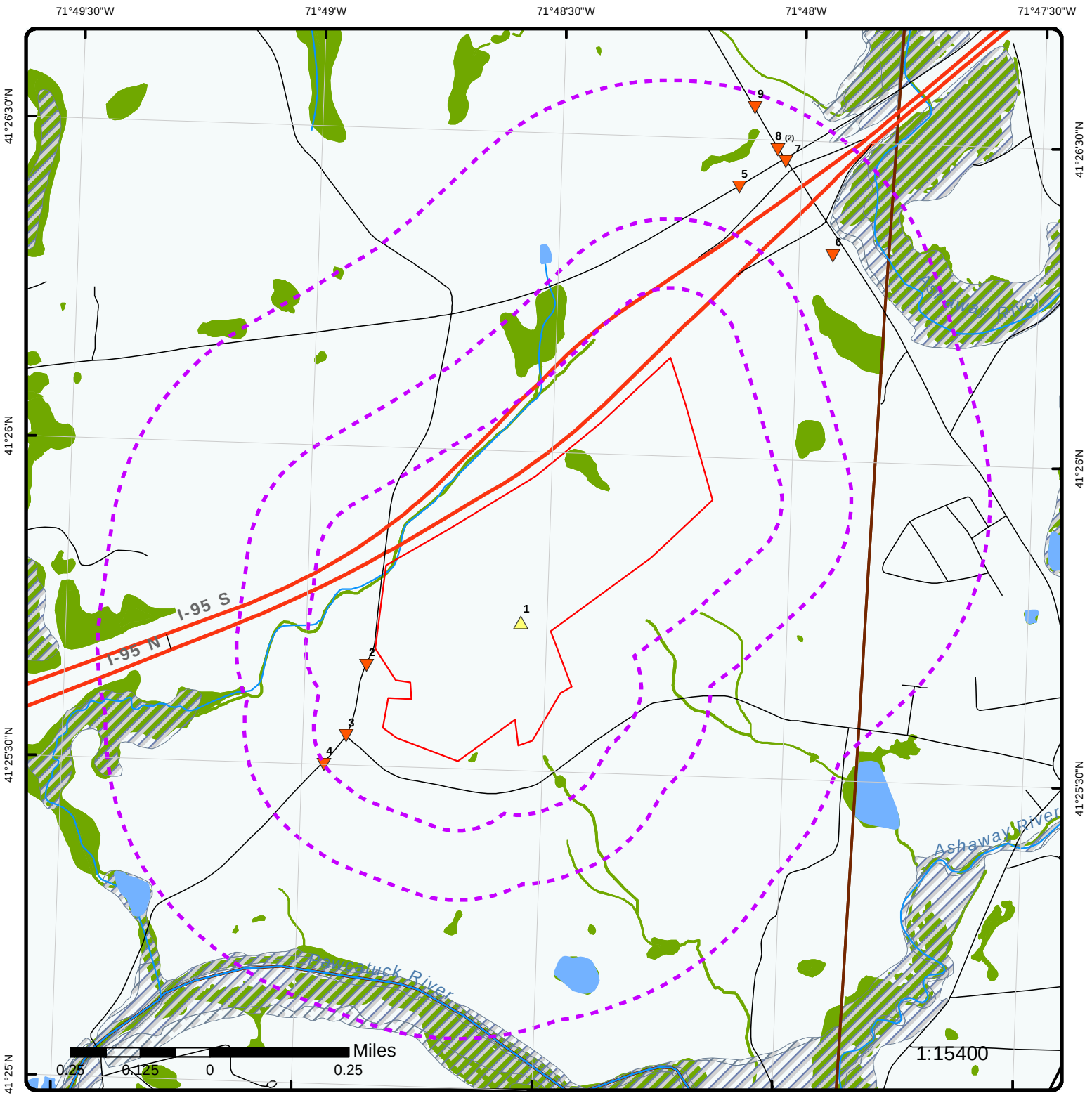
Order No: 20190610093

Address: 233 Boombridge Road, Westerly, CT, 02891

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI



Map : 0.5 Mile Radius

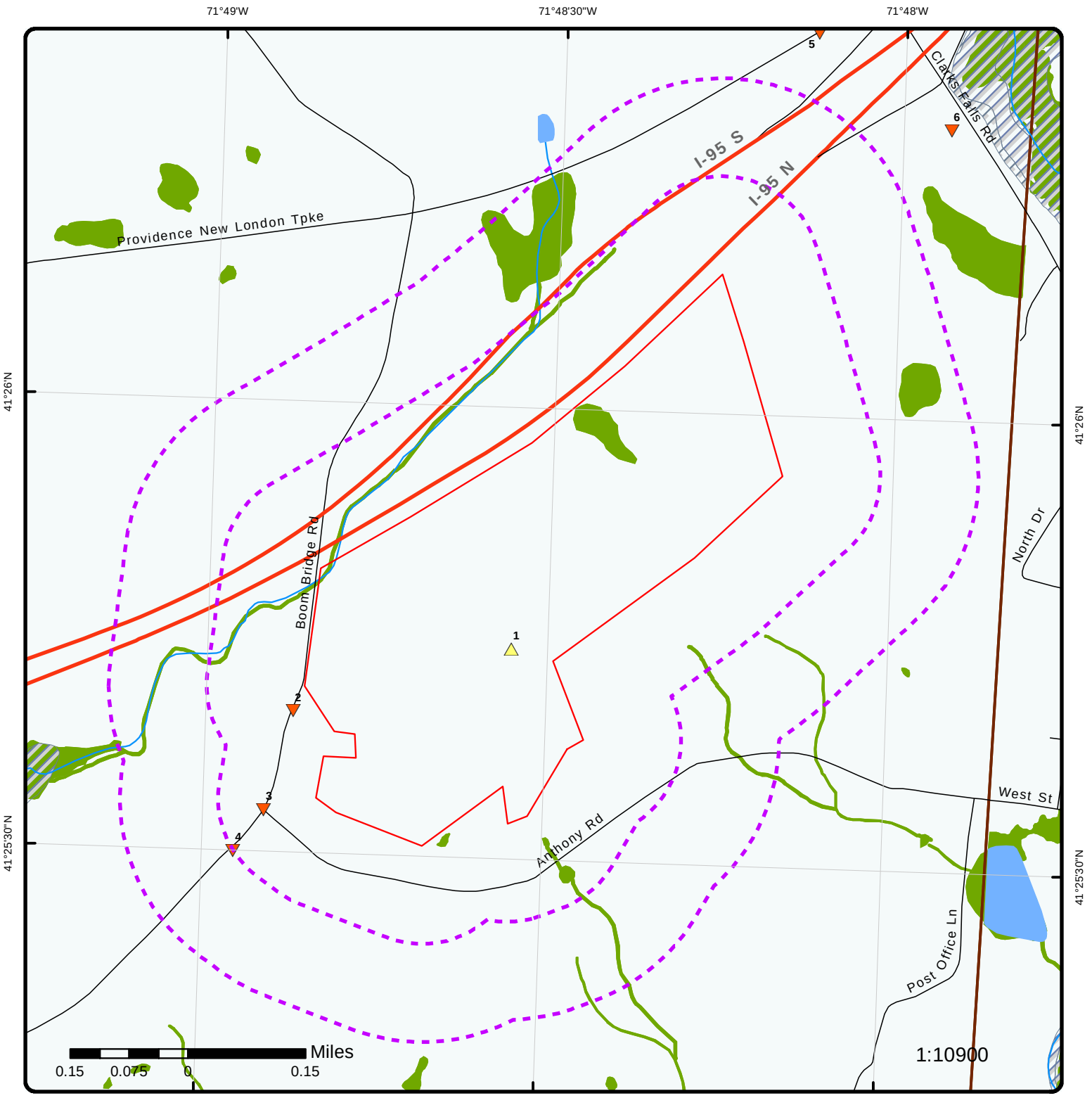
Order No: 20190610093

Address: 233 Boombridge Road, Westerly, CT, 02891

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI



Map : 0.25 Mile Radius

Order No: 20190610093

Address: 233 Boombridge Road, Westerly, CT, 02891

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

Source: © 2016 ESRI

71°48'30"W

41°26'N

41°25'30"N

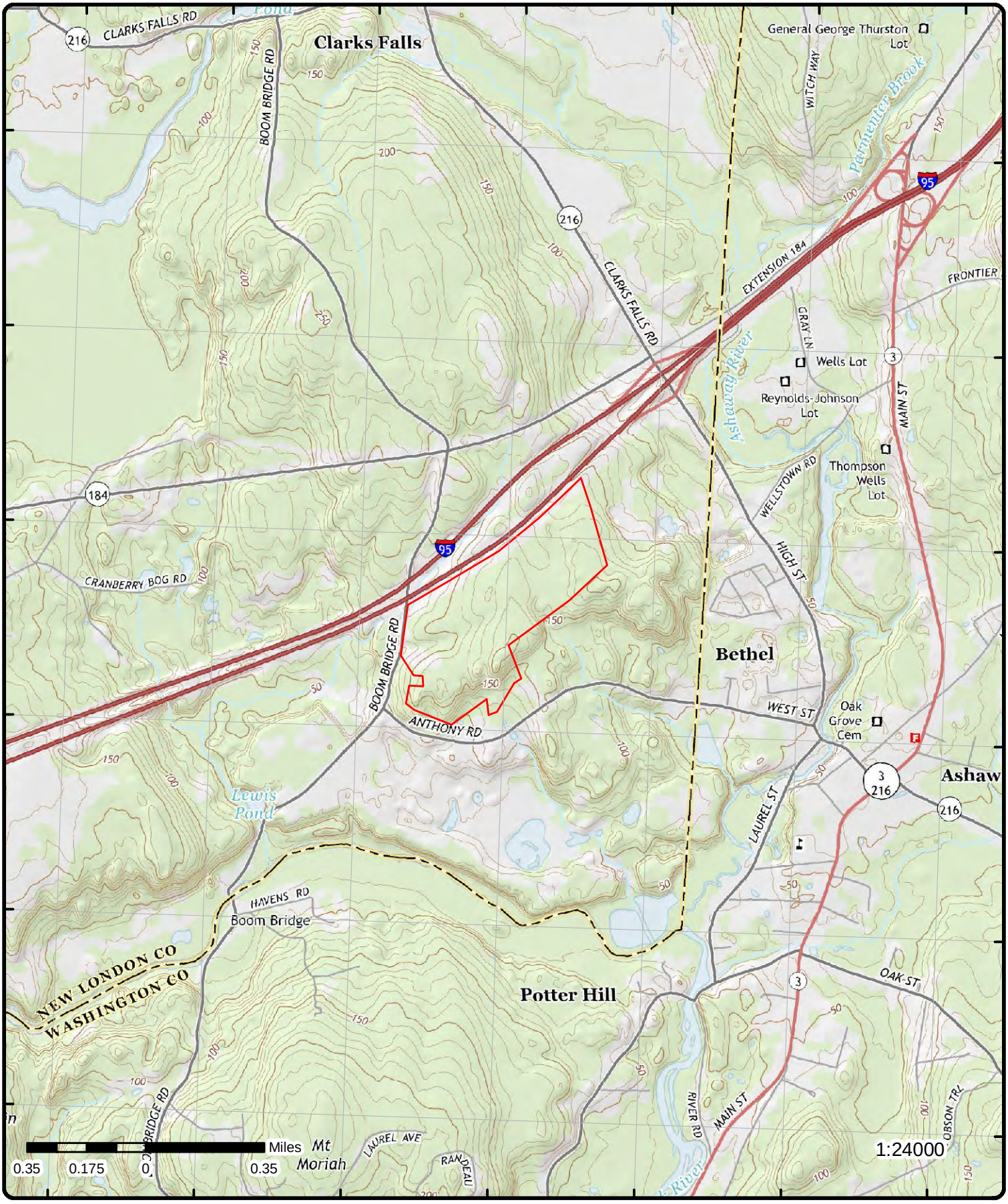
Aerial (2016)

Order No: 20190610093

Address: 233 Boombridge Road, Westerly, CT, 02891

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map (2015)

Address: 233 Boombridge Road, Westerly, CT, 02891

Quadrangle(s): Ashaway, RI

Source: USGS Topographic Map

Order No: 20190610093

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	-	0.00 / 0.00	187.47 / 4	NORTH STONINGTON II CELL SITE OFF BOOM BRIDGE ROAD NORTH STONINGTON CT 06359	FINDS/FRS

Registry ID: 110044141452
FIPS Code: 09011
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 17-NOV-2011 16:26:37
Update Date: 30-DEC-2014 00:44:20
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No.:
Census Block Code:
EPA Region Code: 01
County Name: NEW LONDON
US/Mexico Border Ind:
Latitude: 41.428889
Longitude: -71.809167
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110044141452
Program Acronyms:

SIMS:1503349

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 1	WSW	0.03 / 156.73	114.05 / -69	233 boom bridge road Stonington CT	SPILLS

Case No: 201201588
Status: CLOSED
Year: 4/2/2012
Received by: 201
Assigned to: 916
Date Reported: 4/2/2012
Time Reported: 4/2/2012 4:13:02 PM
Date Release: 4/2/2012
Time Release:
State Release: CT
Reported by: Bob dante
Area 1: 908
Phone 1: 5813170

Responsibility: YES
Sign 1:
Sign 2:
Sign 3:
Sign 4:
Sign 5:
Sign 6:
Sign 7:
Quan Gallons: 5
Quan Yards: 0
Quan Feet: 0
Quan Drums: 0
Quan Lbs: 0

Area 2:		**Quantity Record:**	0
Phone 2:		**Quantity Water:**	0
Area 3:	203	**Historic:**	No
Discharger:	VERIZON WIRELESS	**Ongoing:**	No
Discharger Phone:	9156901	**Water Body Affect:**	No
Rep Street:		**Water Body:**	
Rep Town:		**Terminated:**	YES
Rep State:	CT	**Cost Recovery:**	No
Rep Zip:		**Time Stamp:**	6/19/2012 8:40:32 AM
SR Inspector Name:	Burkey, Rachael	**User Stamp:**	GranilloM
AT Inspector Name:	Stavola, Rosanne	**SSMA Time Stamp:**	000000000008CEB8
Representing:	verizon wireless		
Release Substance:	DIESEL FUEL		
Emergency Measures:	5x10 area		
Comments:			

Action

Action ID:	4
Action:	Contracted
Year:	4/2/2012
Other:	

Action ID:	20
Action:	Other
Year:	4/2/2012
Other:	clean harbors for clean up

Agency

Agency ID:	8
Agency:	DEP Dispatch
Year:	4/2/2012
Other:	
Dep Bureau:	
Dep Division:	

Cause

Cause ID:	26
Cause:	Other
Year:	4/2/2012
Other:	released from hose when fueling generato

Cause ID:	1
Cause:	Hose Failure
Year:	4/2/2012
Other:	

Class

Class ID:	8
Class:	Commercial
Year:	4/2/2012
Other:	

Media

Media ID:	4
Media:	Ground Surface
Year:	4/2/2012
Other:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Release

Release ID: 1
Release Type: petroleum
Year: 4/2/2012
Release Other:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	1 of 1	SW	0.07 / 360.64	95.12 / -88	anthony rd and boombridge rd NORTH STONINGTON CT	SPILLS

Case No: 201101558
Status: CLOSED
Year: 3/31/2011
Received by: 208
Assigned to: 0
Date Reported: 3/31/2011
Time Reported: 3/31/2011 9:33:28 AM
Date Release: 3/31/2011
Time Release:
State Release: CT
Reported by: fd
Area 1: 860
Phone 1: 4481562
Area 2:
Phone 2:
Area 3:
Discharger:
Discharger Phone:
Rep Street:
Rep Town:
Rep State: CT
Rep Zip:
SR Inspector Name: Monarca, Vincent
AT Inspector Name: **NO RESPONSE
Representing: fd
Release Substance: ANTIFREEZE
Emergency Measures:
Comments:

Responsibility:
Sign 1:
Sign 2:
Sign 3:
Sign 4:
Sign 5:
Sign 6:
Sign 7:
Quan Gallons: 0
Quan Yards: 0
Quan Feet: 0
Quan Drums: 0
Quan Lbs: 0
Quantity Record: 0
Quantity Water: 0
Historic: No
Ongoing: No
Water Body Affect: No
Water Body:
Terminated:
Cost Recovery: No
Time Stamp: 3/31/2011 9:34:20 AM
User Stamp: vmonarca
SSMA Time Stamp: 0000000000084857

Action

Action ID: 8
Action: Sanded
Year: 3/31/2011
Other:

Agency

Agency ID: 14
Agency: LOCAL FIRE DEPARTMENT
Year: 3/31/2011
Other:
Dep Bureau:
Dep Division:

Agency ID: 8
Agency: DEP Dispatch
Year: 3/31/2011
Other:
Dep Bureau:
Dep Division:

Cause

Cause ID: 23
Cause: MV Accident
Year: 3/31/2011
Other:

Class

Class ID: 6
Class: Private
Year: 3/31/2011
Other:

Media

Media ID: 4
Media: Ground Surface
Year: 3/31/2011
Other:

Release

Release ID: 2
Release Type: chemical
Year: 3/31/2011
Release Other:

---

4 | ***1 of 1*** | ***SW*** | ***0.13 / 662.01*** | ***91.59 / -91*** | ***PETER J HOCK*** | ***MINES***

North Stonington CT

Mine ID:	0600780	***SIC:***	144201
Entity Name:	LEWIS FARM	***Secondary SIC 1:***	000000
Status Code:	4	***Secondary SIC 2:***	000000
Mine Status:	Permanently Abandoned	***Secondary SIC 3:***	000000
Status Date:	20180718	***Secondary SIC 4:***	000000
Operation Class:	2	***Secondary SIC 5:***	000000
Company Type:	Sole Proprietor	***Mines Prim SIC CD:***	144201
Assess Ctrl No:	000410715	***Primary SIC:***	Sand, Common
Current Mine Name:	Lewis Farm	***Primary SIC CD 1:***	1442
Current Mine Type:	Surface	***Primary SIC CD SFX:***	01
Current Mine Status:	Abandoned	***Secondary SIC CD:***	
Current Status Dt:	07/18/2018	***Secondary SIC:***	
Current Controller ID:	0110647	***Secondary SIC CD 1:***	
Curr Controller Name:	Peter J Hock	***Sec SIC CD Sfx:***	
Curr Cont Begin Dt:	09/18/2013	***Primary Canvass CD:***	5
Curr Operator ID:	0130056	***Primary Canvass:***	SandAndGravel
Curr Operator Name:	Peter J Hock	***Sec Canvass CD:***	
Coal Metal Ind:	M	***Secondary Canvass:***	
Mines State:	CT	***Lat Deg:***	41
No of Shops:	0	***Lat Min:***	25
No of Plants:	0	***Lat Sec:***	30
No of Pits:	000	***Long Deg:***	071
Current 103I:	Never Had 103I Status	***Long Min:***	48
Current 103I Dt:		***Long Sec:***	57
Portable Operation:	No	***Longitude:***	71.816111
Portable FIPS St CD:		***Latitude:***	41.425
Days Per Week:	0	***County Code:***	011
Hours Per Shift:	0	***State Code:***	09
Prod Shifts Per Day:	0	***District:***	M2
Maint Shifts Per Day:	0	***BOM State CD:***	06
No Employees:	0	***FIPS Cnty CD:***	011
Part48 Training:	Yes	***FIPS Cnty Nm:***	New London

Avg Mine Height:		**Cong Dist CD:**	
Mine Gas Ctgry CD:		**Contact Title:**	Owner
Methane Liberation:		**Street:**	797 Hill Rd
No Producing Pits:		**Po Box:**	
No Non-Prod Pits:		**City:**	Harwinton
No Tailing Ponds:	0	**State Abbr:**	CT
Pillar Recovery Used:	No	**FIPS State CD:**	09
Highwall Miner Used:	No	**State:**	Connecticut
Multiple Pits:	No	**Zip CD:**	06791
Miners Rep Ind:	No	**Country:**	USA
Safety Committee Ind:	No	**Province:**	
Miles from Office:	185	**Postal CD:**	
Directions to Mine:	Rt95 North to Exit 93, Left at end of ramp. travel to stop sign. turn left onto Rt 184 to Boombridge Road. take left. 1st driveway past anthony Rd (left)	**Primary SIC CD:**	Sand, Common
Office CD:	M2881	**State Abbrev:**	CT
Office Name:	Albany NY Field Office		
Status Description:	The mine has been permanently shut down.		
Source File Desc:	Master Index File and Mines Data Set		

--Details--

Event No:	6623418	**Initial Viol No:**	
Mine Name:	Lewis Farm	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0110647	**Inj Illness:**	Permanent
Controller Name:	Peter J Hock	**No Affected:**	1
Inspection Begin Dt:	09/17/2013	**Negligence:**	LowNegligence
Inspection End Dt:	10/17/2013	**Written Notice:**	
Violation No:	8794848	**Enforcement Area:**	
Violator ID:	0130056	**Special Assess:**	No
Violator Name:	Peter J Hock	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	09/18/2013	**Asmt Generated Ind:**	No
Violation Issue Time:	1000	**Final Ord Issue Dt:**	12/22/2013
Violation Occur Dt:	09/18/2013	**Proposed Penalty:**	100
Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	11/14/2013
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/19/2013	**Last Action Dt:**	02/24/2014
Orig Term Due Tm:	1531	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/19/2013	**Cal Yr:**	2013
Latest Term Due Tm:	1531	**Cal Qtr:**	3
Termination Dt:	09/20/2013	**Fiscal Yr:**	2013
Termination Time:	0748	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14109
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6623418	**Initial Viol No:**	
Mine Name:	Lewis Farm	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0110647	**Inj Illness:**	LostDays
Controller Name:	Peter J Hock	**No Affected:**	1
Inspection Begin Dt:	09/17/2013	**Negligence:**	LowNegligence
Inspection End Dt:	10/17/2013	**Written Notice:**	
Violation No:	8794847	**Enforcement Area:**	
Violator ID:	0130056	**Special Assess:**	Yes
Violator Name:	Peter J Hock	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	09/18/2013	**Asmt Generated Ind:**	No
Violation Issue Time:	0950	**Final Ord Issue Dt:**	12/22/2013
Violation Occur Dt:	09/18/2013	**Proposed Penalty:**	100

Violator Violation Cnt:	0	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	11/14/2013
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/19/2013	**Last Action Dt:**	02/24/2014
Orig Term Due Tm:	1530	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/19/2013	**Cal Yr:**	2013
Latest Term Due Tm:	1530	**Cal Qtr:**	3
Termination Dt:	09/20/2013	**Fiscal Yr:**	2013
Termination Time:	0741	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6682015	**Initial Viol No:**	
Mine Name:	Lewis Farm	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0110647	**Inj Illness:**	NoLostDays
Controller Name:	Peter J Hock	**No Affected:**	0
Inspection Begin Dt:	04/28/2014	**Negligence:**	LowNegligence
Inspection End Dt:	04/28/2014	**Written Notice:**	
Violation No:	8801414	**Enforcement Area:**	
Violator ID:	0130056	**Special Assess:**	No
Violator Name:	Peter J Hock	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	04/28/2014	**Asmt Generated Ind:**	No
Violation Issue Time:	1315	**Final Ord Issue Dt:**	07/27/2014
Violation Occur Dt:	04/28/2014	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	2	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	06/19/2014
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/06/2014	**Last Action Dt:**	07/08/2014
Orig Term Due Tm:	1600	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/06/2014	**Cal Yr:**	2014
Latest Term Due Tm:	1600	**Cal Qtr:**	2
Termination Dt:	05/28/2014	**Fiscal Yr:**	2014
Termination Time:	0722	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	50.30(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6686308	**Initial Viol No:**	
Mine Name:	Lewis Farm	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	NoLikelihood
Controller ID:	0110647	**Inj Illness:**	NoLostDays
Controller Name:	Peter J Hock	**No Affected:**	0
Inspection Begin Dt:	09/08/2015	**Negligence:**	ModNegligence
Inspection End Dt:	09/10/2015	**Written Notice:**	
Violation No:	8921408	**Enforcement Area:**	
Violator ID:	0130056	**Special Assess:**	No
Violator Name:	Peter J Hock	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	09/09/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	0930	**Final Ord Issue Dt:**	11/19/2015
Violation Occur Dt:	09/09/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	1	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	10/15/2015
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/10/2015	**Last Action Dt:**	10/27/2015

Orig Term Due Tm:	0930	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/10/2015	**Cal Yr:**	2015
Latest Term Due Tm:	0930	**Cal Qtr:**	3
Termination Dt:	09/11/2015	**Fiscal Yr:**	2015
Termination Time:	0916	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	46.9(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6751736	**Initial Viol No:**	
Mine Name:	Lewis Farm	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0110647	**Inj Illness:**	LostDays
Controller Name:	Peter J Hock	**No Affected:**	1
Inspection Begin Dt:	04/13/2016	**Negligence:**	HighNegligence
Inspection End Dt:	04/18/2016	**Written Notice:**	
Violation No:	9310022	**Enforcement Area:**	
Violator ID:	0130056	**Special Assess:**	No
Violator Name:	Peter J Hock	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	04/13/2016	**Asmt Generated Ind:**	No
Violation Issue Time:	0846	**Final Ord Issue Dt:**	06/26/2016
Violation Occur Dt:	04/13/2016	**Proposed Penalty:**	100
Violator Violation Cnt:	3	**Amount Due:**	100
Violator Insp Day Cnt:	2	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	05/19/2016
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	04/13/2016	**Last Action Dt:**	06/07/2016
Orig Term Due Tm:	0900	**Coal Metal Ind:**	M
Latest Term Due Dt:	04/13/2016	**Cal Yr:**	2016
Latest Term Due Tm:	0900	**Cal Qtr:**	2
Termination Dt:	04/13/2016	**Fiscal Yr:**	2016
Termination Time:	0859	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.4201(a)(2)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6682025	**Initial Viol No:**	
Mine Name:	Lewis Farm	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Reasonably
Controller ID:	0110647	**Inj Illness:**	LostDays
Controller Name:	Peter J Hock	**No Affected:**	1
Inspection Begin Dt:	05/20/2014	**Negligence:**	ModNegligence
Inspection End Dt:	05/20/2014	**Written Notice:**	
Violation No:	8801438	**Enforcement Area:**	
Violator ID:	0130056	**Special Assess:**	No
Violator Name:	Peter J Hock	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	05/20/2014	**Asmt Generated Ind:**	No
Violation Issue Time:	1152	**Final Ord Issue Dt:**	08/22/2014
Violation Occur Dt:	05/20/2014	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	2	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	07/17/2014
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	05/20/2014	**Last Action Dt:**	08/20/2014
Orig Term Due Tm:	1217	**Coal Metal Ind:**	M
Latest Term Due Dt:	05/27/2014	**Cal Yr:**	2014
Latest Term Due Tm:	1200	**Cal Qtr:**	2
Termination Dt:	05/28/2014	**Fiscal Yr:**	2014
Termination Time:	0709	**Fiscal Qtr:**	3

Termination Type:	Terminated	**Sig Sub:**	Yes
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14103(c)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6686308	**Initial Viol No:**	
Mine Name:	Lewis Farm	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0110647	**Inj Illness:**	Fatal
Controller Name:	Peter J Hock	**No Affected:**	1
Inspection Begin Dt:	09/08/2015	**Negligence:**	ModNegligence
Inspection End Dt:	09/10/2015	**Written Notice:**	
Violation No:	8921407	**Enforcement Area:**	
Violator ID:	0130056	**Special Assess:**	No
Violator Name:	Peter J Hock	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	09/08/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	1356	**Final Ord Issue Dt:**	11/19/2015
Violation Occur Dt:	09/08/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	10/15/2015
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/08/2015	**Last Action Dt:**	10/27/2015
Orig Term Due Tm:	1411	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/08/2015	**Cal Yr:**	2015
Latest Term Due Tm:	1411	**Cal Qtr:**	3
Termination Dt:	09/09/2015	**Fiscal Yr:**	2015
Termination Time:	0820	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14107(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

Event No:	6751736	**Initial Viol No:**	
Mine Name:	Lewis Farm	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0110647	**Inj Illness:**	LostDays
Controller Name:	Peter J Hock	**No Affected:**	1
Inspection Begin Dt:	04/13/2016	**Negligence:**	HighNegligence
Inspection End Dt:	04/18/2016	**Written Notice:**	
Violation No:	9310021	**Enforcement Area:**	
Violator ID:	0130056	**Special Assess:**	No
Violator Name:	Peter J Hock	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	04/13/2016	**Asmt Generated Ind:**	No
Violation Issue Time:	0840	**Final Ord Issue Dt:**	06/26/2016
Violation Occur Dt:	04/13/2016	**Proposed Penalty:**	100
Violator Violation Cnt:	3	**Amount Due:**	100
Violator Insp Day Cnt:	2	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	05/19/2016
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	04/13/2016	**Last Action Dt:**	06/07/2016
Orig Term Due Tm:	0900	**Coal Metal Ind:**	M
Latest Term Due Dt:	04/13/2016	**Cal Yr:**	2016
Latest Term Due Tm:	0900	**Cal Qtr:**	2
Termination Dt:	04/13/2016	**Fiscal Yr:**	2016
Termination Time:	0859	**Fiscal Qtr:**	3
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.18002(a)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	

Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			
Event No:	6686308	**Initial Viol No:**	
Mine Name:	Lewis Farm	**Replaced by Ord No:**	
Mine Type:	Surface	**Likelihood:**	Unlikely
Controller ID:	0110647	**Inj Illness:**	Fatal
Controller Name:	Peter J Hock	**No Affected:**	1
Inspection Begin Dt:	09/08/2015	**Negligence:**	LowNegligence
Inspection End Dt:	09/10/2015	**Written Notice:**	
Violation No:	8921406	**Enforcement Area:**	
Violator ID:	0130056	**Special Assess:**	Yes
Violator Name:	Peter J Hock	**Primary or Mill:**	Primary
Violator Type CD:	Operator	**Right to Conf Dt:**	
Violation Issue Dt:	09/08/2015	**Asmt Generated Ind:**	No
Violation Issue Time:	1353	**Final Ord Issue Dt:**	12/24/2015
Violation Occur Dt:	09/08/2015	**Proposed Penalty:**	100
Violator Violation Cnt:	2	**Amount Due:**	100
Violator Insp Day Cnt:	0	**Amount Paid:**	100
Contractor ID:		**Bill Print Dt:**	11/19/2015
Cit Ord Safe:	Citation	**Last Action Cd:**	Paid
Orig Term Due Dt:	09/08/2015	**Last Action Dt:**	12/01/2015
Orig Term Due Tm:	1408	**Coal Metal Ind:**	M
Latest Term Due Dt:	09/08/2015	**Cal Yr:**	2015
Latest Term Due Tm:	1408	**Cal Qtr:**	3
Termination Dt:	09/09/2015	**Fiscal Yr:**	2015
Termination Time:	0816	**Fiscal Qtr:**	4
Termination Type:	Terminated	**Sig Sub:**	No
Vacate Dt:		**Section of Act:**	
Vacate Time:		**Part Section:**	56.14100(b)
Assess Case Stat Cd:	Closed	**Section of Act 1:**	104(a)
Docket No:		**Section of Act 2:**	
Docket Stat Cd:		**Contested Ind:**	No
Contested Dt:			

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5 | ***1 of 1*** | ***NNE*** | ***0.33 / 1,748.00*** | ***76.89 / -106*** | ***Mobil Food and Fuel***
560 Providence New London Turnpike
North Stonington CT 06359 | ***LUST***

LUST Case ID:	49306	**Monthly RPT ID:**	0
LUST Status Code:	3	**UST E Facility ID:**	1702
LUST Status:	CLEANUP INITIATED	**Contact Info:**	
Incident Date:	12/1/2006	**Entry Date:**	11/28/2008
LUST ID:	0	**Emergency:**	No
UST Event ID:	0	**Private HF:**	No
UST Site ID:	424	**Commercial HF:**	No
CR Spill Case ID:	0	**Comm HF LE 2100:**	No
SITS Case ID:	9603456	**Comm HF GR 2100:**	No
OLD SITS Case ID:	0	**Comm HF Unknown:**	No
Case Log ID:	1135	**Responsible Party:**	No
UST E Owner ID:	6407	**RP Name 1:**	Spicer Plus, Inc.
No Release:	No	**RP Name 2:**	
No LUST Site:	No	**RP Address1:**	36 Thames Street
Motor Fuel:	Yes	**RP Address2:**	
Diesel:	Yes	**RP Town:**	Groton
Gasoline:	No	**RP State:**	CT
Other:	No	**RP Town No:**	59
Other Release:		**RP ZIP No:**	06340
Leak:	No	**RP Phone:**	
Tank:	No	**RP Phone 2:**	
Piping:	No	**RP Fax:**	
Overfill:	No	**RP Email:**	
Removal:	No	**LUST Owner ID:**	TMB
CR Candidate:	No	**Investigator ID:**	29
OCSRD Complete:	No	**Referral Source:**	
Processing Status:		**Date Referred:**	

Enviro Impact:		***Location Data:***	
Effected Popula:		***Area Extent:***	
Population Setting:		***Event Description:***	
GW Direction:		***Dt Work Performed:***	
GW Gradient:		***ALT Water Supply:***	No
Follow up Flag:	No	***Annual Precip:***	
Follow Up Date:		***Relocation:***	No
Follow Up:			
Site Name 2:			

Running Comments: Spills Files, UST Enforcement Files, Cleanup Fund Files, and LUST Files

Open LUST cases:
2007-04737 is linked to CF 424 and 497
102-01702 (1995 release) is linked to CF 424

Case Release

Substance:	Diesel	***Unit:***	gallons
Quantity:	30	***Comments:***	
Source:	Overfill		

Tank Info

EPA Reportable:	Yes	***Potable Well Sample:***	No
Closure Date:		***Sample Mws:***	No
Closure Req Rpt:	No	***GW Gauging:***	No
Dep Closure Letter:	No	***Soil Venting:***	No
Active:	Yes	***NOV Action:***	None
Hydro Basin:		***NOV Issued:***	
Drastic:		***NOV Due:***	
GW Classification:		***NOV Received:***	
Smpl Gauging Freq:		***NOV Closed:***	
GW Flow Direction:		***NOV Disc Date:***	
GW Depth:		***NOV Issued Date:***	
Areas of Concern:		***NOV Cmpliance Schd:***	
Free Product Inches:	0	***NOV Admin Order:***	
Fund Date:		***NOV Referred to Ag:***	
Fund Planned:	$0.00	***Stop All NOV Actions:***	No
Fund Obligated:	$0.00	***Release Invest Rpt:***	No
Fund Outlayed:	$0.00	***Dep App Letter1:***	No
Fund Judgment:	$0.00	***Correct Action Plan:***	No
Fund Recovered:	$0.00	***Dep App Letter2:***	No
Fund Comments:		***Rem Sys Install:***	No
Cellar Borings:	No	***Rem Sys Install Date:***	
Install Micro Wells:	No	***Rem Sys Monit Rpt:***	No
GW Sample:	No	***Qrtly GWtr Mon Rpt:***	No
Soil Sample:	No	***Referred to:***	
Soil Gas:	No	***No Wells:***	0
Site Inspect:	No	***LPH Wells:***	0
Soil Excavate:	No	***User Stamp:***	ForrestA/forrestlaiuppaa
Geo Probe:	No	***Date Stamp:***	4/26/2017
Survey:	No	***Off Site Source:***	No
Geosetting:			
GW Comments:			
NOV Comments:			
Location Description:			

Work Performed:

Release Info:

Correspondence:

Case Action

Action:	Pumped Out	**Start Date:**	
Medium:	surface water	**End Date:**	
Quantity:	0	**Dep Action:**	No
Unit:		**Action Date:**	12/17/2006

Action:	Cleaned	**Start Date:**	
Medium:	ground surface	**End Date:**	
Quantity:	0	**Dep Action:**	No
Unit:		**Action Date:**	12/17/2006

Contact Info

Site Contact1:		**Site Contact2:**	
Contact1 Address1:		**Contact2 Address1:**	
Contact1 Address2:		**Contact2 Address2:**	
Contact1 Town No:	0	**Contact2 Town No:**	0
Contact1 Town:		**Contact2 Town:**	
Contact1 State:		**Contact2 State:**	
Contact1 Zip:		**Contact2 Zip:**	
Contact1 Phone:		**Contact2 Phone:**	
Contact1 Fax:		**Contact2 Fax:**	
Contact1 Type:		**Contact2 Type:**	
Contact1 Email:		**Contact2 Email:**	
DEP Contact1:	Michael McDaniel	**DEP Contact2:**	

Correspondence

Date Issued:	11/14/2012	**User Stamp:**	Allison Forrest/ForrestA
Date Due:		**Date Stamp:**	11/19/2012
Date Received:	11/14/2012		
Action:	Email Correspondence		
Comments:			

Date Issued:	11/16/2012	**User Stamp:**	Allison Forrest/ForrestA
Date Due:		**Date Stamp:**	11/19/2012
Date Received:	11/16/2012		
Action:	Email Correspondence		
Comments:			

Date Issued:	11/19/2012	**User Stamp:**	Allison Forrest/ForrestA
Date Due:		**Date Stamp:**	11/19/2012
Date Received:	11/19/2012		
Action:	Email Correspondence		
Comments:			

Date Issued:	10/16/2013	**User Stamp:**	allison forrest/ForrestA
Date Due:		**Date Stamp:**	10/18/2013
Date Received:	10/16/2013		
Action:	Interdepartmental Correspondence		
Comments:			

Date Issued:	10/16/2013	**User Stamp:**	allison forrest/ForrestA
Date Due:		**Date Stamp:**	10/18/2013
Date Received:	10/16/2013		
Action:	Interdepartmental Correspondence		
Comments:			

Date Issued:	4/23/2009	**User Stamp:**	Ken Holloway/khollowa
Date Due:		**Date Stamp:**	6/10/2009
Date Received:	4/30/2009		
Action:	Water Samples		
Comments:			

Water Samples (M. McDaniel) DEP: Raw water samples were collected on March 20, 2009 from the tap before the filter system at the United Rental facility (559 Route 184, N.Stonington, CT). No VOCs detected in the filtered water sample. Raw water is potable with regard to the constituents tested.

Date Issued:	4/23/2009	***User Stamp:***	Ken Holloway/khollowa
Date Due:		***Date Stamp:***	6/10/2009
Date Received:	4/30/2009		
Action:	Water Samples		
Comments:			

Water Samples (M. McDaniel) DEP; Water samples collected on March 20, 2009 from taps before and after the first and second GAC filters at the Tim Horton's facility (563 Route 184, N.Stonington, CT).. Raw water samples collected before the GAC filters identified the presence of 2 VOCs. MTBE & TAME were detected at concentrations of 5.0 & 0.9 ug/l, respectively. MTBE was detected at 0.5 ug/l after the 1st GAC filter and no VOCs were detected after the 2nd GAC filter. The DPH has established an action level for MTBE & TAME at 70 & 100 ug/l, respectively. The raw & treated water is potable with regard to the constituents tested.

Date Issued:	1/10/2007	***User Stamp:***	kelly Mcshea/aforrest
Date Due:		***Date Stamp:***	11/28/2008
Date Received:	1/10/2007		
Action:	Emergency Incident Field Report		
Comments:			

Emergency Incident Field Report (R. Stavola) DEP: ~30 gallons of diesel fuel was released on the the pavement and flowed into two catch basins. The catch basins were attached to oil/water separators. Spicer Plus contracted United to clean up. Speedi Dri was applied and removed for disposal. Catch basins were evacuated using a vac truck.

Date Issued:	8/21/2008	***User Stamp:***	kelly Mcshea/aforrest
Date Due:		***Date Stamp:***	11/28/2008
Date Received:	8/21/2008		
Action:	LUST Program Worksheet (2006-07957)		
Comments:			

Date Issued:	6/30/1996	***User Stamp:***	Terry Parker/SClark
Date Due:		***Date Stamp:***	6/30/2010
Date Received:	6/30/1996		
Action:	Emergency Incident Field Report		
Comments:			

Emergency Incident Field Report (R. Wofford) DEEP: Leaking pump spilled unknown amount of gas into the storm drain. Pump ran for five minutes. Upon inspection of subject incident location it was determined that a licensed spill cleanup contracted be hired. Surface area, contamination was removed to satisfaction of DEP.

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6 | ***1 of 1*** | ***NE*** | ***0.35 / 1,821.93*** | ***74.46 / -109*** | ***North Stonington Shell Service Station (Former Motiva #136349)***
324 Clarks Falls Road
North Stonington CT 06359 | ***LUST***

LUST Case ID:	45717	***Monthly RPT ID:***	0
LUST Status Code:	4	***UST E Facility ID:***	1689
LUST Status:	LUST COMPLETED	***Contact Info:***	
Incident Date:	11/30/1999	***Entry Date:***	7/14/2003
LUST ID:	0	***Emergency:***	No
UST Event ID:	0	***Private HF:***	No
UST Site ID:	1039	***Commercial HF:***	No
CR Spill Case ID:	0	***Comm HF LE 2100:***	No
SITS Case ID:	201106293	***Comm HF GR 2100:***	No
OLD SITS Case ID:	0	***Comm HF Unknown:***	No
Case Log ID:	0	***Responsible Party:***	No
UST E Owner ID:	8243	***RP Name 1:***	PMG Coop, LLC
No Release:	No	***RP Name 2:***	
No LUST Site:	No	***RP Address1:***	2359 Research Ct
Motor Fuel:	Yes	***RP Address2:***	
Diesel:	No	***RP Town:***	Woodbridge
Gasoline:	Yes	***RP State:***	VA

Other:	No	**RP Town No:**	167
Other Release:		**RP ZIP No:**	22192
Leak:	No	**RP Phone:**	7034945800
Tank:	Yes	**RP Phone 2:**	
Piping:	No	**RP Fax:**	
Overfill:	Yes	**RP Email:**	cvelez@petromg.com
Removal:	Yes	**LUST Owner ID:**	PCC
CR Candidate:	No	**Investigator ID:**	60
OCSRD Complete:	Yes	**Referral Source:**	OCSRD
Processing Status:		**Date Referred:**	11/30/1999
Enviro Impact:		**Location Data:**	
Effected Popula:		**Area Extent:**	
Population Setting:		**Event Description:**	
GW Direction:		**Dt Work Performed:**	
GW Gradient:		**ALT Water Supply:**	No
Follow up Flag:	No	**Annual Precip:**	
Follow Up Date:		**Relocation:**	No
Follow Up:			
Site Name 2:			

Running Comments: Cleanup Fund Files, Spils Files, UST Files, and LUST Files

Case Release

Substance:	Gasoline	**Unit:**	cyds soils
Quantity:	20	**Comments:**	
Source:	Dispenser Overfill		
Substance:	Gasoline	**Unit:**	cyds soils
Quantity:	326	**Comments:**	
Source:	USt removal		

Tank Info

EPA Reportable:	Yes	**Potable Well Sample:**	No
Closure Date:		**Sample Mws:**	Yes
Closure Req Rpt:	No	**GW Gauging:**	Yes
Dep Closure Letter:	No	**Soil Venting:**	No
Active:	Yes	**NOV Action:**	None
Hydro Basin:		**NOV Issued:**	
Drastic:		**NOV Due:**	
GW Classification:	GA	**NOV Received:**	
Smpl Gauging Freq:		**NOV Closed:**	
GW Flow Direction:	northerly or easterny	**NOV Disc Date:**	
GW Depth:	22 ftbg	**NOV Issued Date:**	
Areas of Concern:		**NOV Cmpliance Schd:**	
Free Product Inches:	0	**NOV Admin Order:**	
Fund Date:		**NOV Referred to Ag:**	
Fund Planned:	$0.00	**Stop All NOV Actions:**	No
Fund Obligated:	$0.00	**Release Invest Rpt:**	No
Fund Outlayed:	$0.00	**Dep App Letter1:**	No
Fund Judgment:	$0.00	**Correct Action Plan:**	No
Fund Recovered:	$0.00	**Dep App Letter2:**	No
Fund Comments:		**Rem Sys Install:**	No
Cellar Borings:	No	**Rem Sys Install Date:**	
Install Micro Wells:	Yes	**Rem Sys Monit Rpt:**	No
GW Sample:	Yes	**Qrtly GWtr Mon Rpt:**	No
Soil Sample:	Yes	**Referred to:**	
Soil Gas:	No	**No Wells:**	
Site Inspect:	No	**LPH Wells:**	
Soil Excavate:	Yes	**User Stamp:**	ForrestA/forrestlaiuppaa
Geo Probe:	No	**Date Stamp:**	12/26/2018
Survey:	No	**Off Site Source:**	No
Geosetting:			

GW Comments: Area around site serviced by on-site private wells and septic systems. The site uses an on-site potable well. Motiva monitored the potable well for VOCs from Nov. 1999 to Nov. 2000. Toulene was detected in the initial sample at 1 ug/l however additional sampling of this well, 4 times in 2000, did not detect any constituents.

NOV Comments:

Location Description:

Site is currently occupied by a service garage, convenience store and retail gasoline station.

Ownership: Site was utilized as farmland until construction of a gasoline service station in the early 1970's. The site was under the ownership of Shell Oil Co. from 1985 to 1999. From Feb. 1999- Nov. 1999 the site owner is listed as Motiva Enterprises. Hendels purchased the site in Nov. 1999. Since this time, an agreement with Hendels has been in place for Motiva to perform related environmental activities at the site. Motiva relinquished environmental responsibility for the site to Hendels in July 2002.

Work Performed:

1990: In September, one 1,000-gallon waste oil UST was installed on site.

1999:In November, 3 soil borings were advanced and completed as MWs. Soil samples were below the Res DEC, but reporting limit was above the GA PMC for benzene. GW samples In December, one 8,000-gallon gasoline UST, one 12,000-gallon gasoline UST, and one 10,000-gallon diesel UST were installed on site. 326 cubic yards of impacted soils were removed during UST removals, post excavation samples (23 soil samples) were below the Res DEC and GA PMC.

2010: On September 22, 2010, the 1,000-gallon waste oil UST, installed in 1990, was removed from site.

Release Info:

GW sampling was conducted at the site on a quarterly basis from Nov. 1999 to August 2001. BTEX concentrations ranged from BDL to 2 ug/l during these sampling events. MTBE concentrations ranged from BDL to 408 ug/l. No constituents were detected during the last 3 sampling events.

The site is listed in the OCSRD database:
2002-00707 Feb. 2002 for an overfill/ closed
2001-08650 Oct. 2001 release from mechanic work/ closed
99-8118 Nov. 1999 related to the detection of impacted soil during the removal of 3 USTs. Approx. 300 cubic yards of soil removed, GW MWs installed, historic release/ closed
95-05446 Oct. 1995 release from dispenser leak, dispenser repaired/ open
96-04290 Aug. 1996 a release of 5 gal. Sanded/ closed
No ID for listing as spill site in Jan. 1992 for detection of VOCs in soil with a field screening instrument during a UST pipe replacement. HNU readings ranged from 9 ppm to 25 ppm. The surrounding soils were excavated. / open

release type: PETROLEUM
release substance: GASOLINE
media:SOIL

Correspondence:

Case Action

Action:	Monitoring Wells	***Start Date:***	
Medium:	GW	***End Date:***	
Quantity:	0	***Dep Action:***	No
Unit:		***Action Date:***	12/5/2000
Action:	Site Evaluation	***Start Date:***	
Medium:	soils	***End Date:***	
Quantity:	0	***Dep Action:***	No
Unit:		***Action Date:***	5/2/2012
Action:	Site Evaluation	***Start Date:***	
Medium:	Soils	***End Date:***	
Quantity:	0	***Dep Action:***	No
Unit:		***Action Date:***	1/26/2000
Action:	Monitoring Wells	***Start Date:***	
Medium:	GW	***End Date:***	
Quantity:	0	***Dep Action:***	No
Unit:		***Action Date:***	10/1/2000
Action:	Site Evaluation	***Start Date:***	
Medium:	Soils	***End Date:***	
Quantity:	0	***Dep Action:***	No
Unit:		***Action Date:***	9/1/2001

Action:	Site Evaluation	**Start Date:**	
Medium:		**End Date:**	
Quantity:	0	**Dep Action:**	No
Unit:		**Action Date:**	6/23/2003
Action:	Tank & Soil Removed	**Start Date:**	
Medium:	Soils	**End Date:**	
Quantity:	0	**Dep Action:**	No
Unit:		**Action Date:**	12/1/1999

Contact Info

Site Contact1:	David Selger (Environmental Remediation, Inc)	**Site Contact2:**	John Hankins (Fuss & O'Neill)
Contact1 Address1:	87 Church Street	**Contact2 Address1:**	146 Hartford Road
Contact1 Address2:		**Contact2 Address2:**	
Contact1 Town No:	43	**Contact2 Town No:**	77
Contact1 Town:	East Hartford	**Contact2 Town:**	Manchester
Contact1 State:	CT	**Contact2 State:**	CT
Contact1 Zip:	06108	**Contact2 Zip:**	06040
Contact1 Phone:	8602909300	**Contact2 Phone:**	8605335128
Contact1 Fax:	8602909009	**Contact2 Fax:**	8605335133
Contact1 Type:	Project Manager	**Contact2 Type:**	Senior Vice President
Contact1 Email:		**Contact2 Email:**	jhankins@fando.com
DEP Contact1:	George Purple	**DEP Contact2:**	

Correspondence

Date Issued:	1/10/1992	**User Stamp:**	Allison Forrest/AForrest
Date Due:		**Date Stamp:**	11/22/2010
Date Received:	1/14/1992		
Action:	Report of Petroleum or Chemical		
Comments:			

Report of Petroleum or Chemical Product Discharge Spillage or Release (T. Gilroy) Shell: On January 7, 1992, possible impacted soils were encountered (HNU readings from 9 ppm to 25 ppm) during the replacement of supply lines that extended from the dispensers to the tanks. Excavated soils were stockpiles and are awaiting soil analysis.

Date Issued:	11/22/2010	**User Stamp:**	Allison Forrest/AForrest
Date Due:		**Date Stamp:**	11/22/2010
Date Received:	11/22/2010		
Action:	LUST Program Worksheet (0099-08118)		
Comments:			

Date Issued:	12/5/2000	**User Stamp:**	Terry Parker/ABassila
Date Due:		**Date Stamp:**	10/4/2010
Date Received:			
Action:	Ground Water Monitoring Report		
Comments:			

Quarterly Report (Dave Selger and Eric Kaatz) Environmental Remediation Inc: Groundwater monitoring was done for July through September 2000. A total of 3 monitoring wells were gauged and sampled on August 8, 2000 along with the potable well. Groundwater samples were analyzed for VOCs (EPA 8260/524.2). 1 GW sample had detectable COCs. The detected COCs were below GWPC.

Date Issued:	10/13/2011	**User Stamp:**	Allison Forrest/AForrest
Date Due:		**Date Stamp:**	10/17/2011
Date Received:	10/13/2011		
Action:	Interdepartmental Correspondence		
Comments:			

Date Issued:	10/13/2011	**User Stamp:**	Allison Forrest/AForrest
Date Due:		**Date Stamp:**	10/17/2011
Date Received:	10/13/2011		
Action:	Interdepartmental Correspondence		

Comments:

Date Issued: 9/22/2010 ***User Stamp:*** Allison Forrest/AForrest
Date Due: ***Date Stamp:*** 11/17/2010
Date Received: 11/17/2010
Action: UST Facility Notification
Comments:

Notification for Underground Storage Tanks (D. Hendel) Hendel Shell Stations, LLC: One 8,000-gallon gasoline UST, one 12,000-gallon gasoline UST, and one 10,000-gallon diesel UST, all installed in December 1999, are currently in use on site. One 1,000-gallon waste oil UST, installed in Sepetmber 1990, was removed from site on September 22, 2010; report indicates that site assessment required during closure was completed, but doesn't include consultant information or data.

Date Issued: 5/30/2012 ***User Stamp:*** Allison Forrest/ForrestA
Date Due: ***Date Stamp:*** 6/12/2012
Date Received: 6/5/2012
Action: Corrective Actions Report
Comments:

Re: Spill Case #2012-2059 (J. Hankins) Fuss & O'Neill: On April 27, 2012, a gasoline stain on the asphalt at the gasoline station was observed. The source was not known, but a review of video footage of site suggests that a customer overfilled there motor vehicle on April 25, 2012 by ~5-10 gallons and did not report it to the station operator. The release impacted the concrete pad and adjacent asphalt surface. Some product impacted soils underneath the asphalt. On May 2, 2012, 5 soil borings were advanced on site and soils were screened with PID (readings ranged from ND to 80 ppm). ~20 cyds of impacted soils were removed from site from the area of high PID readings. 7 confirmation soil samples were collected from the excavations and were analyzed for VOCs and oxygenates (EPA 8260). All COCs were below the GA PMC and Res DEC. GW was not encountered and the water table at site is at 22 ft. No further action is recommended by consultants.

Date Issued: 6/12/2012 ***User Stamp:*** Allison Forrest/ForrestA
Date Due: ***Date Stamp:*** 6/12/2012
Date Received: 6/12/2012
Action: LUST Program Worksheet (2012-02059)
Comments:

Date Issued: 5/7/2012 ***User Stamp:*** Allison Forrest/ForrestA
Date Due: ***Date Stamp:*** 5/11/2012
Date Received: 5/7/2012
Action: Email Correspondence
Comments:

Impacted soils were excated on May 4, 2012. 7 confirmation soils were collected and COCs were below the GA PMC and Res DEC.

Date Issued: 5/3/2012 ***User Stamp:*** Allison Forrest/ForrestA
Date Due: ***Date Stamp:*** 5/11/2012
Date Received: 5/3/2012
Action: Email Correspondence
Comments:

Date Issued: 9/5/2012 ***User Stamp:*** Allison Forrest/ForrestA
Date Due: ***Date Stamp:*** 9/5/2012
Date Received: 9/5/2012
Action: Interdepartmental Correspondence
Comments:

UST Compliance Inspection Checklist (G. Purple) DEEP: F&O is about to geo-probe and sample the area around the dispenser island. The tank and line were all test Friday and passed. The weekly reconciliation has a few weeks where the explaination is not making up the difference in the shortages.

Date Issued: 11/22/2011 ***User Stamp:*** Allison Forrest/ForrestA
Date Due: ***Date Stamp:*** 9/5/2012
Date Received: 11/22/2011
Action: Interdepartmental Correspondence
Comments:

UST Compliance Inspection Checklist (G. Purple) DEEP: Site is still waiting on a new dispenser. The old one was taken out by a driver six weeks ago. Diesel is still operating. Site is in

SOC

Date Issued: 9/5/2012 ***User Stamp:*** Allison Forrest/ForrestA
Date Due: ***Date Stamp:*** 9/5/2012
Date Received: 9/5/2012
Action: Interdepartmental Correspondence
Comments:

Date Issued: 10/24/2013 ***User Stamp:*** allison forrest/ForrestA
Date Due: ***Date Stamp:*** 10/24/2013
Date Received: 10/24/2013
Action: Interdepartmental Correspondence
Comments:

Date Issued: 10/24/2013 ***User Stamp:*** allison forrest/ForrestA
Date Due: ***Date Stamp:*** 10/24/2013
Date Received: 10/24/2013
Action: Interdepartmental Correspondence
Comments:

Date Issued: 11/22/2011 ***User Stamp:*** Allison Forrest/AForrest
Date Due: ***Date Stamp:*** 2/6/2012
Date Received: 11/22/2011
Action: Interdepartmental Correspondence
Comments:

UST Compliance Inspection Checklist (G. Purple) DEEP: Site is still waiting on a new dispenser. The old one was taken out by a driver six weeks ago. Diesel is still operating. Site is in SOC

Date Issued: ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 12/26/2018
Date Received:
Action: Former Owners
Comments:

Hendel Shell Stations, LLC
Doug Hendel
35 Great Neck Road
Waterford, CT 06385
(860) 437-4647
(860) 437-1736
doughendel@hendelsinc.com

Date Issued: 10/1/2001 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 7/8/2003
Action: Ground Water Monitoring Report
Comments:

Max. BTEX Concentration: BDL Max. MTBE Concentration: <1.0

Date Issued: 10/1/2000 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 7/8/2003
Action: Ground Water Monitoring Report
Comments:

Ground Water Monitoring Report, Max. BTEX Concentration: BDL Max. MTBE Concentration: 2 ug/l

Date Issued: 9/1/2001 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 7/8/2003
Action: Subsurface Investigation

Comments:

Subsurface Investigation: LFR Levine-Fricke, Inc. 105-19380-99 VOCs, PAHs & SPLP lead & chromium were not detected in soil samples submitted for analysis. ETPH was detected in two soil samples at 10.6 mg/kg and 99.7 mg/kg and total lead and total chromium were detected at 1.1 mg/kg and 2.0 mg/kg. All results were below CTDEP RSR criteria.

Date Issued: 12/18/2000 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 7/8/2003
Action: Sensitive Receptor Survey
Comments:

Environmental Remediation Inc: Sensitive Receptor Survey: entire area is serviced by on-site private water wells and septic systems. Howard Johnson's abuts the site to the west and is located up gradient. A Mobile gas station abuts the property to the east. Republic Oil Co. is located approx. 900 feet to the north. Humble Oil Co. is located approx. 900 feet NW of the intersection. Stardust Motel is located approx. 1000 feet NW of the site. There are no primary aquifer protection areas or wetlands within 1000 feet of the site. The site is located approx. 200 feet west of the Ashaway River. The Natural Diversity Data Base Maps reviewed at the DEP did reveal sensitive habitats to be in the immediate area of the site & surrounding area. Storm sewer lines are located along Clarks Falls Road and New London Tpke. Electric & phone lines are brought to the site overhead.

Date Issued: 1/26/2000 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 7/8/2003
Action: Environmental Site Assessment
Comments:

Site Characterization Report, ERI: Currently 2 USTs located on the property. 3 gasoline USTs were removed as part of this assessment. 326 cubic yards of impacted soils were removed during UST removals. Post excavation samples (23 soil samples) were analyzed for BTEX and MTBE (EPA 8260). One soil sample was also analyzed for metals (EPA 6010B), PCBs (EPA 8082), and TPH (EPA 418.1). All COCs were below the Res DEC and GA PMC.

Date Issued: 11/30/1999 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 11/30/1999
Action: Spill Report
Comments:

removed 3-8k lust 11/19, removed approx. 300 cyds. soil, installed monitor wells, former shell station.

7	1 of 1	NNE	0.41 / 2,160.51	69.30 / -114	**Republic Truck Stop/ Tinaco Truck Stop** **276 Clarks Fall Rd.** **North Stonington CT 06359**	LUST

LUST Case ID:	45180	***Monthly RPT ID:***	0
LUST Status Code:	1	***UST E Facility ID:***	0
LUST Status:	PENDING	***Contact Info:***	Frank Bartolomeo LUST Program
Incident Date:		***Entry Date:***	
LUST ID:	0	***Emergency:***	No
UST Event ID:	0	***Private HF:***	No
UST Site ID:	0	***Commercial HF:***	No
CR Spill Case ID:	0	***Comm HF LE 2100:***	No
SITS Case ID:		***Comm HF GR 2100:***	No
OLD SITS Case ID:	0	***Comm HF Unknown:***	No
Case Log ID:	349	***Responsible Party:***	No
UST E Owner ID:	0	***RP Name 1:***	
No Release:	No	***RP Name 2:***	
No LUST Site:	No	***RP Address1:***	
Motor Fuel:	No	***RP Address2:***	
Diesel:	No	***RP Town:***	
Gasoline:	No	***RP State:***	
Other:	No	***RP Town No:***	0
Other Release:		***RP ZIP No:***	
Leak:	No	***RP Phone:***	
Tank:	No	***RP Phone 2:***	
Piping:	No	***RP Fax:***	

Overfill:	No	***RP Email:***	
Removal:	No	***LUST Owner ID:***	FBB
CR Candidate:	No	***Investigator ID:***	0
OCSRD Complete:	No	***Referral Source:***	Water
Processing Status:		***Date Referred:***	
Enviro Impact:	UST Issues	***Location Data:***	
Effected Popula:		***Area Extent:***	
Population Setting:		***Event Description:***	
GW Direction:		***Dt Work Performed:***	
GW Gradient:		***ALT Water Supply:***	No
Follow up Flag:	No	***Annual Precip:***	
Follow Up Date:		***Relocation:***	No
Follow Up:			
Site Name 2:			
Running Comments:	File in LUST Cabinet		

Tank Info

EPA Reportable:	No	***Potable Well Sample:***	No
Closure Date:		***Sample Mws:***	No
Closure Req Rpt:	No	***GW Gauging:***	No
Dep Closure Letter:	No	***Soil Venting:***	No
Active:	No	***NOV Action:***	None
Hydro Basin:		***NOV Issued:***	
Drastic:		***NOV Due:***	
GW Classification:		***NOV Received:***	
Smpl Gauging Freq:		***NOV Closed:***	
GW Flow Direction:		***NOV Disc Date:***	
GW Depth:		***NOV Issued Date:***	
Areas of Concern:		***NOV Cmpliance Schd:***	
Free Product Inches:		***NOV Admin Order:***	
Fund Date:		***NOV Referred to Ag:***	
Fund Planned:	$0.00	***Stop All NOV Actions:***	No
Fund Obligated:	$0.00	***Release Invest Rpt:***	No
Fund Outlayed:	$0.00	***Dep App Letter1:***	No
Fund Judgment:	$0.00	***Correct Action Plan:***	No
Fund Recovered:	$0.00	***Dep App Letter2:***	No
Fund Comments:		***Rem Sys Install:***	No
Cellar Borings:	No	***Rem Sys Install Date:***	
Install Micro Wells:	No	***Rem Sys Monit Rpt:***	No
GW Sample:	No	***Qrtly GWtr Mon Rpt:***	No
Soil Sample:	No	***Referred to:***	
Soil Gas:	No	***No Wells:***	
Site Inspect:	Yes	***LPH Wells:***	
Soil Excavate:	No	***User Stamp:***	Terry Parker/ABassila
Geo Probe:	No	***Date Stamp:***	10/4/2010
Survey:	No	***Off Site Source:***	No
Geosetting:			
GW Comments:			
NOV Comments:			
Location Description:			

Work Performed:

compliance inspection

Release Info:

UST Issues

Correspondence:

Contact Info

Site Contact1:	***Site Contact2:***
Contact1 Address1:	***Contact2 Address1:***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact1 Address2:		**Contact2 Address2:**	
Contact1 Town No:	0	**Contact2 Town No:**	0
Contact1 Town:		**Contact2 Town:**	
Contact1 State:		**Contact2 State:**	
Contact1 Zip:		**Contact2 Zip:**	
Contact1 Phone:		**Contact2 Phone:**	
Contact1 Fax:		**Contact2 Fax:**	
Contact1 Type:		**Contact2 Type:**	
Contact1 Email:		**Contact2 Email:**	
DEP Contact1:		**DEP Contact2:**	

Correspondence

Date Issued:	7/11/2000	**User Stamp:**	Terry Parker/ABassila
Date Due:		**Date Stamp:**	10/4/2010
Date Received:	7/17/2000		
Action:	Sample Results		
Comments:			

Sampling Results (Scott Beals) Handex: 7 groundwater samples were collected from Geoprobe wells in May 2000. All 7 samples had detectable COCs. The detected COCs were above GWPC in 6 samples.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	1 of 2	NNE	0.42 / 2,228.23	70.58 / -112	**WES AND DIANE SEEMA (EXXON STATION # 6457)** **270 CLARKS FALL ROAD** **North Stonington CT 06359**	LUST

LUST Case ID:	32138	**Monthly RPT ID:**	0
LUST Status Code:	4	**UST E Facility ID:**	1683
LUST Status:	LUST COMPLETED	**Contact Info:**	
Incident Date:	4/8/1988	**Entry Date:**	
LUST ID:	3966	**Emergency:**	No
UST Event ID:	4055	**Private HF:**	No
UST Site ID:	475	**Commercial HF:**	No
CR Spill Case ID:		**Comm HF LE 2100:**	No
SITS Case ID:		**Comm HF GR 2100:**	No
OLD SITS Case ID:		**Comm HF Unknown:**	No
Case Log ID:		**Responsible Party:**	No
UST E Owner ID:	2134	**RP Name 1:**	ExxonMobil Oil Company
No Release:	No	**RP Name 2:**	
No LUST Site:	No	**RP Address1:**	P.O. Box 142667
Motor Fuel:	Yes	**RP Address2:**	
Diesel:	No	**RP Town:**	Austin
Gasoline:	No	**RP State:**	TX
Other:	No	**RP Town No:**	
Other Release:		**RP ZIP No:**	78714
Leak:	No	**RP Phone:**	8003278431
Tank:	No	**RP Phone 2:**	
Piping:	No	**RP Fax:**	
Overfill:	No	**RP Email:**	
Removal:	No	**LUST Owner ID:**	
CR Candidate:	No	**Investigator ID:**	
OCSRD Complete:	No	**Referral Source:**	
Processing Status:		**Date Referred:**	
Enviro Impact:		**Location Data:**	
Effected Popula:		**Area Extent:**	
Population Setting:		**Event Description:**	
GW Direction:		**Dt Work Performed:**	
GW Gradient:	0.02	**ALT Water Supply:**	No
Follow up Flag:	No	**Annual Precip:**	
Follow Up Date:		**Relocation:**	No
Follow Up:			
Site Name 2:			
Running Comments:	UST Cleanup Fund ID: 475 UST Facility Notification Form ID: 102-1683 3rd party = Ted Scheft (property owner)		

sold property 1993

File in LUST Cabinet

Tank Info

EPA Reportable:	Yes	***Potable Well Sample:***	No
Closure Date:		***Sample Mws:***	No
Closure Req Rpt:	No	***GW Gauging:***	No
Dep Closure Letter:	No	***Soil Venting:***	No
Active:	No	***NOV Action:***	None
Hydro Basin:		***NOV Issued:***	
Drastic:		***NOV Due:***	
GW Classification:	GA	***NOV Received:***	
Smpl Gauging Freq:	Quartlery	***NOV Closed:***	
GW Flow Direction:	East	***NOV Disc Date:***	
GW Depth:		***NOV Issued Date:***	
Areas of Concern:		***NOV Cmpliance Schd:***	
Free Product Inches:		***NOV Admin Order:***	
Fund Date:		***NOV Referred to Ag:***	
Fund Planned:	$0.00	***Stop All NOV Actions:***	No
Fund Obligated:	$0.00	***Release Invest Rpt:***	No
Fund Outlayed:	$0.00	***Dep App Letter1:***	No
Fund Judgment:	$0.00	***Correct Action Plan:***	No
Fund Recovered:	$0.00	***Dep App Letter2:***	No
Fund Comments:		***Rem Sys Install:***	No
Cellar Borings:	No	***Rem Sys Install Date:***	
Install Micro Wells:	No	***Rem Sys Monit Rpt:***	No
GW Sample:	No	***Qrtly GWtr Mon Rpt:***	No
Soil Sample:	No	***Referred to:***	
Soil Gas:	No	***No Wells:***	10
Site Inspect:	No	***LPH Wells:***	0
Soil Excavate:	No	***User Stamp:***	Terry Parker/ABassila
Geo Probe:	No	***Date Stamp:***	10/4/2010
Survey:	No	***Off Site Source:***	No
Geosetting:			

GW Comments: On-site storm drain network located down gradient of the former USTs. On-site portable well located approx. 30 feet west of the station building which is currently inactive. One portable well located at Auto-Truck plaza which is approx. 200 feet east. A wetland is located upgradient of the site. Groundwater flow survey was conducted in April 2009: Shallow overburden Wells - Southeast; Deep overburden wells - East; and Bedrock wells - Northeast

NOV Comments:

Location Description:

Site currently vacant with the exception of the former 2 bay service garage. Service station operations were discontinued in 1988 and the USTs removed from the site by New England Pollution Control Co. (NEPCO) the same year. The property was sold in July 2003.

Work Performed:

In 1989 MW1-MW4 installed by IT Corp. as part of an environmental site assessment. Petroleum hydrocarbon impact was detected in soil northeast of the dispenser islands and the former UST area. VOCs in soil were detected only northeast of dispenser islands.

A soil gas survey conducted as part of a follow up site investigation was completed by Land Tech Remedial Inc. in 1991. Soil gas concentrations were detected in the area of the former dispenser islands. MW5, MW6 & MW7 were installed in 1992 as part of a Phase II Site Assessment performed by Land Tech.
In March 1997, GES advanced 8 soil borings (B-a through B-h) lab results detected VOCs in soil near former northern dispenser.

April 1997, GES installed two SVE wells and 7 AS wells. And conducted an AS/SVE HIT Remediation event from June 1997 through Sept. 1997.

On March 19 & March 20, 2001: GES completed 4 soil borings, three SVE wells and three AS wells in the area of the former dispenser islands. A six month AS/SVE HIT remediation event from June 4, 2001 and concluded in Nov. 2001. The AS/SVE system was deactivated and removed from the site on 11/30/01.

GW at the site is currently above the CTDEP GA GWPC. The onsite MWs will be sampled on a quarterly basis in 2002 & 2003 in order to demonstrate compliance with the CTDEP RSRs.

Release Info:

Correspondence:

Action: Site Progress Report Issued:4/30/2002 Received:4/30/2002
GES: Reporting period Dec. 2001-March 2002. GA area. Quarterly GW monitoring. NAPL not detected. GW flow direction: East. GW gradient: 0.02 feet per foot.

Case Action

Action:	TANK/SOIL REMOVAL	***Start Date:***	4/8/1988
Medium:	Not Listed	***End Date:***	
Quantity:		***Dep Action:***	No
Unit:		***Action Date:***	4/8/1988

Contact Info

Site Contact1:		***Site Contact2:***	
Contact1 Address1:		***Contact2 Address1:***	GES
Contact1 Address2:		***Contact2 Address2:***	429B Hayden Station Road
Contact1 Town No:	0	***Contact2 Town No:***	164
Contact1 Town:		***Contact2 Town:***	Windsor
Contact1 State:		***Contact2 State:***	CT
Contact1 Zip:		***Contact2 Zip:***	06095
Contact1 Phone:		***Contact2 Phone:***	8606889023
Contact1 Fax:		***Contact2 Fax:***	8606889278
Contact1 Type:		***Contact2 Type:***	
Contact1 Email:		***Contact2 Email:***	
DEP Contact1:	Peter Zack	***DEP Contact2:***	

Correspondence

Date Issued:	5/8/2009	***User Stamp:***	Ken Holloway/khollowa
Date Due:		***Date Stamp:***	5/20/2009
Date Received:	5/12/2009		
Action:	A-2 Survey Results		
Comments:			

GES: an A-2 survey of the site and surrounding area to obtain GW elevations at on-site MWs relative to main sea level, and to tie into the regional MW network.

Date Issued:	4/8/1988	***User Stamp:***	Allison Forrest/aforrest
Date Due:		***Date Stamp:***	5/26/2009
Date Received:	4/8/1988		
Action:	UST Facility Notification		
Comments:			

According to a letter from Exxon Company, USA, to CTDEP -HAZMAT dated; 4/8/88, 1x8k, 2x6k gasoline and 1x1k WO USTs were removed from the facility in April of 1988.

Date Issued:	3/9/1998	***User Stamp:***	Allison Forrest/aforrest
Date Due:		***Date Stamp:***	5/26/2009
Date Received:	3/9/1998		
Action:	Ground Water Monitoring Report		
Comments:			

One piece of correspondence from Water Remediation Files received on 3/9/98 from Groundwater & Environmental Services, Inc. of Windsor, CT states that tanks were removed in the past. Monitoring. Tanks had not been used since 1984. depth to groundwater- 3.88 to 6.69ft. below grade. GA AREA. BTEX at MW-3 is 4526ug/L. The BTEX at the other wells is ND as of 1/27/98.

Date Issued:	2/10/2009	***User Stamp:***	Terry Parker/ABassila
Date Due:		***Date Stamp:***	11/12/2010
Date Received:			
Action:	Correspondence		
Comments:			

CTDEP Meeting Summary (Joseph Trzaski and Herbert Woike) GES: Summary of meeting in which ExxonMobil agreed to enter the Voluntary

Remediation Program to verify closure of the state if the CTDEP agrees that hydrocarbon contamination found in the deep overburden and bedrock aquifers are related to upgradient releases.

Date Issued:	4/30/2002	**User Stamp:**	
Date Due:		**Date Stamp:**	
Date Received:	4/30/2002		
Action:	Site Progress Report		
Comments:			

GES: Reporting period Dec. 2001-March 2002. GA area. Quarterly GW monitoring. NAPL not detected. GW flow direction: East. GW gradient: 0.02 feet per foot.

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8 | **2 of 2** | **NNE** | **0.42 / 2,228.23** | **70.58 / -112** | **Exxon Service Station #3-6457**
270 Clarks Falls Road
North Stonington CT | **VCP**

Rem ID:	9619	**Salutation:**	Mr. Bushroe
Remed Loc ID:	7669	**Rltnship to Trnsfr:**	parcel owner
Date Entered:	12/21/2009	**CP City:**	Inwood
Program:	Vol_Rem_X	**CP State:**	CT
Form:	X	**CP ZIP:**	11096
Stat Code:	V	**1st Pymt:**	$3,000.00
GAO Site:	No	**2nd Pymt:**	
Staff Full Name:	Drew Kukucka	**Pay Tag 1:**	354097
Super Date:	12/23/2009	**Pay Tag 2:**	
Type of Transfer:	voluntary	**Revised:**	
Transferor Seller:	n/a	**ECAF Rec D:**	12/23/2009
Transferee Buyer:	n/a	**ECAF Review:**	
GW:	GA	**Determ Date:**	4/27/2010
Basin:		**Date Recv:**	12/14/2009
RCV Tag:		**Ackn Date:**	12/23/2009
RTN:		**Ackn Tag:**	
RTN CTFD:		**Lead:**	LEP
Certifying Party:	ExxonMobil Corporation		
Title of CP:			
CP Attntion Prsn:	Scott Bushroe		
CP Street Address:	464 Doughty Boulevard		
Stat Desc:	Investigation and remediation verified by an LEP. No audit performed		

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9 | **1 of 1** | **NNE** | **0.48 / 2,513.00** | **72.81 / -110** | **R & R TRUCK STOP**
273 Clarks Falls Road (Route 184)
North Stonington CT 06359 | **LUST**

LUST Case ID:	28593	**Monthly RPT ID:**	0
LUST Status Code:	4	**UST E Facility ID:**	1694
LUST Status:	LUST COMPLETED	**Contact Info:**	
Incident Date:	6/4/1990	**Entry Date:**	
LUST ID:	2196	**Emergency:**	No
UST Event ID:	2195	**Private HF:**	No
UST Site ID:	497	**Commercial HF:**	No
CR Spill Case ID:		**Comm HF LE 2100:**	No
SITS Case ID:	201604082	**Comm HF GR 2100:**	No
OLD SITS Case ID:		**Comm HF Unknown:**	No
Case Log ID:		**Responsible Party:**	No
UST E Owner ID:	5499	**RP Name 1:**	Super Value, LLC
No Release:	No	**RP Name 2:**	Michael Coombes (contact and operator)
No LUST Site:	No	**RP Address1:**	50 South Main Street
Motor Fuel:	Yes	**RP Address2:**	
Diesel:	No	**RP Town:**	Spring Valley
Gasoline:	Yes	**RP State:**	NY
Other:	Yes	**RP Town No:**	
Other Release:		**RP ZIP No:**	109775633
Leak:	No	**RP Phone:**	8453566444
Tank:	No	**RP Phone 2:**	8605108288
Piping:	No	**RP Fax:**	

Overfill:	No	**RP Email:**	mcoombes@supervalueoil.com
Removal:	No	**LUST Owner ID:**	FBB
CR Candidate:	No	**Investigator ID:**	54
OCSRD Complete:	No	**Referral Source:**	Water
Processing Status:		**Date Referred:**	
Enviro Impact:		**Location Data:**	
Effected Popula:		**Area Extent:**	
Population Setting:		**Event Description:**	
GW Direction:		**Dt Work Performed:**	
GW Gradient:		**ALT Water Supply:**	No
Follow up Flag:	No	**Annual Precip:**	
Follow Up Date:		**Relocation:**	No
Follow Up:	Compliance Inspection		
Site Name 2:			
Running Comments:	Spills Files, UST Enforcement Files, Cleanup Fund Files, and LUST Files		

Case Release

Substance:	Gasoline	**Unit:**	Gallons
Quantity:	0	**Comments:**	
Source:	Motor Fuel		

Tank Info

EPA Reportable:	Yes	**Potable Well Sample:**	No
Closure Date:		**Sample Mws:**	No
Closure Req Rpt:	No	**GW Gauging:**	No
Dep Closure Letter:	No	**Soil Venting:**	No
Active:	No	**NOV Action:**	None
Hydro Basin:		**NOV Issued:**	
Drastic:		**NOV Due:**	
GW Classification:	GA	**NOV Received:**	
Smpl Gauging Freq:		**NOV Closed:**	
GW Flow Direction:	east	**NOV Disc Date:**	
GW Depth:	7-11	**NOV Issued Date:**	
Areas of Concern:		**NOV Cmpliance Schd:**	
Free Product Inches:		**NOV Admin Order:**	
Fund Date:		**NOV Referred to Ag:**	
Fund Planned:	$0.00	**Stop All NOV Actions:**	No
Fund Obligated:	$0.00	**Release Invest Rpt:**	No
Fund Outlayed:	$0.00	**Dep App Letter1:**	No
Fund Judgment:	$0.00	**Correct Action Plan:**	No
Fund Recovered:	$0.00	**Dep App Letter2:**	No
Fund Comments:		**Rem Sys Install:**	No
Cellar Borings:	No	**Rem Sys Install Date:**	
Install Micro Wells:	No	**Rem Sys Monit Rpt:**	No
GW Sample:	No	**Qrtly GWtr Mon Rpt:**	No
Soil Sample:	No	**Referred to:**	
Soil Gas:	No	**No Wells:**	
Site Inspect:	No	**LPH Wells:**	
Soil Excavate:	No	**User Stamp:**	longv/longv
Geo Probe:	No	**Date Stamp:**	9/7/2018
Survey:	No	**Off Site Source:**	No
Geosetting:			
GW Comments:	GW flow is easterly, towards the intermittent stream that runs along the eastern boundary of the site. Potable wells exist withing 500 ft radius of site.		
NOV Comments:			
Location Description:			

Site is located at the intersection of Clark Falls Road & Connecticut Rt. 184 in North Stonington, CT. Relief in the area is generally level with a slight slop to the east. The site is generally covered with asphalt with a few grass areas. The site is bounded by a commuter parking lot and Interstate 95 across Rt. 184 to the south, a wooded area to the north, a former/abandoned Exxon service station to the east, and an intermittent steam and the entrance to a motel to the west.

Site is currently an active retail petroleum service station with 5 gasoline and diesel pump islands, an overhead canopy, and a two story masonry building which contains 3 bay service garage, restaurant, motel, and the station office. 6 USTs (3 8,000 gal. Gasoline / 1- 10,000 diesel / 1-20,000 gal. Diesel / 1-3,000 gal kerosene UST) exist on the subject site.

A total of 10 overburdened MWs (MW-1 through MW-10), 10 soil vapor extraction (SVE) points, 24 air sparge points, and a treatment system trailer are located on site. A granular activated carbon system for the sites potable well exists within the water supply storage tank area in the north-central corner of the site building.

Work Performed:

In June 1990 Republic Oil Co. contracted Pasqualini Construction to remove & replace 10 gasoline & diesel USTs. Approx.. 600 tons of soil removed.

In Feb. 1995 Shawmut Bank contracted Gemini Geotechnical Associates to conduct a Level 2 Environmental Site Assessment of the site. (drilled 6 soil borings subsequently MWs installed in the borings) GW samples taken.

In Feb. 1996, Vargo & Assoc. collected GW samples from 5 MWs. Total BTEX concentrations ranged from 1 ppb to 8,700 ppb MTBE concentrations ranged from bdl to 740 ppb.

In March 1998 Baltec Assoc. completed a Limited Subsurface Hydrocarbon Assessment that included 9 soil borings. 1 sample representative of each boring was submitted to a lab for gasoline & diesel range organic analyses. GRO concentrations were detected in 3 samples and ranged from 27 ppb to 2,400 ppm. DRO concentrations were detected in 2 samples ranged from 770 ppm to 4,900 ppm. Baltic subsequently completed 4 of the borings as MWs. Total BTEX concentrations were detected in 8 of the 10 GW samples collected and DRO concentrations were detected in 5 of the 10 GW samples collected. Both the Station & Budget Inn potable wells samples contained no concentrations of BTEX, MTBE or DRO.

Baltec also conducted an Enhanced Fluid Recovery event in March 1998.

In April 2000 a GAC treatment system was installed due to the presence of low concentrations of MTBE in the on-site potable well. However, due to persistent iron-fouling problems the GAC system has been offline a large percentage of the time that has elapsed since it was installed.

On June 23, 2000 a limited GW quality evaluation event was conducted by Handex of CT to facilitate the design of a SVE/AS pilot test. Analysis of the samples revealed the most elevated concentrations of MTBE and/or BTEX are located 20-30 fbg interval.

Sept. 8, 2000 1 air-sparge test point and 2 SVE pilot test monitoring points were installed by Handex.

March 8, 2001 Handex: The SVE and air sparge testing conducted at the site indicated that an AS/SVE system would be effective treatment measure. Handex completed the installation of an AS/SVE system during the 4th quarter 2001. The SVE portion became fully operational on 11/27/01. The AS portion was activated on March 21, 2002 when SVE system effluent air showed marked BTEX concentration declines.

Release Info:

UST Issues

Correspondence:

Action: Air Sparging & Soil Vapor Extraction Pilot Issued:5/29/2001 Received:5/30/2001
Handex, SVE test result. They are also considering the completion of a dual-phase extraction test. s indicated a radial influence of greater than 25 feet and up to a 15 foot radial influence for the air sparging test.
Action: Quarterly Monitoring Report Issued:6/1/2001 Received:6/11/2001
Handex, findings from 5/11/01 GW monitoring & sampling event. BTEX concentrations ranged from BDL to 34,860 ppb in the GW samples collected. MTBE concentrations ranged from BDL to 1,100 ppb in the GW sample collected. 1,4-dichlorobenzene was detected in concentrations of 3.7 ppb in the GW sample collected from MW-8. MTBE concentrations in the influent to the GAC system averaged 30ppb since October 2000, with the most elevated concentration detected in April 2001 (38 ppb) GAC and/or tap samples will continue to be collected on a monthly basis. The next GW monitoring & sampling event is tentatively scheduled for July 2001.
Action: Quarterly Monitoring Report April - June 2002 Issued:7/2/2002 Received:7/8/2002
This report represents a summary of GW monitoring & soil vapor extraction/air sparge system operations & maintenance activities completed at the site during the 2nd quarter of 2002. During initial startup period of the SVE system. BTEX concentrations were elevated. They displayed a marked & steady decline after the first 3 weeks of system operation. With the exception of MTBE in MW-2 and total BTEX in MW-1, MW-2, MW-3, MW-4 and MW-7 the MW's displayed concentration declines for all parameters compared to the previous sampling event. The potable well water supply GAC system has been off line since October 2001 due to a persistent iron-fouling problem. The MTBE concentration detected during this sampling round (31 ppb of MTBE on June 19, 2002 was below CTDPH 70-ppb CTDOH action level.
Action: SVE/AS System Start-up Report Issued:3/15/2002 Received:3/19/2002
Handex: During August 2001 through November 2001 a SVE/AS was installed. The vacuum portion of the remediation system was activated in December 2001. This report provides an as-built description of the entire system layout and SVE system startup monitoring & performance evaluation results. Approx. 1.253 x 10 (3) lbs/month of VOC is currently being remediated. Air bag samples detected an ave. daily Benzene emission of .837 ppbv.
Action: Quarterly Monitoring Report Issued:1/2/2002 Received:1/4/2002
Handex
Annual GW sampling & reporting on:12/12/01
BTEX concentrations ranged from: BDL to 8,840 ppb. in the GW samples collected.
MTBE concentrations ranged from: BDL to 64 ppb in the GW samples collected.
MTBE concentrations in the influent GAC system ave. 32 ppb since Oct. 2000 with the most elevated concentration detected in Sept. 2001 (40ppb). GAC and/or tap samples will continue to be collected on a monthly basis.
Action: Quarterly Monitoring Report 7/02-8/02 Issued:11/8/2002 Received:11/14/2002
Handex: Summary of GW monitoring and soil vapor extraction/air sparge system O&M activities during third quarter 2002. Quarterly monitoring & sampling of 10 onsite wells on 7/24/02, monthly sampling of the on-site potable water supply, and bi-monthly/as-needed site visits to perform O&M on the AS/SVE remediation system. The bi-monthly O&M visits included the collection of GW elevation data, the collection of air bag samples of the effluent

air from the SVE system, and the monitoring of operational parameters of the AS/SVE systems. With the exception of MTBE in MW2 & total BTEX in MW1, MW2, MW3, MW4, MW7 the MWs displayed concentration declines for all parameters when compared to the previous sampling event. The potable well water supply GAC system is currently off-line & has been since Oct. 2001 due to a persistent iron-fouling problem that has been caused by the current owners failure to adequately maintain their iron removal/treatment system. The MTBE concentrations detected during the third quarter of 2002 were below the CTDPH 70-ppb CTDOH action level.

Case Action

Action:	TANK/SOIL REMOVAL	***Start Date:***	3/15/1990
Medium:	600 tons	***End Date:***	
Quantity:		***Dep Action:***	No
Unit:		***Action Date:***	3/15/1990

Contact Info

Site Contact1:	Kropp Environmental	***Site Contact2:***	
Contact1 Address1:		***Contact2 Address1:***	Handex Environmental (Monroe, CT)
Contact1 Address2:		***Contact2 Address2:***	569 Main Street
Contact1 Town No:	0	***Contact2 Town No:***	85
Contact1 Town:		***Contact2 Town:***	Monroe
Contact1 State:		***Contact2 State:***	CT
Contact1 Zip:		***Contact2 Zip:***	06468
Contact1 Phone:		***Contact2 Phone:***	2032612673
Contact1 Fax:		***Contact2 Fax:***	2032614941
Contact1 Type:		***Contact2 Type:***	
Contact1 Email:		***Contact2 Email:***	
DEP Contact1:	Jim Santacroce	***DEP Contact2:***	

Correspondence

Date Issued:	7/11/2000	***User Stamp:***	Terry Parker/ABassila
Date Due:		***Date Stamp:***	10/4/2010
Date Received:	7/17/2000		
Action:	Sample Results		
Comments:			

Sampling Results (Scott Beals) Handex: 7 groundwater samples were collected from Geoprobe wells in May 2000. All 7 samples had detectable COCs. The detected COCs were above GWPC in 6 samples.

Date Issued:	7/12/2001	***User Stamp:***	Terry Parker/ABassila
Date Due:		***Date Stamp:***	10/4/2010
Date Received:	7/16/2001		
Action:	RAP		
Comments:			

Proposed Remedial Action Plan (Scott Beals) Handex:

Date Issued:	7/3/1996	***User Stamp:***	Terry Parker/ABassila
Date Due:		***Date Stamp:***	10/4/2010
Date Received:	7/3/1996		
Action:	Scope of Work		
Comments:			

Scope of Work (Partick Vargo) Tyree Environmental Technologies:

Date Issued:	1/2/2002	***User Stamp:***	Terry Parker/ABassila
Date Due:		***Date Stamp:***	10/4/2010
Date Received:	1/4/2002		
Action:	Interdepartmental Correspondence		
Comments:			

December 2001 Quarterly Monitoring Report (Wayne Thomas and Cindy Lauber) Handex:

Date Issued: 10/31/1997 ***User Stamp:*** Terry Parker/ABassila
Date Due: ***Date Stamp:*** 10/4/2010
Date Received: 11/4/1997
Action: Correspondence
Comments:

Summary of Historical Environmental Reports (Michael Scaringella) Baltec Associates:

Date Issued: 6/18/2001 ***User Stamp:*** Terry Parker/ABassila
Date Due: ***Date Stamp:*** 10/4/2010
Date Received:
Action: Correspondence
Comments:

Noncompliance Issues (Frank Bartolomeo) CTDEP:

Date Issued: 5/19/2005 ***User Stamp:*** Terry Parker/ABassila
Date Due: ***Date Stamp:*** 10/4/2010
Date Received: 5/24/2005
Action: Site Status Report
Comments:

Site Status Report (Scott Beals) Sovereign Consulting Inc: Groundwater monitoring was done for January through April 2005. A total of 6 monitoring wells were gauged and sampled on April 21, 2005. Groundwater samples were analyzed for VOCs (EPA 602). 5 GW samples had detectable COCs. The detected COCs were above GWPC in MW-2, 3, 7, and 9.

Date Issued: 8/5/1998 ***User Stamp:*** Terry Parker/ABassila
Date Due: ***Date Stamp:*** 10/4/2010
Date Received: 8/10/1998
Action: Subsurface Investigation/Phase II
Comments:

Limited Subsurface Hydrocarbon Assessment Report (Michael Scaringella and Tony Mariano) Baltec Associates

Date Issued: 8/29/1994 ***User Stamp:*** Terry Parker/ABassila
Date Due: ***Date Stamp:*** 10/4/2010
Date Received: 8/29/1994
Action: SOW
Comments:

Scope of Work (Patrick Vargo) Tyree Environmental Technologies:

Date Issued: 8/12/2005 ***User Stamp:*** Terry Parker/ABassila
Date Due: ***Date Stamp:*** 10/4/2010
Date Received: 8/22/2005
Action: Site Status Report
Comments:

Site Status Report (Scott Beals) Sovereign Consulting Inc: Groundwater Monitoring done for May through August 2005.

Date Issued: 4/2/2009 ***User Stamp:*** Allison Forrest/aforrest
Date Due: ***Date Stamp:*** 7/14/2009
Date Received: 4/2/2009
Action: Emergency Incident Field Report
Comments:

Emergency Incident Field Report (R. Scalora) DEP: ~30 gallons of diesel fuel was released when a unknown tractor trailer customer overfilled their vehicle. Site personnel covered the release with speedy dry. The release had entered to on site catch basins and that impacted pavement was not blocked off and thus vehicles have driven through the product. FD responded and deployed sorbent boom at the discharge point of catch basins to prevent further migration of release. ERC observed that there was no discharge of product from catch basins to surface water. Kropp Environmental was contracted to pump catch basins and properly dispose of used speedy dry.

Date Issued: ***User Stamp:*** Allison Forrest/ForrestA

Date Due: **Date Stamp:** 11/6/2012
Date Received: 6/4/1990
Action: Spill Report
Comments:

According to the Spill Report dated 1990, Multiple Tank pull. 4x4k diesel, 4x4k gasoline, 1x10k gasoline, and 1x10k diesel were removed by Pasqualini Construction, Inc. Many of the tanks had holes.

Date Issued: 6/8/1990 **User Stamp:** Allison Forrest/ForrestA
Date Due: **Date Stamp:** 11/6/2012
Date Received: 6/8/1990
Action: UST Facility Notification
Comments:

According to the UST Facility Notification Form dated; 6/8/90, (1x10k and 4x4k) gasoline, (1x2k, 4x4k, and 1x10k) DF, and 1x10k kerosene were removed from the subject facility in the time period of March 1990 to September 1990. New tanks were installed in February and April of 1990.

Date Issued: 8/23/2018 **User Stamp:** Allison Forrest/ABassila
Date Due: **Date Stamp:** 8/16/2011
Date Received:
Action: Tank Removal
Comments:

According to a UST Removal Report by Day Environmental, of the tanks removed, many had small holes. Soil samples were taken and high levels of contamination were present. More soil was removed and samples were taken again. The results of the second sampling show that the removal of contamination has been virtually complete. It is recommended that GW be sampled once per quarter to demonstrate that there is no effect from these contaminant levels. According to Day, the site has been adequately remediated to protect the GW from deterioration with the exceptions regarding volatiles from the old USTs.

Date Issued: 5/31/1996 **User Stamp:** Allison Forrest/AForrest
Date Due: **Date Stamp:** 1/11/2012
Date Received: 5/31/1996
Action: Correspondence
Comments:

Re: Connecticut DEP (P. Zack) DEP: Scope of Work was late and no investigation findings were submitted to DEP.

Date Issued: 9/19/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 9/19/2016
Date Received: 9/19/2016
Action: Interdepartmental Correspondence
Comments:

Date Issued: 8/19/2014 **User Stamp:** Allison Forrest/forresta
Date Due: **Date Stamp:** 8/19/2014
Date Received: 8/19/2014
Action: Interdepartmental Correspondence
Comments:

Date Issued: 8/19/2014 **User Stamp:** Allison Forrest/forresta
Date Due: **Date Stamp:** 8/19/2014
Date Received: 8/19/2014
Action: Interdepartmental Correspondence
Comments:

Date Issued: 8/1/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 8/2/2016
Date Received: 8/1/2016
Action: Interdepartmental Correspondence
Comments:

Date Issued: 8/1/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 8/2/2016

Date Received: 8/1/2016
Action: Interdepartmental Correspondence
Comments:

Date Issued: 8/2/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 8/2/2016
Date Received: 8/2/2016
Action: Interdepartmental Correspondence
Comments:

Date Issued: 8/2/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 8/2/2016
Date Received: 8/2/2016
Action: Interdepartmental Correspondence
Comments:

Allison Forrest spoke to Matt Williamson, release was contained to truck stop paved surfaces and was cleaned up by Kropp.

Date Issued: 9/20/2016 **User Stamp:**
Date Due: **Date Stamp:** 9/29/2016
Date Received: 9/20/2016
Action: Interdepartmental Correspondence
Comments:

Per ERC: Case # 2016- 5014 involved a driver with Richard Wright, Inc. inadvertently placing the dispenser nozzle on the pavement and then activating the pump, which caused approx. 15-gallons spilled onto the pavement. No more than a half-gallon of diesel entered one CB. Speedy dry was applied by Pilot to contain the spill. Environmental Products & Services was hired by Pilot and responded out of New York. They cleaned up the speedy dry and remaining diesel fuel on the pavement. The small amount of diesel in the CB was absorbed with pads.

Date Issued: 5/2/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 5/2/2016
Date Received: 5/2/2016
Action: Interdepartmental Correspondence
Comments:

Date Issued: 5/2/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 5/2/2016
Date Received: 5/2/2016
Action: Interdepartmental Correspondence
Comments:

Date Issued: 5/2/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 5/2/2016
Date Received: 5/2/2016
Action: Interdepartmental Correspondence
Comments:

Date Issued: 5/2/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 5/2/2016
Date Received: 5/2/2016
Action: Interdepartmental Correspondence
Comments:

Date Issued: 5/2/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 5/4/2016
Date Received: 5/2/2016
Action: Interdepartmental Correspondence
Comments:

Date Issued: 5/2/2016 **User Stamp:** forresta/forresta
Date Due: **Date Stamp:** 5/4/2016
Date Received: 5/2/2016

Action: Interdepartmental Correspondence
Comments:

Date Issued: 9/26/2016 ***User Stamp:***
Date Due: ***Date Stamp:*** 9/27/2016
Date Received: 9/26/2016
Action: LUST Autopsy
Comments:

Date Issued: 6/16/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 6/16/2017
Date Received: 6/16/2017
Action: Interdepartmental Correspondence
Comments:

Hi Mark,

Your name is listed as the AT Inspector on the Spill Report for this site. Was anyone from ERU assigned the release of 25 gallons of diesel fuel from a overfill at 275 Clarks Fall Road in North Stonington. I am wondering if it was a customer overfill or an overfill of a UST during delivery and also if corrective actions were taken?

Thanks,
Allison

Date Issued: 5/2/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 5/2/2017
Date Received: 5/2/2017
Action: Interdepartmental Correspondence
Comments:

Allison:
I never recd the email he is referring to. What exactly would you like him to submit. See site 102-1694. There is no Nov as Mike chose to give him a warning letter. There is a release autopsy. Inspection report printed 3/28/17 states

3/28/17 I met with Michael. He showed me video footage of the impact by a 'Western Express' Tractor Trailer [#4763], that occurred at 12:23am today. A few gallons leaked between 12:30 and 8:00am from a nipple inside dispenser #19. The shear valve was anchored, but failed. (according to Chris of RI Hydrailics) Two drums of cleanup materials were left onsite, labeled for transport. ERU Scalora has the spill report/case#. Michael will email repair and any testing to me at Mike.Cosker@Ct.Gov

Kelly A. McShea

Date Issued: 5/2/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 5/2/2017
Date Received: 5/2/2017
Action: Interdepartmental Correspondence
Comments:

Note to Kelly McShea: # WLUST-MC217-0021 need tightness testing of dispenser sump/pan

Date Issued: 3/29/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 4/12/2017
Date Received: 3/29/2017
Action: Interdepartmental Correspondence
Comments:

Allison,

Check with George he had assigned Mike to go to the site and follow up with the testing.
RICHARD J SCALORA

Date Issued: 8/23/2018 ***User Stamp:*** LongV/LongV
Date Due: ***Date Stamp:*** 8/23/2018
Date Received: 8/23/2018
Action: Investigation Report
Comments:

DEEP ERU Report for Spill Case Number 2016-04082, by ERC Rich Scalora, states that the 50-75 gallon diesel surface spill was adequately cleaned up by Kropp Environmental using Speedy Dry cased closed with ERU on 9/23/16.

Date Issued: 6/15/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 6/22/2017
Date Received: 6/21/2017
Action: Email Correspondence
Comments:

Mark,

Just an fyi/follow-up from last night. I spoke to NRC this morning - they generated 2 drums of speedri and it was contained before it hit any nearly basins. All contained to island/pavement. Drums will be disposed of contents are profiled. Any questions - let me know. Thanks

Scott Beals

Date Issued: 6/15/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 6/22/2017
Date Received: 6/21/2017
Action: Interdepartmental Correspondence
Comments:

NR

Date Issued: 8/23/2018 ***User Stamp:*** LongV/LongV
Date Due: ***Date Stamp:*** 9/13/2018
Date Received: 8/23/2018
Action: LUST Closure Worksheet
Comments:

LUST Closure Worksheet completed for Spill Case No. 2016-04082

Date Issued: 3/29/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 3/29/2017
Date Received: 3/29/2017
Action: Interdepartmental Correspondence
Comments:

Date Issued: 3/29/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 3/29/2017
Date Received: 3/29/2017
Action: Interdepartmental Correspondence
Comments:

Date Issued: 3/29/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 3/29/2017
Date Received: 3/29/2017
Action: Interdepartmental Correspondence
Comments:

Date Issued: 3/29/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 3/29/2017
Date Received: 3/29/2017
Action: Interdepartmental Correspondence
Comments:

Date Issued: 3/29/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 3/29/2017
Date Received: 3/29/2017
Action: Warning Letter
Comments:

Warning Letter, WARNING LETTER, WARNING # WLUST-MC217-0021 - Site # 102-1694 (M. Cosker) DEEP: warning regarding: Regulation: CT state regulation 105(a)(1)
Violation Reason: A release has occurred as the results of an unusual operating condition.
Required Action: Please initiate an investigation into the cause of release and submit a written report within 7 days to the department delineating the investigation and its conclusions.

Date Issued: 3/29/2017 ***User Stamp:*** ForrestA/forrestlaiuppaa
Date Due: ***Date Stamp:*** 3/29/2017
Date Received: 3/29/2017
Action: UST Inspection
Comments:

UST Compliance Inspection Checklist (M. Cosker) DEEP: Narrative Comments
3/28/17 I met with Michael. He showed me video footage of the impact by a 'Western Express' Tractor Trailer [#4763], that occurred at 12:23am today. A few gallons leaked between 12:30 and 8:00am from a nipple inside dispenser #19. The shear valve was anchored, but failed. (according to Chris of RI Hydrailics) Two drums of cleanup materials were left onsite, labeled for transport. ERU Scalora has the spill report/case#. Michael will email repair and any testing to me at Mike.Cosker@Ct.Gov
Potential Violations
No violations found.

Date Issued: 3/15/2002 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 3/19/2002
Action: SVE/AS System Start-up Report
Comments:

Handex: During August 2001 through November 2001 a SVE/AS was installed. The vacuum portion of the remediation system was activated in December 2001. This report provides an as-built description of the entire system layout and SVE system startup monitoring & performance evaluation results. Approx. 1.253 x 10 (3) lbs/month of VOC is currently being remediated. Air bag samples detected an ave. daily Benzene emission of .837 ppbv.

Date Issued: 1/2/2002 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 1/4/2002
Action: Quarterly Monitoring Report
Comments:

Handex
Annual GW sampling & reporting on:12/12/01
BTEX concentrations ranged from: BDL to 8,840 ppb. in the GW samples collected.
MTBE concentrations ranged from: BDL to 64 ppb in the GW samples collected.
MTBE concentrations in the influent GAC system ave. 32 ppb since Oct. 2000 with the most elevated concentration detected in Sept. 2001 (40ppb).
GAC and/or tap samples will continue to be collected on a monthly basis.

Date Issued: 11/8/2002 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 11/14/2002
Action: Quarterly Monitoring Report 7/02-8/02
Comments:

Handex: Summary of GW monitoring and soil vapor extraction/air sparge system O&M activities during third quarter 2002. Quarterly monitoring & sampling of 10 onsite wells on 7/24/02, monthly sampling of the on-site potable water supply, and bi-monthly/as-needed site visits to perform O&M on the AS/SVE remediation system. The bi-monthly O&M visits included the collection of GW elevation data, the collection of air bag samples of the effluent air from the SVE system, and the monitoring of operational parameters of the AS/SVE systems. With the exception of MTBE in MW2 & total BTEX in MW1, MW2, MW3, MW4, MW7 the MWs displayed concentration declines for all parameters when compared to the previous sampling event. The potable well water supply GAC system is currently off-line & has been since Oct. 2001 due to a persistent iron-fouling problem that has been caused by the current owners failure to adequately maintain their iron removal/treatment system. The MTBE concentrations detected during the third quarter of 2002 were below the CTDPH 70-ppb CTDOH action level.

Date Issued: 2/14/2003 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 2/20/2003
Action: Ground Water Monitoring Report
Comments:

Handex: The work performed during this monitoring period included quarterly monitoring & sampling of 10 on-site wells 10/15/02, monthly sampling on the on-site potable water supply, and monthly/as needed site visits for O&M.

Approx. 1,318 gals. product have been removed from the subsurface since the AS/SVE system was activated. With the exception of total BTEX in MW9 & MTBE in Mw4, MW7, MW8 & MW9 the MWs displayed concentration declines for all parameters compared to the previous sampling event.

The Potable well system is currently off-line & has been since Oct. 2001, The MTBE concentrations detected were below CTDPH 70 ppb CTDOH action level.

Date Issued: 1/18/2006 ***User Stamp:*** Kelly McShea/kmcshea
Date Due: ***Date Stamp:*** 3/16/2006
Date Received: 1/25/2006
Action: Site Status Report
Comments:

Sovereign: Elevated concentrations of BTEX constituents and MTBE continue to be detected in site MWs at levels exceeding respective standards. While the SVE system appears to be operating efficiently in recovering hydrocarbon vapors from the subsurface soils, the AS system is not effectively treating the impacted GW as it was initially designed. Presently the current owner is redeveloping the entire site, once that is completed Sovereign will reassess the treatment operations for the site.

Date Issued: 7/11/2000 ***User Stamp:*** Kelly McShea/kmcshea
Date Due: ***Date Stamp:*** 5/30/2006
Date Received: 7/17/2000
Action: Water Samples
Comments:

Handex has completed the limited Geoprobe event which encompasssed the collection of water samples in the area surrounding MW2 & MW3. 7 GW samples were collected & analyzed.

Date Issued: 5/22/2003 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 5/29/2003
Action: Ground Water Monitoring Report
Comments:

Handex: Report summarizes GW monitoring and soil vapor extraction/air sparge system O&M activities completed at this site during the first quarter 2003. Estimated 1,374.31 gal. product removed from the subsurface since AS/SVE system activated. MW1, MW2 & MW3 show a marked concentration decline from the pre-AS/SVE system installation from the parts per million range to the current parts per billion concentration. The potable well water supply GAC system has been off line since Oct. 2001 due to a persistent iron-fouling problem.

Date Issued: 1/18/2000 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 1/21/2000
Action: Quarterly Report
Comments:

12/17/99 GW monitoring & sampling event

Date Issued: 1/6/2000 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 2/23/2000
Action: Sample Results
Comments:

Test result Site Summary Report (Tanknology)

Date Issued: 8/3/2000 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 8/7/2000
Action: Quarterly Report
Comments:

Handex Env. 2/21/00 GW monitoring & sampling

Date Issued: 9/27/2000 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 10/5/2000

Action: Lab Analysis Handex Environmental
Comments:

Date Issued: 5/29/2001 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 5/30/2001
Action: Air Sparging & Soil Vapor Extraction Pilot
Comments:

Handex, SVE test result. They are also considering the completion of a dual-phase extraction test. s indicated a radial influence of greater than 25 feet and up to a 15 foot radial influence for the air sparging test.

Date Issued: 6/1/2001 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 6/11/2001
Action: Quarterly Monitoring Report
Comments:

Handex, findings from 5/11/01 GW monitoring & sampling event. BTEX concentrations ranged from BDL to 34,860 ppb in the GW samples collected. MTBE concentrations ranged from BDL to 1,100 ppb in the GW sample collected. 1,4-dichlorobenzene was detected in concentrations of 3.7 ppb in the GW sample collected from MW-8. MTBE concentrations in the influent to the GAC system averaged 30ppb since October 2000, with the most elevated concentration detected in April 2001 (38 ppb) GAC and/or tap samples will continue to be collected on a monthly basis. The next GW monitoring & sampling event is tentatively scheduled for July 2001.

Date Issued: 7/2/2002 ***User Stamp:***
Date Due: ***Date Stamp:***
Date Received: 7/8/2002
Action: Quarterly Monitoring Report April - June 2002
Comments:

This report represents a summary of GW monitoring & soil vapor extraction/air sparge system operations & maintenance activities completed at the site during the 2nd quarter of 2002. During initial startup period of the SVE system. BTEX concentrations were elevated. They displayed a marked & steady decline after the first 3 weeks of system operation. With the exception of MTBE in MW-2 and total BTEX in MW-1, MW-2, MW-3, MW-4 and MW-7 the MW's displayed concentration declines for all parameters compared to the previous sampling event. The potable well water supply GAC system has been off line since October 2001 due to a persistent iron-fouling problem. The MTBE concentration detected during this sampling round (31 ppb of MTBE on June 19, 2002 was below CTDPH 70-ppb CTDOH action level.

Unplottable Summary

Total: 7 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
LUST	SQUIRE ONE APARTMENTS 108-112	ANTHONY RD.	New London CT	06320	809412532
		***LUST Case ID*	*LUST Status:*** 30466 | LUST COMPLETED		
LUST	Agway Hardware Store	South Broad Street	Stonington CT	06378	809413187
		***LUST Case ID*	*LUST Status:*** 29119 | LUST COMPLETED		
SPILLS		tre 184 & boom bridge rd	NORTH STONINGTON CT		809261577
		***Case No*	*Status:*** 9705974 | Closed		
SPILLS		RT 184 AND BOOM BRIDGE RD	NORTH STONINGTON CT		809278194
		***Case No*	*Status:*** 9901618 | Closed		
SUPERFUND ROD	NEW LONDON SUBMARINE BASE	ROUTE 12 CRYSTAL LAKE RD	NEW LONDON CT	06349	859644383
SWF/LF		BATES WOODS PARK	NEW LONDON CT		809148621
VCP	Habitat for Humanity	North End of Fitch Avenue	New London CT		809243456

Unplottable Report

Site: ***SQUIRE ONE APARTMENTS 108-112***
ANTHONY RD. New London CT 06320

LUST

LUST Case ID:	30466	***Monthly RPT ID:***	0
LUST Status Code:	4	***UST E Facility ID:***	
LUST Status:	LUST COMPLETED	***Contact Info:***	
Incident Date:	7/14/1994	***Entry Date:***	
LUST ID:	2395	***Emergency:***	No
UST Event ID:	2394	***Private HF:***	Yes
UST Site ID:		***Commercial HF:***	No
CR Spill Case ID:		***Comm HF LE 2100:***	No
SITS Case ID:		***Comm HF GR 2100:***	No
OLD SITS Case ID:		***Comm HF Unknown:***	No
Case Log ID:		***Responsible Party:***	No
UST E Owner ID:		***RP Name 1:***	
No Release:	No	***RP Name 2:***	
No LUST Site:	No	***RP Address1:***	
Motor Fuel:	No	***RP Address2:***	
Diesel:	No	***RP Town:***	
Gasoline:	No	***RP State:***	
Other:	No	***RP Town No:***	0
Other Release:		***RP ZIP No:***	
Leak:	No	***RP Phone:***	
Tank:	No	***RP Phone 2:***	
Piping:	No	***RP Fax:***	
Overfill:	No	***RP Email:***	
Removal:	No	***LUST Owner ID:***	
CR Candidate:	No	***Investigator ID:***	26
OCSRD Complete:	No	***Referral Source:***	
Processing Status:		***Date Referred:***	
Enviro Impact:		***Location Data:***	
Effected Popula:		***Area Extent:***	
Population Setting:		***Event Description:***	
GW Direction:		***Dt Work Performed:***	
GW Gradient:		***ALT Water Supply:***	No
Follow up Flag:	No	***Annual Precip:***	
Follow Up Date:		***Relocation:***	No
Follow Up:			
Site Name 2:			
Running Comments:			

Case Release

Substance:	Heating Oil	***Unit:***	Gallons
Quantity:	2000	***Comments:***	Pipe Release; Uncontrolled release from UST; UST removed; Type/Gal: 2000/STEEL; Substance: HF2;
Source:	Residential Heating Oil		

Tank Info

EPA Reportable:	No	***Potable Well Sample:***	No
Closure Date:		***Sample Mws:***	No
Closure Req Rpt:	No	***GW Gauging:***	No
Dep Closure Letter:	No	***Soil Venting:***	No
Active:	No	***NOV Action:***	None
Hydro Basin:		***NOV Issued:***	
Drastic:		***NOV Due:***	
GW Classification:		***NOV Received:***	
Smpl Gauging Freq:		***NOV Closed:***	

GW Flow Direction:		***NOV Disc Date:***	
GW Depth:		***NOV Issued Date:***	
Areas of Concern:		***NOV Cmpliance Schd:***	
Free Product Inches:		***NOV Admin Order:***	
Fund Date:		***NOV Referred to Ag:***	
Fund Planned:	$0.00	***Stop All NOV Actions:***	No
Fund Obligated:	$0.00	***Release Invest Rpt:***	No
Fund Outlayed:	$0.00	***Dep App Letter1:***	No
Fund Judgment:	$0.00	***Correct Action Plan:***	No
Fund Recovered:	$0.00	***Dep App Letter2:***	No
Fund Comments:		***Rem Sys Install:***	No
Cellar Borings:	No	***Rem Sys Install Date:***	
Install Micro Wells:	No	***Rem Sys Monit Rpt:***	No
GW Sample:	No	***Qrtly GWtr Mon Rpt:***	No
Soil Sample:	No	***Referred to:***	
Soil Gas:	No	***No Wells:***	
Site Inspect:	No	***LPH Wells:***	
Soil Excavate:	No	***User Stamp:***	
Geo Probe:	No	***Date Stamp:***	
Survey:	No	***Off Site Source:***	No
Geosetting:			
GW Comments:			
NOV Comments:			
Location Description:			

Work Performed:

Release Info:

Correspondence:

Case Action

Action:	Excavation & Hauling	***Start Date:***	
Medium:		***End Date:***	
Quantity:		***Dep Action:***	No
Unit:		***Action Date:***	

Contact Info

Site Contact1:		***Site Contact2:***	
Contact1 Address1:		***Contact2 Address1:***	
Contact1 Address2:		***Contact2 Address2:***	
Contact1 Town No:	0	***Contact2 Town No:***	0
Contact1 Town:		***Contact2 Town:***	
Contact1 State:		***Contact2 State:***	
Contact1 Zip:		***Contact2 Zip:***	
Contact1 Phone:		***Contact2 Phone:***	
Contact1 Fax:		***Contact2 Fax:***	
Contact1 Type:		***Contact2 Type:***	
Contact1 Email:		***Contact2 Email:***	
DEP Contact1:		***DEP Contact2:***	

Site: ***Agway Hardware Store***
South Broad Street Stonington CT 06378

LUST

LUST Case ID:	29119	***Monthly RPT ID:***	0
LUST Status Code:	4	***UST E Facility ID:***	
LUST Status:	LUST COMPLETED	***Contact Info:***	
Incident Date:	6/18/1989	***Entry Date:***	
LUST ID:	991	***Emergency:***	No
UST Event ID:	990	***Private HF:***	No
UST Site ID:		***Commercial HF:***	No
CR Spill Case ID:		***Comm HF LE 2100:***	No
SITS Case ID:		***Comm HF GR 2100:***	No
OLD SITS Case ID:		***Comm HF Unknown:***	No
Case Log ID:		***Responsible Party:***	No
UST E Owner ID:		***RP Name 1:***	Agway Hardware Store

No Release:	No	***RP Name 2:***	
No LUST Site:	No	***RP Address1:***	South Broad Street
Motor Fuel:	Yes	***RP Address2:***	
Diesel:	No	***RP Town:***	Stonington
Gasoline:	No	***RP State:***	CT
Other:	Yes	***RP Town No:***	137
Other Release:	Waste Oil	***RP ZIP No:***	06378
Leak:	No	***RP Phone:***	
Tank:	Yes	***RP Phone 2:***	
Piping:	No	***RP Fax:***	
Overfill:	No	***RP Email:***	
Removal:	Yes	***LUST Owner ID:***	
CR Candidate:	No	***Investigator ID:***	23
OCSRD Complete:	No	***Referral Source:***	
Processing Status:		***Date Referred:***	
Enviro Impact:		***Location Data:***	
Effected Popula:		***Area Extent:***	
Population Setting:		***Event Description:***	
GW Direction:		***Dt Work Performed:***	
GW Gradient:		***ALT Water Supply:***	No
Follow up Flag:	No	***Annual Precip:***	
Follow Up Date:		***Relocation:***	No
Follow Up:			
Site Name 2:			
Running Comments:	Spills Files		

Case Release

Substance:	Used Oil	***Unit:***	
Quantity:		***Comments:***	Tank Release; Uncontrolled release from UST; UST removed; Type/Gal: STEEL/1000; Substance: WO; should be registered
Source:	UST removal		

Substance:	Used Oil	***Unit:***	
Quantity:	0	***Comments:***	
Source:	UST removal		

Tank Info

EPA Reportable:	No	***Potable Well Sample:***	No
Closure Date:		***Sample Mws:***	No
Closure Req Rpt:	No	***GW Gauging:***	No
Dep Closure Letter:	No	***Soil Venting:***	No
Active:	No	***NOV Action:***	None
Hydro Basin:		***NOV Issued:***	
Drastic:		***NOV Due:***	
GW Classification:	GB	***NOV Received:***	
Smpl Gauging Freq:		***NOV Closed:***	
GW Flow Direction:		***NOV Disc Date:***	
GW Depth:		***NOV Issued Date:***	
Areas of Concern:		***NOV Cmpliance Schd:***	
Free Product Inches:		***NOV Admin Order:***	
Fund Date:		***NOV Referred to Ag:***	
Fund Planned:	$0.00	***Stop All NOV Actions:***	No
Fund Obligated:	$0.00	***Release Invest Rpt:***	No
Fund Outlayed:	$0.00	***Dep App Letter1:***	No
Fund Judgment:	$0.00	***Correct Action Plan:***	No
Fund Recovered:	$0.00	***Dep App Letter2:***	No
Fund Comments:		***Rem Sys Install:***	No
Cellar Borings:	No	***Rem Sys Install Date:***	
Install Micro Wells:	No	***Rem Sys Monit Rpt:***	No
GW Sample:	No	***Qrtly GWtr Mon Rpt:***	No
Soil Sample:	No	***Referred to:***	
Soil Gas:	No	***No Wells:***	
Site Inspect:	No	***LPH Wells:***	
Soil Excavate:	No	***User Stamp:***	Allison Forrest/ForrestA
Geo Probe:	No	***Date Stamp:***	5/1/2012
Survey:	No	***Off Site Source:***	No

Geosetting:
GW Comments:
NOV Comments:
Location Description:

Work Performed:

Release Info:

Correspondence:

Case Action

Action:	Tank & Soil Removed	***Start Date:***	
Medium:	soils	***End Date:***	
Quantity:	0	***Dep Action:***	No
Unit:		***Action Date:***	5/11/1989
Action:	Tank & Soil Removed	***Start Date:***	
Medium:	soils	***End Date:***	
Quantity:		***Dep Action:***	No
Unit:		***Action Date:***	6/18/1989

Contact Info

Site Contact1:		***Site Contact2:***	
Contact1 Address1:		***Contact2 Address1:***	
Contact1 Address2:		***Contact2 Address2:***	
Contact1 Town No:	0	***Contact2 Town No:***	0
Contact1 Town:		***Contact2 Town:***	
Contact1 State:		***Contact2 State:***	
Contact1 Zip:		***Contact2 Zip:***	
Contact1 Phone:		***Contact2 Phone:***	
Contact1 Fax:		***Contact2 Fax:***	
Contact1 Type:		***Contact2 Type:***	
Contact1 Email:		***Contact2 Email:***	
DEP Contact1:		***DEP Contact2:***	

Site:
tre 184 & boom bridge rd NORTH STONINGTON CT

SPILLS

Case No:	9705974	***Responsibility:***	
Status:	Closed	***Sign 1:***	
Year:	10/17/1997	***Sign 2:***	
Received by:	206	***Sign 3:***	
Assigned to:	0	***Sign 4:***	
Date Reported:	10/16/1997	***Sign 5:***	
Time Reported:	1:01:00 AM	***Sign 6:***	
Date Release:	10/16/1997	***Sign 7:***	
Time Release:		***Quan Gallons:***	3
State Release:	CT	***Quan Yards:***	0
Reported by:	GROTON DISPATCH	***Quan Feet:***	0
Area 1:	860	***Quan Drums:***	0
Phone 1:	4481562	***Quan Lbs:***	0
Area 2:		***Quantity Record:***	0
Phone 2:		***Quantity Water:***	0
Area 3:		***Historic:***	No
Discharger:		***Ongoing:***	No
Discharger Phone:		***Water Body Affect:***	No
Rep Street:		***Water Body:***	
Rep Town:		***Terminated:***	YES
Rep State:	CT	***Cost Recovery:***	No
Rep Zip:		***Time Stamp:***	10/17/1997 8:52:03 AM
SR Inspector Name:	Kinney, Clarence	***User Stamp:***	
AT Inspector Name:	**NO RESPONSE	***SSMA Time Stamp:***	0000000000068BE4
Representing:	Self		
Release Substance:	ANTIFREEZE		
Emergency Measures:	SPEEDY DRY		

Comments:

Action

Action ID: 8
Action: Sanded
Year: 10/17/1997
Other:

Agency

Agency ID: 8
Agency: DEP Dispatch
Year: 10/17/1997
Other:
Dep Bureau:
Dep Division:

Agency ID: 14
Agency: LOCAL FIRE DEPARTMENT
Year: 10/17/1997
Other:
Dep Bureau:
Dep Division:

Cause

Cause ID: 23
Cause: MV Accident
Year: 10/17/1997
Other:

Media

Media ID: 4
Media: Ground Surface
Year: 10/17/1997
Other:

Release

Release ID: 2
Release Type: chemical
Year: 10/17/1997
Release Other:

Site:
RT 184 AND BOOM BRIDGE RD NORTH STONINGTON CT

SPILLS

Case No:	9901618	***Responsibility:***	
Status:	Closed	***Sign 1:***	~
Year:	3/14/1999	***Sign 2:***	
Received by:	207	***Sign 3:***	
Assigned to:	0	***Sign 4:***	
Date Reported:	3/14/1999	***Sign 5:***	
Time Reported:	3/14/1999 1:29:03 PM	***Sign 6:***	
Date Release:	3/14/1999	***Sign 7:***	
Time Release:	1:04:00 PM	***Quan Gallons:***	1
State Release:	CT	***Quan Yards:***	0
Reported by:	DISPATCHER 7	***Quan Feet:***	0
Area 1:	860	***Quan Drums:***	0
Phone 1:	4481562	***Quan Lbs:***	0
Area 2:		***Quantity Record:***	0
Phone 2:		***Quantity Water:***	0
Area 3:		***Historic:***	No
Discharger:		***Ongoing:***	No

Discharger Phone:
Rep Street:
Rep Town:
Rep State: CT
Rep Zip:
SR Inspector Name: CHEMACKI,TODD
AT Inspector Name: **NO RESPONSE
Representing: GROTON EMERGENCY DISPATCH
Release Substance: ANTIFREEZE
Emergency Measures:
Comments:

Water Body Affect: No
Water Body:
Terminated: YES
Cost Recovery: No
Time Stamp: 3/14/1999 1:32:49 PM
User Stamp:
SSMA Time Stamp: 000000000006BA3D

Action

Action ID: 3
Action: Contained
Year: 3/14/1999
Other:

Agency

Agency ID: 4
Agency: Local Police
Year: 3/14/1999
Other:
Dep Bureau:
Dep Division:

Agency ID: 14
Agency: LOCAL FIRE DEPARTMENT
Year: 3/14/1999
Other:
Dep Bureau:
Dep Division:

Agency ID: 8
Agency: DEP Dispatch
Year: 3/14/1999
Other:
Dep Bureau:
Dep Division:

Cause

Cause ID: 23
Cause: MV Accident
Year: 3/14/1999
Other:

Class

Class ID: 6
Class: Private
Year: 3/14/1999
Other:

Media

Media ID: 4
Media: Ground Surface
Year: 3/14/1999
Other:

Release

Release ID: 2

Release Type: chemical
Year: 3/14/1999
Release Other:

Site: ***NEW LONDON SUBMARINE BASE***
ROUTE 12 CRYSTAL LAKE RD NEW LONDON CT 06349

SUPERFUND ROD

EPA ID: CTD980906515
Site ID: 0100261
NPL Status: Final
Non NPL Status:
County: NEW LONDON
Region: 01
Data Source(s): U.S. EPA SUPERFUND PROGRAM - Source: SEMS Superfund Public User Database - FOIA-002 Records of Decision (RODS), ROD Amendments, and Explanation of Significant Differences (ESDs); Searchable Superfund Decision Documents database (https://www.epa.gov/superfund/search-superfund-documents), made available by the US Environmental Protection Agency (EPA). Retrieved on May 8, 2019.

Document Information

Doc ID: 620997
Date: 08/30/2017
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/620997
Title: EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) - OPERABLE UNIT (OU) 4(22 pp, 4.35 MB)

Doc ID: 522205
Date: 08/23/2012
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/522205
Title: RECORD OF DECISION (ROD) FOR OU4 LOWER SUBASE - ZONES 1 THROUGH 7, SITES 10, 11, 13, 17, 19, 21, 22, 24, AND 25(525 pp, 38.47 MB)

Doc ID: 454662
Date: 09/02/2010
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/454662
Title: RECORD OF DECISION (ROD) SITE 2B - AREA A WETLAND - AUGUST 2010(179 pp, 10.04 MB)

Doc ID: 296836
Date: 09/30/2008
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/296836
Title: RECORD OF DECISION (ROD) FOR OPERABLE UNIT 9, BASEWIDE GROUNDWATER(769 pp, 36.91 MB)

Doc ID: 263757
Date: 06/05/2007
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/263757
Title: EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR THE RECORD OF DECISION (ROD) FOR SOIL AND SEDIMENT, AREA A DOWNSTREAM WATERCOURSES/OVERBANK DISPOSAL AREA(11 pp, 998.72 KB)

Doc ID: 259689
Date: 12/20/2006
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/259689
Title: RECORD OF DECISION (ROD)(188 pp, 19.15 MB)

Doc ID: 215324
Date: 12/30/2004
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/215324

Title: INTERIM RECORD OF DECISION (ROD) FOR SITES 3,7,14,15,18, AND 20 GROUNDWATER(265 pp, 14.35 MB)

Doc ID: 215323
Date: 11/04/2004
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/215323
Title: RECORD OF DECISION FOR SITE 3 - NEW SOURCE AREA SOIL (OU 3)(163 pp, 7.49 MB)

Doc ID: 65336
Date: 09/30/2004
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/65336
Title: RECORD OF DECISION (ROD) FOR SITES 7-TORPEDO SHOPS AND SITE 14-OVERBANK DISPOAL AREA NORTHEAST SOIL, OPERABLE UNIT (OU) 8(166 pp, 7.9 MB)

Doc ID: 65335
Date: 09/30/2004
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/65335
Title: RECORD OF DECISION FOR SITES 16 & 18 SOIL, OU 11, SIGNED BY SUSAN STUDLIEN, EPA REGION 1(159 pp, 7.14 MB)

Doc ID: 9706
Date: 06/29/2000
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/9706
Title: RECORD OF DECISION (ROD) FOR OPERABLE UNIT 7 - AREA A WEAPONS CENTER (SITE 20)(78 pp, 4.22 MB)

Doc ID: 51620
Date: 09/30/1999
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/51620
Title: RECORD OF DECISION (ROD) FOR OPERABLE UNIT 05 SITE 8 GOSS COVE LANDFILL SOIL AND SEDIMENT(61 pp, 3.68 MB)

Doc ID: 51615
Date: 06/26/1998
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/51615
Title: RECORD OF DECISION (ROD) FOR OPERABLE UNIT 10 SITE 4 RUBBLE FILL AREA AT BUNKER A-86(15 pp, 761.27 KB)

Doc ID: 51602
Date: 03/31/1998
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/51602
Title: INTERIM RECORD OF DECISION (ROD) FOR OPERABLE UNIT (OU) 02 DEFENSE REUTILIZATION AND MARKETING OFFICE(103 pp, 4.82 MB)

Doc ID: 51607
Date: 03/31/1998
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/51607
Title: RECORD OF DECISION (ROD) FOR OPERABLE UNIT 03 SOIL AND SEDIMENT AREA A DOWNSTREAM WATER COURSES/OVERBANK DISPOSAL AREA(112 pp, 5.31 MB)

Doc ID: 51600
Date: 09/18/1997
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/51600

Title: RECORD OF DECISION (ROD) FOR OPERABLE UNIT 06 SPENT ACID STORAGE AND DISPOSAL AREA(19 pp, 847.3 KB)

Doc ID: 51577
Date: 09/26/1995
Pub No:
Description:
PDF Link: https://semspub.epa.gov/src/document/01/51577
Title: RECORD OF DECISION (ROD) FOR OPERABLE UNIT 01 AREA A LANDFILL(61 pp, 3.31 MB)

Action Information

Seq ID: 2
Action Name: FF ESD
Operable Unit Name: LOWER SUBBASE
Actual Comp Date: 08/30/2017

Seq ID: 4
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: LOWER SUBBASE
Actual Comp Date: 08/23/2012

Seq ID: 15
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: AREA A WETLAND
Actual Comp Date: 09/02/2010

Seq ID: 16
Action Name: GOVT Decision Document (ROD)
Operable Unit Name: BASEWIDE GROUNDWATER
Actual Comp Date: 09/30/2008

Seq ID: 1
Action Name: GOVT ESD
Operable Unit Name: AREA A DOWNSTREAM
Actual Comp Date: 06/05/2007

Seq ID: 12
Action Name: GOVT Decision Document (ROD)
Operable Unit Name: DRMO
Actual Comp Date: 12/20/2006

Seq ID: 9
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: BASEWIDE GROUNDWATER
Actual Comp Date: 12/30/2004

Seq ID: 13
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: AREA A DOWNSTREAM
Actual Comp Date: 11/09/2004

Seq ID: 8
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: TORPEDO SHOPS
Actual Comp Date: 09/30/2004

Seq ID: 14
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: SITES 16 AND 18
Actual Comp Date: 09/30/2004

Seq ID: 7
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: AREA A WEAPONS CENTER
Actual Comp Date: 06/29/2000

Seq ID: 5
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: GOSS COVE

Actual Comp Date: 09/30/1999

Seq ID: 11
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: RUBBLE FILL AT BUNKER A86
Actual Comp Date: 06/26/1998

Seq ID: 3
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: AREA A DOWNSTREAM
Actual Comp Date: 03/31/1998

Seq ID: 2
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: DRMO
Actual Comp Date: 03/31/1998

Seq ID: 6
Action Name: GOVT Decision Document (ROD)
Operable Unit Name: SPENT ACID STORAGE & DISPOSAL
Actual Comp Date: 09/18/1997

Seq ID: 1
Action Name: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Name: AREA A LANDFILL
Actual Comp Date: 09/26/1995

Site:
BATES WOODS PARK NEW LONDON CT SWF/LF

APP ID:
APP: 20
Status Desc: Inactive
Site Addr Line 2:
Site ZIP 4+:
Fac Cntct Phone No:
Annual Fee:
FID:
Capacity Tons/Day:
Affiliation Type:
Assigned Staff:
Program/Site:
Program Comment:
Owner: M
Waste Type: MSW
Waste Type Desc: MUNICIPAL SOLID WASTE
Permit No: 094-1C
Permit Issue Date: 11-28-77
Expiration Date:
Permit EI Type:
Site Address Desc:
Comments: (NOW A BALLFIELD)
Closed Date: 1991
Source: Closed Landfill Sites (Excluding Illegal Landfills)
Affiliate Add1:
Description:
Permit Description:

Affiliate Addr 2:
Affiliate City:
Affiliate State:
Affiliate ZIP:
Affiliate ZIP 4+:
Contact Name:
Contact Title:
Contact Email:
Site Latitude:
Site Longitude:

Site: ***Habitat for Humanity***
North End of Fitch Avenue New London CT VCP

Rem ID: 9485
Remed Loc ID: 8380
Date Entered: 7/16/2009
Program: Vol_Rem_X
Form: X
Stat Code: L
GAO Site: No

Salutation: Mr. O'Rourke
Rltnship to Trnsfr: parcel owner
CP City: New London
CP State: CT
CP ZIP: 06320
1st Pymt: $3,000.00
2nd Pymt:

Staff Full Name:	Michael Senyk	***Pay Tag 1:***	10169
Super Date:	7/29/2009	***Pay Tag 2:***	
Type of Transfer:	voluntary	***Revised:***	
Transferor Seller:	n/a	***ECAF Rec D:***	
Transferee Buyer:	n/a	***ECAF Review:***	7/29/2009
GW:	GB	***Determ Date:***	7/29/2009
Basin:		***Date Recv:***	6/30/2009
RCV Tag:		***Ackn Date:***	7/29/2009
RTN:		***Ackn Tag:***	
RTN CTFD:		***Lead:***	LEP

Certifying Party:	Habitat fo Humanity of SE CT
Title of CP:	Executive Director
CP Attntion Prsn:	Theresa O'Rourke
CP Street Address:	377 Broad Street
Stat Desc:	LEP post 10/1/95 filing

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Apr 11, 2019

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Apr 11, 2019

Deleted NPL: DELETED NPL

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Government Publication Date: Apr 11, 2019

SEMS List 8R Active Site Inventory: SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Apr 11, 2019

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Apr 11, 2019

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Mar 4, 2019

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Mar 4, 2019

RCRA Generator List: RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Mar 4, 2019

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Mar 4, 2019

RCRA Conditionally Exempt Small Quantity Generators List: RCRA CESQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Mar 4, 2019

RCRA Non-Generators: RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Mar 4, 2019

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Sep 20, 2018

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Sep 20, 2018

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Mar 21, 2019

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 11, 2019

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 17, 2018

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jan 18, 2019

LIEN on Property: SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Apr 11, 2019

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Apr 11, 2019

State

Inventory of Hazardous Waste Disposal Sites: SHWS

State Hazardous Waste Sites list made available by the Department of Energy and Environmental Protection (DEEP). These are sites which may pose a threat to the environment or public health and are listed on the Inventory of Hazardous Waste Disposal Sites, pursuant to section 22a-133c of the Connecticut General Statutes (CGS). This database is state equivalent CERCLIS.

Government Publication Date: Mar 5, 2019

Delisted Hazardous Waste Sites List: DELISTED SHWS

List of sites removed from the State Hazardous Waste Sites list made available by the Department of Energy and Environmental Protection (DEEP).

Government Publication Date: Mar 5, 2019

Active and Inactive Landfills: SWF/LF

List of Active and Closed Landfills, this list made available by The Connecticut Department of Energy and Environmental Protection.

Government Publication Date: Apr 26, 2019

Leaking Underground Storage Tanks: LUST

The Connecticut Department of Energy and Environmental Protection (DEEP) Leaking Underground Storage Tank Database. This database is a list of leaking underground storage tanks reported to the DEEP. It includes information gathered by DEEP personnel during the initial report of the release and site visit. It does not track the status of a site over the long term.

Government Publication Date: Apr 4, 2019

Delisted Leaking Storage Tanks: DELISTED LST

This database contains a list of leaking storage tank sites that were removed from the Connecticut Department of Energy and Environmental Protection (DEEP) Leaking Underground Storage Tank Database.

Government Publication Date: Apr 4, 2019

Underground Storage Tank Facilities: UST

List of Underground Storage Tanks registered with the Department of Energy and Environmental Protection.

Government Publication Date: Oct 11, 2018

Delisted Storage Tanks: DELISTED TANKS

This database contains a list of storage tanks that were removed from the database provided by Connecticut Department of Energy and Environmental Protection (DEEP).

Government Publication Date: Oct 11, 2018

Environmental Land Use Restriction (ELUR): AUL

An Environmental Land Use Restriction (ELUR) is an easement granted to the Commissioner of the Department of Energy and Environmental Protection (DEEP) by the property owner that is recorded on the municipal land records. The purpose of an ELUR is to minimize the risk of human exposure to pollutants and hazards to the environment by preventing specific uses or activities at a property or a portion of a property. An ELUR is a tool which permits the remedial goals for a property to be dependent on the exposure risk associated with its use.

Government Publication Date: Jan 25, 2019

Marine Terminals: AST

List of facilities licensed under the Department of Energy & Environmental Protection (DEEP) Marine Terminals licensing program. Sections 22a-449(b) and (c) of the Connecticut General Statutes (CGS) require that all owners or operators of terminals which receive petroleum or hazardous chemical liquid products from waterborne vessels or dispense such products to vessels apply for a license.

Government Publication Date: Jun 30, 2018

Voluntary Remediation Sites: VCP

Sites involved in the Department of Energy and Environmental Protection (DEEP) Voluntary Remediation Program. There are two voluntary remediation programs in Connecticut under Connecticut General Statutes (CGS) sections 22a-133x and 22a-133y. Both programs are an elective process for property owners who wish to expedite the remediation of polluted property, thus enabling them the advantage of a remediated site should they ever decide to sell the property.

Government Publication Date: Jan 25, 2019

DEEP Brownfields Inventory: BROWNFIELDS

Inventory of brownfields sites maintained by the Department of Energy and Environmental Protection (DEEP). A brownfield is defined by Connecticut General Statutes §32-9kk(a)(1) as "any abandoned or underutilized site where redevelopment, reuse or expansion has not occurred due to the presence or potential presence of pollution in the buildings, soil or groundwater that requires investigation or remediation before or in conjunction with the restoration, redevelopment, reuse and expansion of the property."

Government Publication Date: Aug 03, 2017

CBRA Brownfields: CBRA BRWN

The Connecticut Brownfields Redevelopment Authority (CBRA) is a wholly owned subsidiary of the Connecticut Development Authority and provides Direct and Indirect Financial Assistance for Brownfields Remediation in the form of Direct Loans, Loan Guarantees made in concert with qualifying financial Institutions, Tax Increment Financing (TIF) for brownfields redevelopment and information technology projects, Issue Bonds.

Government Publication Date: Mar 2013

DECD Brownfields portfolio: BROWNFIELDS

This is a list of financial assistance agreements for brownfield projects from January 2005 made available by the Department of Economic and Community Development of Connecticut.

Government Publication Date: Apr 18, 2019

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands: ILST

Leaking USTs on Tribal/Indian Lands in Region 1, which includes Connecticut, Massachusetts, Maine, New Hampshire, Rhode Island, and Vermont.

Government Publication Date: Oct 14, 2017

Underground Storage Tanks (USTs) on Indian Lands: IUST

USTs on Tribal/Indian Lands in Region 1, which includes Connecticut, Massachusetts, Maine, New Hampshire, Rhode Island, and Vermont.

Government Publication Date: Oct 14, 2017

Voluntary Cleanup Priority Listing on Indian Lands: INDIAN VCP

Voluntary Cleanups of Priority Sites located on Indian Land in Region 1, which includes Connecticut.

Government Publication Date: Mar 8, 2011

Delisted Tribal Leaking Storage Tanks: DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

Delisted Tribal Underground Storage Tanks: DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Oct 14, 2017

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Apr 23, 2019

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Dec 31, 2017

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Jan 8, 2019

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Jul 18, 2018

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2017

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Dec 20, 2018

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 29, 2018

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 29, 2018

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Oct 23, 2018

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Nov 1, 2018

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 30, 2018

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Apr 8, 2019

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Sep 1, 2018

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Mar 20, 2019

State

Environmental Property Liens Recorded: LIENS

The Department of Energy and Environmental Protection (DEEP) Bureau of Financial & Support Services maintains the Environmental Property Liens Recorded Database. The Connecticut General Statutes (CGS) allow the State of Connecticut to claim a lien for any amount paid by the Commissioner of the DEEP to contain and remove or mitigate the effects of a spill on real property.

Government Publication Date: Jan 11, 2019

Property Transfer Sites: CT PROPERTY

The Property Transfer Program, administered by the Remediation Division of the Bureau of Water Protection and Land Reuse, requires the disclosure of environmental conditions when certain real properties and/or businesses ("establishments") are transferred.

Government Publication Date: Jan 25, 2019

Dry Cleaning Establishment Remediation Fund: DRYC REM

List of sites in the Dry Cleaning Establishment Remediation Fund Portfolio made available by the Office of Brownfield Remediation and Development. This program provides grants to eligible dry cleaning business owners/operators or property owners for the clean-up, containment, or mitigation of pollution resulting from releases of tetrachloroethylene, Stoddard solvent, or other chemicals used for dry cleaning. The grants may also be used for measures undertaken to prevent such pollution and for providing potable drinking water when necessary.

Government Publication Date: Jan 29, 2019

Spill Incident Tracking System (SITS): SPILLS

List of incident sites recorded in the Spill Incident Tracking System (SITS), maintained by the Connecticut Department of Energy and Environmental Protection (DEEP) Emergency Response Unit. Chapter 446k Section 22a-450 of the Connecticut General Statues requires that all incidents of discharge, spillage, uncontrolled loss, seepage or filtration of oil or petroleum or chemical liquids or solid, liquid or gaseous products or hazardous wastes be reported to the DEEP. Note, this database does not include incidents prior to 1996.

Government Publication Date: Apr 4, 2019

Hazardous Waste Manifest Data: CT MANIFEST

All shipments of hazardous waste within, into, or from Connecticut require the use of a federal hazardous waste manifest form. The manifest form contains information about: the facility where the waste was generated; the waste generated and its transportation; and the treatment, storage, and disposal facility (TSDF) accepting the shipment. This is a list of waste manifests and associated waste generating facilities; the data is gathered and maintained by the Connecticut Department of Energy and Environmental Protection (DEEP) Hazardous Waste Management program.
Note: As of September 29, 2015, generators are no longer required to submit a photocopy of their completed manifest to DEEP.
Government Publication Date: Dec 1, 2014

Hazardous Waste Manifest Data - Treatment, Storage, and Disposal Facilities: CT MAN TSDF

All shipments of hazardous waste within, into, or from Connecticut require the use of a federal hazardous waste manifest form. The manifest form contains information about: the facility where the waste was generated; the waste generated and its transportation; and the treatment, storage, and disposal facility (TSDF) accepting the shipment. This is a list of TSDF locations in the state of Connecticut who have been recorded within the manifest data (CT MANIFEST) as a receiver of waste.
Government Publication Date: Dec 1, 2014

Hazardous Waste Handlers: CT HAZ HANDLERS

As a part of Hazardous Waste Manifest database, the Connecticut Department of Energy and Environmental Protection (DEEP) Hazardous Waste Management program keeps a listing of Hazardous Waste Handlers and their status as a generator, transporter, or treatment, storage, and disposal facility (TSDF). This is a list of generator and TSDF facilities which do not have associated records in the Hazardous Waste Manifest Data.
Government Publication Date: Dec 1, 2014

Hazard Notifications: HZ NOTIFICATION

Property owners are required to submit information on certain types of environmental conditions to the Department of Energy & Environmental Protection (DEEP) when such conditions are encountered during an environmental site investigation or remediation of a parcel. DEEP refers to the reporting of these conditions as "reporting of significant environmental hazards" or "hazard notifications".
Government Publication Date: Jan 25, 2019

Site Discovery and Assessment Database: SDAD

The Site Discovery and Assessment Database list sites in question where hazardous waste may have been disposed. These sites were reported to the Enforcement and Remediation Division of the Department of Energy & Environmental Protection (DEEP). This is a historical listing, and is no longer updated by the DEEP.
Government Publication Date: Sep 11, 2009

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

ENVIRONMENTAL RISK INFORMATION SERVICES

FIRE INSURANCE MAPS

Project Property:	233 Boombridge Road, North stonington CT 233 Boombridge Road Westerly CT 02891
Requested By:	1305-50-01
Order No:	20190610093
Date Completed:	June 12, 2019

Please note that no information was found for your site or adjacent properties.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property:	*North Stonington - Farmland* *276 Boom Bridge Road* *North Stonington, CT 06359*
Project No:	*1305-50-01*
Requested By:	*O'Reilly, Talbot & Okun Associates, Inc.*
Order No:	*20190531137*
Date Completed:	*June 4, 2019*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

June 4, 2019
RE: CITY DIRECTORY RESEARCH
North Stonington - Farmland
276 Boom Bridge Road North Stonington, CT

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:

200-300 of Boom Bridge Road
1-100 of Anthony Road

Search Results Summary

Date	Source	Comment
2018	DIGITAL BUSINESS DIRECTORY	
2014	DIGITAL BUSINESS DIRECTORY	
2010	DIGITAL BUSINESS DIRECTORY	
2006	DIGITAL BUSINESS DIRECTORY	
2002	DIGITAL BUSINESS DIRECTORY	
1998	DIGITAL BUSINESS DIRECTORY	

2018
SOURCE: DIGITAL BUSINESS DIRECTORY

ANTHONY ROAD

NO LISTING FOUND FOR THIS YEAR...

2018
SOURCE: DIGITAL BUSINESS DIRECTORY

BOOM BRIDGE ROAD

204 **RED ROCK KENNELS**...*Pet Boarding Sittin*
273 **BERIAH LEWIS FARM**...*Dairy Productsreta*
273 **BERIAH LEWIS FARM**...*Dairy Farms*

2014
SOURCE: DIGITAL BUSINESS DIRECTORY

ANTHONY ROAD

NO LISTING FOUND FOR THIS YEAR...

2014
SOURCE: DIGITAL BUSINESS DIRECTORY

BOOM BRIDGE ROAD

204 **RED ROCK KENNELS**...*Support Activities*
273 **BERIAH LEWIS FARM**...*Dairy Cattle & Mil*

2010
SOURCE: DIGITAL BUSINESS DIRECTORY

ANTHONY ROAD

NO LISTING FOUND FOR THIS YEAR...

2010
SOURCE: DIGITAL BUSINESS DIRECTORY

BOOM BRIDGE ROAD

NO LISTING FOUND FOR THIS YEAR...

2006
SOURCE: DIGITAL BUSINESS DIRECTORY

ANTHONY ROAD

NO LISTING FOUND FOR THIS YEAR...

2006
SOURCE: DIGITAL BUSINESS DIRECTORY

BOOM BRIDGE ROAD

NO LISTING FOUND FOR THIS YEAR...

2002
SOURCE: DIGITAL BUSINESS DIRECTORY

ANTHONY ROAD

NO LISTING FOUND FOR THIS YEAR...

2002
SOURCE: DIGITAL BUSINESS DIRECTORY

BOOM BRIDGE ROAD

204 **RED ROCK KENNELS**...

1998
SOURCE: DIGITAL BUSINESS DIRECTORY

ANTHONY ROAD

NO LISTING FOUND FOR THIS YEAR...

1998
SOURCE: DIGITAL BUSINESS DIRECTORY

BOOM BRIDGE ROAD

NO LISTING FOUND FOR THIS YEAR...

--- END REPORT ---

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		20190610093p
Date Completed:		June 12, 2019
Project Number:		1305-50-01
Project Property:		233 Boombridge Road, North stonington CT 233 Boombridge Road Westerly CT 02891
Coordinates:		
	Latitude:	41.430131
	Longitude:	-71.808787
	UTM Northing:	4590315.60076 Meters
	UTM Easting:	265307.179195 Meters
	UTM Zone:	UTM Zone 19T
	Elevation:	183.02 ft
	Slope Direction:	WNW

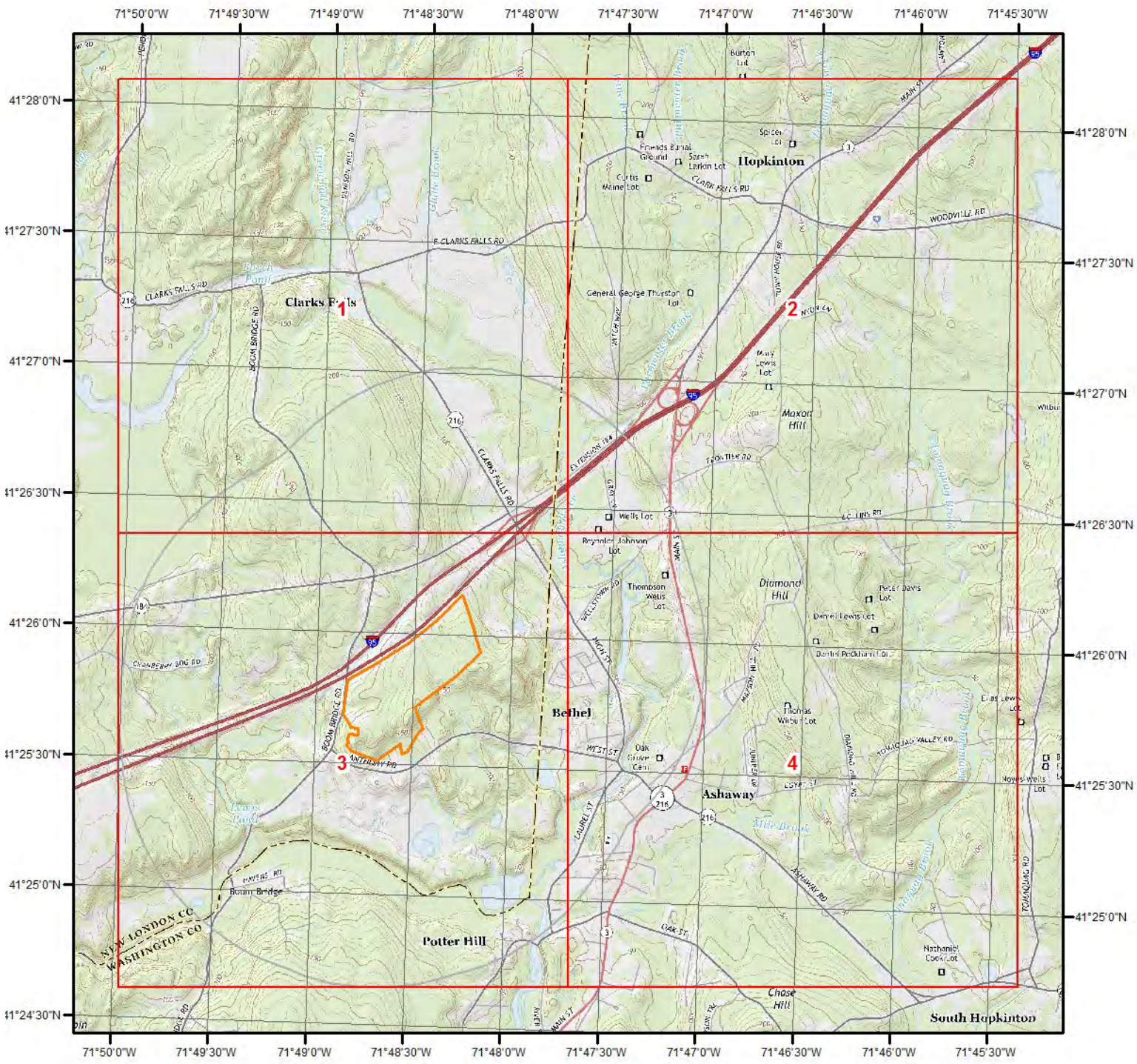
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



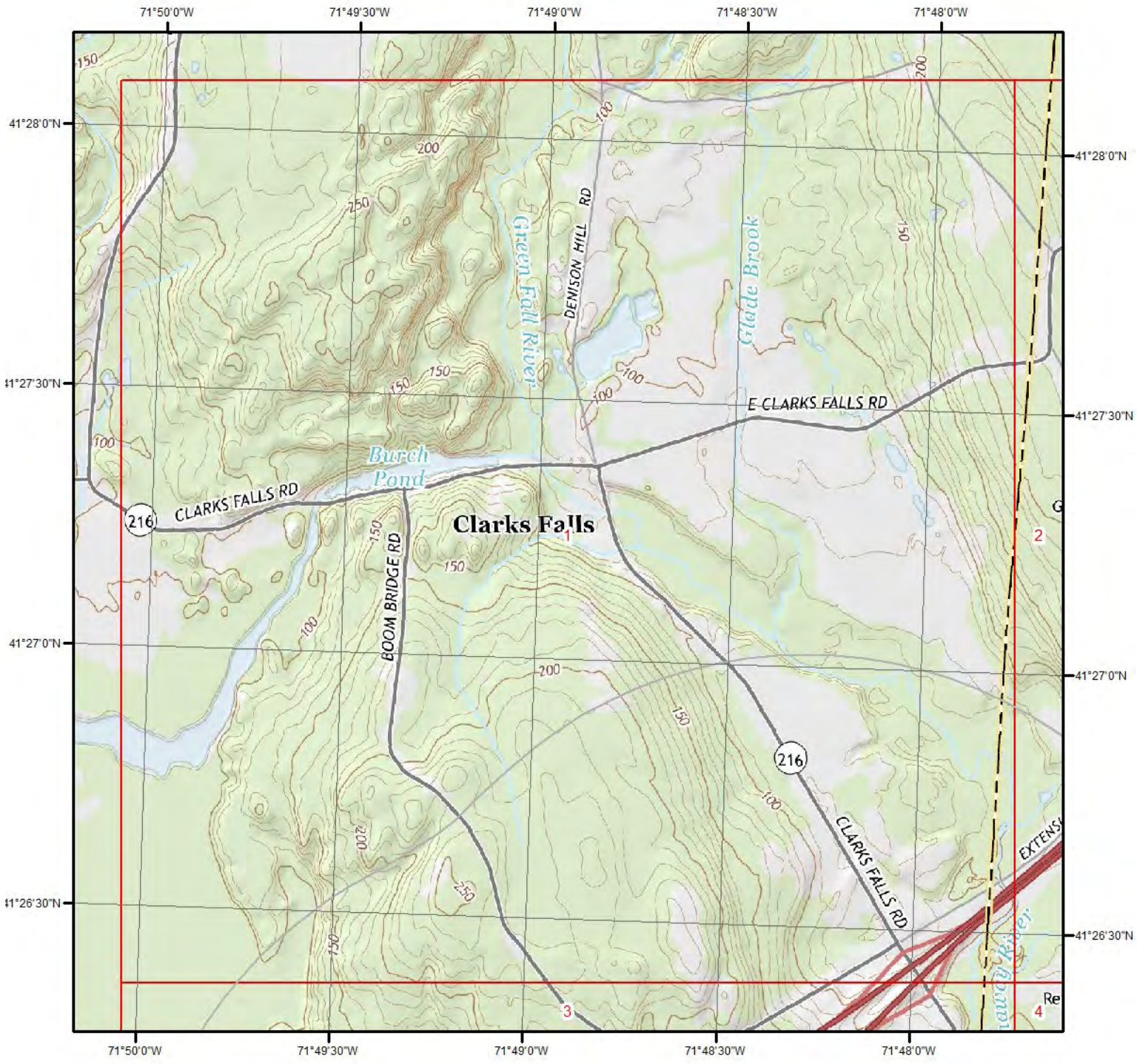
Current USGS Topo

Quadrangle(s): Jewett City,CT; Mystic,CT; Old Mystic,CT; Voluntown,CT; Ashaway,RI; Carolina,RI; Hope Valley,RI; Quonochontaug,RI; Watch

Source: USGS 7.5 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Topographic Information



Current USGS Topo - Page 1

0 0.2 0.4 0.8 Miles

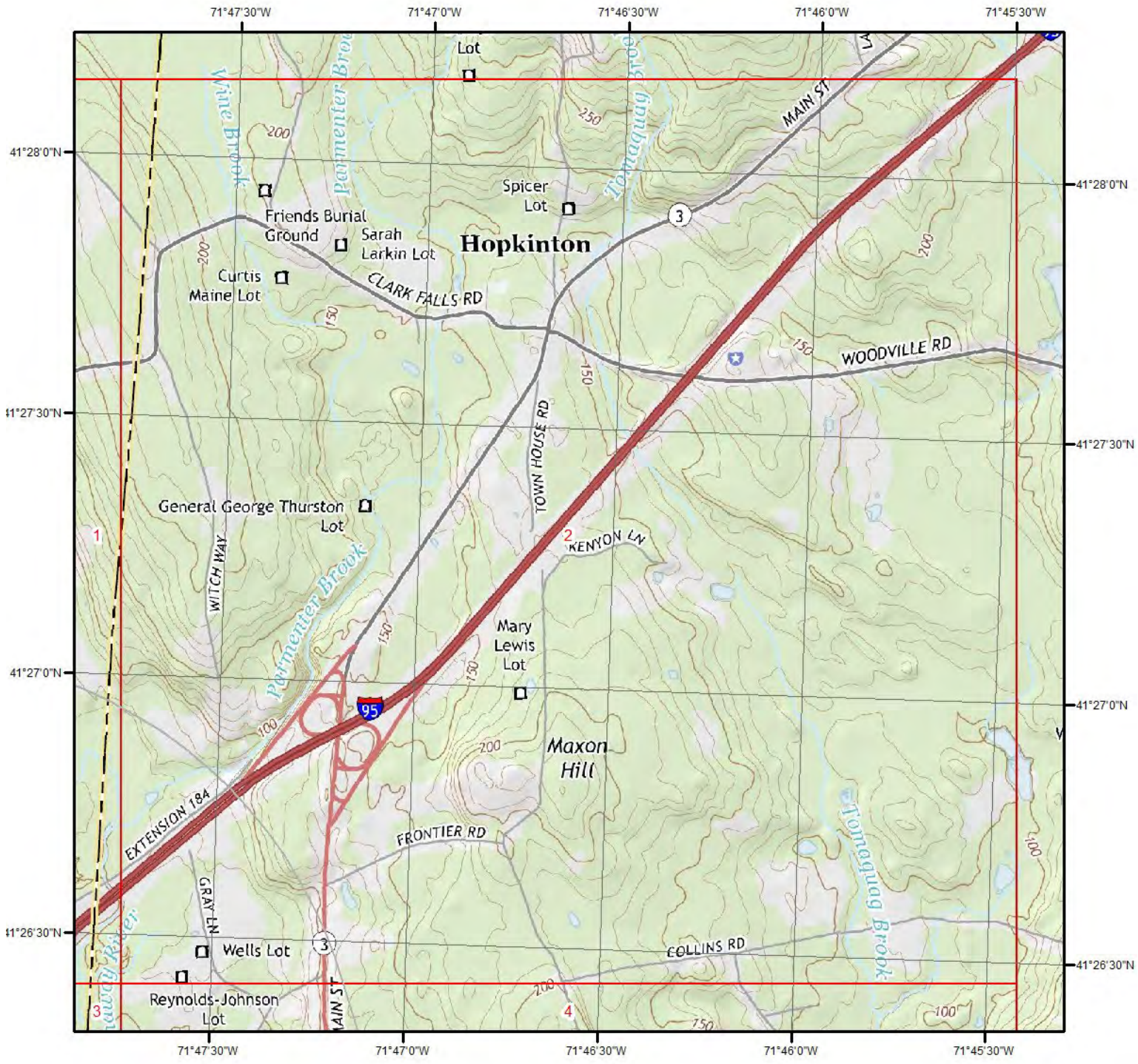
N

Quadrangle(s): Ashaway,RI

Source: USGS 7.5 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Topographic Information



Current USGS Topo - Page 2

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Ashaway,RI

Source: USGS 7.5 Minute Topographic Map

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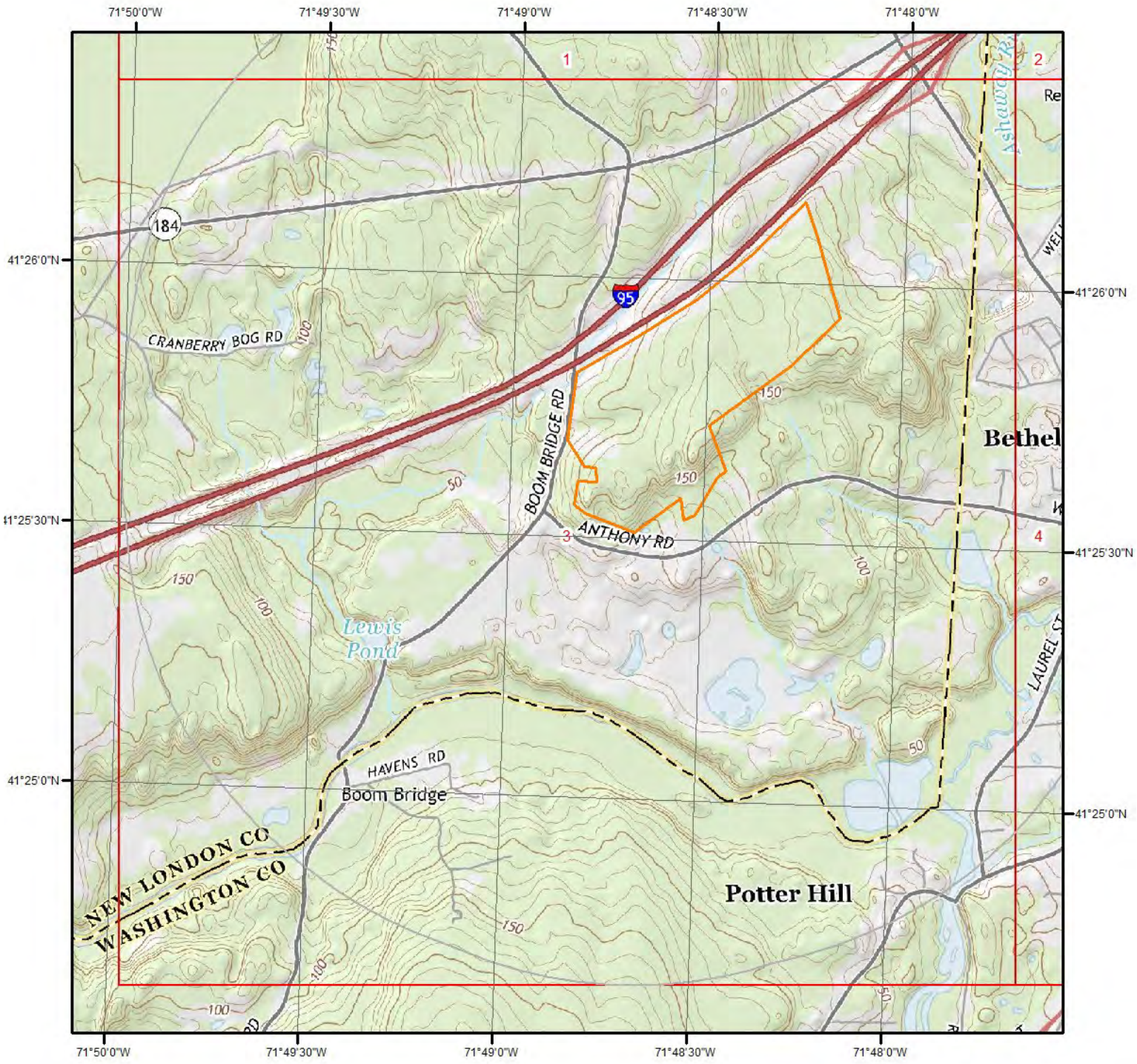
ENVIRONMENTAL RISK INFORMATION SERVICES

Topographic Information



Current USGS Topo - Page 3

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Ashaway,RI

Source: USGS 7.5 Minute Topographic Map

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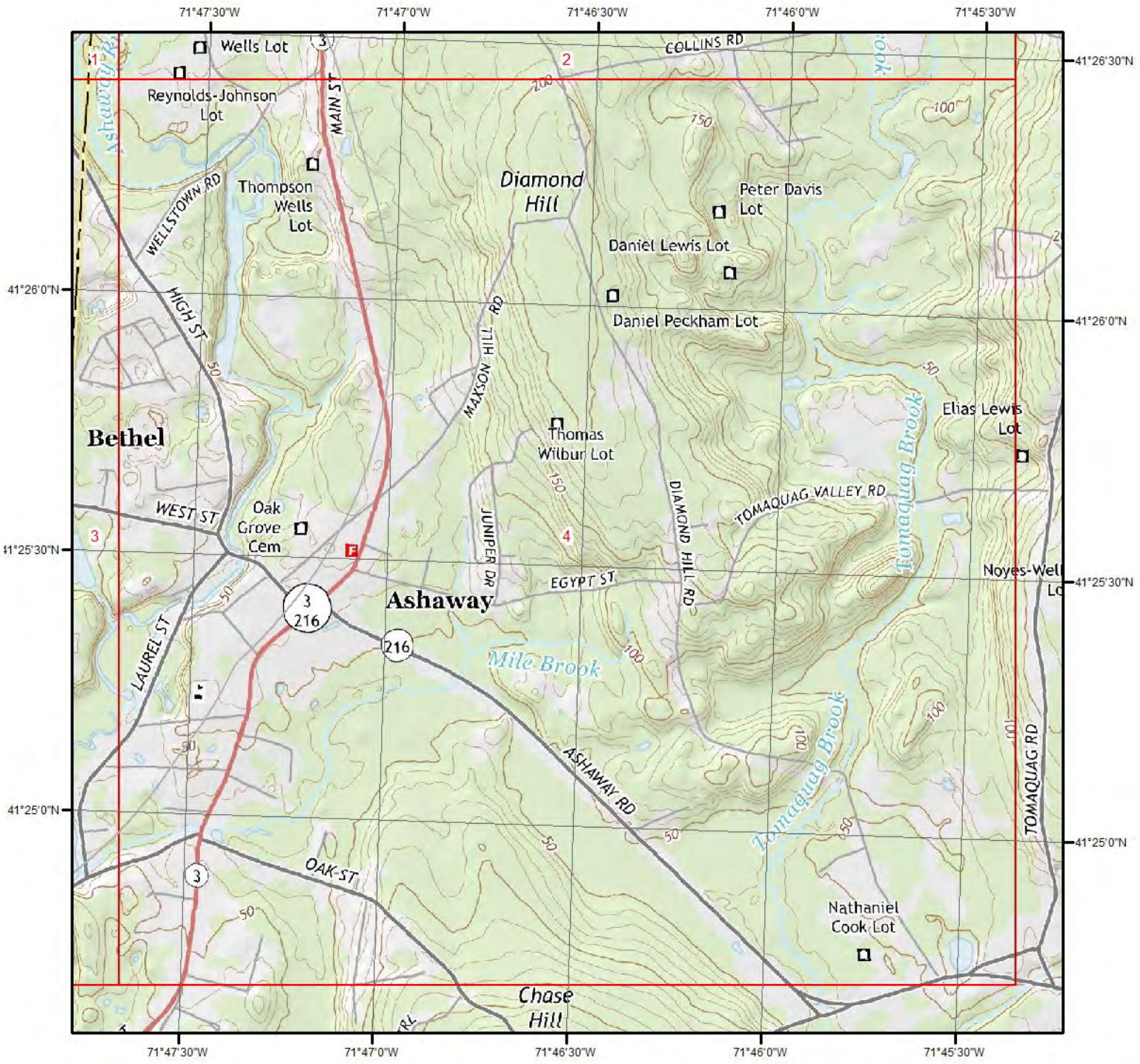
ENVIRONMENTAL RISK INFORMATION SERVICES

Topographic Information



Current USGS Topo - Page 4

Quadrangle(s): Ashaway,RI

Source: USGS 7.5 Minute Topographic Map

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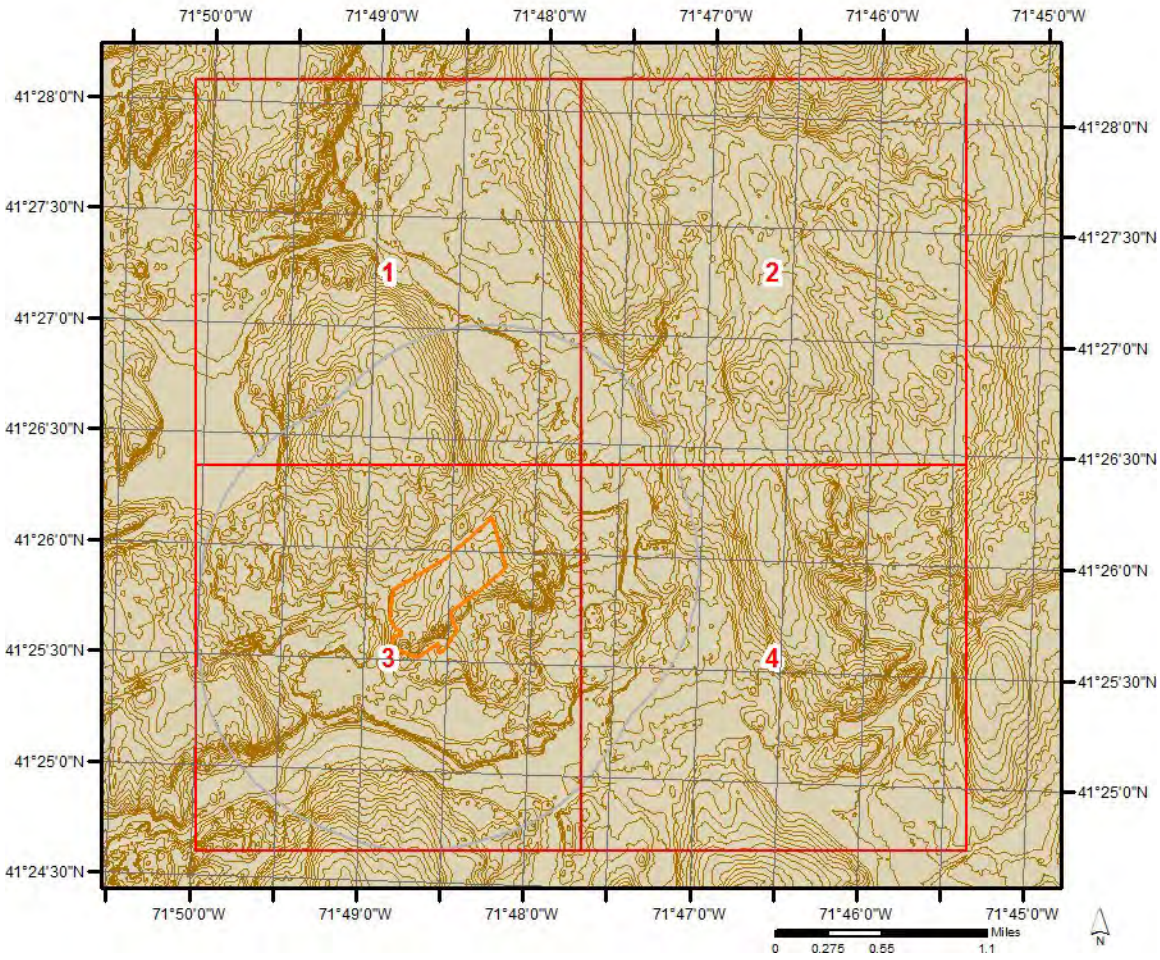
Topographic Information

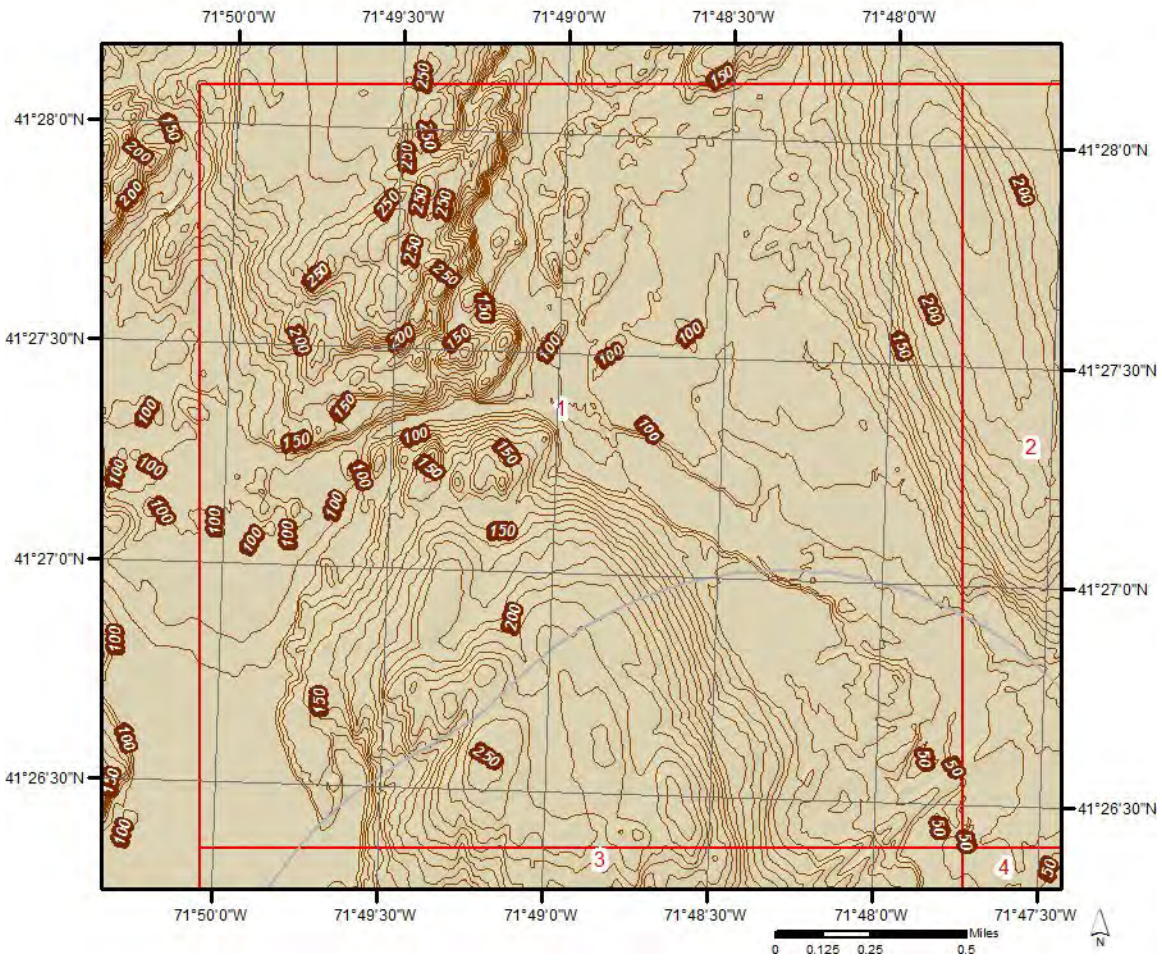
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

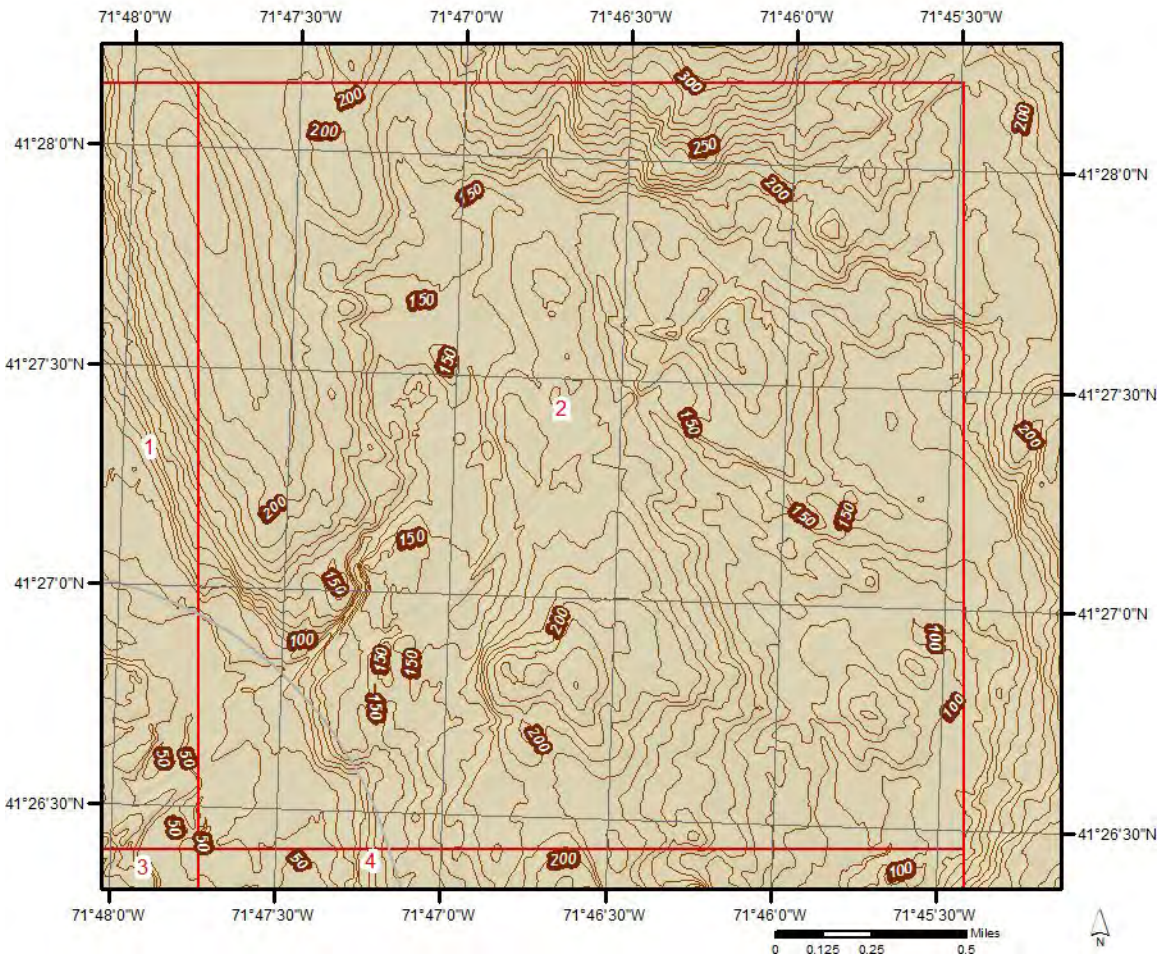
Elevation:	183.02 ft
Slope Direction:	WNW



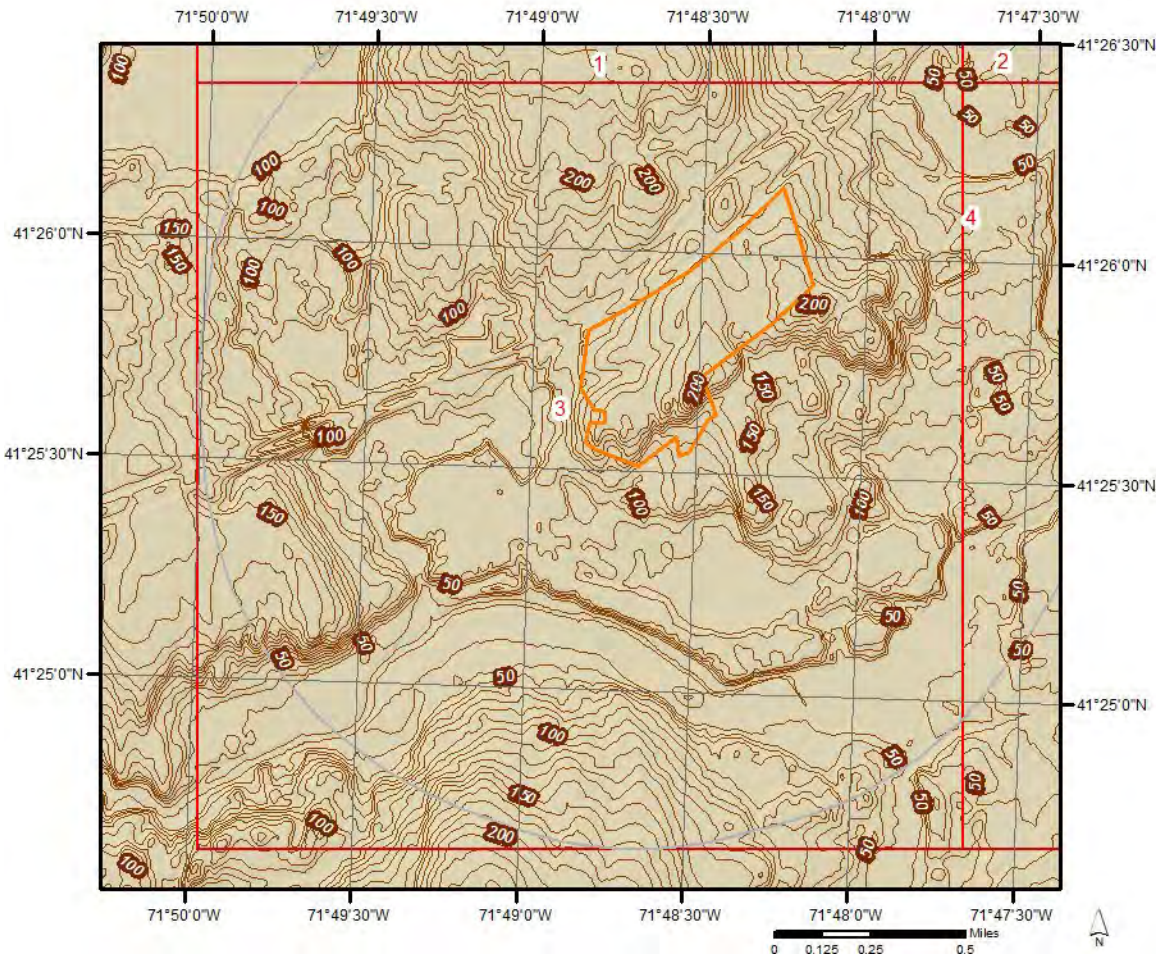
Topographic Information



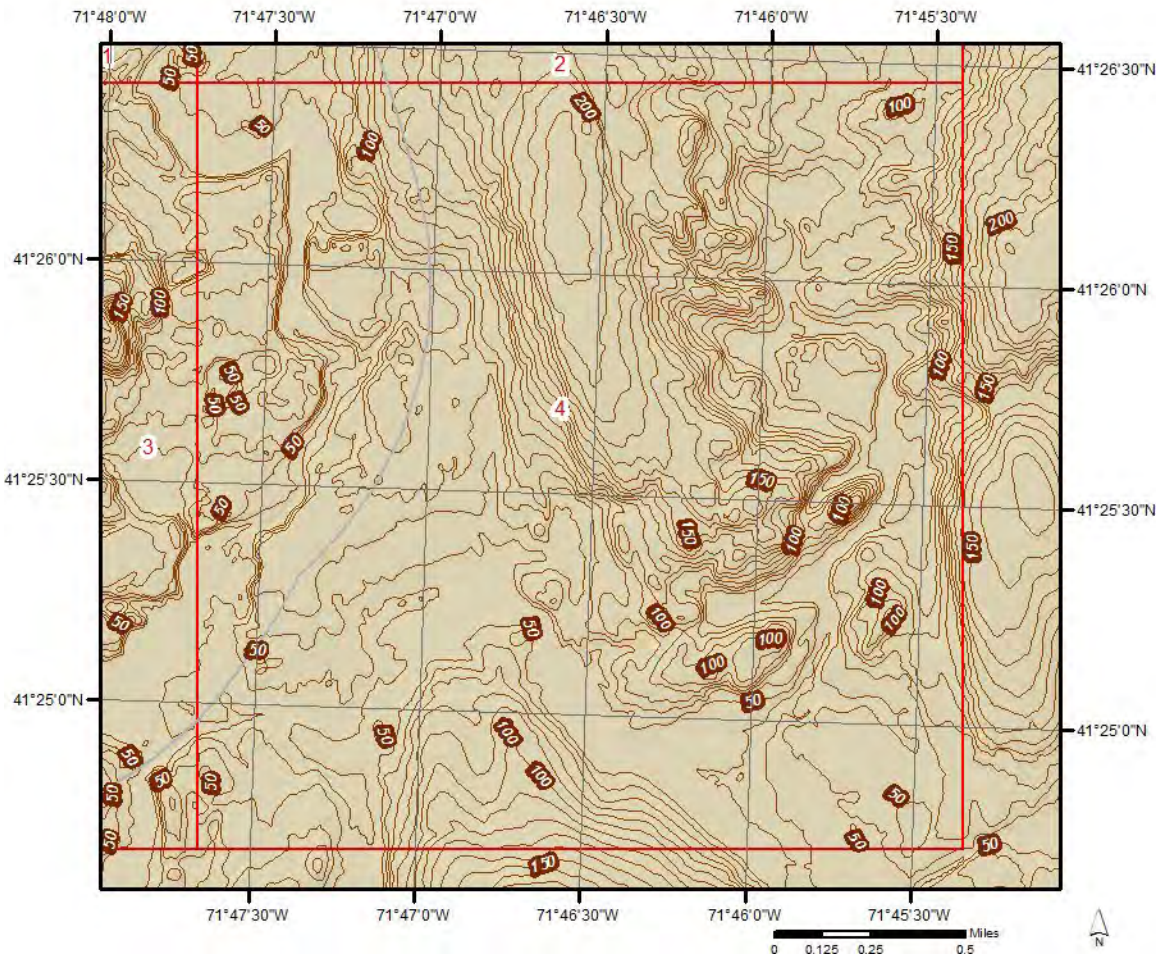
Topographic Information



Topographic Information



Topographic Information



Hydrologic Information

Wetland

0 0.125 0.25 0.5 Miles

N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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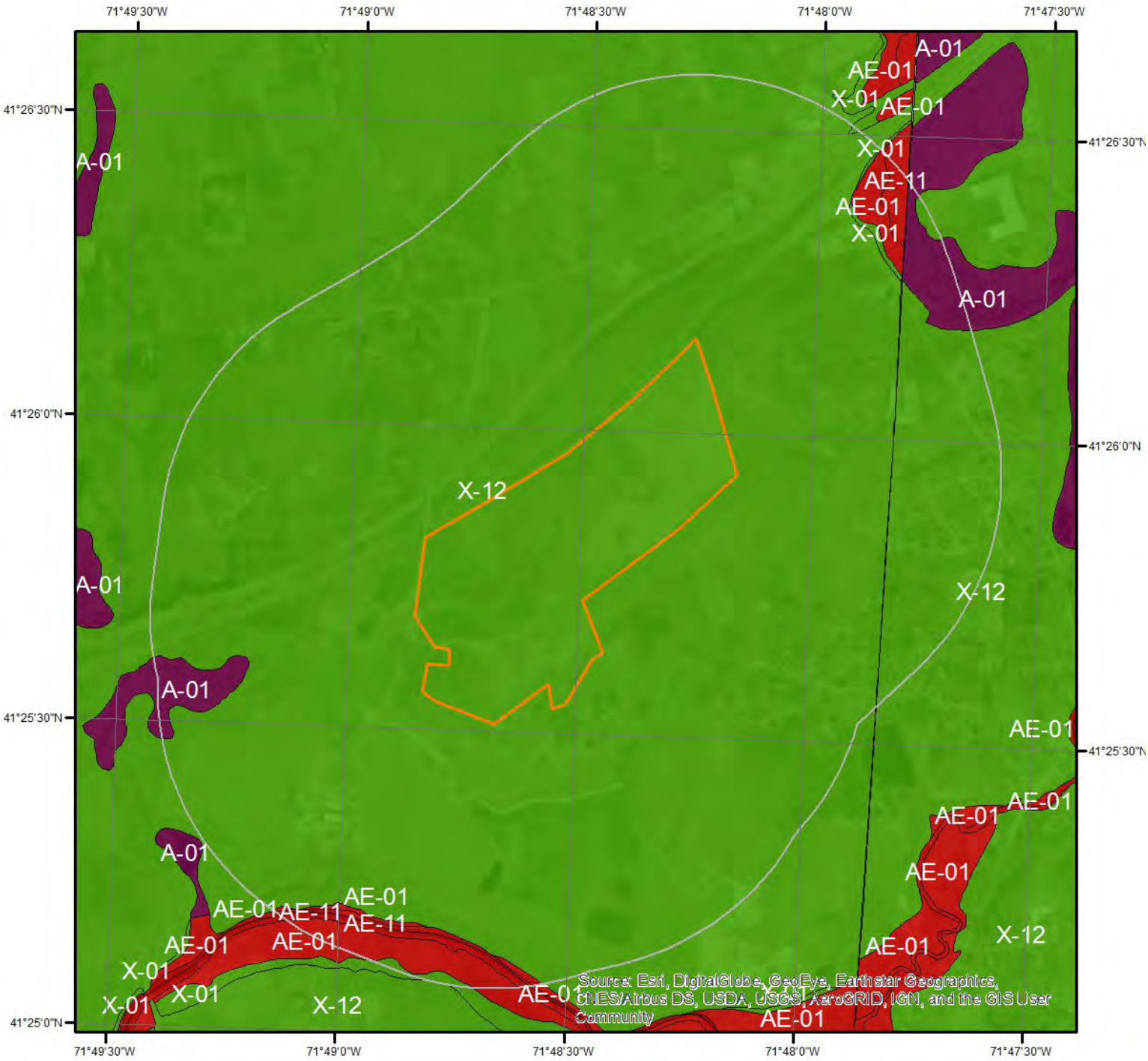
Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

Miles
0 0.175 0.35

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED

N

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Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.

Available FIRM Panels in area:	44009C0135H(effective:2010-10-19) 44009C0137H(effective:2010-10-19) 44009C0141H(effective:2010-10-19) 09011C0412G(effective:2011-07-18) 09011C0408G(effective:2011-07-18) 09011C0416G(effective:2011-07-18) 09011C0404G(effective:2011-07-18)

Flood Zone A-01

Zone:	A
Zone subtype:	

Flood Zone AE-01

Zone:	AE
Zone subtype:	

Flood Zone AE-11

Zone:	AE
Zone subtype:	FLOODWAY

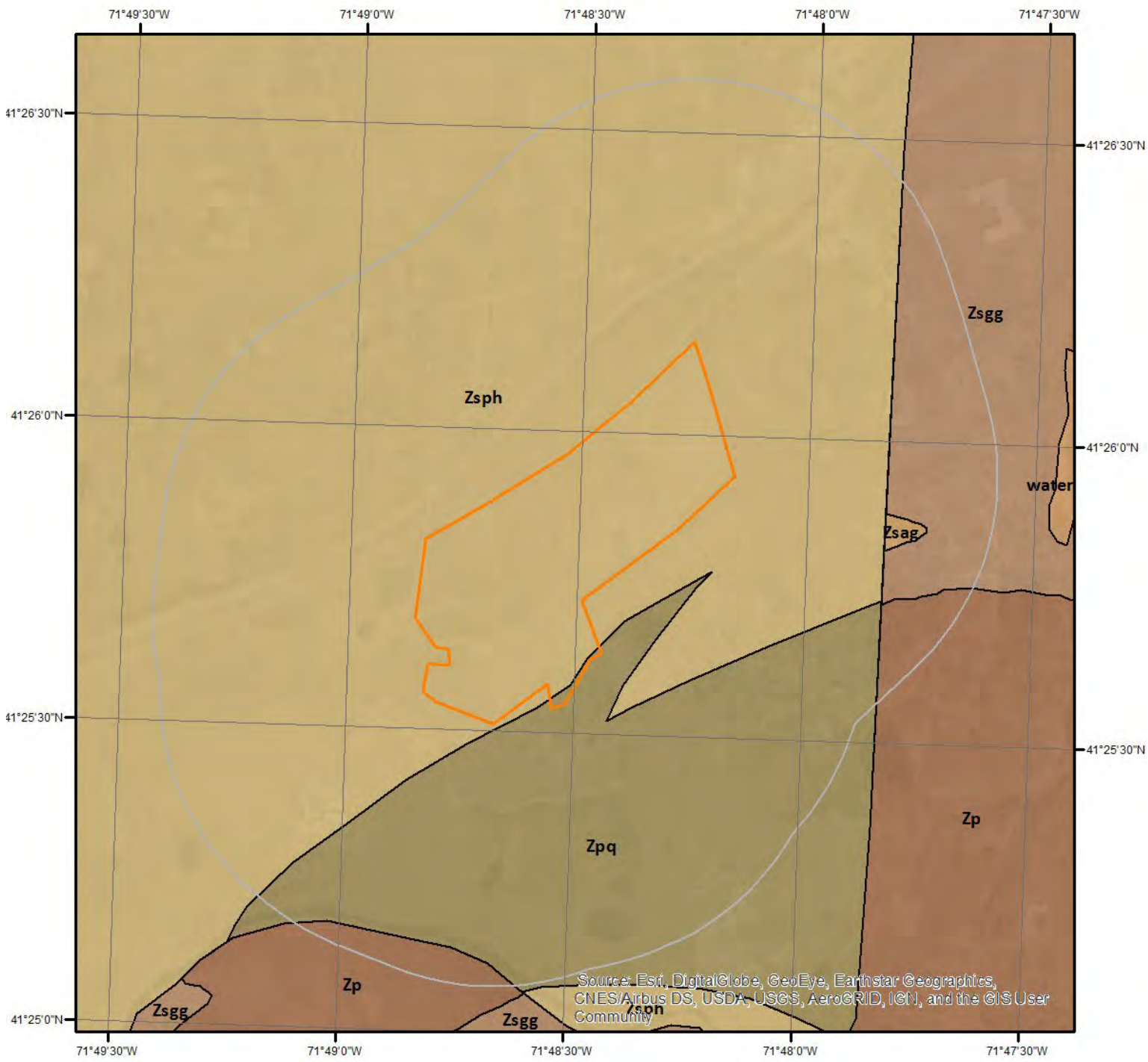
Flood Zone X-01

Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Geologic Information



Miles
0 0.2 0.4

N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

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Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Zp

Unit Name:	Plainfield Formation
Unit Age:	Late Proterozoic? or older?
Primary Rock Type:	quartzite
Secondary Rock Type:	mica schist
Unit Description:	Plainfield Formation - Pale-tan to gray, fine-grained quartzite, and pale- to medium-gray quartz-mica schist. Quartzite is massive to layered (bedded?). Includes Plainfield Formation and some rock mapped formerly as Blackstone Series.

Geologic Unit Zpq

Unit Name:	Quartzite unit [in Plainfield Formation]
Unit Age:	Proterozoic Z?
Primary Rock Type:	quartzite
Secondary Rock Type:	
Unit Description:	Quartzite unit [in Plainfield Formation] - Light-gray, glassy, generally thin bedded quartzite, also feldspathic and micaceous quartzite containing quartz-sillimanite nodules.

Geologic Unit Zsag

Unit Name:	Sterling Igneous Suite - alaskite gneiss
Unit Age:	Late Proterozoic
Primary Rock Type:	granitic gneiss
Secondary Rock Type:	
Unit Description:	Sterling Igneous Suite - alaskite gneiss - Pale pink, orange, or gray, fine- to medium-grained granite gneiss, rarely with porphyroclasts of microcline/orthoclase. Composition is granite with generally less than 3% dark minerals. Composed of sodic plag

Geologic Unit Zsgg

Unit Name:	Sterling Igneous Suite - granite gneiss
Unit Age:	Late Proterozoic
Primary Rock Type:	granitic gneiss
Secondary Rock Type:	
Unit Description:	Sterling Igneous Suite - granite gneiss - Pale pink to gray, medium-grained granite gneiss, commonly with small porphyroclasts of microcline/orthoclase. Similar to alaskite gneiss, but with more than 3% dark minerals. Composition is granite with genera

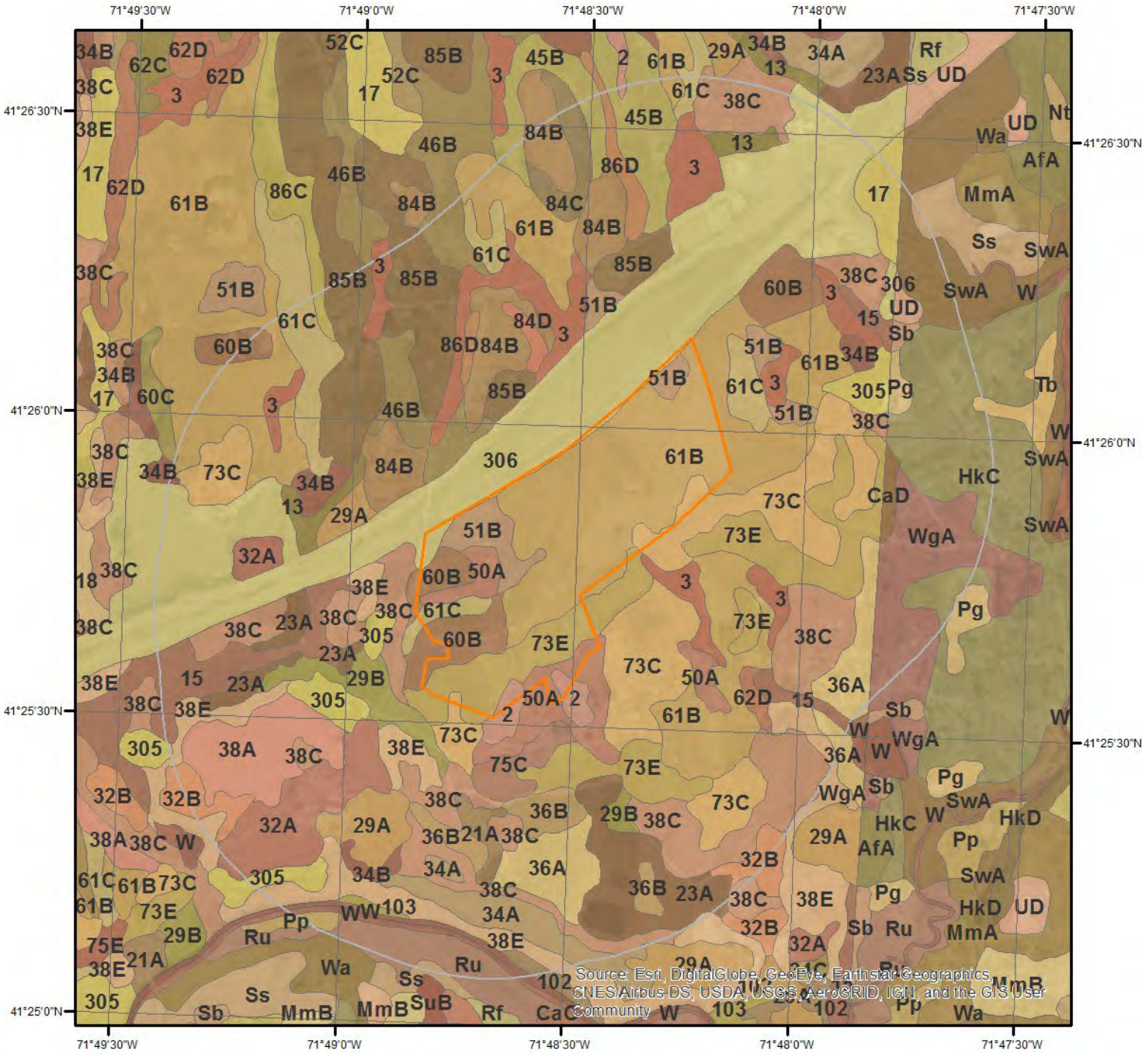
Geologic Unit Zsph

Unit Name:	Potter Hill Granite Gneiss
Unit Age:	Proterozoic Z?

Geologic Information

Primary Rock Type:	granitic gneiss
Secondary Rock Type:	
Unit Description:	??Sterling Plutonic Suite is here restricted to the Hope Valley terrane. (The Hope Valley together with the Esmond-Dedham terrane make up the Avalon superterrane of this report.) The Ponaganset Gneiss and the Ten Rod Granite Gneiss lie within the Esmond-

Soil Information



SSURGO Soils

Miles
0 0.2 0.4

N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

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Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit 102

Map Unit Name:	Pootatuck fine sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Pootatuck(80%)	
horizon Ap(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 41cm)	Fine sandy loam
horizon Bw2(41cm to 53cm)	Fine sandy loam
horizon Bw3(53cm to 74cm)	Sandy loam
horizon C1(74cm to 89cm)	Stratified very gravelly coarse sand to loamy fine sand
horizon C2(89cm to 102cm)	Stratified very gravelly coarse sand to loamy fine sand
horizon C3(102cm to 165cm)	Stratified very gravelly coarse sand to loamy fine sand

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Map Unit 103

Map Unit Name:	Rippowam fine sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	23cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.
Major components are printed below	
Rippowam(80%)	
horizon A(0cm to 13cm)	Fine sandy loam
horizon Bg1(13cm to 30cm)	Fine sandy loam
horizon Cg2(30cm to 48cm)	Fine sandy loam
horizon Cg3(48cm to 61cm)	Sandy loam
horizon Cg4(61cm to 69cm)	Sandy loam
horizon Cg5(69cm to 79cm)	Loamy sand
horizon Cg6(79cm to 165cm)	Stratified very gravelly coarse sand to loamy fine sand

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Map Unit 13

Map Unit Name:	Walpole sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	5cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Soil Information

Major components are printed below

Walpole(80%)

horizon Oe(0cm to 3cm)	Mucky peat
horizon A(3cm to 18cm)	Sandy loam
horizon Bg(18cm to 53cm)	Sandy loam
horizon BC(53cm to 63cm)	Gravelly sandy loam
horizon C(63cm to 165cm)	Very gravelly sand

Map Unit 15

Map Unit Name:	Scarboro muck, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Scarboro(80%)

horizon Oa(0cm to 20cm)	Muck
horizon A(20cm to 36cm)	Mucky fine sandy loam
horizon Cg1(36cm to 56cm)	Sand
horizon Cg2(56cm to 165cm)	Gravelly sand

Map Unit 17

Map Unit Name:	Timakwa and Natchaug soils
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Timakwa(45%)

horizon Oa1(0cm to 26cm)	Muck
horizon Oa2(26cm to 53cm)	Muck
horizon Oa3(53cm to 61cm)	Muck
horizon Oa4(61cm to 94cm)	Muck
horizon 2Cg1(94cm to 120cm)	Very gravelly loamy coarse sand
horizon 2Cg2(120cm to 152cm)	Gravelly loamy very fine sand

Natchaug(40%)

horizon Oi1(0cm to 4cm)	Peat
horizon Oi2(4cm to 9cm)	Peat
horizon Oa1(9cm to 15cm)	Muck
horizon Oa2(15cm to 28cm)	Muck
horizon Oa3(28cm to 46cm)	Muck
horizon Oa4(46cm to 61cm)	Muck
horizon 2Cg1(61cm to 84cm)	Fine sandy loam
horizon 2Cg2(84cm to 91cm)	Fine sandy loam

horizon 2Cg3(91cm to 203cm)	Loam

Map Unit 2

Map Unit Name:	Ridgebury fine sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	8cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.
Major components are printed below	
Ridgebury(80%)	
horizon A(0cm to 13cm)	Fine sandy loam
horizon Bg1(13cm to 36cm)	Fine sandy loam
horizon Bg2(36cm to 53cm)	Fine sandy loam
horizon Cd(53cm to 152cm)	Sandy loam

Map Unit 21A

Map Unit Name:	Ninigret and Tisbury soils, 0 to 5 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Ninigret(60%)	
horizon Ap(0cm to 20cm)	Fine sandy loam
horizon Bw1(20cm to 41cm)	Fine sandy loam
horizon Bw2(41cm to 66cm)	Fine sandy loam
horizon 2C(66cm to 165cm)	Stratified very gravelly coarse sand to loamy fine sand
Tisbury(25%)	
horizon Ap(0cm to 20cm)	Silt loam
horizon Bw1(20cm to 46cm)	Silt loam
horizon Bw2(46cm to 66cm)	Silt loam
horizon 2C(66cm to 152cm)	Stratified very gravelly sand to loamy sand

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Map Unit 23A

Map Unit Name:	Sudbury sandy loam, 0 to 5 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	69cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Sudbury(80%)	
horizon Oe(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 13cm)	Sandy loam

horizon Bw1(13cm to 43cm)	Gravelly sandy loam
horizon Bw2(43cm to 64cm)	Sandy loam
horizon 2C(64cm to 152cm)	Stratified gravel to sand

Map Unit 29A

Map Unit Name:	Agawam fine sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Agawam(85%)	
horizon Ap(0cm to 28cm)	Fine sandy loam
horizon Bw1(28cm to 41cm)	Fine sandy loam
horizon Bw2(41cm to 66cm)	Fine sandy loam
horizon 2C1(66cm to 100cm)	Loamy fine sand
horizon 2C2(100cm to 140cm)	Loamy fine sand
horizon 2C3(140cm to 165cm)	Loamy sand

Map Unit 29B

Map Unit Name:	Agawam fine sandy loam, 3 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Agawam(80%)	
horizon Ap(0cm to 20cm)	Fine sandy loam
horizon Bw1(20cm to 36cm)	Fine sandy loam
horizon Bw2(36cm to 61cm)	Fine sandy loam
horizon 2C(61cm to 152cm)	Stratified very gravelly coarse sand to fine sand

---

Map Unit 3

Map Unit Name:	Ridgebury, Leicester, and Whitman soils, 0 to 8 percent slopes, extremely stony
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.
Major components are printed below	
Ridgebury(40%)	
horizon A(0cm to 13cm)	Fine sandy loam
horizon Bw(13cm to 23cm)	Sandy loam

horizon Bg(23cm to 46cm)	Gravelly sandy loam
horizon Cd(46cm to 165cm)	Gravelly sandy loam
Leicester(35%)	
horizon Oe(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 18cm)	Fine sandy loam
horizon Bg1(18cm to 25cm)	Fine sandy loam
horizon Bg2(25cm to 46cm)	Fine sandy loam
horizon BC(46cm to 61cm)	Fine sandy loam
horizon C1(61cm to 109cm)	Gravelly fine sandy loam
horizon C2(109cm to 165cm)	Gravelly fine sandy loam
Whitman(20%)	
horizon Oi(0cm to 3cm)	Slightly decomposed plant material
horizon A(3cm to 23cm)	Fine sandy loam
horizon Bg(23cm to 41cm)	Fine sandy loam
horizon Cdg1(41cm to 56cm)	Fine sandy loam
horizon Cdg2(56cm to 152cm)	Fine sandy loam

Map Unit 305

Map Unit Name:	Udorthents-Pits complex, gravelly
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	100cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Udorthents(65%)	
horizon A(0cm to 13cm)	Loam
horizon C1(13cm to 54cm)	Gravelly loam
horizon C2(54cm to 203cm)	Very gravelly sandy loam
Pits(25%)	
horizon C(0cm to 165cm)	Very gravelly sand

Map Unit 306

Map Unit Name:	Udorthents-Urban land complex
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	150cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Udorthents(50%)	
horizon A(0cm to 13cm)	Loam
horizon C1(13cm to 54cm)	Gravelly loam
horizon C2(54cm to 203cm)	Very gravelly sandy loam
Urban land(35%)	
horizon H(0cm to 15cm)	Material

Soil Information

Map Unit 32A

Map Unit Name:	Haven and Enfield soils, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Haven(60%)	
horizon Ap(0cm to 18cm)	Silt loam
horizon Bw1(18cm to 36cm)	Silt loam
horizon Bw2(36cm to 51cm)	Silt loam
horizon BC(51cm to 61cm)	Fine sandy loam
horizon 2C(61cm to 152cm)	Stratified very gravelly sand to gravelly fine sand
Enfield(25%)	
horizon O(0cm to 8cm)	Slightly decomposed plant material
horizon O(8cm to 10cm)	Moderately decomposed plant material
horizon Ap(10cm to 30cm)	Silt loam
horizon Bw1(30cm to 51cm)	Silt loam
horizon Bw2(51cm to 66cm)	Silt loam
horizon Bw3(66cm to 76cm)	Silt loam
horizon 2C(76cm to 94cm)	Stratified coarse sand to very gravelly loamy sand
horizon 3C(94cm to 165cm)	Stratified very gravelly coarse sand to loamy sand

Map Unit 32B

Map Unit Name:	Haven and Enfield soils, 3 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Haven(60%)	
horizon Ap(0cm to 18cm)	Silt loam
horizon Bw1(18cm to 36cm)	Silt loam
horizon Bw2(36cm to 51cm)	Silt loam
horizon BC(51cm to 61cm)	Fine sandy loam
horizon 2C(61cm to 152cm)	Stratified very gravelly sand to gravelly fine sand
Enfield(25%)	
horizon O(0cm to 8cm)	Slightly decomposed plant material
horizon O(8cm to 10cm)	Moderately decomposed plant material
horizon Ap(10cm to 30cm)	Silt loam
horizon Bw1(30cm to 51cm)	Silt loam
horizon Bw2(51cm to 66cm)	Silt loam
horizon Bw3(66cm to 76cm)	Silt loam

horizon 2C(76cm to 94cm)	Stratified coarse sand to very gravelly loamy sand
horizon 3C(94cm to 165cm)	Stratified very gravelly coarse sand to loamy sand

Map Unit 34A

Map Unit Name:	Merrimac sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Somewhat excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Merrimac(80%)	
horizon Ap(0cm to 23cm)	Sandy loam
horizon Bw1(23cm to 41cm)	Sandy loam
horizon Bw2(41cm to 61cm)	Gravelly sandy loam
horizon 2C(61cm to 152cm)	Stratified very gravelly coarse sand to gravelly sand

Map Unit 34B

Map Unit Name:	Merrimac sandy loam, 3 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Somewhat excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Merrimac(80%)	
horizon Ap(0cm to 23cm)	Sandy loam
horizon Bw1(23cm to 41cm)	Sandy loam
horizon Bw2(41cm to 61cm)	Gravelly sandy loam
horizon 2C(61cm to 152cm)	Stratified very gravelly coarse sand to gravelly sand

Map Unit 36A

Map Unit Name:	Windsor loamy sand, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Windsor(85%)	
horizon O(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 8cm)	Loamy sand
horizon Bw(8cm to 64cm)	Loamy sand
horizon C(64cm to 165cm)	Sand

Soil Information

Map Unit 36B

Map Unit Name:	Windsor loamy sand, 3 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Windsor(85%)	
horizon O(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 8cm)	Loamy sand
horizon Bw(8cm to 64cm)	Loamy sand
horizon C(64cm to 165cm)	Sand

Map Unit 38A

Map Unit Name:	Hinckley gravelly sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Hinckley(80%)	
horizon Ap(0cm to 20cm)	Gravelly sandy loam
horizon Bw1(20cm to 51cm)	Very gravelly loamy sand
horizon Bw2(51cm to 69cm)	Very gravelly sand
horizon C1(69cm to 107cm)	Stratified cobbly coarse sand to extremely gravelly sand
horizon C2(107cm to 152cm)	Stratified cobbly coarse sand to extremely gravelly sand

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Map Unit 38C

Map Unit Name:	Hinckley gravelly sandy loam, 3 to 15 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Hinckley(80%)	
horizon Ap(0cm to 20cm)	Gravelly sandy loam
horizon Bw1(20cm to 51cm)	Very gravelly loamy sand
horizon Bw2(51cm to 69cm)	Very gravelly sand
horizon C1(69cm to 107cm)	Stratified cobbly coarse sand to extremely gravelly sand
horizon C2(107cm to 152cm)	Stratified cobbly coarse sand to extremely gravelly sand

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Map Unit 38E

Map Unit Name:	Hinckley gravelly sandy loam, 15 to 45 percent slopes

Soil Information

Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Hinckley(80%)	
horizon Ap(0cm to 20cm)	Gravelly sandy loam
horizon Bw1(20cm to 51cm)	Very gravelly loamy sand
horizon Bw2(51cm to 69cm)	Very gravelly sand
horizon C1(69cm to 107cm)	Stratified cobbly coarse sand to extremely gravelly sand
horizon C2(107cm to 152cm)	Stratified cobbly coarse sand to extremely gravelly sand

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Map Unit 45B

Map Unit Name:	Woodbridge fine sandy loam, 3 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	46cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.
Major components are printed below	
Woodbridge(82%)	
horizon Ap(0cm to 18cm)	Fine sandy loam
horizon Bw1(18cm to 46cm)	Fine sandy loam
horizon Bw2(46cm to 76cm)	Fine sandy loam
horizon Cd(76cm to 165cm)	Gravelly fine sandy loam

Map Unit 46B

Map Unit Name:	Woodbridge fine sandy loam, 0 to 8 percent slopes, very stony
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	46cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.
Major components are printed below	
Woodbridge(82%)	
horizon Oe(0cm to 5cm)	Moderately decomposed plant material
horizon A(5cm to 18cm)	Fine sandy loam
horizon Bw1(18cm to 46cm)	Fine sandy loam
horizon Bw2(46cm to 76cm)	Fine sandy loam
horizon Cd(76cm to 165cm)	Gravelly fine sandy loam

Map Unit 50A

Map Unit Name:	Sutton fine sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm

Soil Information

Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Sutton(80%)	
horizon Ap(0cm to 15cm)	Fine sandy loam
horizon Bw1(15cm to 30cm)	Fine sandy loam
horizon Bw2(30cm to 60cm)	Fine sandy loam
horizon Bw3(60cm to 71cm)	Fine sandy loam
horizon C1(71cm to 91cm)	Gravelly fine sandy loam
horizon C2(91cm to 165cm)	Gravelly sandy loam

Map Unit 51B

Map Unit Name:	Sutton fine sandy loam, 2 to 8 percent slopes, very stony
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Sutton(80%)	
horizon Ap(0cm to 15cm)	Fine sandy loam
horizon Bw1(15cm to 30cm)	Fine sandy loam
horizon Bw2(30cm to 60cm)	Fine sandy loam
horizon Bw3(60cm to 71cm)	Fine sandy loam
horizon C1(71cm to 91cm)	Gravelly fine sandy loam
horizon C2(91cm to 165cm)	Gravelly sandy loam

Map Unit 60B

Map Unit Name:	Canton and Charlton soils, 3 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Canton(45%)	
horizon Oe(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 8cm)	Gravelly fine sandy loam
horizon Bw1(8cm to 38cm)	Gravelly loam
horizon Bw2(38cm to 61cm)	Gravelly loam
horizon Bw3(61cm to 76cm)	Gravelly loam
horizon 2C(76cm to 153cm)	Very gravelly loamy sand
Charlton(35%)	
horizon Ap(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 18cm)	Fine sandy loam
horizon Bw2(18cm to 48cm)	Fine sandy loam

horizon Bw3(48cm to 69cm)	Gravelly fine sandy loam
horizon C(69cm to 165cm)	Gravelly fine sandy loam

Map Unit 60C

Map Unit Name:	Canton and Charlton soils, 8 to 15 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Canton(45%)	
horizon Oe(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 8cm)	Gravelly fine sandy loam
horizon Bw1(8cm to 38cm)	Gravelly loam
horizon Bw2(38cm to 61cm)	Gravelly loam
horizon Bw3(61cm to 76cm)	Gravelly loam
horizon 2C(76cm to 153cm)	Very gravelly loamy sand
Charlton(35%)	
horizon Ap(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 18cm)	Fine sandy loam
horizon Bw2(18cm to 48cm)	Fine sandy loam
horizon Bw3(48cm to 69cm)	Gravelly fine sandy loam
horizon C(69cm to 165cm)	Gravelly fine sandy loam

Map Unit 61B

Map Unit Name:	Canton and Charlton soils, 3 to 8 percent slopes, very stony
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Canton(45%)	
horizon Oe(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 8cm)	Gravelly fine sandy loam
horizon Bw1(8cm to 38cm)	Gravelly loam
horizon Bw2(38cm to 61cm)	Gravelly loam
horizon Bw3(61cm to 76cm)	Gravelly loam
horizon 2C(76cm to 153cm)	Very gravelly loamy sand
Charlton(35%)	
horizon Ap(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 18cm)	Fine sandy loam
horizon Bw2(18cm to 48cm)	Fine sandy loam
horizon Bw3(48cm to 69cm)	Gravelly fine sandy loam
horizon C(69cm to 165cm)	Gravelly fine sandy loam

Soil Information

Map Unit 61C

Map Unit Name:	Canton and Charlton soils, 8 to 15 percent slopes, very stony
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Canton(45%)	
horizon Oe(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 8cm)	Gravelly fine sandy loam
horizon Bw1(8cm to 38cm)	Gravelly loam
horizon Bw2(38cm to 61cm)	Gravelly loam
horizon Bw3(61cm to 76cm)	Gravelly loam
horizon 2C(76cm to 153cm)	Very gravelly loamy sand
Charlton(35%)	
horizon Ap(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 18cm)	Fine sandy loam
horizon Bw2(18cm to 48cm)	Fine sandy loam
horizon Bw3(48cm to 69cm)	Gravelly fine sandy loam
horizon C(69cm to 165cm)	Gravelly fine sandy loam

Map Unit 62D

Map Unit Name:	Canton and Charlton soils, 15 to 35 percent slopes, extremely stony
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Canton(45%)	
horizon Oe(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 8cm)	Gravelly fine sandy loam
horizon Bw1(8cm to 38cm)	Gravelly loam
horizon Bw2(38cm to 61cm)	Gravelly loam
horizon Bw3(61cm to 76cm)	Gravelly loam
horizon 2C(76cm to 153cm)	Very gravelly loamy sand
Charlton(35%)	
horizon Ap(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 18cm)	Fine sandy loam
horizon Bw2(18cm to 48cm)	Fine sandy loam
horizon Bw3(48cm to 69cm)	Gravelly fine sandy loam
horizon C(69cm to 165cm)	Gravelly fine sandy loam

Soil Information

Map Unit 73C

Map Unit Name:	Charlton-Chatfield complex, 3 to 15 percent slopes, very rocky
Bedrock Depth - Min:	74cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Charlton(45%)	
horizon Ap(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 18cm)	Fine sandy loam
horizon Bw2(18cm to 48cm)	Fine sandy loam
horizon Bw3(48cm to 69cm)	Gravelly fine sandy loam
horizon C(69cm to 165cm)	Gravelly fine sandy loam
Chatfield(30%)	
horizon Oa(0cm to 3cm)	Highly decomposed plant material
horizon A(3cm to 15cm)	Gravelly fine sandy loam
horizon Bw1(15cm to 38cm)	Gravelly fine sandy loam
horizon Bw2(38cm to 74cm)	Gravelly fine sandy loam
horizon 2R(74cm to 203cm)	Unweathered bedrock

Map Unit 73E

Map Unit Name:	Charlton-Chatfield complex, 15 to 45 percent slopes, very rocky
Bedrock Depth - Min:	74cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Charlton(45%)	
horizon Ap(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 18cm)	Fine sandy loam
horizon Bw2(18cm to 48cm)	Fine sandy loam
horizon Bw3(48cm to 69cm)	Gravelly fine sandy loam
horizon C(69cm to 165cm)	Gravelly fine sandy loam
Chatfield(30%)	
horizon Oa(0cm to 3cm)	Highly decomposed plant material
horizon A(3cm to 15cm)	Gravelly fine sandy loam
horizon Bw1(15cm to 38cm)	Gravelly fine sandy loam
horizon Bw2(38cm to 74cm)	Gravelly fine sandy loam
horizon 2R(74cm to 203cm)	Unweathered bedrock

Map Unit 75C

Map Unit Name:	Hollis-Chatfield-Rock outcrop complex, 3 to 15 percent slopes
Bedrock Depth - Min:	0cm
Watertable Depth - Annual Min:	null

Soil Information

Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.
Major components are printed below	
Hollis(35%)	
horizon Oa(0cm to 3cm)	Highly decomposed plant material
horizon A(3cm to 15cm)	Gravelly fine sandy loam
horizon Bw1(15cm to 23cm)	Channery fine sandy loam
horizon Bw2(23cm to 38cm)	Gravelly fine sandy loam
horizon 2R(38cm to 203cm)	Bedrock
Chatfield(30%)	
horizon Oa(0cm to 3cm)	Highly decomposed plant material
horizon A(3cm to 15cm)	Gravelly fine sandy loam
horizon Bw1(15cm to 38cm)	Gravelly fine sandy loam
horizon Bw2(38cm to 74cm)	Gravelly fine sandy loam
horizon 2R(74cm to 203cm)	Unweathered bedrock

Map Unit 84B

Map Unit Name:	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Paxton(55%)	
horizon Ap(0cm to 20cm)	Fine sandy loam
horizon Bw1(20cm to 38cm)	Fine sandy loam
horizon Bw2(38cm to 66cm)	Fine sandy loam
horizon Cd(66cm to 165cm)	Gravelly fine sandy loam
Montauk(30%)	
horizon A(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 36cm)	Fine sandy loam
horizon Bw2(36cm to 64cm)	Sandy loam
horizon 2Cd1(64cm to 99cm)	Gravelly loamy coarse sand
horizon 2Cd2(99cm to 152cm)	Gravelly sandy loam

Map Unit 84C

Map Unit Name:	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Paxton(55%)	
horizon Ap(0cm to 20cm)	Fine sandy loam

horizon Bw1(20cm to 38cm)	Fine sandy loam
horizon Bw2(38cm to 66cm)	Fine sandy loam
horizon Cd(66cm to 165cm)	Gravelly fine sandy loam
Montauk(30%)	
horizon A(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 36cm)	Fine sandy loam
horizon Bw2(36cm to 64cm)	Sandy loam
horizon 2Cd1(64cm to 99cm)	Gravelly loamy coarse sand
horizon 2Cd2(99cm to 152cm)	Gravelly sandy loam

Map Unit 84D

Map Unit Name:	Paxton and Montauk fine sandy loams, 15 to 25 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Paxton(55%)	
horizon A(0cm to 20cm)	Fine sandy loam
horizon Bw1(20cm to 38cm)	Fine sandy loam
horizon Bw2(38cm to 66cm)	Fine sandy loam
horizon Cd(66cm to 165cm)	Gravelly fine sandy loam
Montauk(30%)	
horizon A(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 36cm)	Fine sandy loam
horizon Bw2(36cm to 64cm)	Sandy loam
horizon 2Cd1(64cm to 99cm)	Gravelly loamy coarse sand
horizon 2Cd2(99cm to 152cm)	Gravelly sandy loam

Map Unit 85B

Map Unit Name:	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes, very stony
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Paxton(55%)	
horizon A(0cm to 20cm)	Fine sandy loam
horizon Bw1(20cm to 38cm)	Fine sandy loam
horizon Bw2(38cm to 66cm)	Fine sandy loam
horizon Cd(66cm to 165cm)	Gravelly fine sandy loam
Montauk(30%)	
horizon A(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 36cm)	Fine sandy loam

horizon Bw2(36cm to 64cm)	Sandy loam
horizon 2Cd1(64cm to 99cm)	Gravelly loamy coarse sand
horizon 2Cd2(99cm to 152cm)	Gravelly sandy loam

Map Unit 86C

Map Unit Name:	Paxton and Montauk fine sandy loams, 3 to 15 percent slopes, extremely stony
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Paxton(55%)	
horizon A(0cm to 20cm)	Fine sandy loam
horizon Bw1(20cm to 38cm)	Fine sandy loam
horizon Bw2(38cm to 66cm)	Fine sandy loam
horizon Cd(66cm to 165cm)	Gravelly fine sandy loam
Montauk(30%)	
horizon A(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 36cm)	Fine sandy loam
horizon Bw2(36cm to 64cm)	Sandy loam
horizon 2Cd1(64cm to 99cm)	Gravelly loamy coarse sand
horizon 2Cd2(99cm to 152cm)	Gravelly sandy loam

Map Unit 86D

Map Unit Name:	Paxton and Montauk fine sandy loams, 15 to 35 percent slopes, extremely stony
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Paxton(55%)	
horizon A(0cm to 20cm)	Fine sandy loam
horizon Bw1(20cm to 38cm)	Fine sandy loam
horizon Bw2(38cm to 66cm)	Fine sandy loam
horizon Cd(66cm to 165cm)	Gravelly fine sandy loam
Montauk(30%)	
horizon A(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 36cm)	Fine sandy loam
horizon Bw2(36cm to 64cm)	Sandy loam
horizon 2Cd1(64cm to 99cm)	Gravelly loamy coarse sand
horizon 2Cd2(99cm to 152cm)	Gravelly sandy loam

Soil Information

Map Unit CaD

Map Unit Name:	Canton-Charlton-Rock outcrop complex, 15 to 35 percent slopes
Bedrock Depth - Min:	0cm
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Canton(40%)	
horizon Oe(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 8cm)	Gravelly fine sandy loam
horizon Bw1(8cm to 38cm)	Gravelly loam
horizon Bw2(38cm to 61cm)	Gravelly loam
horizon Bw3(61cm to 76cm)	Gravelly loam
horizon 2C(76cm to 153cm)	Very gravelly loamy sand
Rock outcrop(20%)	
horizon R(0cm to 200cm)	Bedrock
Charlton(20%)	
horizon Ap(0cm to 10cm)	Fine sandy loam
horizon Bw1(10cm to 18cm)	Fine sandy loam
horizon Bw2(18cm to 48cm)	Fine sandy loam
horizon Bw3(48cm to 69cm)	Gravelly fine sandy loam
horizon C(69cm to 165cm)	Gravelly fine sandy loam

Map Unit HkC

Map Unit Name:	Hinckley gravelly sandy loam, rolling
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Hinckley(90%)	
horizon Ap(0cm to 20cm)	Gravelly sandy loam
horizon Bw1(20cm to 51cm)	Very gravelly loamy sand
horizon Bw2(51cm to 69cm)	Very gravelly sand
horizon C1(69cm to 107cm)	Stratified cobbly coarse sand to extremely gravelly sand
horizon C2(107cm to 152cm)	Stratified cobbly coarse sand to extremely gravelly sand

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Map Unit Pg

Map Unit Name:	Pits, gravel
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	null
Hydrologic Group - Dominant:	null

Major components are printed below

Soil Information

Map Unit Pp

Map Unit Name:	Pootatuck fine sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.
Major components are printed below	
Pootatuck(85%)	
horizon A(0cm to 30cm)	Fine sandy loam
horizon Bw(30cm to 96cm)	Fine sandy loam
horizon C(96cm to 165cm)	Stratified loamy fine sand to very gravelly coarse sand
Hinckley(7%)	
horizon Ap(0cm to 20cm)	Gravelly sandy loam
horizon Bw1(20cm to 51cm)	Very gravelly loamy sand
horizon Bw2(51cm to 69cm)	Very gravelly sand
horizon C1(69cm to 107cm)	Stratified cobbly coarse sand to extremely gravelly sand
horizon C2(107cm to 152cm)	Stratified cobbly coarse sand to extremely gravelly sand

Map Unit Ru

Map Unit Name:	Rippowam fine sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	23cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.
Major components are printed below	
Rippowam(85%)	
horizon A(0cm to 13cm)	Fine sandy loam
horizon Bg1(13cm to 30cm)	Fine sandy loam
horizon Bg2(30cm to 48cm)	Fine sandy loam
horizon BCg1(48cm to 61cm)	Sandy loam
horizon BCg2(61cm to 69cm)	Sandy loam
horizon Cg1(69cm to 79cm)	Loamy sand
horizon Cg2(79cm to 165cm)	Stratified very gravelly coarse sand to loamy fine sand

Map Unit Sb

Map Unit Name:	Scarboro mucky fine sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.
Major components are printed below	
Scarboro(80%)	

horizon Oe(0cm to 8cm)	Mucky peat
horizon A(8cm to 28cm)	Mucky fine sandy loam
horizon Cg1(28cm to 53cm)	Sand
horizon Cg2(53cm to 165cm)	Gravelly coarse sand

Map Unit Ss

Map Unit Name:	Sudbury sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	69cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Sudbury(90%)

horizon Oe(0cm to 3cm)	Moderately decomposed plant material
horizon A(3cm to 13cm)	Sandy loam
horizon Bw1(13cm to 43cm)	Gravelly sandy loam
horizon Bw2(43cm to 64cm)	Sandy loam
horizon 2C(64cm to 152cm)	Stratified g to sand

Map Unit SwA

Map Unit Name:	Swansea muck, 0 to 1 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Swansea(80%)

horizon Oa1(0cm to 61cm)	Muck
horizon Oa2(61cm to 86cm)	Muck
horizon Cg(86cm to 200cm)	Coarse sand

Map Unit Tb

Map Unit Name:	Tisbury silt loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Tisbury(90%)

horizon Ap(0cm to 20cm)	Silt loam
horizon Bw1(20cm to 46cm)	Silt loam
horizon Bw2(46cm to 66cm)	Silt loam
horizon 2C(66cm to 152cm)	Stratified very gravelly sand to loamy sand

Soil Information

Map Unit UD

Map Unit Name:	Udorthents-Urban land complex
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	null
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Udorthents(70%)	
horizon A(0cm to 30cm)	Sandy loam
horizon C1(30cm to 64cm)	Sandy loam
horizon C2(64cm to 152cm)	Stratified sand to very gravelly coarse sand
Urban land(20%)	
horizon R(0cm to 15cm)	Variable

Map Unit W

Map Unit Name:	Water
No more attributes available for this map unit	

Map Unit Wa

Map Unit Name:	Walpole sandy loam, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	5cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.
Major components are printed below	
Walpole(80%)	
horizon Oe(0cm to 3cm)	Mucky peat
horizon A(3cm to 18cm)	Sandy loam
horizon Bg(18cm to 53cm)	Sandy loam
horizon BC(53cm to 63cm)	Gravelly sandy loam
horizon C(63cm to 165cm)	Very gravelly sand

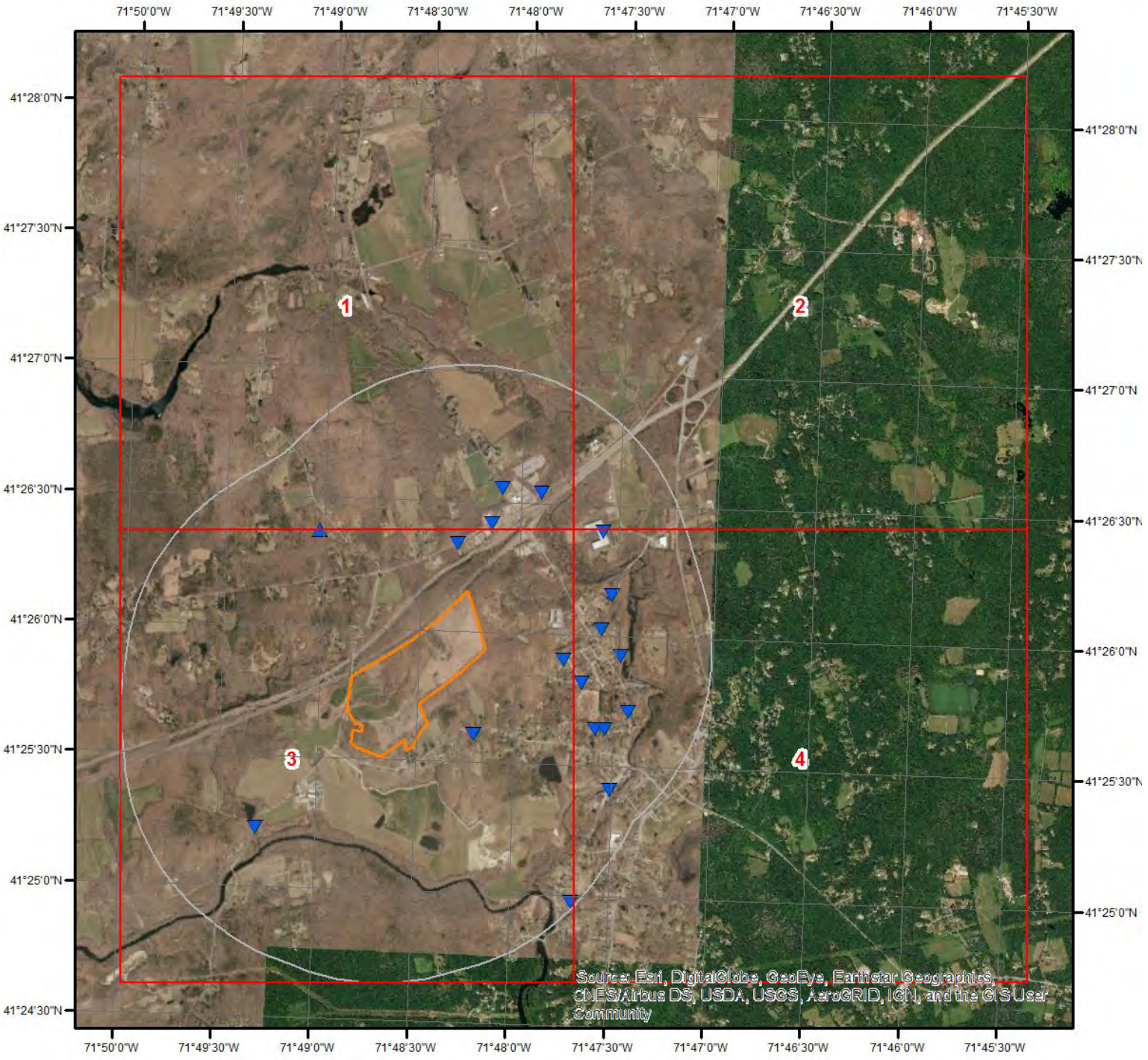
Map Unit WgA

Map Unit Name:	Windsor loamy sand, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.
Major components are printed below	
Windsor(85%)	
horizon O(0cm to 3cm)	Moderately decomposed plant material

Soil Information

horizon A(3cm to 8cm)	Loamy sand
horizon Bw(8cm to 64cm)	Loamy sand
horizon C(64cm to 165cm)	Sand

Wells and Additional Sources



Wells & Additional Sources

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation

N

0 0.3 0.6 1.2 Miles

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Wells and Additional Sources

Wells & Additional Sources - Page 1

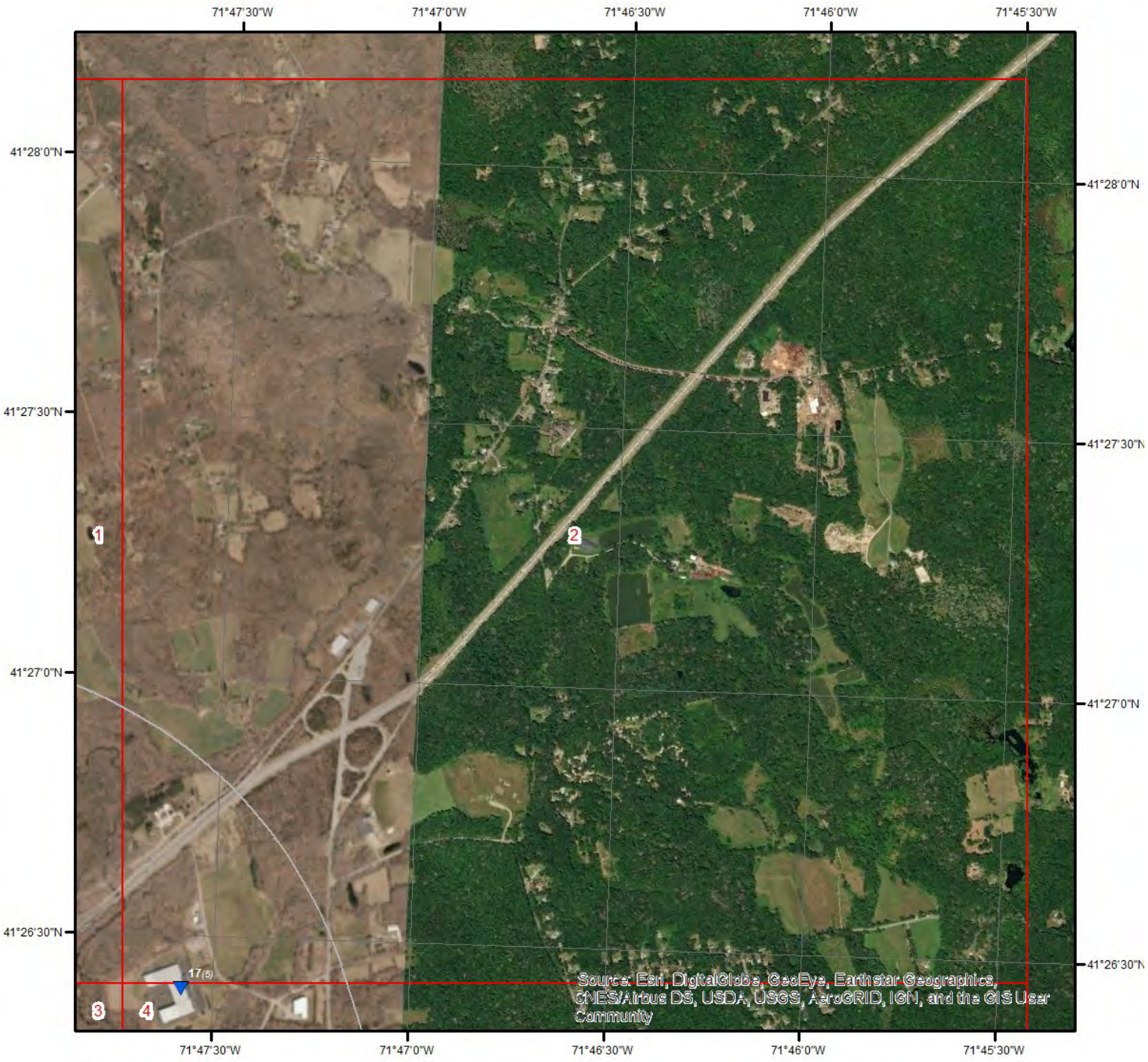
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation

Miles
0 0.15 0.3 0.6

N

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Wells and Additional Sources



Wells & Additional Sources - Page 2

- ▲ Sites with Higher Elevation
- ■ Sites with Same Elevation
- ▼ Sites with Lower Elevation
- ○ Sites with Unknown Elevation

Miles
0 0.15 0.3 0.6

N

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Wells and Additional Sources

Wells & Additional Sources - Page 3

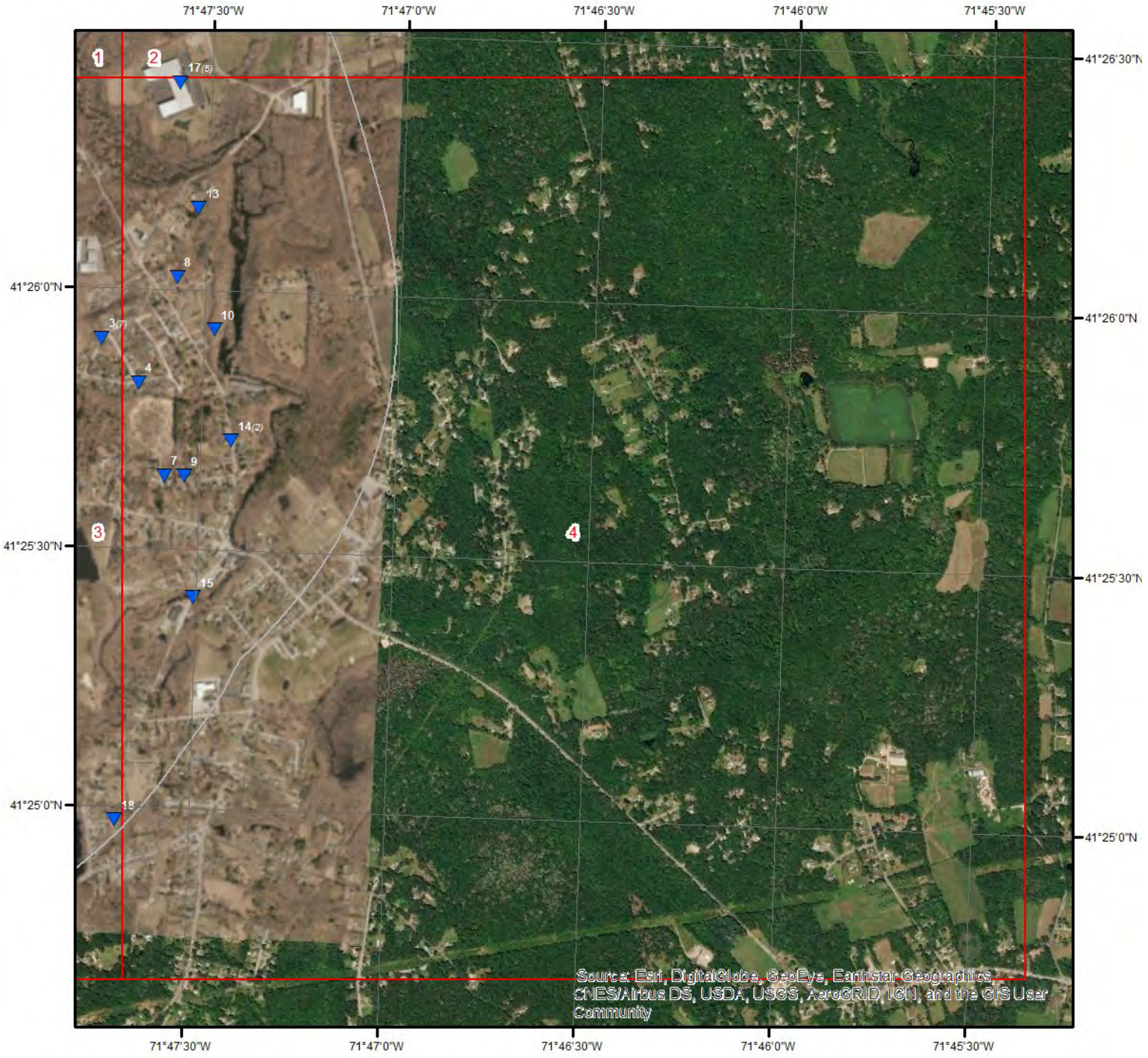
- ▲ Sites with Higher Elevation
- ■ Sites with Same Elevation
- ▼ Sites with Lower Elevation
- ○ Sites with Unknown Elevation

Miles
0 0.15 0.3 0.6

N

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Wells and Additional Sources



Wells & Additional Sources - Page 4

- ▲ Sites with Higher Elevation
- ■ Sites with Same Elevation
- ▼ Sites with Lower Elevation
- ○ Sites with Unknown Elevation

Miles
0 0.15 0.3 0.6

N

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
4	RI1000045	2,385.93	E
5	CT1020474	1,675.18	NNE
11	CT1020304	2,513.00	NNE
14	RI1647510	3,646.61	E
16	CT1020444	2,845.34	NE
17	RI2980430	3,435.38	NE

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
2	CT1020364	1,122.41	NNE
2	CT1020364	1,122.41	NNE
2	CT1020364	1,122.41	NNE
2	CT1020364	1,122.41	NNE
2	CT1020364	1,122.41	NNE
2	CT1020364	1,122.41	NNE
3	RI1000045	1,843.58	E
3	RI1000045	1,843.58	E
3	RI1000045	1,843.58	E
3	RI1000045	1,843.58	E
3	RI1000045	1,843.58	E
3	RI1000045	1,843.58	E
3	RI1000045	1,843.58	E
5	CT1020474	1,675.18	NNE
5	CT1020474	1,675.18	NNE
5	CT1020474	1,675.18	NNE
5	CT1020474	1,675.18	NNE
5	CT1020474	1,675.18	NNE
11	CT1020304	2,513.00	NNE
14	RI1647510	3,646.61	E
16	CT1020444	2,845.34	NE
16	CT1020444	2,845.34	NE
16	CT1020444	2,845.34	NE
16	CT1020444	2,845.34	NE
16	CT1020444	2,845.34	NE
17	RI2980430	3,435.38	NE
17	RI2980430	3,435.38	NE
17	RI2980430	3,435.38	NE
17	RI2980430	3,435.38	NE

USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
1	USGS-412536071481401	1,092.54	SE
6	USGS-412622071490301	3,318.17	NNW
7	USGS-412538071473701	3,167.99	ESE
8	USGS-412601071473601	2,744.80	ENE
9	USGS-412538071473401	3,359.14	ESE
10	USGS-412555071473001	3,149.02	E
12	USGS-01118365	2,987.26	SW
13	USGS-412609071473301	3,192.03	ENE

15	USGS-01118360	4,385.67	ESE
18	USGS-412458071474301	5,162.36	SE

State Sources

Community and Non-Community Water System Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Public Water Supply System

Map Key	PWS ID	Distance (ft)	Direction
2	CT1020364	1,122.41	NNE
16	CT1020444	2,845.34	NE

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	E	0.45	2,385.93	70.29	PWSV

Address Line 2:
State Code: RI
Zip Code: 02804
City Name: ASHAWAY
Address Line 1: 7 SOUTH DRIVE
PWS ID: RI1000045
PWS Type Code: CWS
PWS Type Description: Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number:

--Details--
Population Served Count: 180
City Served: HOPKINTON
County Served: Washington
State Served: RI
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.32	1,675.18	78.82	PWSV

Address Line 2:
State Code: CT
Zip Code: 06359
City Name: NORTH STONINGTON
Address Line 1: 560 ROUTE 184
PWS ID: CT1020474
PWS Type Code: TNCWS
PWS Type Description: Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 860-599-3894

Wells and Additional Sources Detail Report

--Details--
Population Served Count: 25
City Served: NORTH STONINGTON
County Served: New London
State Served: CT
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NNE	0.48	2,513.00	72.81	PWSV

Address Line 2:
State Code: CT
Zip Code: 06359
City Name: NORTH STONINGTON
Address Line 1: 273 CLARKS FALLS ROAD
PWS ID: CT1020304
PWS Type Code: NTNCWS
PWS Type Description: Non-Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: I
PWS Activity Description: Inactive
PWS Deactivation Date: 01/01/2000
Phone Number: 860-599-4478

--Details--
Population Served Count: 50
City Served: NORTH STONINGTON
County Served:
State Served: CT
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	E	0.69	3,646.61	82.60	PWSV

Address Line 2: 51 HIGH STREET
State Code: RI
Zip Code: 02804
City Name: ASHAWAY
Address Line 1:
PWS ID: RI1647510
PWS Type Code: TNCWS
PWS Type Description: Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: I

PWS Activity Description: Inactive
PWS Deactivation Date: 01/06/1980
Phone Number: 401-377-2244

--Details--
Population Served Count: 1
City Served:
County Served:
State Served: RI
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NE	0.54	2,845.34	58.62	PWSV

Address Line 2:
State Code: CT
Zip Code: 06359
City Name: NORTH STONINGTON
Address Line 1: 593 Providence-New London Turnpike
PWS ID: CT1020444
PWS Type Code: TNCWS
PWS Type Description: Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 860-599-0845

--Details--
Population Served Count: 29
City Served: NORTH STONINGTON
County Served: New London
State Served: CT
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	NE	0.65	3,435.38	59.57	PWSV

Address Line 2:
State Code: RI
Zip Code: 02833
City Name: HOPKINTON
Address Line 1: 15 Gray Lane
PWS ID: RI2980430
PWS Type Code: NTNCWS

PWS Type Description: Non-Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: A
PWS Activity Description: Active
PWS Deactivation Date:
Phone Number: 860-460-4820

--Details--
Population Served Count: 125
City Served: HOPKINTON
County Served: Washington
State Served: RI
Zip Code Served:

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.21	1,122.41	133.28	SDWIS

PWS ID:	CT1020364	Pop Cat 11:	<=100
Facility ID:	40756	Pop Cat 11 Cd:	1
Facility Name:	ENTRY POINT	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	11-Jan-00	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, AMIT
Primacy Agency:	Connecticut	Admin Name:	PATEL, AMIT
Is Source Ind:	No	Phone No:	860-599-2261
Facility Type Cd:	SS	Phone Ext No:	-
Facility Type Desc:	Sampling Station	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-0450
Activity Status:	Active	Email Addr:	stardustmotel@comcast.net
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State

Wells and Additional Sources Detail Report

Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	700
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.21	1,122.41	133.28	SDWIS

PWS ID:	CT1020364	Pop Cat 11:	<=100
Facility ID:	58634	Pop Cat 11 Cd:	1
Facility Name:	WELL 2	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	11-Jan-00	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, AMIT
Primacy Agency:	Connecticut	Admin Name:	PATEL, AMIT
Is Source Ind:	Yes	Phone No:	860-599-2261
Facility Type Cd:	WL	Phone Ext No:	-

Wells and Additional Sources Detail Report

Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-0450
Activity Status:	Active	Email Addr:	stardustmotel@comcast.net
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	58633
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.21	1,122.41	133.28	SDWIS

PWS ID:	CT1020364	Pop Cat 11:	<=100

Wells and Additional Sources Detail Report

Facility ID:	34880	Pop Cat 11 Cd:	1
Facility Name:	DISTRIBUTION SYSTEM	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	11-Jan-00	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, AMIT
Primacy Agency:	Connecticut	Admin Name:	PATEL, AMIT
Is Source Ind:	No	Phone No:	860-599-2261
Facility Type Cd:	DS	Phone Ext No:	-
Facility Type Desc:	Distribution System/Zone	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-0450
Activity Status:	Active	Email Addr:	stardustmotel@comcast.net
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	600
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-

Wells and Additional Sources Detail Report

Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.21	1,122.41	133.28	SDWIS

PWS ID:	CT1020364	Pop Cat 11:	<=100
Facility ID:	58636	Pop Cat 11 Cd:	1
Facility Name:	STARDUST WTP	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	11-Jan-00	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, AMIT
Primacy Agency:	Connecticut	Admin Name:	PATEL, AMIT
Is Source Ind:	No	Phone No:	860-599-2261
Facility Type Cd:	TP	Phone Ext No:	-
Facility Type Desc:	Treatment Plant	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-0450
Activity Status:	Active	Email Addr:	stardustmotel@comcast.net
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-

Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	58635
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	No
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	4976
Treatment Process Code:	348
Treatment Process:	Filtered
Treatment Objective Code:	P
Treatment Objective:	Particulate removal
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	FILTERED

Treatment ID:	4977
Treatment Process Code:	460
Treatment Process:	Ion Exchange
Treatment Objective Code:	S
Treatment Objective:	Softening (hardness removal)
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	ION EXCHANGE

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.21	1,122.41	133.28	SDWIS

PWS ID:	CT1020364	Pop Cat 11:	<=100
Facility ID:	58638	Pop Cat 11 Cd:	1
Facility Name:	PRESSURE STORAGE	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	11-Jan-00	Pop Cat 5 Cd:	1

Wells and Additional Sources Detail Report

Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, AMIT
Primacy Agency:	Connecticut	Admin Name:	PATEL, AMIT
Is Source Ind:	No	Phone No:	860-599-2261
Facility Type Cd:	ST	Phone Ext No:	-
Facility Type Desc:	Storage	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-0450
Activity Status:	Active	Email Addr:	stardustmotel@comcast.net
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	58637
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Wells and Additional Sources Detail Report

2	NNE	0.21	1,122.41	133.28	SDWIS

PWS ID:	CT1020364	Pop Cat 11:	<=100
Facility ID:	43645	Pop Cat 11 Cd:	1
Facility Name:	WELL 1	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	11-Jan-00	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, AMIT
Primacy Agency:	Connecticut	Admin Name:	PATEL, AMIT
Is Source Ind:	Yes	Phone No:	860-599-2261
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-0450
Activity Status:	Active	Email Addr:	stardustmotel@comcast.net
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	N	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	21806
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.35	1,843.58	86.25	SDWIS

PWS ID:	RI1000045	Pop Cat 11:	101-500
Facility ID:	4506	Pop Cat 11 Cd:	2
Facility Name:	PUMP FACILITY	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	-	Pop Cat 3 Cd:	1
Season End Date:	-	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-MAR-86	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	BERGEN, TOM
Primacy Agency:	Rhode Island	Admin Name:	BERGEN, TOM
Is Source Ind:	No	Phone No:	401-377-4031
Facility Type Cd:	PF	Phone Ext No:	-
Facility Type Desc:	Pump Facility	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	CWS	PWS Type:	Community water system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Unreported
Subms Sts Cd Vio:	U	Pop Srvd Cnt:	180

Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	53
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	PF001
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	No
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.35	1,843.58	86.25	SDWIS

PWS ID:	RI1000045	Pop Cat 11:	101-500
Facility ID:	2055	Pop Cat 11 Cd:	2
Facility Name:	19LYNN LN LEWENDOWSKI	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	-	Pop Cat 3 Cd:	1
Season End Date:	-	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-MAR-86	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	BERGEN, TOM
Primacy Agency:	Rhode Island	Admin Name:	BERGEN, TOM
Is Source Ind:	No	Phone No:	401-377-4031
Facility Type Cd:	TM	Phone Ext No:	-
Facility Type Desc:	Transmission Main (Manifold)	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-

Wells and Additional Sources Detail Report

Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	CWS	PWS Type:	Community water system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	180
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	53
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	MF003
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.35	1,843.58	86.25	SDWIS

PWS ID:	RI1000045	Pop Cat 11:	101-500
Facility ID:	1295	Pop Cat 11 Cd:	2
Facility Name:	DISTRIBUTION SYSTEM	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300

Wells and Additional Sources Detail Report

Season Begin Date:	-	Pop Cat 3 Cd:	1
Season End Date:	-	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-MAR-86	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	BERGEN, TOM
Primacy Agency:	Rhode Island	Admin Name:	BERGEN, TOM
Is Source Ind:	No	Phone No:	401-377-4031
Facility Type Cd:	DS	Phone Ext No:	-
Facility Type Desc:	Distribution System/Zone	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	CWS	PWS Type:	Community water system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	180
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	53
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	DS001
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-

Treatment Plant Addr 2: -
Treatment Plant Zip Code: -
Treatment Comments: -

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.35	1,843.58	86.25	SDWIS

PWS ID:	RI1000045	Pop Cat 11:	101-500
Facility ID:	338	Pop Cat 11 Cd:	2
Facility Name:	WELL #2	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	-	Pop Cat 3 Cd:	1
Season End Date:	-	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-MAR-86	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	BERGEN, TOM
Primacy Agency:	Rhode Island	Admin Name:	BERGEN, TOM
Is Source Ind:	Yes	Phone No:	401-377-4031
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	CWS	PWS Type:	Community water system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	180
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	53
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	N	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	WL002

Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.35	1,843.58	86.25	SDWIS

PWS ID:	RI1000045	Pop Cat 11:	101-500
Facility ID:	337	Pop Cat 11 Cd:	2
Facility Name:	WELL #1	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	-	Pop Cat 3 Cd:	1
Season End Date:	-	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-MAR-86	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	BERGEN, TOM
Primacy Agency:	Rhode Island	Admin Name:	BERGEN, TOM
Is Source Ind:	Yes	Phone No:	401-377-4031
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	CWS	PWS Type:	Community water system

Wells and Additional Sources Detail Report

Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	180
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	53
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	N	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	WL001
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.35	1,843.58	86.25	SDWIS

PWS ID:	RI1000045	Pop Cat 11:	101-500
Facility ID:	3006	Pop Cat 11 Cd:	2
Facility Name:	SAMPLING STATION	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	-	Pop Cat 3 Cd:	1
Season End Date:	-	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-MAR-86	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	BERGEN, TOM
Primacy Agency:	Rhode Island	Admin Name:	BERGEN, TOM
Is Source Ind:	No	Phone No:	401-377-4031

Wells and Additional Sources Detail Report

Facility Type Cd:	SS	Phone Ext No:	-
Facility Type Desc:	Sampling Station	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	CWS	PWS Type:	Community water system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	180
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	53
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	SS099
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.35	1,843.58	86.25	SDWIS

Wells and Additional Sources Detail Report

PWS ID:	RI1000045	Pop Cat 11:	101-500
Facility ID:	2100	Pop Cat 11 Cd:	2
Facility Name:	STORAGE TANK - MAIN	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	-	Pop Cat 3 Cd:	1
Season End Date:	-	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-MAR-86	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	BERGEN, TOM
Primacy Agency:	Rhode Island	Admin Name:	BERGEN, TOM
Is Source Ind:	No	Phone No:	401-377-4031
Facility Type Cd:	ST	Phone Ext No:	-
Facility Type Desc:	Storage	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	CWS	PWS Type:	Community water system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	180
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	53
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	ST001
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-

Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.32	1,675.18	78.82	SDWIS

PWS ID:	CT1020474	Pop Cat 11:	<=100
Facility ID:	48119	Pop Cat 11 Cd:	1
Facility Name:	ENTRY POINT	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Oct-03	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PAUL, GARY
Primacy Agency:	Connecticut	Admin Name:	PAUL, GARY
Is Source Ind:	No	Phone No:	860-599-3894
Facility Type Cd:	SS	Phone Ext No:	-
Facility Type Desc:	Sampling Station	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-1634
Activity Status:	Active	Email Addr:	gary@spicergas.com
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-

Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	700
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.32	1,675.18	78.82	SDWIS

PWS ID:	CT1020474	Pop Cat 11:	<=100
Facility ID:	48117	Pop Cat 11 Cd:	1
Facility Name:	WELL 1	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Oct-03	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PAUL, GARY
Primacy Agency:	Connecticut	Admin Name:	PAUL, GARY
Is Source Ind:	Yes	Phone No:	860-599-3894
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-1634
Activity Status:	Active	Email Addr:	gary@spicergas.com
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active

Wells and Additional Sources Detail Report

Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	N	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	48116
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	No
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.32	1,675.18	78.82	SDWIS

PWS ID:	CT1020474	Pop Cat 11:	<=100
Facility ID:	57654	Pop Cat 11 Cd:	1
Facility Name:	PRESSURE TANK	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1

Wells and Additional Sources Detail Report

Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Oct-03	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PAUL, GARY
Primacy Agency:	Connecticut	Admin Name:	PAUL, GARY
Is Source Ind:	No	Phone No:	860-599-3894
Facility Type Cd:	ST	Phone Ext No:	-
Facility Type Desc:	Storage	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-1634
Activity Status:	Active	Email Addr:	gary@spicergas.com
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	57653
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.32	1,675.18	78.82	SDWIS

PWS ID:	CT1020474	Pop Cat 11:	<=100
Facility ID:	57652	Pop Cat 11 Cd:	1
Facility Name:	TREATMENT PLANT	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Oct-03	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PAUL, GARY
Primacy Agency:	Connecticut	Admin Name:	PAUL, GARY
Is Source Ind:	No	Phone No:	860-599-3894
Facility Type Cd:	TP	Phone Ext No:	-
Facility Type Desc:	Treatment Plant	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-1634
Activity Status:	Active	Email Addr:	gary@spicergas.com
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	57651
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	No
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	4727
Treatment Process Code:	740
Treatment Process:	pH Adjustment
Treatment Objective Code:	C
Treatment Objective:	Corrosion control
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	PH ADJUSTMENT

Treatment ID:	4728
Treatment Process Code:	460
Treatment Process:	Ion Exchange
Treatment Objective Code:	S
Treatment Objective:	Softening (hardness removal)
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	ION EXCHANGE

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.32	1,675.18	78.82	SDWIS

PWS ID:	CT1020474	Pop Cat 11:	<=100
Facility ID:	48118	Pop Cat 11 Cd:	1
Facility Name:	DISTRIBUTION SYSTEM	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Oct-03	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PAUL, GARY
Primacy Agency:	Connecticut	Admin Name:	PAUL, GARY
Is Source Ind:	No	Phone No:	860-599-3894
Facility Type Cd:	DS	Phone Ext No:	-
Facility Type Desc:	Distribution System/Zone	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	860-599-1634
Activity Status:	Active	Email Addr:	gary@spicergas.com

Wells and Additional Sources Detail Report

Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	25
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	600
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	NNE	0.48	2,513.00	72.81	SDWIS

PWS ID:	CT1020304	Pop Cat 11:	<=100
Facility ID:	31423	Pop Cat 11 Cd:	1
Facility Name:	WELL1	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1

Wells and Additional Sources Detail Report

EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	1-Jan-00	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	1-Jan-00	Pop Cat 5:	<=500
First Rptd Dt:	11-Jan-00	Pop Cat 5 Cd:	1
Last Rptd Date:	31-Dec-02	ORG Name:	-
Primacy Agency:	Connecticut	Admin Name:	MAYNARD, LEONARD
Is Source Ind:	Yes	Phone No:	860-599-4478
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	I	Fax No:	-
Activity Status:	Inactive	Email Addr:	-
Availability Code:	O	Avlblty Desc:	Other
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	I	Fac Activity:	Inactive
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	NTNCWS	PWS Type:	Non-Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	50
Is Grant Eligible:	No	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	N	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	No	State Fac ID:	-
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-

Treatment Plant State: -
Treatment Plant Addr 1: -
Treatment Plant Addr 2: -
Treatment Plant Zip Code: -
Treatment Comments: -

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	E	0.69	3,646.61	82.60	SDWIS

PWS ID:	RI1647510	Pop Cat 11:	<=100
Facility ID:	1	Pop Cat 11 Cd:	1
Facility Name:	DRLD ROCK WELL	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	01-01	Pop Cat 3 Cd:	1
Season End Date:	12-31	Pop Cat 4:	<10K
Deactivation Date:	01-JUN-80	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	01-JUN-80	Pop Cat 5:	<=500
First Rptd Dt:	08-MAR-79	Pop Cat 5 Cd:	1
Last Rptd Date:	24-JUL-95	ORG Name:	-
Primacy Agency:	Rhode Island	Admin Name:	THAMES RIVER TUBE COMPANY
Is Source Ind:	Yes	Phone No:	401-377-2244
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	I	Fax No:	-
Activity Status:	Inactive	Email Addr:	-
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	I	Fac Activity:	Inactive
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	1
Is Grant Eligible:	No	Srvc Cnctn Cnt:	0
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	U	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-

Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	No	State Fac ID:	-
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NE	0.54	2,845.34	58.62	SDWIS

PWS ID:	CT1020444	Pop Cat 11:	<=100
Facility ID:	57427	Pop Cat 11 Cd:	1
Facility Name:	WATER SOFTENER TREATMENT STATION	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Jul-02	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, YOGESH N.
Primacy Agency:	Connecticut	Admin Name:	PATEL, YOGESH N.
Is Source Ind:	No	Phone No:	860-599-0845
Facility Type Cd:	TP	Phone Ext No:	-
Facility Type Desc:	Treatment Plant	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-

Wells and Additional Sources Detail Report

Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	29
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	57426
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	No
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NE	0.54	2,845.34	58.62	SDWIS

PWS ID:	CT1020444	Pop Cat 11:	<=100
Facility ID:	46932	Pop Cat 11 Cd:	1
Facility Name:	ENTRY POINT	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Jul-02	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, YOGESH N.

Wells and Additional Sources Detail Report

Primacy Agency:	Connecticut	Admin Name:	PATEL, YOGESH N.
Is Source Ind:	No	Phone No:	860-599-0845
Facility Type Cd:	SS	Phone Ext No:	-
Facility Type Desc:	Sampling Station	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	29
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	700
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NE	0.54	2,845.34	58.62	SDWIS

Wells and Additional Sources Detail Report

PWS ID:	CT1020444	Pop Cat 11:	<=100
Facility ID:	57425	Pop Cat 11 Cd:	1
Facility Name:	CALCITE TREATMENT STATION	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Jul-02	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, YOGESH N.
Primacy Agency:	Connecticut	Admin Name:	PATEL, YOGESH N.
Is Source Ind:	No	Phone No:	860-599-0845
Facility Type Cd:	TP	Phone Ext No:	-
Facility Type Desc:	Treatment Plant	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	29
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	57424
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	No
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-

Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NE	0.54	2,845.34	58.62	SDWIS

PWS ID:	CT1020444	Pop Cat 11:	<=100
Facility ID:	46929	Pop Cat 11 Cd:	1
Facility Name:	WELL #1	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Jul-02	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, YOGESH N.
Primacy Agency:	Connecticut	Admin Name:	PATEL, YOGESH N.
Is Source Ind:	Yes	Phone No:	860-599-0845
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	29
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-

Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	N	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	22994
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NE	0.54	2,845.34	58.62	SDWIS

PWS ID:	CT1020444	Pop Cat 11:	<=100
Facility ID:	46933	Pop Cat 11 Cd:	1
Facility Name:	DISTRIBUTION SYSTEM	Pop Cat 2:	<10,000
EPA Region Code:	1	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	1-Jan	Pop Cat 3 Cd:	1
Season End Date:	31-Dec	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	24-Jul-02	Pop Cat 5 Cd:	1
Last Rptd Date:	29-Feb-16	ORG Name:	PATEL, YOGESH N.
Primacy Agency:	Connecticut	Admin Name:	PATEL, YOGESH N.
Is Source Ind:	No	Phone No:	860-599-0845
Facility Type Cd:	DS	Phone Ext No:	-
Facility Type Desc:	Distribution System/Zone	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-

Wells and Additional Sources Detail Report

Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	TNCWS	PWS Type:	Transient non-community system
Primcy Agency Cd:	CT	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	29
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	No	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	CT
NPM Candidate:	Yes	State Fac ID:	600
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	NE	0.65	3,435.38	59.57	SDWIS

PWS ID:	RI2980430	Pop Cat 11:	<=100
Facility ID:	3160	Pop Cat 11 Cd:	1
Facility Name:	DRILLED WELL #2	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	01-01	Pop Cat 3 Cd:	1
Season End Date:	12-31	Pop Cat 4:	<10K

Wells and Additional Sources Detail Report

Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-NOV-08	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	QUINLAN, RAY
Primacy Agency:	Rhode Island	Admin Name:	QUINLAN, RAY
Is Source Ind:	Yes	Phone No:	860-460-4820
Facility Type Cd:	WL	Phone Ext No:	-
Facility Type Desc:	Well	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	P	Avlblty Desc:	Permanent
Water Type Code:	GW	Wtr Tp Desc:	Ground water
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	NTNCWS	PWS Type:	Non-Transient non-community system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	60
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	Y	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	WL002
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	No
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-

Treatment Plant Zip Code: -
Treatment Comments: -

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	NE	0.65	3,435.38	59.57	SDWIS

PWS ID:	RI2980430	Pop Cat 11:	<=100
Facility ID:	4683	Pop Cat 11 Cd:	1
Facility Name:	PUMP FACILITY	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	01-01	Pop Cat 3 Cd:	1
Season End Date:	12-31	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-NOV-08	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	QUINLAN, RAY
Primacy Agency:	Rhode Island	Admin Name:	QUINLAN, RAY
Is Source Ind:	No	Phone No:	860-460-4820
Facility Type Cd:	PF	Phone Ext No:	-
Facility Type Desc:	Pump Facility	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	NTNCWS	PWS Type:	Non-Transient non-community system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Unreported
Subms Sts Cd Vio:	U	Pop Srvd Cnt:	60
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	PF001
Is Wholesaler:	No	Sub Quarter:	1

Wells and Additional Sources Detail Report

Submission Year:	2016	Validity Ind:	No
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	NE	0.65	3,435.38	59.57	SDWIS

PWS ID:	RI2980430	Pop Cat 11:	<=100
Facility ID:	3158	Pop Cat 11 Cd:	1
Facility Name:	DISTRIBUTION SYSTEM	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	01-01	Pop Cat 3 Cd:	1
Season End Date:	12-31	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-NOV-08	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	QUINLAN, RAY
Primacy Agency:	Rhode Island	Admin Name:	QUINLAN, RAY
Is Source Ind:	No	Phone No:	860-460-4820
Facility Type Cd:	DS	Phone Ext No:	-
Facility Type Desc:	Distribution System/Zone	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	NTNCWS	PWS Type:	Non-Transient non-community system
Primcy Agency Cd:	RI	Primacy Type:	State

Wells and Additional Sources Detail Report

Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	60
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	-
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	DS001
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	-
Treatment Process Code:	-
Treatment Process:	-
Treatment Objective Code:	-
Treatment Objective:	-
Treatment Plant City:	-
Treatment Plant State:	-
Treatment Plant Addr 1:	-
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	-
Treatment Comments:	-

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	NE	0.65	3,435.38	59.57	SDWIS

PWS ID:	RI2980430	Pop Cat 11:	<=100
Facility ID:	3162	Pop Cat 11 Cd:	1
Facility Name:	TREATMENT PLANT 1	Pop Cat 2:	<10,000
EPA Region Code:	01	Pop Cat 2 Cd:	1
EPA Region:	Region 1	Pop Cat 3:	<=3300
Season Begin Date:	01-01	Pop Cat 3 Cd:	1
Season End Date:	12-31	Pop Cat 4:	<10K
Deactivation Date:	-	Pop Cat 4 Cd:	1
Fac Deactvtn Dt:	-	Pop Cat 5:	<=500
First Rptd Dt:	21-NOV-08	Pop Cat 5 Cd:	1
Last Rptd Date:	22-FEB-16	ORG Name:	QUINLAN, RAY
Primacy Agency:	Rhode Island	Admin Name:	QUINLAN, RAY
Is Source Ind:	No	Phone No:	860-460-4820
Facility Type Cd:	TP	Phone Ext No:	-

Wells and Additional Sources Detail Report

Facility Type Desc:	Treatment Plant	Alt Phone No:	-
Activity Status Cd:	A	Fax No:	-
Activity Status:	Active	Email Addr:	-
Availability Code:	-	Avlblty Desc:	-
Water Type Code:	-	Wtr Tp Desc:	-
DBPR Schd Ctg Cd:	-	DBPR Schd Ctg:	-
Facility Activity Cd:	A	Fac Activity:	Active
Filtrtn Status Cd:	-	Filt Stat Desc:	-
GW or SW Code:	GW	GW or SS:	Groundwater
LT2 Sch Ctgry Cd:	-	LT2 Sched Ctg:	-
Owner Type Code:	P	Owner Type:	Private
PWS Type Code:	NTNCWS	PWS Type:	Non-Transient non-community system
Primcy Agency Cd:	RI	Primacy Type:	State
Primary Source Cd:	GW	Primary Srce:	Ground water
Seller Treatmnt Cd:	-	Seller Trt Dsc:	-
Submsn Status Cd:	Y	Sub Stat Dsc:	Reported and accepted
Subms Sts Cd Vio:	Y	Pop Srvd Cnt:	60
Is Grant Eligible:	Yes	Srvc Cnctn Cnt:	1
Outstnding Perfrm:	-	Seller PWSID:	-
Outstndng Perf Dt:	-	Sllr PWS Nm:	-
Schl or Dycare:	No	CDS ID:	-
Source Treated Ind:	-	Country Code:	US
Src Wtr Protected:	-	Cntry Nm BTP:	US
Src Wtr Prot Dt:	-	State Code:	RI
NPM Candidate:	Yes	State Fac ID:	TP004
Is Wholesaler:	No	Sub Quarter:	1
Submission Year:	2016	Validity Ind:	Yes
Submission Yr Qrtr:	2016Q1		

--Details--

Treatment ID:	604
Treatment Process Code:	341
Treatment Process:	Filtration, Cartridge
Treatment Objective Code:	P
Treatment Objective:	Particulate removal
Treatment Plant City:	HOPKINTON
Treatment Plant State:	RI
Treatment Plant Addr 1:	15 Gray Lane
Treatment Plant Addr 2:	-
Treatment Plant Zip Code:	02833
Treatment Comments:	FILTRATION, CARTRIDGE

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	SE	0.21	1,092.54	112.67	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-CT	Formation Type:	Non-Carbonate Crystalline Bedrock
Organiz Name:	USGS Connecticut Water Science Center	Aquifer Name:	New York and New England crystalline-rock aquifers
Well Depth:	104	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	104	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	NEW LONDON
Construction Date:	19730608	Latitude:	41.4267661
Source Map Scale:	24000	Longitude:	-71.8034022
Monitoring Loc Name:	CT-NSN 76		
Monitoring Loc Identifier:	USGS-412536071481401		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	110		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNW	0.63	3,318.17	224.70	FED USGS

Organiz Identifier:	USGS-CT	Formation Type:	Non-Carbonate Crystalline Bedrock
Organiz Name:	USGS Connecticut Water Science Center	Aquifer Name:	New York and New England crystalline-rock aquifers
Well Depth:	140	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	140	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	NEW LONDON
Construction Date:	19721010	Latitude:	41.4395438
Source Map Scale:	24000	Longitude:	-71.817014
Monitoring Loc Name:	CT-NSN 75		
Monitoring Loc Identifier:	USGS-412622071490301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		

Drainage Area:	
Drainage Area Unit:	
Contrib Drainage Area:	
Contrib Drainage Area Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	225
Vertical Measure Unit:	feet
Vertical Accuracy:	1
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	ESE	0.60	3,167.99	73.92	FED USGS

Organiz Identifier:	USGS-MA	Formation Type:	
Organiz Name:	USGS Massachusetts Water Science Center	Aquifer Name:	Sand and gravel aquifers (glaciated regions)
Well Depth:	103	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	WASHINGTON
Construction Date:	1959	Latitude:	41.4273217
Source Map Scale:	24000	Longitude:	-71.7931241
Monitoring Loc Name:	RI-HOW 387		
Monitoring Loc Identifier:	USGS-412538071473701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	70		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5		
Vertical Accuracy Unit:	feet		

Vertical Collection Mthd:	Reported method of determination.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	ENE	0.52	2,744.80	93.41	FED USGS

Organiz Identifier:	USGS-MA	Formation Type:	
Organiz Name:	USGS Massachusetts Water Science Center	Aquifer Name:	Sand and gravel aquifers (glaciated regions)
Well Depth:	146.5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	275	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON
Construction Date:	19531112	Latitude:	41.4337106
Source Map Scale:	24000	Longitude:	-71.7928465
Monitoring Loc Name:	RI-HOW 415		
Monitoring Loc Identifier:	USGS-412601071473601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	92		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Reported method of determination.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	ESE	0.64	3,359.14	76.15	FED USGS

Organiz Identifier:	USGS-MA	Formation Type:	
Organiz Name:	USGS Massachusetts Water Science Center	Aquifer Name:	
Well Depth:	100	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	125	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	WASHINGTON

Construction Date:	195309	Latitude:	41.4273218
Source Map Scale:	24000	Longitude:	-71.7922908
Monitoring Loc Name:	RI-HOW 416		
Monitoring Loc Identifier:	USGS-412538071473401		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	75		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Reported method of determination.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	E	0.60	3,149.02	74.44	FED USGS

Organiz Identifier:	USGS-MA	Formation Type:	
Organiz Name:	USGS Massachusetts Water Science Center	Aquifer Name:	Sand and gravel aquifers (glaciated regions)
Well Depth:	218	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	WASHINGTON
Construction Date:	1956	Latitude:	41.432044
Source Map Scale:	24000	Longitude:	-71.7911797
Monitoring Loc Name:	RI-HOW 386		
Monitoring Loc Identifier:	USGS-412555071473001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		

Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	85
Vertical Measure Unit:	feet
Vertical Accuracy:	5
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Reported method of determination.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SW	0.57	2,987.26	32.11	FED USGS

Organiz Identifier:	USGS-CT	Formation Type:	
Organiz Name:	USGS Connecticut Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	NEW LONDON
Construction Date:		Latitude:	41.4203772
Source Map Scale:	24000	Longitude:	-71.821736
Monitoring Loc Name:	LEWIS POND OUTLET NR POTTER HILL CT		
Monitoring Loc Identifier:	USGS-01118365		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		
Drainage Area:	1.6		
Drainage Area Unit:	sq mi		
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:			
Vertical Measure Unit:			
Vertical Accuracy:			
Vertical Accuracy Unit:			
Vertical Collection Mthd:			
Vert Coord Refer System:			

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	ENE	0.60	3,192.03	86.61	FED USGS

Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-MA	Formation Type:	
Organiz Name:	USGS Massachusetts Water Science Center	Aquifer Name:	Sand and gravel aquifers (glaciated regions)
Well Depth:	95	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	WASHINGTON
Construction Date:	195705	Latitude:	41.4359328
Source Map Scale:	24000	Longitude:	-71.7920131
Monitoring Loc Name:	RI-HOW 385		
Monitoring Loc Identifier:	USGS-412609071473301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	84		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Reported method of determination.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	ESE	0.83	4,385.67	34.19	FED USGS

Organiz Identifier:	USGS-MA	Formation Type:	
Organiz Name:	USGS Massachusetts Water Science Center	Aquifer Name:	
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	WASHINGTON
Construction Date:		Latitude:	41.4234329
Source Map Scale:	24000	Longitude:	-71.7917351
Monitoring Loc Name:	ASHAWAY RIVER AT ASHAWAY, RI		
Monitoring Loc Identifier:	USGS-01118360		
Monitoring Loc Type:	Stream		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		

Drainage Area:	28.6
Drainage Area Unit:	sq mi
Contrib Drainage Area:	
Contrib Drainage Area Unit:	
Horizontal Accuracy:	1
Horizontal Accuracy Unit:	seconds
Horizontal Collection Mthd:	Interpolated from MAP.
Horiz Coord Refer System:	NAD83
Vertical Measure:	40
Vertical Measure Unit:	feet
Vertical Accuracy:	5
Vertical Accuracy Unit:	feet
Vertical Collection Mthd:	Interpolated from topographic map.
Vert Coord Refer System:	NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SE	0.98	5,162.36	28.95	FED USGS

Organiz Identifier:	USGS-MA	Formation Type:	
Organiz Name:	USGS Massachusetts Water Science Center	Aquifer Name:	Sand and gravel aquifers (glaciated regions)
Well Depth:	40	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	WASHINGTON
Construction Date:	1950	Latitude:	41.4162107
Source Map Scale:	24000	Longitude:	-71.7947907
Monitoring Loc Name:	RI-HOW 391		
Monitoring Loc Identifier:	USGS-412458071474301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	01090005		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	30		
Vertical Measure Unit:	feet		
Vertical Accuracy:	1		
Vertical Accuracy Unit:	feet		

Vertical Collection Mthd: Level or other surveyed method.
Vert Coord Refer System: NGVD29

Public Water Supply System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.21	1,122.41	133.28	PWS

PWS ID: CT1020364
System Name: Stardust Motel
Principal City Served: North Stonington
Source of Supply: GW
Administrative Contact: Mr. Amit Patel
First Name: Amit
Last Name: Patel
Zip Code: 06359
Phone No: 860-599-2261
Population Served: 25
Service Connection: 1
DB Type: Transient Non-Community Systems

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NE	0.54	2,845.34	58.62	PWS

PWS ID: CT1020444
System Name: Budget Inn
Principal City Served: North Stonington
Source of Supply: GW
Administrative Contact: Mr. Yogesh N. Patel
First Name: Yogesh N.
Last Name: Patel
Zip Code: 06359
Phone No: 860-599-0835
Population Served: 29
Service Connection: 1
DB Type: Transient Non-Community Systems

Radon Information

This section lists any relevant radon information found for the target property.

No Radon Zone Level records found for the project property or surrounding properties.

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

No Indoor Radon Data records found for the project property or surrounding properties.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

State Sources

Community and Non-Community Water System Wells — **WATER WELLS**

Active, emergency and inactive wells used for potable purposes that are owned and operated by active

community and non-community water systems in Connecticut. This list is maintained by the Department of Public Health's Drinking Water Section.

Oil and Gas Wells **OGW**

As per the Bureau of Materials Management & Compliance Assurance, there are no Oil and Gas Wells data maintained for Connecticut.

Public Water Supply System **PWS**

The Public Water Supply System (PWSS) data consist of community and non-community water supply systems in Connecticut. This data was made available by Connecticut Department of Public Health, Drinking Water Section. For security reasons, the department cannot provide the physical location of the water systems wells - addresses are contact addresses which may or may not correspond with the physical location of the water system.

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Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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ENVIRONMENTAL RISK INFORMATION SERVICES

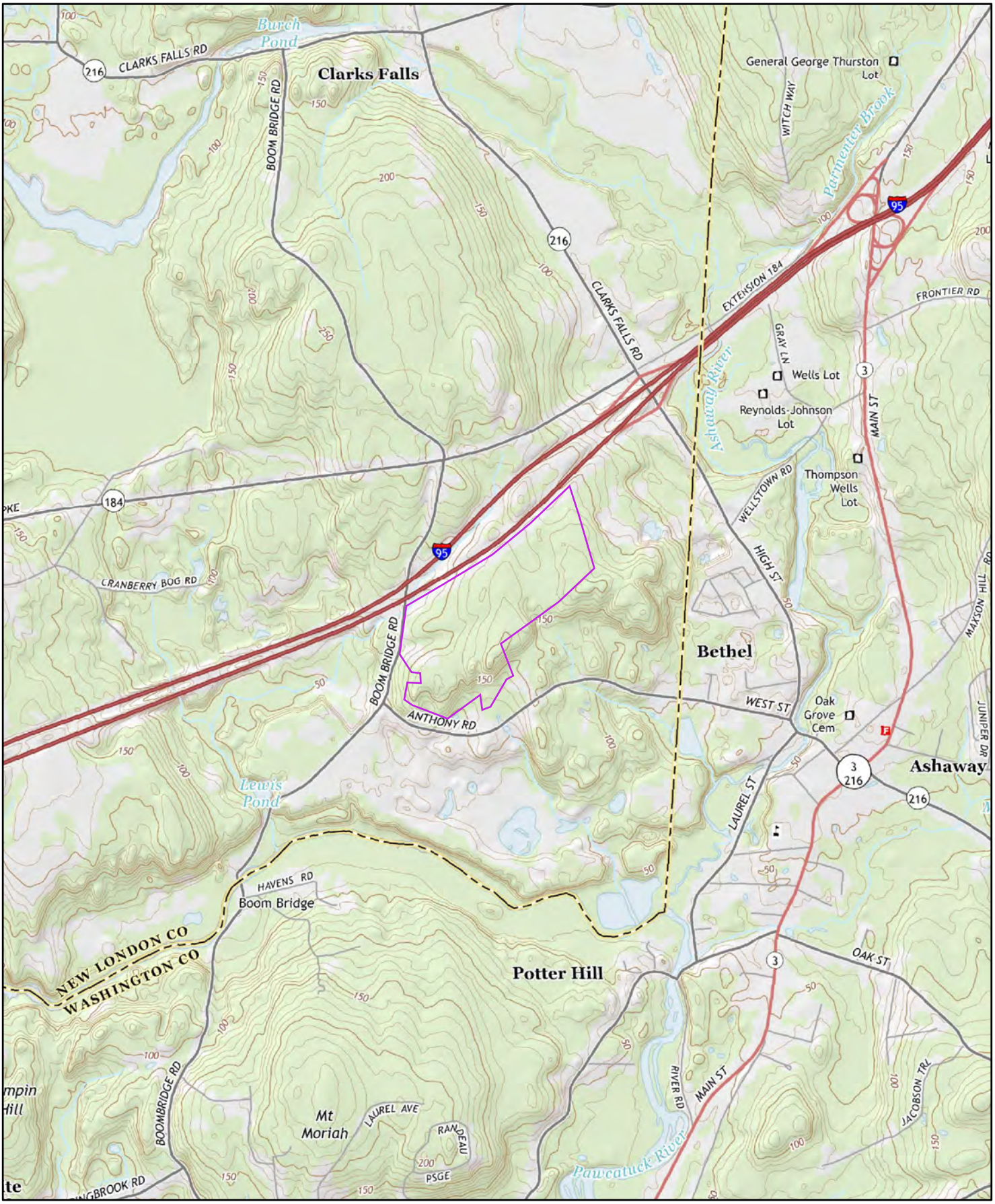
TOPOGRAPHIC MAPS

Project Property:	233 Boombridge Road, North stonington CT 233 Boombridge Road Westerly CT 02891
Requested By:	1305-50-01
Order No:	20190610093
Date Completed:	June 12, 2019

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2015	7.5
2001	7.5
1984	7.5
1975	7.5
1970	7.5
1953	7.5
1943	7.5
1921	15
1893	15
1889	15



2015

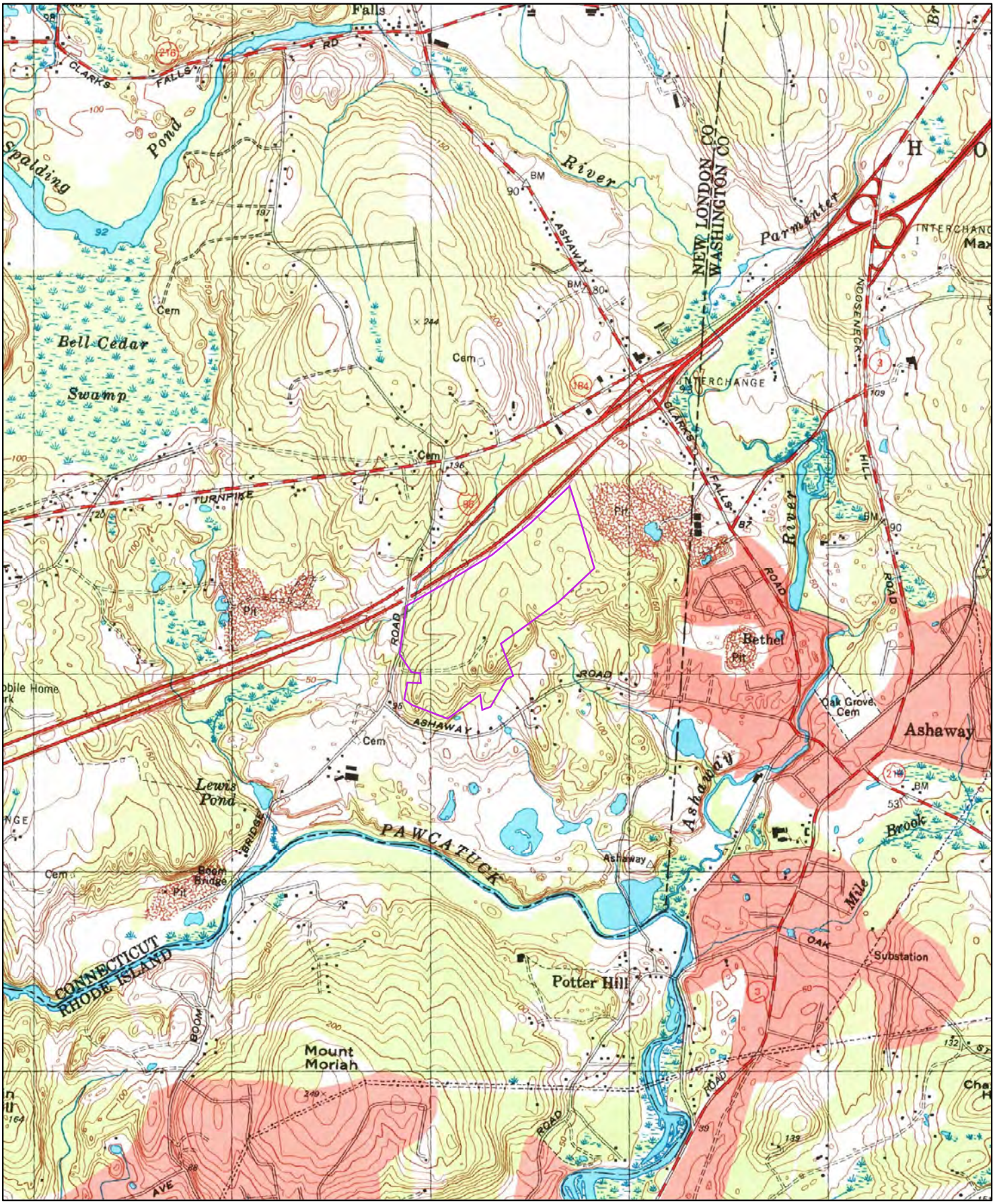
0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Ashaway,RI

Source: USGS 7.5 Minute Topographic Map

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES



2001

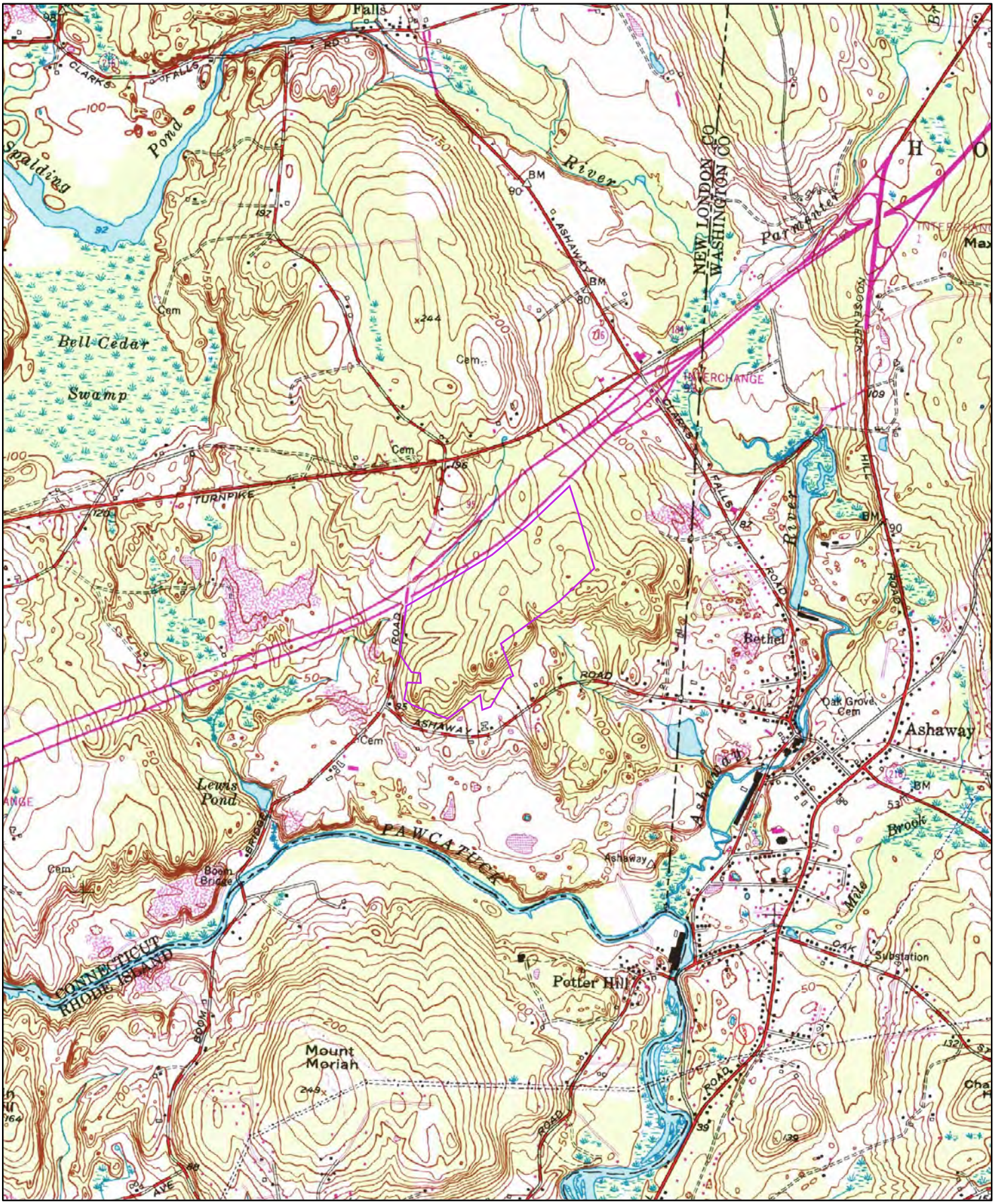
0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Ashaway,RI

Source: USGS 7.5 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



1984

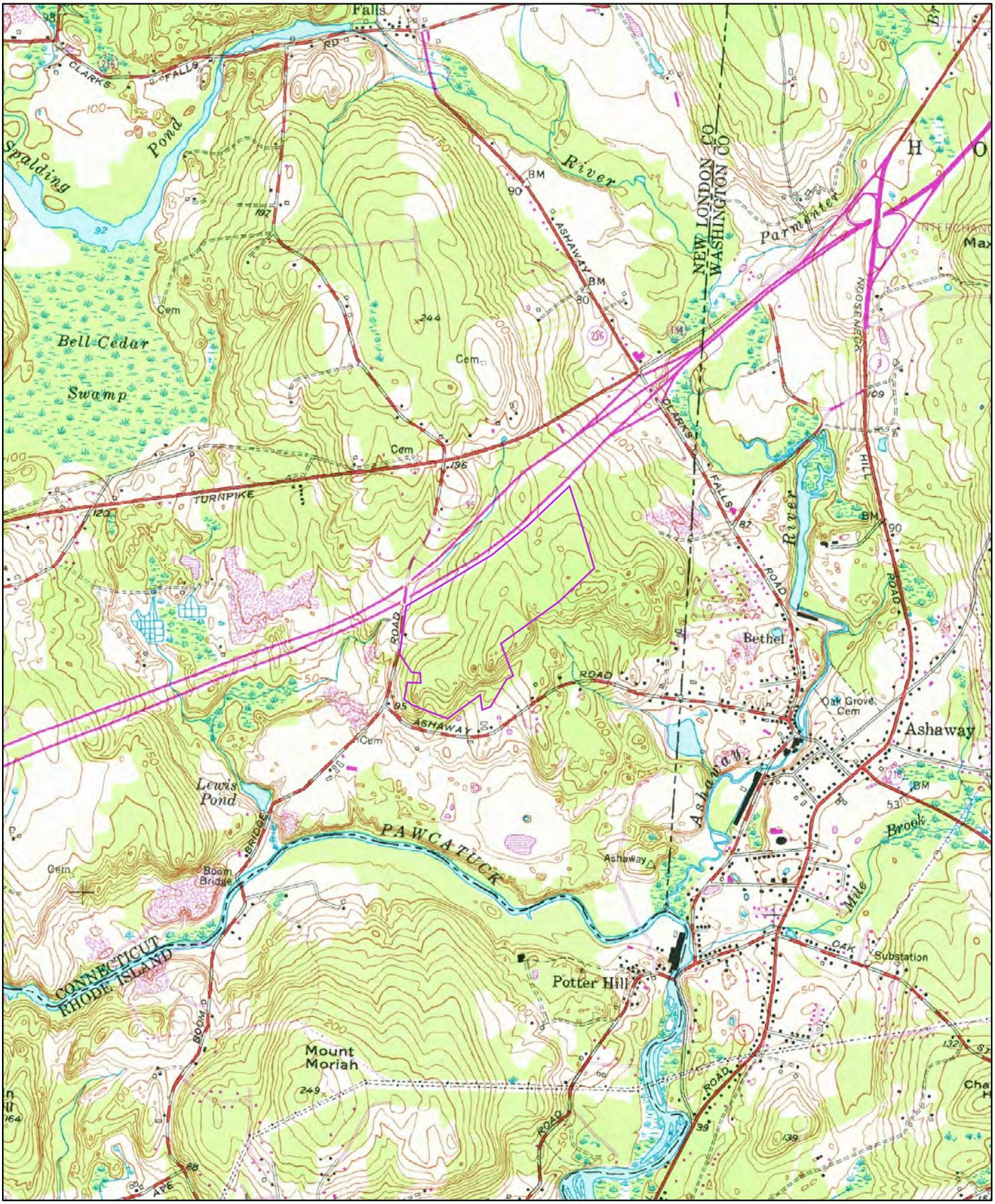
0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Ashaway,RI

Source: USGS 7.5 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



1975

0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Ashaway,CT

Source: USGS 7.5 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

1970

0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Ashaway,CT

Source: USGS 7.5 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

1953

0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Ashaway,CT

Source: USGS 7.5 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

1943

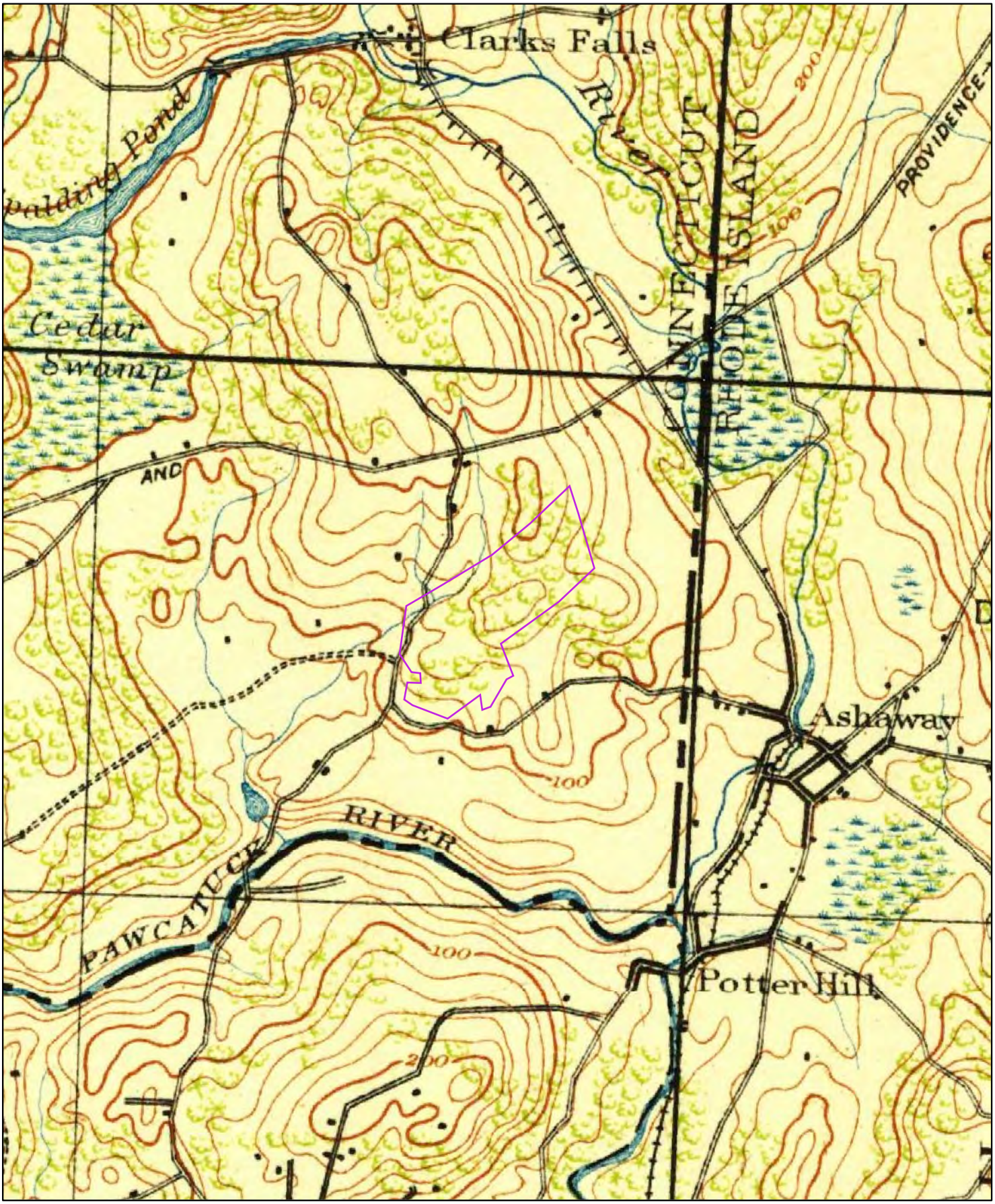
0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Ashaway,CT

Source: USGS 7.5 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



1921

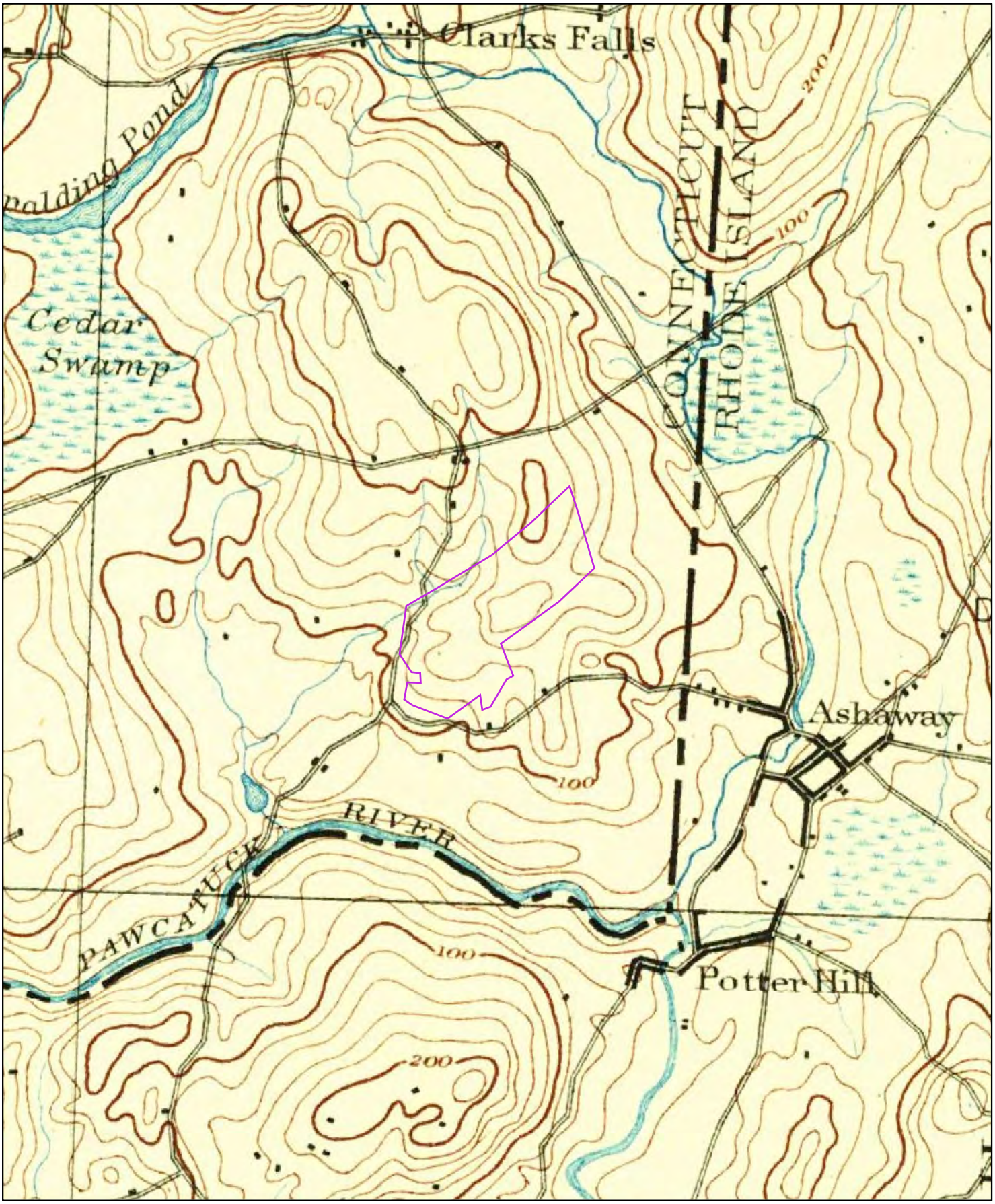
0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Stonington,CT

Source: USGS 15 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



1893

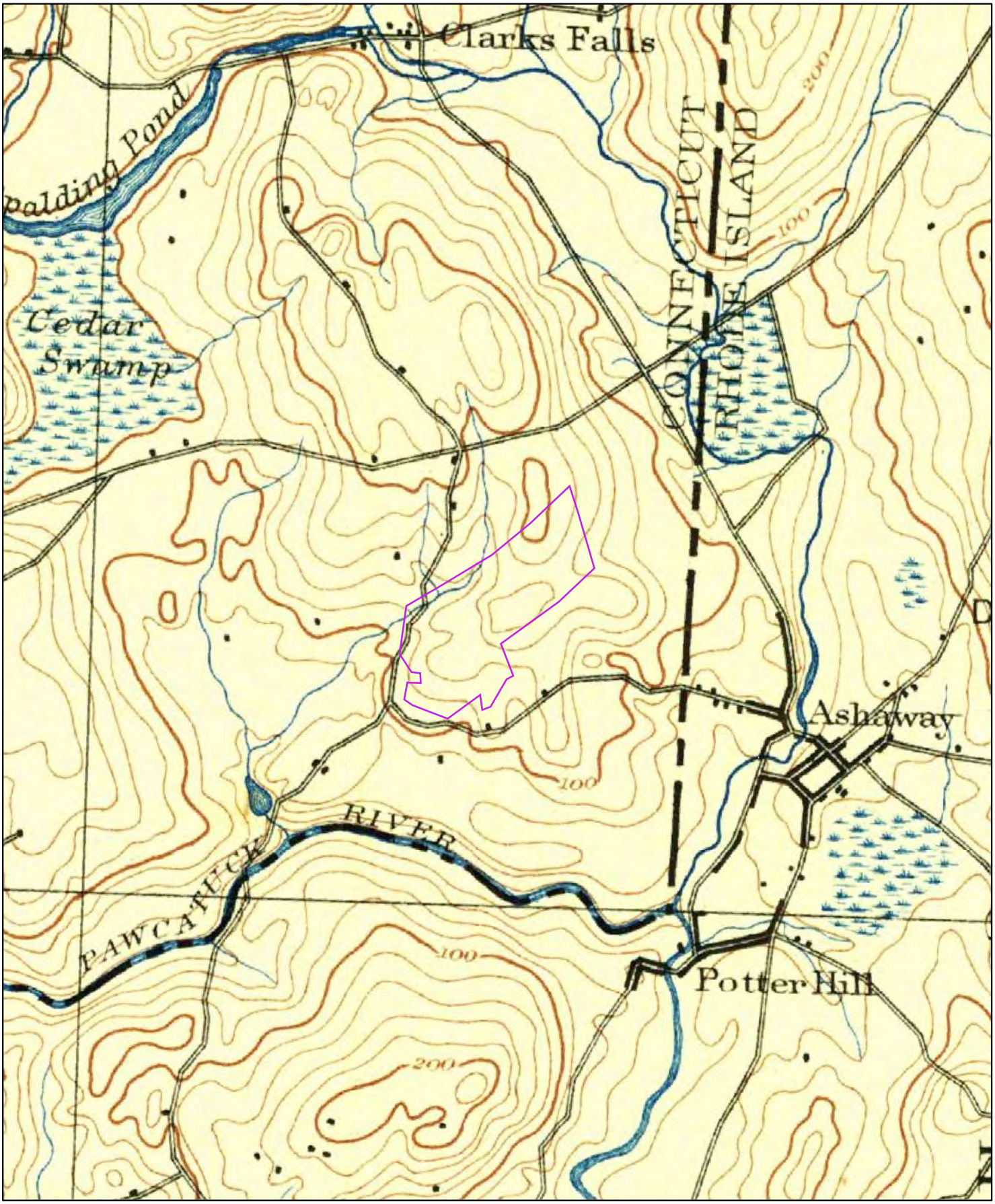
0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Stonington,CT

Source: USGS 15 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES



1889

0 0.2 0.4 0.8 Miles

Order No. 20190610093

Quadrangle(s): Stonington,CT

Source: USGS 15 Minute Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

APPENDIX E

List of Contaminated or Potentially Contaminated Sites

"Hazardous Waste Facilities" as defined by Section 22a-134f of the Connecticut General Statutes

TOWN OF: NORTH STONINGTON

Name	Address	Site Definition	Investigation Started	Remediation Started	Post Remedial Monitoring Started	Remediation Completed	ELUR	ELUR Type
A/z Corporation (technology Park)	Route 2 (2 Norwich Westerly Road)	Leaking Underground Storage Tanks – Pending						
Arlington Acres	151 Stephens Dr.	Leaking Underground Storage Tanks – Completed						
Campo	30 Mystic Rd	Leaking Underground Storage Tanks – Completed						
Cochran Residence	24 Meadowood Drive	Leaking Underground Storage Tanks – Pending						
Exxon Service Station #3-6457	270 Clarks Falls Road	Voluntary Remediation: CGS 22a.-133x Remediation Complete	4/27/2010			10/25/2010	NO	
Fisher Controls	Rte. 49	Leaking Underground Storage Tanks – Completed						
Fisher Controls International	95 Pendleton Hill Road	Property Transfer - Form IV Post Remedial Monitoring Started	7/6/2005	7/6/2005	7/6/2005		NO	
Gary Myers Residence	823 Pendleton Hill Rd.	Leaking Underground Storage Tanks – Completed						
Mashantucket Pequot Reservatio	123 Lake Of Isles Rd.	Leaking Underground Storage Tanks – Completed						
Mobil Food And Fuel	560 Providence New London Turnpike	Leaking Underground Storage Tanks – Rem. Started						
Monsanto / Fisher Controls (est)	Route 49 & Us 95	Property Transfer – Form III						
Monsanto / Fisher Controls (r/e)	Route 49 & Us 95	Property Transfer – Form III Investigation started	5/18/1999					
North Stonington Central Systems (hendel's Distribution)	Route 2 And Route 201 (kinridge Estates)	Leaking Underground Storage Tanks – Completed						
North Stonington Mobil	1 Mystic Road (route 2 And Mystic Road, 29 Main Street)	Leaking Underground Storage Tanks – Completed						
North Stonington Shell Service Station (former Motiva #136349)	324 Clarks Falls Road	Leaking Underground Storage Tanks – Completed						

List of Contaminated or Potentially Contaminated Sites

"Hazardous Waste Facilities" as defined by Section 22a-134f of the Connecticut General Statutes

TOWN OF: NORTH STONINGTON

Name	Address	Site Definition	Investigation Started	Remediation Started	Post Remedial Monitoring Started	Remediation Completed	ELUR	ELUR Type
North Stonington Xtra Mart	226 Norwich Westerly Road	Leaking Underground Storage Tanks – Completed						
R & R Truck Stop	273 Clarks Falls Road (route 184)	Leaking Underground Storage Tanks – Completed						
Republic Truck Stop/ Tinaco Truck Stop	276 Clarks Fall Rd.	Leaking Underground Storage Tanks – Pending						
Unknown	823 Tendleton Road	Leaking Underground Storage Tanks – Rem. Started						
Wes And Diane Seema (exxon Station # 6457)	270 Clarks Fall Road	Leaking Underground Storage Tanks – Completed						
White Property	148 Route 2	Leaking Underground Storage Tanks – Investigation						

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2012-01588
Staff Receiving Call: 201 BURKEY, RACHAEL Assigned To: 916 STAVOLA, ROSANNE
Date Reported: 04/02/2012 Time Reported: 16:13
Date of Release: 04/02/2012 Time of Release: UNKNOWN
Town of Release: STONINGTON State of Release: CT
Location of Reported Release: 233 BOOM BRIDGE ROAD
Reported By: BOB DANTE Phone: (908) 581-3170
Representing: VERIZON WIRELESS
Responsible Party: VERIZON WIRELESS Phone: (203) 915-6901
Street Address:
Town: State: Zip Code:
Does the Responsible Party Accept Financial Responsibility? YES
Release Type: PETROLEUM
Release Substance: DIESEL FUEL
Media: GROUND SURFACE
Total Quantity: 5 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds
Emergency Measures: 5x10 area
Has the Release Been Terminated?: YES
Type of Waterbody Affected:
Name of Waterbody Affected:
Total Quantity Recovered: 0 Total Quantity in Water: 0
Corrective Actions Taken: CONTRACTED CLEAN HARBORS FOR CLEAN UP

Discharge Class: COMMERCIAL
Cause of Incident: HOSE FAILURE RELEASED FROM HOSE WHEN FUELING GENE
Agencies Notified: DEP DISPATCH
Status: CLOSED

Connecticut Department Of Environmental Protection
Bureau of Materials Management & Compliance Assurance
Emergency Response and Spill Prevention Division – Emergency Response Unit
79 Elm Street
Hartford, CT 06106

1/15/2007

EMERGENCY INCIDENT FIELD REPORT

INCIDENT INFORMATION							
Case #:	**12-01588**	Date Reported:	**4/2/12**	Time Reported:	**1613**	Assigned By:	**935**
Reported by:	**Bob Dante**	Representing:	**Verizon Wireless**	Phone #(s)	**908-581-3170**		
Assigned to:	**916**	Additional ERC's On-scene:					

Location of Reported Release:			
Address:	**233 Boombridge Road**	Town, ST Zip	**North Stonington, CT**

Property Owner:			
Name 1:	**Verizon Wireless**		
Address:		Town, ST Zip	
Phone #(s):	**203-915-6901**	Contact Name:	**John Bova**

Did the release affect more than one property? If yes, complete next section:			
Name 2:	**N/A**		
Address:	**N/A**	Town, ST Zip	**N/A**
Phone #(s):	**N/A**	Contact Name:	**N/A**
Name 3:	**N/A**		
Address:	**N/A**	Town, ST Zip	**N/A**
Phone #(s):	**N/A**	Contact Name:	**N/A**

Responsible Party Information							
Is the Responsible Party Known?		**Yes**	If "No", explain in Narrative section of this report				
RP:	**Verizon Wireless**						
Address:			Town, ST Zip				
Phone #(s):	**203-915-6901**		Contact Name:	**John Bova**			
Financial Responsibility Accepted?		**Yes**	Date accepted:	**4/2/12**	Time Accepted:	**1613**	
Responsibility Accepted or Denied by Whom:			**Verizon Wireless**				

Release Information				
Release Substance:	**Diesel**			
Date of Release:	**Unknown**	Time of Release:	**Unknown**	
Release Status On Arrival:	Historic		On-going	
	Terminated	**X**	No Release	

	Other: (Explain)								
Quantity of Release:	5	Gallons	X	Pounds		Tons		Ounces	
		CuYd		Cu Feet		55 gal Drums		Containers	
		Other (explain)							

Media Affected:	Air		Ground Soil	X
	Ground Surface		Ground Water	
	Surface Water		Inside Structure	
	Contained to Container		Other (explain)	

Water Body Affected:	None	X	River		Pond	
	Brook/Stream		LIS		Catch Basin	
	Ground Water		Sanitary		Floor Drain	
	Drywell		Other Explain			

Name of Water Body Affected:	**N/A**

Product Recovery:	Total Quantity Recovered:	**3 yards soil removed**
	Total Quantity in Water Body:	**N/A**
	Quantity Recovered from Water Body:	**N/A**

FOSC Coordination

Is this an OPA-90 Case?	**No**	Is the Release Threatening or Impacting a Navigable Waterway?	**No**

Describe Nexus:	**N/A**

NRC Dispatcher	**N/A**	NRC #		Date:		Time:	

FOSC:	USEPA	**N/A**	Date:		Time:	
	USCG	**N/A**	Date:		Time:	

Federal Coordination indicating actions taken are consistent with the National Contingency Plan is attached:	Yes		No

Transportation Information

Transportation Incident? Y/N	**N**					
Type:		State	Registration		State	Registration
	Tractor			Trailer		
	Passenger Vehicle			Vessel		
	Straight Truck			Other, Explain		

VIN:				
Commercial Vehicle	ICC #:	**N/A**	MCC#:	**N/A**
	USDOT#:	**N/A**		

Vehicle Owner:			
Address:	**N/A**	Town, ST Zip	**N/A**
Phone #(s):	**N/A**	Contact Name:	**N/A**
Vehicle Operator:		Drivers License Number:	**N/A**
Address:	**N/A**	Town, ST Zip	**N/A**
Phone #(s):	**N/A**		

CSP Press Release Report Attached: Y/N	**N**	Trooper's Name & Badge #:	
If no, Explain:			

Environmental Clean-Up Contractor Information								
State Licensed Contractor Retained Y/N?	**Y**							
Name of Contractor Retained:	**Clean Harbors**							
Hired by Whom (Who actually called the contractor):	**Verizon Wireless**							
Date & Time Requested:	**4/2/12**			Date & Time Arrived:	**4/2/12**			
Mitigation Equipment	Sea / Sorbent Boom		Sorbent Pads		Sweeper			
	# of Vac Trucks		Speedy Dry		Level A			
	Boat		Hand Tools	X	Level B			
	Overpack/Drums	X	Roll-Off		Level C			
	Excavation Equipment		Other					

Agencies Involved And Reports Available						
Agencies Involved		On Scene	Report		On Scene	Report
	Local FD			Local FMO		
	Local PD			State FMO		
	CSP			FBI		
	Local Health			State Health		
	EPA			USCG		
	Consultant (Name)					
Other DEP employees on-scene (name & phone #):						

Evidence Available On This Incident						
Photographs of Scene? Y/N	**Y**	Taken by:	**916**	Submitted? Y/N	**Y**	
Video Tape of Scene? Y/N	**N**	Taken by:	**N/A**	Submitted? Y/N	**N**	
Sketch of Scene Submitted Y/N	**N**	Invoice Submitted Y/N	**N**	Map of Scene Submitted Y/N	**N**	
Samples	Samples Taken? Y/N	**Y**	Taken By:	**Clean Harbors**		
	Analytical Results Attached? Y/N	**Y**	Date Taken:	**4/3/12**		
	Laboratory Performing Analysis?		Chain Of Custody? Y/N	**Y**		
	Split Samples: Y/N	**N**	Spilt With Whom:	**N/A**		
	Analysis Required:	**ETPH**				

Cost Recovery Information							
Spill Fund Authorized? Y/N	**N**	Authorized by:	**N**	Date & Time:		Release Letter Received:	
Whom did you give the "RP Handout" to?	**N/A**						
Was there a witness? Y/N	**N/A**	If yes, Name & Phone # of Witness(s):	**N/A**				
Whom did you Fax the "RP Handout" to	**N/A**	Fax Transmission Submitted Y/N	**N**				
Explain any statements made by RP as to the assumption of responsibility:							
N/A							
Explain efforts by DEP to have RP perform clean up (include dates, times, DEP staff, party contacted, witness(s) if any):							
N/A							
Do you know of any violations, negligence, or intentional acts that may have contributed to this incident?	**N**	If yes, Explain:					
N/A							

ERU Internal Safety And Health Critique			
Were there any Safety &/or Health problems encountered during the response? Y/N	N	If yes, notify your Supervisor ASAP.	

Case Status Of Incident			
Case Open? Yes / No	No	Case Closed? Date Closed:	4/13/12
Case Referred?	No	If yes, to which program(s)?	
Date that the on-scene work completed:			4/13/12
Report Author:	Rosanne Stavola	Date:	5/4/12
Signature of Case Emergency Response Coordinator:	Rosanne Stavola		

FIELD REPORT NARRATIVE:

Initial Response:
On 4/2/12 Verizon Wireless reported a release of diesel fuel at 233 Boombridge Road in North Stonington. Clean Harbors was contracted to clean up.

Observations:
Verizon Wireless has a cell site and a generator building located behind 233 Boombridge Road in North Stonington. An oil stain was discovered beneath the fill for the generator. It is assumed that the release occurred during delivery.

Corrective Actions:
Clean Harbors excavated approximately 3 yards of impacted soil. Confirmation soil sample results were 45 ppm ETPH. The excavation was backfilled.

Photographs of the Above Incident

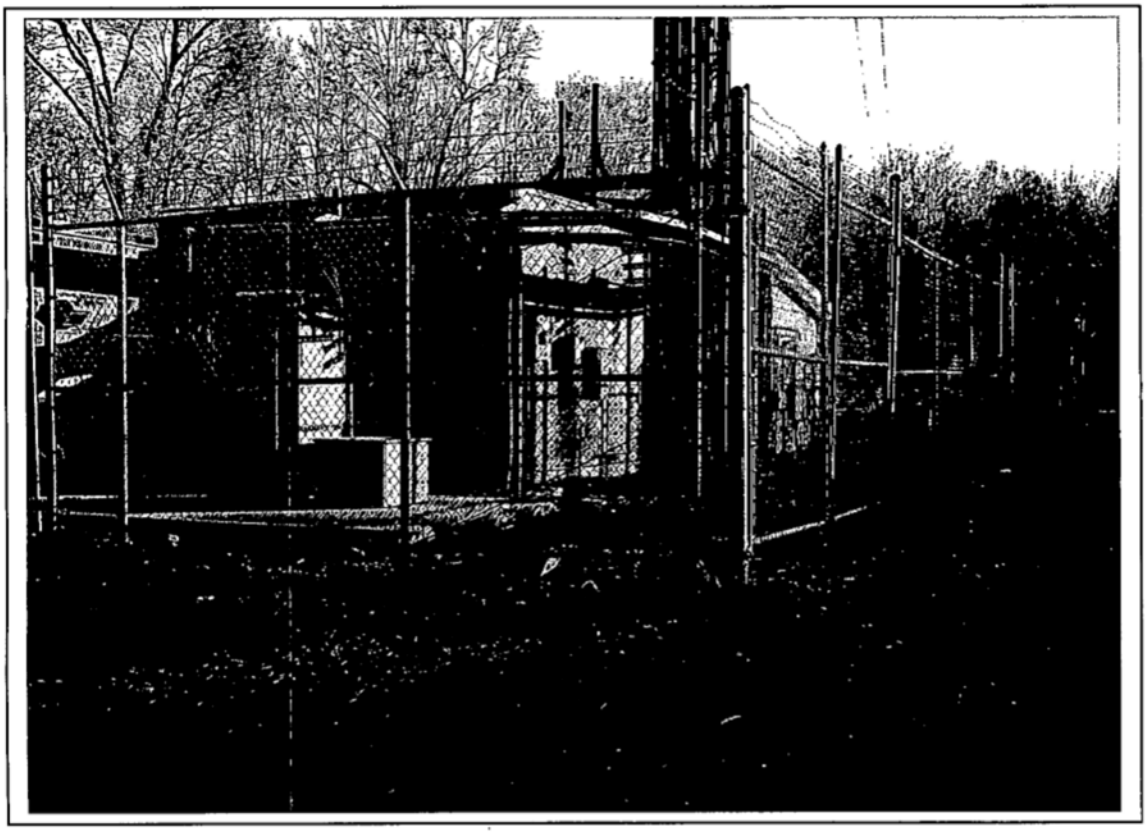


PHOTO 1 of 2

TAKEN BY: 916

DATE: 4/2/12

DESCRIPTION:
Verizon generator at cell site

Boombridge Rd
North Stonington

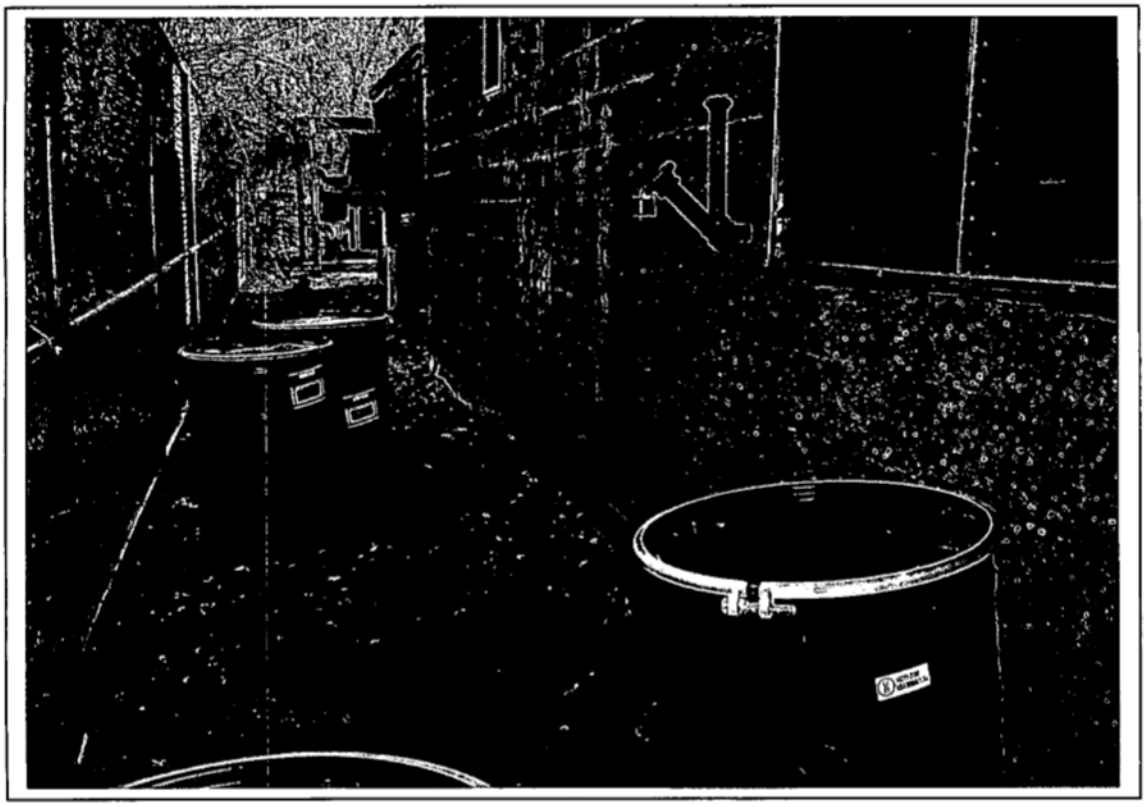


PHOTO: 2 of 2

TAKEN BY: 916

DATE: 4/2/12

DESCRIPTION:
Cell tower behind 233 Boombridge Rd
North Stonington

Diesel spilled at fill

PHOENIX
Environmental Laboratories, Inc.

Monday, April 23, 2012

Attn: Mr. Lane Belanger
Clean Harbors Analytical Svc.
761 Middle Street
Bristol, CT 06010

Project ID: VERIZON N. STONINGTON
Sample ID#s: BB73611

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

April 23, 2012

FOR: Attn: Mr. Lane Belanger
Clean Harbors Analytical Svc.
761 Middle Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/17/12	14:00
Location Code:	CLEANHAR	Received by:	LB	04/18/12	13:01
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBB73611
Phoenix ID: BB73611

Project ID: VERIZON N. STONINGTON
Client ID: 001 EXCAVATION

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	04/18/12		JL	E160.3
Extraction of CT ETPH	Completed			04/18/12		RS/F	3545
TPH by GC (Extractable Products)							
Ext. Petroleum HC	45	11	mg/Kg	04/19/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	04/19/12		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	69		%	04/19/12		JRB	50 - 150 %

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C10 to C24 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 23, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

April 23, 2012

QA/QC Data

SDG I.D.: GBB73611

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 198572, QC Sample No: BB73510 (BB73611)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum HC	ND	62	68	9.2	54	59	8.8	50 - 150	30	
% n-Pentacosane	58	62	65	4.7	56	112	66.7	50 - 150	30	r

r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 23, 2012

CleanHarbors
ENVIRONMENTAL SERVICES®

CHAIN OF CUSTODY RECORD PAGE 1 OF 1 23 N/C

☐ 1 Hill Avenue, Braintree, MA 02184 Tel. (781) 849-1800
☐ 2202 GenoaRed Bluff Road, Houston, TX 77034 Tel. (281) 478-7700
☐ RTE. 2, Box 170, Waynoka, OK 73860 Tel. (580) 697-3500
☐ 5295 S. Garvey Road, Westmorland, CA 92281 Tel. (760) 344-9400
☐ 12400 247th Avenue SE, Sawyer, ND 58781 Tel. (701) 624-5622
☒ Other

Client: Clean Harbors Project Name: Verizon-N. Stonington Work Order/P.O. #: CT424845 Date: 4/13/12

Report To: Ferry Centeno Address: 761 Middle St. Bristol CT Phone #: 860-583-8917

Sample I.D.	Sampling Information: Date	Time	Station Location	Sample Matrix	Analysis: EPH											# of con.	CHES Sample #
001	4/13/12	1400	Excavation	S	✓						8260 8260 (VOA)					1	- Composite Sample
											7196 II						

OFFICE COPY

Relinquished by Sampler: [signature] Date: 4/13/12 Time: 1700

Received by: Quadrise Date: 4/18/12 Time: 1301

Relinquished by Sampler: Date: Time:

Received by: Date: Time:

VOA Vial	✓
Glass Bottle	✓
Plastic Bottle	
Preservation	
Volume	

DOT Shipping Name:

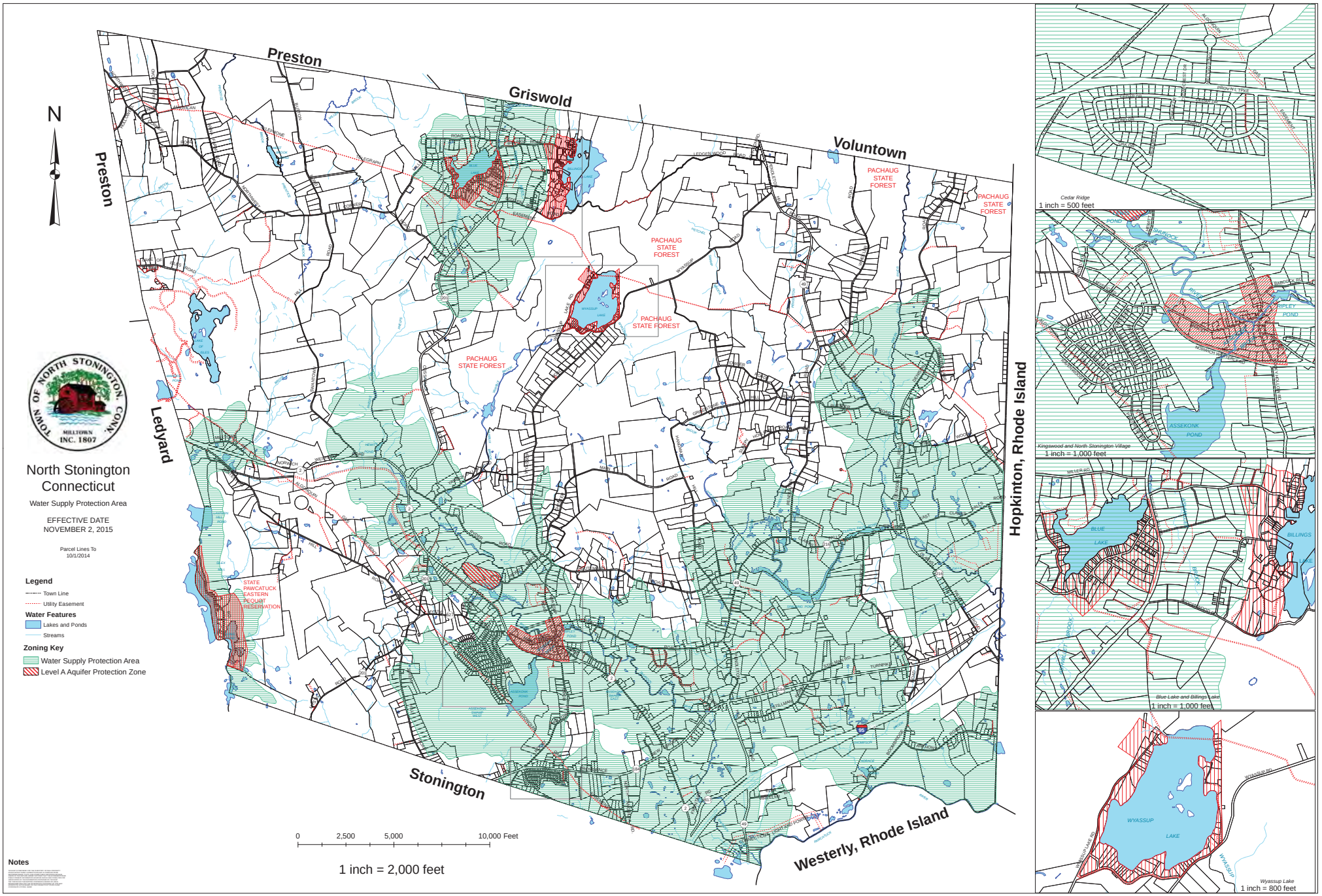
COMMENTS: (Fax Number, cautions, special instructions)

Standard laboratory turnaround time is 1 week from date of receipt. Accelerated turnaround may be assessed a surcharge.

Location of samples:

Turnaround: (24 Hrs.) 48 Hrs. 1 Week Other:

CH 119


Preston
Griswold
Voluntown
Preston
Ledyard
Hopkinton, Rhode Island
Stonington
Westerly, Rhode Island
PACHAUG STATE FOREST
PACHAUG STATE FOREST
PACHAUG STATE FOREST
PACHAUG STATE FOREST
STATE PAWCATUCK EASTERN PEQUOT PRESERVATION
N
TOWN OF NORTH STONINGTON, CONN. MILLTOWN INC. 1807
North Stonington
Connecticut
Water Supply Protection Area
EFFECTIVE DATE
NOVEMBER 2, 2015
Parcel Lines To
10/1/2014
Legend
Town Line
Utility Easement
Water Features
Lakes and Ponds
Streams
Zoning Key
Water Supply Protection Area
Level A Aquifer Protection Zone
0
2,500
5,000
10,000 Feet
1 inch = 2,000 feet
Notes
Cedar Ridge
1 inch = 500 feet
Kingswood and North Stonington Village
1 inch = 1,000 feet
Blue Lake and Billings Lake
1 inch = 1,000 feet
Wyassup Lake
1 inch = 800 feet


TURNPIKE
ROAD
BROOK
95
BOOMBRIDGE
ROAD
ANTHONY

APPENDIX F

O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

Photographs
Parcel 119-6313 and Parcel 119-0928
Broombridge Road
North Stonington, CT
June 13, 2019

Parcel 119-6313, looking northeast.

Parcel 119-6313, utility vaults and transformer.

Cell tower, looking west.

Parcel 119-6313, discarded tire, stockpiles, and asphalt millings.

Photographs
Parcel 119-6313 and Parcel 119-0928
Broombridge Road
North Stonington, CT
June 13, 2019

Parcel 119-6313, manure stockpile.

Parcel 119-0928, stained ground surface at former timber landing/loading area.

Parcel 119-0928, eastern Site boundary, looking south.

Parcel 119-0928, hunting stand.

Photographs
Parcel 119-6313 and Parcel 119-0928
Broombridge Road
North Stonington, CT
June 13, 2019

Parcel 119-6313, 55-gallon plastic open-top drum, empty with greasy residue. Original contents: Ciba UVITEX NFW-S LIQ. (fluorescent whitening agent).

Parcel 119-6313, 55-gallon steel closed-top drum, 1/3 full. Original contents: Chevron 1000 THF (hydraulic fluid).

Parcel 119-6313, 55-gallon steel closed-top drum, 1/3 full. Original contents: CAM2 MPT Torque Fluid TO-4 SAE 30 (off-road transmission fluid).

Parcel 119-6313, excavator bucket with a half dozen used heavy equipment fluid filters and discarded containers

O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

Project No. J1305-50-02
October 30, 2019

Phase II Environmental Site Assessment
Parcels 119-6313 & 119-0928
Boom Bridge Road
North Stonington, Connecticut

PREPARED FOR:

Vanasse Hangen Brustlin, Inc.
100 Great Meadow Road, Suite 200
Wethersfield, CT 06109-2377
Attn: Mr. Steve Kochis, P.E.

PREPARED BY:
O'Reilly, Talbot & Okun Associates, Inc.
PO Box 783
Storrs – Mansfield CT 06268

O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

J1305-50-02
October 30, 2019

Vanasse Hangen Brustlin Inc.
100 Great Meadow Road, Suite 200
Wethersfield, CT 06109-2377

Attn: Mr. Steve Kochis

Subject: Report of Phase II Environmental Site Assessment
233 Boom Bridge Road
North Stonington, Connecticut

Dear Mr. Kochis:

Attached is our Phase II Environmental Site Assessment (ESA) report for the above-referenced properties. Our ESA was performed in accordance with our scope of work dated September 9, 2019.

Should you have any questions regarding the report, please do not hesitate to call us at (860) 643-8606.

Very truly yours,
O'Reilly, Talbot & Okun Associates, Inc.

Paul Tanner, LEP
Associate, Hydrogeology

O:\J1300\1305 Vanasse Hangen Brustlin Inc\50-01 VHB ClFocus Solar NStonington Boom Bridge

1.0 INTRODUCTION

O'Reilly, Talbot & Okun Associates, Inc. (OTO) has conducted a Phase II Environmental Site Assessment (ESA) of the rear portion of parcels 119-6313 and 119-0928 off Boom Bridge Road in North Stonington, Connecticut (the "Site", see Figure 1). This work was performed at the request of Mr. Steve Kochis of Vanasse Hangen Brustlin Inc. (VHB) in general accordance with our scope of work dated September 9 2019 and is subject to the limitations presented in Appendix A.

1.1 PURPOSE

The purpose of our Phase II was to evaluate whether releases of oil or hazardous material were evident to soil at five areas identified in the OTO's Phase I report dated July 1, 2019. The Phase I report identified unknown soil conditions (former timber processing areas and suspect fill) at various areas of the Site as a Recognized Environmental Condition. A Site locus is provided as Figure 1. The five areas that were subject of this study are shown on Figure 2 and relate to historical features. The five areas on the undeveloped Site are subject of a potential solar energy development project, which covers an area smaller than the original Phase I study area.

1.2 SCOPE OF SERVICES

The following tasks were undertaken for this Phase II study:

- Notifying Digsafe prior to excavating backhoe test pits on the property;
- Observing and documenting the excavation of nine backhoe test pits by our subcontractor (Lombardi Gravel and Excavation, LLC) on October 10, 2019;
- Collecting soil samples for observation and screening. The headspace of soil samples were screened with a photoionization detector to assess whether organic vapors were present in the samples;
- Preparation of test pit logs;
- Selection of soil samples for extractable petroleum hydrocarbons testing;
- Placing soil samples on ice and transporting to Phoenix Laboratories (Manchester CT) under chain of custody procedures for testing;
- Review of test findings;
- Completion of this report.

2.0 FINDINGS

The findings are summarized below in terms of soil conditions and lab test results

Soil Conditions

Nine soil test pits locations (TP-1 through TP-9) are shown on Figure 2. Soils in the nine test pits are described on test boring logs in Appendix B. Soils consisted of between 6-inches to one foot of topsoil or fill, followed by native gold-brown sand to depths of 1.5 to 3 feet, followed by native grey sand, gravel, cobbles and boulders. The presence of cobbles and boulders prevented excavation past 3 feet in TP-7 and 5 feet in TP-8. Photographs of typical soil conditions are included in Appendix B.

Fill Materials

Obvious surface fill was found in the following test pits:

- TP-3 – six inches of black asphalt millings.
- TP-5 – one foot of surface organics, pit was excavated adjacent to a chicken manure pile.
- TP-6 – wood ashes were mixed in with the upper foot of topsoil, this pit was also excavated near the manure pile.
- TP-8 and TP-9 – weathered organics (wood chips), from past timber processing.

These fill materials, along with underlying soils were field-screened to assess for volatile organic compounds. The soil samples were placed in clean Ziploc bags and soil headspace was screened with a photoionization detector (PID). No detectable PID readings were observed.

Laboratory Testing Results

Five soil samples were selected for Extractable Total Petroleum Hydrocarbons testing. The test findings are summarized on Table 1 and the Phoenix Laboratory report is included in Appendix C. No hydrocarbons were detected.

3.0 CONCLUSIONS

We have performed a Phase II assessment of soil conditions at specific areas of parcels 119-6313 and 119-0928 off Boom Bridge Road in North Stonington, Connecticut.

The backhoe test pits were completed at five areas of unknown soil conditions identified in the OTO's Phase I report dated July 1, 2019. The purpose of our

Phase II was to evaluate whether releases of oil or hazardous material were evident to soil.

Based on our observations, surface fill material was found in four test pits. The fill materials consisted a top veneer of asphalt millings, wood ash, and organics with fill thickness of one foot or less. These fill materials did not exhibit odors, staining or detectable PID soil headspace readings. Testing of soils immediately below these fill materials did not exhibit detections of petroleum hydrocarbons.

On the basis of our test pit observations, fill materials were localized and limited in thickness to the upper foot of soil. The subsurface materials encountered do not signify a past hydrocarbon "release" to soil. On the basis of our observations and test findings, no special soil handing protocols are recommended for future construction at the Site. No further testing is recommended.

TABLES

Table 1 – Soil Analytical Results

FIGURES

Figure 1 – Site Locus
Figure 2 – Site Map

APPENDICES

Appendix A Limitations
Appendix B Test Pit Logs and Photographs
Appendix C Laboratory Test Results - Soil

Table 1
Summary of Soil Analytical Results
Parcels 119-6313 and 119-0928 Boombridge Road
North Stonington CT

Test Pit		TP-1	TP-3	TP-5	TP-7	TP-8	Remediation Standard Regulations Criteria		
Sample Depth		(2.5')	(4-5')	(2.5-3.5')	(1.5-3')	(0-1')			
Date Collected		10/10/19	10/10/19	10/10/19	10/10/19	10/10/19	**GA PMC**	**I/C DEC**	**RES DEC**
Extractable Total Petroleum Hydrocarbons By 8015D									
Ext. Petroleum HC	mg/Kg	ND	ND	ND	ND	ND	500	2,500	500

NOTES:

1. Concentrations in milligrams per kilogram (mg/kg, or parts per million), micrograms per kilogram (ug/Kg, or parts per billion) on a dry weight basis. ND = NOT DETECTED
2. Remediation Standard Regulations Criteria published by the State of Connecticut Department of Energy and Environmental Protection (CTDEEP) in Sections 22a-133k-1 through 22a-133k-3, effective June 27, 2013.

GA PMC = GA Pollutant Mobility Criteria. Does not apply to samples collected below the seasonal low groundwater table.

I/C DEC = Industrial Commercial Direct Exposure Criteria.

Res. DEC = Residential Direct Exposure Criteria

Appendix A

Limitations

LIMITATIONS

1. The observations presented in this report were made under the conditions described herein. The conclusions presented in this report were based solely upon the services described in the report and not on scientific tasks or procedures beyond the scope of the project or the time and budgetary constraints imposed by the client.

2. In preparing the report, O'Reilly, Talbot, Okun & Associates, Inc. relied on certain information provided by state and local officials and other parties referenced herein, and on information contained in the files of state or local regulatory agencies. Although there may have been some degree of overlap in the information provided by these sources, O'Reilly, Talbot, Okun & Associates, Inc. did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this assessment.

3. Observations were made of the site and of the structures on the Site as indicated within the report. Where access to portions of the site or to structures on the site was unavailable or limited, we render no opinion as to the presence or hazardous materials or oil, or to the presence of indirect information relating to hazardous materials or oil in that portion of the site. In addition, we render no opinion as to the presence of hazardous materials or oil, where direct observations of portions of the Site where obstructed by objects or coverings on or over these surfaces.

4. Unless otherwise specified in the Report, we did not perform testing or analyses to determine the presence or concentration or concentration of asbestos or PCBs (polychlorinated biphenyls) at the Site or in the environment at the Site.

5. The purpose of this Report was to identify potential areas of concern where released of oil and/or hazardous material may have occurred to in soil or groundwater at the Site. No specific attempt was made to check on the compliance of present or past owners or operators of the Site with federal, state, or local laws and regulations, environmental or otherwise.

6. Risk assessment was performed in accordance with generally accepted practices of government agencies and other consultants conducting similar characterizations. The findings of the risk characterization are dependent on numerous assumptions and uncertainties inherent in the risk assessment process. Therefore, the findings of the risk assessment should not be interpreted as an absolute characterization of actual risks, but as general indicators highlighting potential sources of risk at the site. Although the range of uncertainty in the risk characterization has not (and cannot) be quantified, the use of conservative assumptions throughout the process would be expected to err on the side of protection of human health and the environment.

7. Cost estimates may have been developed for remedial actions considered potentially applicable at the Site. These estimates are preliminary and were developed for the purpose of comparing alternative response actions. They are based upon published information, discussions with remediation contractors and our experience at other sites. Actual cost will vary.

8. Our report was prepared for the exclusive benefit of VHB and their client Greenskies Renewable Energy. The report and its conclusions are not extended to third parties or future property owners.

Appendix B

Test Pit Logs

And

Site Photographs

O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

LOG OF TEST PIT TP-1

PROJECT	GRE Solar - North Stonington VHB Project 42517.1			CONTRACTOR	Lombardi Excavating
JOB NO.	OTO Job 1305-50-02	DATE	10/10/2019	OPERATOR	Edward L. Coons
LOCATION	227 Boombridge Road, Stonington, Ct.	WEATHER	Cloudy and Windy, 50˚F	BACKHOE	Cat 430 D
TEST PIT LOCATION	15 ft. South of Access Road at Curve, 400 ft. Southwest of Cell Tower	START TIME	9:30 A.M.	CAPACITY (cy)	1
		FINISH TIME	9:45 A.M.	GS ELEV. (ft)	--
		OTO STAFF	Paul Tanner	FINAL DEPTH (ft)	4 ft.

DEPTH (ft)	SOIL DESCRIPTION	EXCAV. EFFORT	BOULDERS/ COBBLES COUNT	BOULDERS/ COBBLES SIZE	REMARKS
	0-9": Dark Brown (TOPSOIL)				NATIVE SAND
	9"-1.5': Gold-brown, fine SAND, little silt, trace fine gravel	E	**0**	0	1
	1.5'-4': Grey-brown, fine SAND, trace silt, little fine gravel,				ND
5'	End of Exploration at 4'				
10'					
15'					
20'					

TEST PIT PLAN

7' × 12'

N

EXCAVATION EFFORT

Easy	E
Moderate	M
Difficult	D
Very Difficult	V

BOULDER/COBBLE CLASS

Type	Size
Cobble	3" - 6"
Small	6" - 18"
Medium	18" - 36"
Large	36" and Larger

PROPORTIONS USED

Term	Relative Quantity
and	35% - 50%
some	20% - 35%
little	10% - 20%
trace	10% or less

GROUNDWATER CONDITIONS

GW Depth (ft):

GW Elevation (ft):

Elapsed Time (min):

Remarks:

1. Soil headspace screened with Thermo 580B Photoionization detector; ND = Not Detected
2. At 2.5 feet, soil sample submitted for ETPH Testing

PROJECT NO.

OTO Job 1305-50-02

LOG OF TEST PIT

TP-1

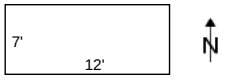
O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

LOG OF TEST PIT TP-2

PROJECT	GRE Solar - North Stonington VHB Project 42517.1			CONTRACTOR	Lombardi Excavating
JOB NO.	OTO Job 1305-50-02	DATE	10/10/2019	OPERATOR	Edward L. Coons
LOCATION	227 Boombridge Road, Stonington, Ct.	WEATHER	Cloudy and Windy, 50˚F	BACKHOE	Cat 430 D
TEST PIT LOCATION	30 ft South of TP-1 in Flat Plateau in thicket , South of Road	START TIME	9:45 A.M.	CAPACITY (cy)	1
		FINISH TIME	10:00 A.M.	GS ELEV. (ft)	--
		OTO STAFF	Paul Tanner	FINAL DEPTH (ft)	4 ft.

DEPTH (ft)	SOIL DESCRIPTION	EXCAV. EFFORT	BOULDERS/ COBBLES COUNT	BOULDERS/ COBBLES SIZE	REMARKS
	0-8": Dark Brown (TOPSOIL)				NATIVE SAND
	8"-2': Gold-brown, fine SAND, little silt, little fine to coarse gravel, trace cobbles	E	**3**	6"	1. PID
	2'-4': Light grey-brown, fine SAND, trace silt, trace fine gravel				4' ND
5'	End of Exploration at 4'				
10'					
15'					
20'					

TEST PIT PLAN



EXCAVATION EFFORT

Easy	.....E
Moderate	.....M
Difficult	.....D
Very Difficult	V

BOULDER/COBBLE CLASS

Type	Size
Cobble	3" - 6"
Small	6" - 18"
Medium	18" - 36"
Large	36" and Larger

PROPORTIONS USED

Term	Relative Quantity
and	35% - 50%
some	20% - 35%
little	10% - 20%
trace	10% or less

GROUNDWATER CONDITIONS

GW Depth (ft):

GW Elevation (ft):

Elapsed Time (min):

Remarks:

1. Soil headspace screened with Thermo 580B Photoionization detector; ND = Not Detected

PROJECT NO.

OTO Job 1305-50-02

LOG OF TEST PIT

TP-2

O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

LOG OF TEST PIT TP-3

PROJECT	GRE Solar - North Stonington VHB Project 42517.1			CONTRACTOR	Lombardi Excavating
JOB NO.	OTO Job 1305-50-02	DATE	10/10/2019	OPERATOR	Edward L. Coons
LOCATION	227 Boombridge Road, Stonington, Ct.	WEATHER	Cloudy and Windy, 50˚F	BACKHOE	Cat 430 D
TEST PIT LOCATION	15 ft South of Access Road, at Foot of Cobble/Boulder Pile, 200 ft Southwest of Cell Tower	START TIME	10:00 A.M.	CAPACITY (cy)	1
		FINISH TIME	10:20 A.M.	GS ELEV. (ft)	--
		OTO STAFF	Paul Tanner	FINAL DEPTH (ft)	5 ft.

DEPTH (ft)	SOIL DESCRIPTION	EXCAV. EFFORT	BOULDERS/ COBBLES		REMARKS
			COUNT	SIZE	
	0-6": Black, ashpalt millings 6"-1': Dark Brown (TOPSOIL) 1'-3': Golden brown, fine SAND, trace silt, trace fine to coarse gravel	E	**2**	6"	6" FILL NATIVE SOIL 1. ND
	3'-5': Grey, fine SAND, trace silt, trace fine to coarse gravel, trace (-) cobbles				
5'	End of Exploration at 5'				
10'					
15'					
20'					

TEST PIT PLAN

7' × 12'

N

EXCAVATION EFFORT

Easy	.....E
Moderate	.....M
Difficult	.....D
Very Difficult	V

BOULDER/COBBLE CLASS

Type	Size
Cobble	3" - 6"
Small	6" - 18"
Medium	18" - 36"
Large	36" and Larger

PROPORTIONS USED

Term	Relative Quantity
and	35% - 50%
some	20% - 35%
little	10% - 20%
trace	10% or less

GROUNDWATER CONDITIONS

GW Depth (ft):

GW Elevation (ft):

Elapsed Time (min):

Remarks:

1. Soil headspace screened with Thermo 580B Photoionization detector; ND= Not Detected
2. Submitted 4 to 5 feet material for ETPH Lab Testing

PROJECT NO.

OTO Job 1305-50-02

LOG OF TEST PIT

TP-3

O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

LOG OF TEST PIT TP-4

PROJECT	GRE Solar - North Stonington VHB Project 42517.1			CONTRACTOR	Lombardi Excavating
JOB NO.	OTO Job 1305-50-02	DATE	10/10/2019	OPERATOR	Edward L. Coons
LOCATION	227 Boombridge Road, Stonington, Ct.	WEATHER	Cloudy and Windy, 50˚F	BACKHOE	Cat 430 D
TEST PIT LOCATION	50 ft Southwest of TP-3 at Base of Cobble Pile	START TIME	10:20 A.M.	CAPACITY (cy)	1
		FINISH TIME	10:35 A.M.	GS ELEV. (ft)	--
		OTO STAFF	Paul Tanner	FINAL DEPTH (ft)	5 ft.

DEPTH (ft)	SOIL DESCRIPTION	EXCAV. EFFORT	BOULDERS/ COBBLES COUNT	BOULDERS/ COBBLES SIZE	REMARKS
	0-1': Light brown to dark brown (TOPSOIL)				NATIVE SAND
	1'-3': Golden brown, fine SAND, trace (-) silt, trace fine to coarse gravel	E	**0**	--	1. ND
	3'-5': Grey-brown, fine SAND, trace (-) silt				
5'	End of Exploration at 5'				
10'					
15'					
20'					

TEST PIT PLAN

7' × 12'

N

EXCAVATION EFFORT

Easy	E
Moderate	M
Difficult	D
Very Difficult	V

BOULDER/COBBLE CLASS

Type	Size
Cobble	3" - 6"
Small	6" - 18"
Medium	18" - 36"
Large	36" and Larger

PROPORTIONS USED

Term	Relative Quantity
and	35% - 50%
some	20% - 35%
little	10% - 20%
trace	10% or less

GROUNDWATER CONDITIONS

GW Depth (ft):

GW Elevation (ft):

Elapsed Time (min):

Remarks:

1. Soil headspace screened with Thermo 580B Photoionization detector; ND= Not Detected

PROJECT NO.

OTO Job 1305-50-02

LOG OF TEST PIT

TP-4

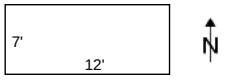
O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

LOG OF TEST PIT TP-5

PROJECT	GRE Solar - North Stonington VHB Project 42517.1			CONTRACTOR	Lombardi Excavating
JOB NO.	OTO Job 1305-50-02	DATE	10/10/2019	OPERATOR	Edward L. Coons
LOCATION	227 Boombridge Road, Stonington, Ct.	WEATHER	Cloudy and Windy, 50˚F	BACKHOE	Cat 430 D
TEST PIT LOCATION	At Toe of Chicken Manure Pile, ~500 ft Northeast of Cell Tower	START TIME	10:40 A.M.	CAPACITY (cy)	1
		FINISH TIME	11:00 A.M.	GS ELEV. (ft)	--
		OTO STAFF	Paul Tanner	FINAL DEPTH (ft)	5 ft.

DEPTH (ft)	SOIL DESCRIPTION	EXCAV. EFFORT	BOULDERS/ COBBLES COUNT	BOULDERS/ COBBLES SIZE	REMARKS
	0-1': Mottled dark brown to grey (ORGANICS)				NATIVE SAND
	1'-3': Mottled gold-brown to grey, fine SAND, trace silt, trace fine to coarse gravel, trace cobbles	E	**1**	5"	1. ND
	3'-5': Grey, fine SAND, little to some gravel and cobbles	D	**3**	6" to 8"	
5'	End of Exploration at 5'				
10'					
15'					
20'					

TEST PIT PLAN



EXCAVATION EFFORT

Easy	E
Moderate	M
Difficult	D
Very Difficult	V

BOULDER/COBBLE CLASS

Type	Size
Cobble	3" - 6"
Small	6" - 18"
Medium	18" - 36"
Large	36" and Larger

PROPORTIONS USED

Term	Relative Quantity
and	35% - 50%
some	20% - 35%
little	10% - 20%
trace	10% or less

GROUNDWATER CONDITIONS

GW Depth (ft):

GW Elevation (ft):

Elapsed Time (min):

Remarks:

1. Soil headspace screened with Thermo 580B Photoionization detector; ND= Not Detected
2. Collected TP-5 sample at 2.5-3.5 feet for ETPH Analysis

PROJECT NO.

OTO Job 1305-50-02

LOG OF TEST PIT

TP-5

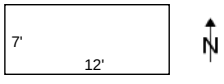
O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

LOG OF TEST PIT TP-6

PROJECT	GRE Solar - North Stonington VHB Project 42517.1			CONTRACTOR	Lombardi Excavating
JOB NO.	OTO Job 1305-50-02	DATE	10/10/2019	OPERATOR	Edward L. Coons
LOCATION	227 Boombridge Road, Stonington, Ct.	WEATHER	Cloudy and Windy, 50˚F	BACKHOE	Cat 430 D
TEST PIT LOCATION	50 ft Southeast of TP-5 at Top of Chicken Manure Pile, Northeast of Cell Tower	START TIME	11:00 A.M.	CAPACITY (cy)	1
		FINISH TIME	11:10 A.M.	GS ELEV. (ft)	--
		OTO STAFF	Paul Tanner	FINAL DEPTH (ft)	5.5 ft.

DEPTH (ft)	SOIL DESCRIPTION	EXCAV. EFFORT	BOULDERS/ COBBLES COUNT	BOULDERS/ COBBLES SIZE	REMARKS
	0-1': Dark brown, Topsoil mixed with pockets of black wood ash				
	1'-2.5': Gold-brown, fine SAND, little silt, trace fine to coarse gravel	E			PID ND
5'	2.5'-5.5': Grey, fine SAND, trace (-) silt, trace fine to coarse gravel, trace (-) cobble	D	**3**	4-8"	
	End of Exploration at 5.5'				
10'					
15'					
20'					

TEST PIT PLAN



EXCAVATION EFFORT

Easy	E
Moderate	M
Difficult	D
Very Difficult	V

BOULDER/COBBLE CLASS

Type	Size
Cobble	3" - 6"
Small	6" - 18"
Medium	18" - 36"
Large	36" and Larger

PROPORTIONS USED

Term	Relative Quantity
and	35% - 50%
some	20% - 35%
little	10% - 20%
trace	10% or less

GROUNDWATER CONDITIONS

GW Depth (ft):

GW Elevation (ft):

Elapsed Time (min):

Remarks:

1. Soil headspace screened with Thermo 580B Photoionization detector; ND= Not Detected

PROJECT NO.

OTO Job 1305-50-02

LOG OF TEST PIT

TP-6

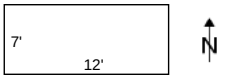
O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

LOG OF TEST PIT TP-7

PROJECT	GRE Solar - North Stonington VHB Project 42517.1			CONTRACTOR	Lombardi Excavating
JOB NO.	OTO Job 1305-50-02	DATE	10/10/2019	OPERATOR	Edward L. Coons
LOCATION	227 Boombridge Road, Stonington, Ct.	WEATHER	Heavy Rain, 50˚F	BACKHOE	Cat 430 D
TEST PIT LOCATION	In Filled Area, 20 ft Uphill of …. To Stream Valley, ~300 ft North of ….	START TIME	11:15 A.M.	CAPACITY (cy)	1
		FINISH TIME	11:45 A.M.	GS ELEV. (ft)	--
		OTO STAFF	Paul Tanner	FINAL DEPTH (ft)	3ft.

DEPTH (ft)	SOIL DESCRIPTION	EXCAV. EFFORT	BOULDERS/ COBBLES COUNT	BOULDERS/ COBBLES SIZE	REMARKS
	0-6": (TOPSOIL)	E			NATIVE SOIL
	6" to 1.5 ft. Gold brown fine SAND, some fine gravel, little cobbles.				
	1.5'-3': Gold-brown Fine SAND, Little Cobbles, little boulders, little fine to coarse gravel	D	**3**	6"-12"	PID, ND
	Very difficult digging, backhoe refusal at 3 ft.				
	End of Exploration at 3'				
5'					
10'					
15'					
20'					

TEST PIT PLAN



EXCAVATION EFFORT

Easy	E
Moderate	M
Difficult	D
Very Difficult	V

BOULDER/COBBLE CLASS

Type	Size
Cobble	3" - 6"
Small	6" - 18"
Medium	18" - 36"
Large	36" and Larger

PROPORTIONS USED

Term	Relative Quantity
and	35% - 50%
some	20% - 35%
little	10% - 20%
trace	10% or less

GROUNDWATER CONDITIONS

GW Depth (ft):

GW Elevation (ft):

Elapsed Time (min):

Remarks:

1. Soil headspace screened with Thermo 580B Photoionization detector; ND= Not Detected
2. Submitted soil sample 1.5-3' for ETPH Lab Testing

PROJECT NO.

OTO Job 1305-50-02

LOG OF TEST PIT

TP-7

O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

LOG OF TEST PIT TP-8

PROJECT	GRE Solar - North Stonington VHB Project 42517.1			CONTRACTOR	Lombardi Excavating
JOB NO.	OTO Job 1305-50-02	DATE	10/10/2019	OPERATOR	Edward L. Coons
LOCATION	227 Boombridge Road, Stonington, Ct.	WEATHER	Heavy Rain, 50˚F	BACKHOE	Cat 430 D
TEST PIT LOCATION	Just North of Access Road at…, 5 ft from Area of Stained Ground Surface, Former Timber Loading Area	START TIME	12:45 P.M.	CAPACITY (cy)	1
		FINISH TIME	1:00 P.M.	GS ELEV. (ft)	--
		OTO STAFF	Paul Tanner	FINAL DEPTH (ft)	5 ft.

DEPTH (ft)	SOIL DESCRIPTION	EXCAV. EFFORT	BOULDERS/ COBBLES COUNT	BOULDERS/ COBBLES SIZE	REMARKS
	0-6": Black wood chips (ORGANICS)				WOOD CHIP FILL
	6"-1': Dark brown (TOPSOIL)				NATIVE SOIL
	1'-3': Mottled gold-brown to grey-brown, fine SAND, trace silt, trace fine gravel	E			1. ND
	3'-5': Grey, fine SAND, little fine gravel, trace cobbles	D	**3**	4"-6"	
5'	End of Exploration at 5'				
10'					
15'					
20'					

TEST PIT PLAN

7' × 12'

N

EXCAVATION EFFORT

Easy	E
Moderate	M
Difficult	D
Very Difficult	V

BOULDER/COBBLE CLASS

Type	Size
Cobble	3" - 6"
Small	6" - 18"
Medium	18" - 36"
Large	36" and Larger

PROPORTIONS USED

Term	Relative Quantity
and	35% - 50%
some	20% - 35%
little	10% - 20%
trace	10% or less

GROUNDWATER CONDITIONS

GW Depth (ft):

GW Elevation (ft):

Elapsed Time (min):

Remarks:

1. Soil headspace screened with Thermo 580B Photoionization detector; ND= Not Detected
2. Submitted 0-1 ft soil sample for ETPH Analysis

PROJECT NO.

OTO Job 1305-50-02

LOG OF TEST PIT

TP-8

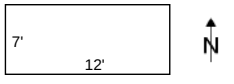
O'Reilly, Talbot & Okun
ENGINEERING ASSOCIATES

LOG OF TEST PIT TP-9

PROJECT	GRE Solar - North Stonington VHB Project 42517.1			CONTRACTOR	Lombardi Excavating
JOB NO.	OTO Job 1305-50-02	DATE	10/10/2019	OPERATOR	Edward L. Coons
LOCATION	227 Boombridge Road, Stonington, Ct.	WEATHER	Rain, 50˚F	BACKHOE	Cat 430 D
TEST PIT LOCATION	In Wooded Area, Wood processing Area 5, ~70 ft Northeast of TP-8	START TIME	1:20 P.M.	CAPACITY (cy)	1
		FINISH TIME	1:40 P.M.	GS ELEV. (ft)	--
		OTO STAFF	Paul Tanner	FINAL DEPTH (ft)	6 ft.

DEPTH (ft)	SOIL DESCRIPTION	EXCAV. EFFORT	BOULDERS/ COBBLES COUNT	BOULDERS/ COBBLES SIZE	REMARKS
	0-5": Black Wood Chips (DECOMPOSED)				FILL
	5"-1.5': Golden brown, fine SAND, little silt, trace fine gravel	E	**0**	--	NATIVE SAND
	1.5'-6': Grey-brown, fine SAND, trace silt, trace to little fine gravel				
	3'-5': Grey-brown, fine SAND, trace (-) silt	E			PID, ND
5'					
	End of Exploration at 6'				
10'					
15'					
20'					

TEST PIT PLAN



EXCAVATION EFFORT

Easy	E
Moderate	M
Difficult	D
Very Difficult	V

BOULDER/COBBLE CLASS

Type	Size
Cobble	3" - 6"
Small	6" - 18"
Medium	18" - 36"
Large	36" and Larger

PROPORTIONS USED

Term	Relative Quantity
and	35% - 50%
some	20% - 35%
little	10% - 20%
trace	10% or less

GROUNDWATER CONDITIONS

GW Depth (ft):

GW Elevation (ft):

Elapsed Time (min):

Remarks:

1. Soil headspace screened with Thermo 580B Photoionization detector; ND= Not Detected

PROJECT NO.

OTO Job 1305-50-02

LOG OF TEST PIT

TP-9

Site Photographs
Oct 10, 2019

Test Pit 2, looking west.

Test Pit 3, showing surface veneer of asphalt millings.

Typical soils encountered at the Site.

Test pit 5 with thin top layer of organics.

Test pit 8 showing top layer of dark decomposed wood chips.

Appendix C

Soil Laboratory Test Results

PHOENIX
Environmental Laboratories, Inc.

Wednesday, October 16, 2019

Attn: Mr. Paul Tanner
O'Reilly Talbot & Okun
945 Main Street, Suite 309
Manchester, CT 06040

Project ID: 227 BOOMBRIDGE
SDG ID: GCE39838
Sample ID#s: CE39838 - CE39842

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Sample Id Cross Reference

October 16, 2019

SDG I.D.: GCE39838

Project ID: 227 BOOMBRIDGE

Client Id	Lab Id	Matrix
TP-1 2.5`	CE39838	SOIL
TP-3 4-5`	CE39839	SOIL
TP-5 2.5-3.5`	CE39840	SOIL
TP-7 1.5-3`	CE39841	SOIL
TP-8 0-1`	CE39842	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 16, 2019

FOR: Attn: Mr. Paul Tanner
O'Reilly Talbot & Okun
945 Main Street, Suite 309
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	PT	10/10/19	9:45
Location Code:	OREILYCT	Received by:	LB	10/11/19	13:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	1305-50-02				

Laboratory Data

SDG ID: GCE39838
Phoenix ID: CE39838

Project ID: 227 BOOMBRIDGE
Client ID: TP-1 2.5`

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		10/11/19	VT	SW846-%Solid
Extraction of CT ETPH	Completed				10/11/19	GG/UL	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	53	mg/Kg	1	10/12/19	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/12/19	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	76		%	1	10/12/19	JRB	50 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 16, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 16, 2019

FOR: Attn: Mr. Paul Tanner
O'Reilly Talbot & Okun
945 Main Street, Suite 309
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	PT	10/10/19	10:20
Location Code:	OREILYCT	Received by:	LB	10/11/19	13:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	1305-50-02				

Laboratory Data

SDG ID: GCE39838
Phoenix ID: CE39839

Project ID: 227 BOOMBRIDGE
Client ID: TP-3 4-5`

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	97		%		10/11/19	VT	SW846-%Solid
Extraction of CT ETPH	Completed				10/11/19	GG/UL	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	51	mg/Kg	1	10/12/19	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/12/19	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	84		%	1	10/12/19	JRB	50 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 16, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 16, 2019

FOR: Attn: Mr. Paul Tanner
O'Reilly Talbot & Okun
945 Main Street, Suite 309
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	PT	10/10/19	11:00
Location Code:	OREILYCT	Received by:	LB	10/11/19	13:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	1305-50-02				

Laboratory Data

SDG ID: GCE39838
Phoenix ID: CE39840

Project ID: 227 BOOMBRIDGE
Client ID: TP-5 2.5-3.5`

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	96		%		10/11/19	VT	SW846-%Solid
Extraction of CT ETPH	Completed				10/11/19	GG/UL	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	52	mg/Kg	1	10/12/19	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/12/19	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	64		%	1	10/12/19	JRB	50 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 16, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 16, 2019

FOR: Attn: Mr. Paul Tanner
O'Reilly Talbot & Okun
945 Main Street, Suite 309
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	PT	10/10/19	11:45
Location Code:	OREILYCT	Received by:	LB	10/11/19	13:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	1305-50-02				

Laboratory Data

SDG ID: GCE39838
Phoenix ID: CE39841

Project ID: 227 BOOMBRIDGE
Client ID: TP-7 1.5-3`

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84		%		10/11/19	VT	SW846-%Solid
Extraction of CT ETPH	Completed				10/11/19	GG/UL	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	59	mg/Kg	1	10/12/19	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/12/19	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	84		%	1	10/12/19	JRB	50 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 16, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

October 16, 2019

FOR: Attn: Mr. Paul Tanner
O'Reilly Talbot & Okun
945 Main Street, Suite 309
Manchester, CT 06040

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:	PT	10/10/19	13:20
Location Code:	OREILYCT	Received by:	LB	10/11/19	13:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	1305-50-02				

Laboratory Data

SDG ID: GCE39838
Phoenix ID: CE39842

Project ID: 227 BOOMBRIDGE
Client ID: TP-8 0-1`

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	84		%		10/11/19	VT	SW846-%Solid
Extraction of CT ETPH	Completed				10/11/19	GG/UL	SW3545A
TPH by GC (Extractable Products)							
Ext. Petroleum H.C. (C9-C36)	ND	58	mg/Kg	1	10/12/19	JRB	CTETPH 8015D
Identification	ND		mg/Kg	1	10/12/19	JRB	CTETPH 8015D
QA/QC Surrogates							
% n-Pentacosane	72		%	1	10/12/19	JRB	50 - 150 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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Phyllis Shiller, Laboratory Director
October 16, 2019
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

October 16, 2019

QA/QC Data

SDG I.D.: GCE39838

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 501335 (mg/Kg), QC Sample No: CE39839 (CE39838, CE39839, CE39840, CE39841, CE39842)										
TPH by GC (Extractable Products) - Soil										
Ext. Petroleum H.C. (C9-C36)	ND	50	80	92	14.0	97	99	2.0	60 - 120	30
% n-Pentacosane	59	%	63	71	11.9	78	77	1.3	50 - 150	30

Comment:

Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
October 16, 2019

Wednesday, October 16, 2019

Criteria: CT: GAM, RC

State: CT

Sample Criteria Exceedances Report

GCE39838 - OREILYCT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Phoenix Environmental Labs, Inc. ***Client:*** O'Reilly Talbot & Okun

Project Location: 227 BOOMBRIDGE ***Project Number:***

Laboratory Sample ID(s): CE39838-CE39842 ***Sampling Date(s):*** 10/10/2019

List RCP Methods Used (e.g., 8260, 8270, et cetera) ETPH

1	**For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
1A	**Were the method specified preservation and holding time requirements met?**	☑ Yes ☐ No
1B	***VPH and EPH methods only:*** **Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)**	☐ Yes ☐ No ☑ NA
2	**Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?**	☑ Yes ☐ No
3	**Were samples received at an appropriate temperature (< 6 Degrees C)?**	☑ Yes ☐ No ☐ NA
4	**Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?**	☑ Yes ☐ No
5	**a) Were reporting limits specified or referenced on the chain-of-custody?** **b) Were these reporting limits met?**	☑ Yes ☐ No ☑ Yes ☐ No
6	**For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?**	☑ Yes ☐ No
7	**Are project-specific matrix spikes and laboratory duplicates included in the data set?**	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Rashmi Makol **Position:** Project Manager

Printed Name: Rashmi Makol **Date:** Wednesday, October 16, 2019

Name of Laboratory Phoenix Environmental Labs, Inc.

This certification form is to be used for RCP methods only.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

October 16, 2019

SDG I.D.: GCE39838

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument:

AU-XL1 10/10/19-1 Jeff Bucko, Chemist 10/10/19

CE39838, CE39839, CE39840, CE39841, CE39842

The initial calibration (ETPH805I) RSD for the compound list was less than 30% except for the following compounds: None.
As per section 7.2.3, a discrimination check standard was run (O10A003_1) and contained the following outliers: None.
The continuing calibration %D for the compound list was less than 30% except for the following compounds:None.

QC (Site Specific):

Batch 501335 (CE39839)

CE39838, CE39839, CE39840, CE39841, CE39842

All LCS recoveries were within 60 - 120 with the following exceptions: None.
All LCSD recoveries were within 60 - 120 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 50 - 150 with the following exceptions: None.
All MSD recoveries were within 50 - 150 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.
Additional surrogate criteria: LCS acceptance range is 60-120% MS acceptance range 50-150%. The ETPH/DRO LCS has been normalized based on the alkane calibration.

Temperature Narration

The samples were received at 4.1C with cooling initiated.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

Temp 1.5 °C Pg of

CHAIN OF CUSTODY RECORD

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery/Contact Options:
☐ Fax:
☐ Phone:
☑ Email: tanner@otoenv.com

Customer: OTO
Address: Storrs CT

Project: 227 Boombridge
Report to: Tanner
Invoice to: OTO Springfield

Project P.O: 1305-50-02

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification
Sampler's Signature: [signature] Date: 10/10/19

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid

Analysis Request: CT ETPH

Bottle columns: GL Amber 8 oz. w/H3PO4; Soil VOA Vials [ ] methanol [ ] H2O; GL Soil container (8) oz; GL Soil container ( ) oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4; PL As is [ ] 250ml [ ] 500ml [ ] 1000ml; PL H2SO4 [ ] 250ml [ ] 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle w/thio; Bacteria Bottle as is

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	CT ETPH	GL Soil container (8) oz
39838	TP-1 2.5'	SOIL	10/10/19	9:45	X	1
39839	TP-3 4-5'	↓	↓	10:20	X	1
39840	TP-5 2.5-3.5'	↓	↓	11:00	X	1
39841	TP-7 1.5-3	↓	↓	11:45	X	1
39842	TP-8 0-1'	↓	↓	1:20	X	1

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	10/11/19	13:14

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☑ RCP Cert
☐ GW Protection
☐ SW Protection
☑ GA Mobility
☐ GB Mobility
☑ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☑ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☑ Phoenix Std Report
☐ Other

State where samples were collected: CT

* SURCHARGE APPLIES