



**EXETER  
ENVIRONMENTAL**  
ASSOCIATES, LLC

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May 31, 2022

Mr. Duane Hyde  
Southeast Land Trust of New Hampshire  
P.O. Box 675  
Exeter, NH 03833-0675

Re: Phase I Environmental Site Assessment  
Pike Property (Map 14, Lot 10-2-1)  
Packers Falls Road  
Durham, New Hampshire

Dear Mr. Hyde:

As requested, we have completed a Phase I Environmental Site Assessment of the above-referenced property for the Southeast Land Trust of New Hampshire and the Town of Durham. The Pike property covers 36.16± acres of land off Packers Falls Road in Durham, New Hampshire. The property is identified on Durham Tax Map 14 as Lot 10-2-1.

It is the intent of this assessment to evaluate the subject property for the presence of recognized environmental conditions. As defined in the American Society of Testing Materials (ASTM) Practice E1527-21, the term recognized environmental condition (REC) means (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The term is not intended to apply to *de-minimus* conditions that generally do not present a material risk of harm to public

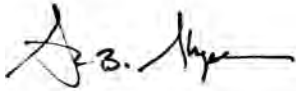
health or the environment, and that generally would not be subject to enforcement action by government agencies.

This assessment was performed in general conformance with the scope of work and limitations of ASTM Practice E1527-21, which satisfies the EPA's "All Appropriate Inquiries" rule (40 CFR Part 312).

In summary, this assessment has not identified any recognized environmental conditions to be associated with the subject property.

Please feel free to call or email if you have any questions or comments.

Sincerely,



Steven B. Shope  
President, Environmental Professional  
Exeter Environmental Associates, LLC

#### **Environmental Professional Statement**

**I declare that, to the best of my knowledge, I meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all-appropriate inquiries in conformance with the standards and practices set for the in 40 CFR Part 312.**

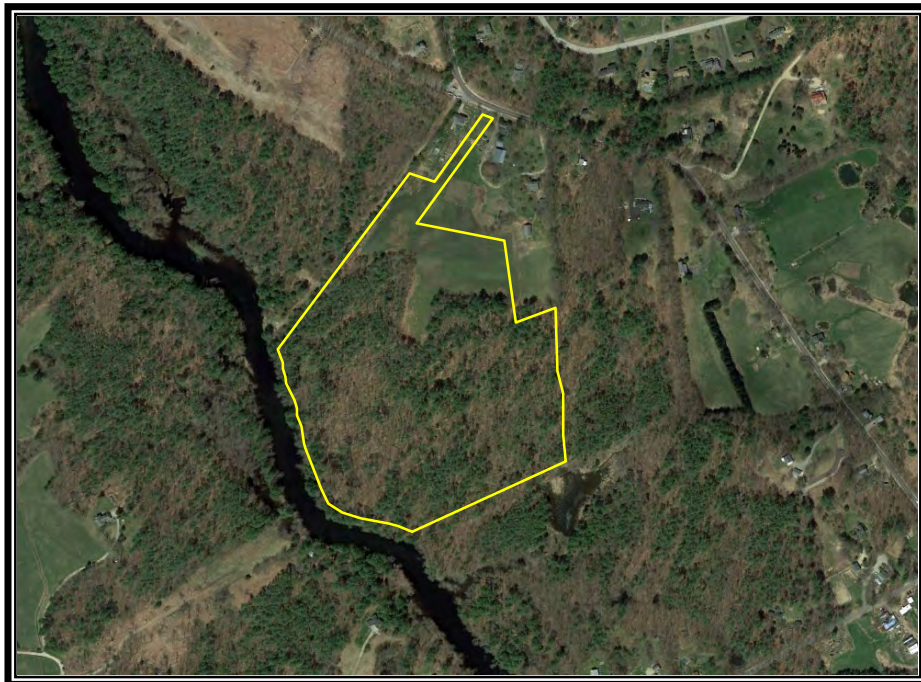


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**PHASE I  
ENVIRONMENTAL SITE ASSESSMENT REPORT**

**PIKE PROPERTY  
PACKERS FALLS ROAD  
DURHAM, NEW HAMPSHIRE**



REPORT PREPARED FOR:  
Southeast Land Trust of New Hampshire

May 31, 2022

EEA 1530.112

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## 1.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment of the Pike property located off Packers Falls Road in Durham, New Hampshire (subject property). This report has been prepared for the Southeast Land Trust of New Hampshire and the Town of Durham.

It is the intent of this assessment to evaluate the subject property for the presence of *recognized environmental conditions*. As defined in the American Society of Testing Materials (ASTM) Practice E1527-21, the term recognized environmental condition (REC) means (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The term is not intended to apply to *de-minimus* conditions that generally do not present a material risk of harm to public health or the environment, and that generally would not be subject to enforcement action by government agencies.

Our work scope for this assessment has included the following tasks: a site walkover, research into the site history, a review of available local and state records, and preparation of this report.

This Phase I assessment was performed in general accordance with the scope of work and limitations of ASTM Practice E1527-21, which satisfies the US Environmental Protection Agency rule of “All Appropriate Inquiry” as promulgated in 40 CFR Part 312. This assessment is subject to the limitations stated in Section 7.0 of this report.

## 2.0 SITE DESCRIPTION

The Pike property covers 36.2± acres of land off Packers Falls Road in Durham, New Hampshire. The property is identified on Durham Tax Map 14 as Lot 10-2-1.

The property location is shown on Figure 1. The layout of the property and any pertinent site features are shown on the attached aerial photograph provided as Figure 2.

The conservation easement area consists of undeveloped woodland with an approximate 4.5 acre field used as a horse pasture. The property is bordered by the Lamprey River and undeveloped land to the west-southwest, by undeveloped land to the northwest, by Packers Falls Road and a residence to the north, and by undeveloped and residential property and a small pond to the east.

Additional site description is presented in Section 5.0 (*Site Visit*). Selected photographs of the subject property are included in the *Site Photographs* section of this report.

## 3.0 HYDROGEOLOGIC SETTING

As shown on Figure 1, the primary hydrologic feature in the vicinity of the subject property is the Lamprey River that forms the west-southwest property boundary.

Topography of the property slopes down gently towards the river. On the basis of topography and surface water flow, the inferred direction of groundwater flow is likely to the west-southwest, towards the Lamprey River.

Soils across the north-central portion of the subject property have been mapped as glacial till<sup>1</sup>. Glacial till soils consist of a dense admixture of silt, sand, gravel and cobbles laid down during the last (Pleistocene) glacial advance and are typically characterized by a low permeability to groundwater flow. Soils in the southeast corner of the field have been mapped as glaciomarine fine silty sands that are typically characterized by a low permeability to groundwater flow. Soils near the pond have been mapped as outwash sands that are typically characterized by a moderate permeability to groundwater flow.

#### **4.0 SITE HISTORY and RECORDS REVIEW**

The history of the subject property and pertinent history of adjoining properties was obtained from information available at the Durham Assessor's Office, a review of historical aerial photographs, and a review of pertinent US Geological Survey topographic maps and information provided by the property owner.

As part of this investigation, the following additional sources were reviewed with regard to information pertaining to a release of oil or hazardous material on, or in the vicinity of, the subject property.

- the *user* of this report
- the property owner
- the Durham Fire and Planning Departments
- the New Hampshire Department of Environmental Services (NHDES) online OneStop database

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<sup>1</sup> <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>

- the Environmental Data Resources (EDR) database for other Standard Environmental Record Sources (where available) as listed below

<u>List</u>	<u>Approximate Minimum Search Distance (miles)</u>
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	property & adjoining
Federal institutional control/engineering control registry	property
Federal ERNS List	property
State & Tribal Equivalent NPL	1.0
State & Tribal Equivalent CERCLIS	0.5
State & Tribal Equivalent Landfill	0.5
State & Tribal LUST	0.5
State & Tribal registered storage tank	property & adjoining
State & Tribal institutional control/engineering control	property
State & Tribal voluntary clean-up sites	0.5
State & Tribal Brownfield sites	0.5

A summary of the site history and the information obtained regarding potential environmental concerns at the subject property is presented below. The minimum search distance for review of nearby properties with environmental concerns is defined as 0.50± miles from the subject property, except for NPL sites and RCRA CORRACT facilities that have a search distance of 1.0± miles.

**4.1 History of Subject Property.** The subject property has always been undeveloped land.

Durham Assessor's Office. The assessor's tax records indicate the subject property covers 39.4 acres, including the land around the residence. The records do not yet



reflect that the existing house and outbuildings (3.45 acres) have recently been sold.

Aerial Photographs. Historical aerial photographs for the subject property have been provided by EDR. Air photos were provided for the years 1952, 1960, 1975, 1986, 1992, 1998, 2009 and 2012. The subject property is shown in its current undeveloped state from 1952 to the present. The photographs are included in the *Historical Aerial Photographs* section of this report.

Topographic Maps. We have reviewed detailed historic USGS topographic maps available online<sup>2</sup>, including various years from 1893 to 1956 (USGS maps after 1956 are not detailed). The property is shown as consisting of undeveloped land on all of the maps. A copy of the maps from 1916 and 1956 are included in the *Historic Topographic Maps* section of this report.

Sanborn Fire Insurance Maps. Sanborn Fire Insurance map coverage is not available for the subject property, since the site neighborhood was rural at the time these maps were developed (i.e., late 1800s through the 1940s).

**4.2 Historical Use of Adjoining Properties.** The historical use of the adjoining properties was evaluated by reviewing historical aerial photographs, the USGS topographic maps of the area, site observations and tax assessor records. Based on this information, the adjoining properties have consisted of undeveloped land that has remained undeveloped or has been developed for residential use.

**4.3 User Provided Information.** The two users of this assessment, the Southeast Land Trust of New Hampshire and the Town of Durham, have provided information regarding the subject property by completing the Phase I Environmental Site

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<sup>2</sup> <https://ngmdb.usgs.gov/topoview/viewer/#15/43.0414/-70.7357>

Assessment *User Questionnaire*. The User Questionnaire was developed to fulfill the federal “all appropriate inquiry” (AAI) requirements as incorporated in ASTM E1527-21.

According to the responses provided by the users, no environmental-related concerns were identified at the subject property including: recorded environmental clean-up liens, recorded activity and land use limitations, chemical spills or releases, or specialized knowledge and experience regarding land use or the potential for environmental contamination at the subject property. Copies of the questionnaires along with the user’s responses are included as *Appendix I*.

**4.4 Interview with Property Owner.** We interviewed property owner Ms. Bonnie Pike by telephone on April 19, 2022. Ms. Pike indicated that she was not aware of any environmental-related concerns at the subject property such as dumping or releases of oil or hazardous materials. She was aware of an old Model T automobile in the woods on the boundary between 275 and 279 Packers Falls Road.

**4.5 Durham Fire Department.** We inquired with the Durham Fire Department by email to ask if they had any knowledge of any releases of oil or hazardous materials or other environmental issues at the subject property. In a response on April 29, 2022, Secretary Aimee Rouillard-Routhier stated, "Upon review of the property information provided, Durham Fire Department has no record of hazardous materials being present, having been stored or environmental contaminant reports at this location."

**4.6 Durham Planning Department.** We sent a questionnaire to Durham Town Planner Michael Behrendt by email to ask if his office has knowledge of any releases of oil or hazardous materials or other environmental issues at the subject property. In the responses, Mr. Behrendt has indicated that he has no knowledge of spills or other

chemical releases at the subject property.

**4.7 Government Records Database Search.** The subcontract firm of EDR was used to provide us with a database search of properties and sites that are of environmental concern including Federal, State and Tribal Equivalents. The results of the EDR database search are presented in *Appendix II* of this report. The New Hampshire Department of Environmental Services (NHDES) online OneStop database was also reviewed for remediation sites located within the immediate vicinity of the subject property.

Subject Property. The subject property is not listed as a site in the databases that were searched.

Sites within 0.50± Mile Search Distance. As shown on the search maps and corresponding search summaries provided in *Appendix II*, there are three sites of environmental concern located within the standard search distance of the subject property. No NPL sites or RCRA CORRACT facilities are listed within a 1.0± mile search distance of the subject property.

One of the sites; namely, the Skoglund residence at 283 Packers Falls Road, is listed as a former generator of hazardous waste. We have reviewed the three sites in the vicinity of the subject property using the on-line NHDES OneStop database. Based on the site-specific information reviewed and our knowledge of local hydrogeologic conditions, it is our opinion that none of the sites listed in the database search have the potential to adversely impact the subject property, including vapor encroachment.

## 5.0 SITE VISIT

**5.1 Subject Property.** A walkover of the subject property was performed by Julie Shope of Exeter Environmental Associates, LLC on May 19, 2022. The perimeter of the property was walked as accessible, along with portions of the property interior. Selected photographs of the subject property taken at the time of our walkover are provided in the *Site Photographs* section of this report.

The walkover was initiated from Packers Falls Road (Photo #1) and proceeded across the property in a general counter-clockwise direction. The field and horse paddock west and south of the exclusion area are shown in Photos #2 to #4.

The southern portion of the property was observed to be wooded (Photos #5 to #8). Rusty antique car bodies were observed in the woods just south of the field (Photo #9). The Lamprey River that forms the southern property boundary is shown in Photo #10.

**5.2 Abutters to Subject Property.** The Pike property is bordered by the Lamprey River and undeveloped land to the west-southwest, by undeveloped land to the northwest, by Packers Falls Road and a residence to the north, and by undeveloped and residential property and a small pond to the east. No items of environmental concern were observed on the other abutting properties, as viewed from the subject property.

## 6.0 FINDINGS and OPINIONS

We have performed a Phase I Environmental Site Assessment of the Pike property located off Packers Falls Road in Durham, New Hampshire (subject property). The assessment has been conducted in general conformance with the scope and limitations of ASTM Practice E1527-21, which satisfies the EPA's "All Appropriate Inquiries" rule (40 CFR Part 312). Any exceptions to, or deletions from, this practice are described in Section 7.0 of this report.

It is the intent of this assessment to evaluate the subject property for the presence of recognized environmental conditions. As defined in the American Society of Testing Materials (ASTM) Practice E1527-21, the term recognized environmental condition (REC) means (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. The term is not intended to apply to *de-minimus* conditions that generally do not present a material risk of harm to public health or the environment, and that generally would not be subject to enforcement action by government agencies.

In summary, this assessment has not identified any recognized environmental conditions to be associated with the subject property.

## 7.0 LIMITATIONS

This Phase I assessment was performed in general accordance with the scope of work and limitations of ASTM Practice E1527-21, which satisfies the EPA's "All Appropriate Inquiries" rule (40 CFR Part 312).

Our work scope for this assessment has included the following tasks: a site walkover, research into the site history, a review of available local and state records, and preparation of this report. The minimum search distance for review of nearby properties with environmental concerns was defined as 0.50± miles from the property, except for NPL sites and RCRA CORRACT facilities that have a search distance of 1.0± miles.

No limited subsurface investigations were performed as part of this Phase I assessment. Furthermore, this investigation did not include an inspection of the subject property for the following items: wetlands, asbestos, radon, radiation, lead paint, urea formaldehyde foam, pesticides or PCBs in building materials.

The *users* of this report have not notified us of any recognized environmental conditions that are beyond the scope of this work, such as environmental liens, or recorded activity and land use limitations at the subject property.

The conclusions presented in this report are based upon the information available to Exeter Environmental Associates, LLC, as of the date of this report. Any supplementary information that becomes available should be forwarded to Exeter Environmental Associates, LLC for review and revisions as needed. This report has been prepared in accordance with our standard *Terms and Conditions*. No other warranty, expressed or implied, is made.

## **FIGURES**



Figure 1. USGS Locus Map  
 Pike Property, Packers Falls Road  
 Durham, New Hampshire

0 2,000±'



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- Project Boundary
- House & Barn Lot
- Other land of Pike
- River
- Intermittent Stream
- 💧 Vernal Pool



1:3,500

0 250 500 Feet

Figure 2

**Pike Project  
Durham, NH**

Boundary and feature locations are approximate. Easement boundary based on tax maps.

Map prepared by  
Southeast Land Trust of NH  
February, 2022



# **SITE PHOTOGRAPHS**

**(May 19, 2022)**



Photo #1. View of Pike property taken near the road.



Photo #2. South facing view of the field in the western portion of the property.



Photo #3. Northwest facing view of the field.



Photo #4. South facing view of the field and horse paddock.



Photo #5. View of the woods in the western portion of the property.



Photo #6. Wooded interior of property.





Photo #7. Wooded interior, southern portion of property.



Photo #8. Wooded interior, eastern portion of property.

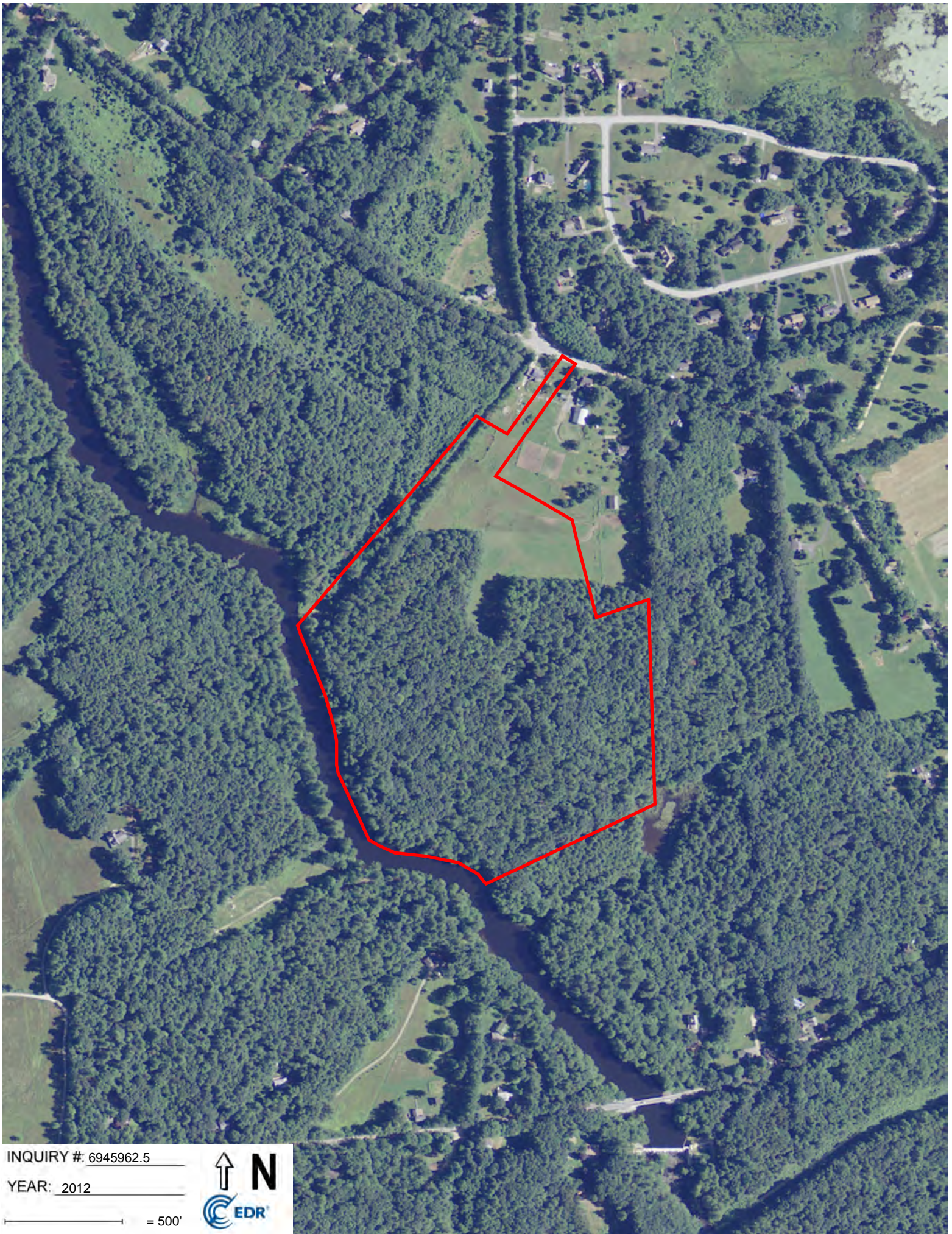


Photo #9. Antique car bodies in the woods.



Photo #10. Lamprey River as seen from the southern property boundary.

**HISTORICAL AERIAL PHOTOGRAPHS  
(EDR)**

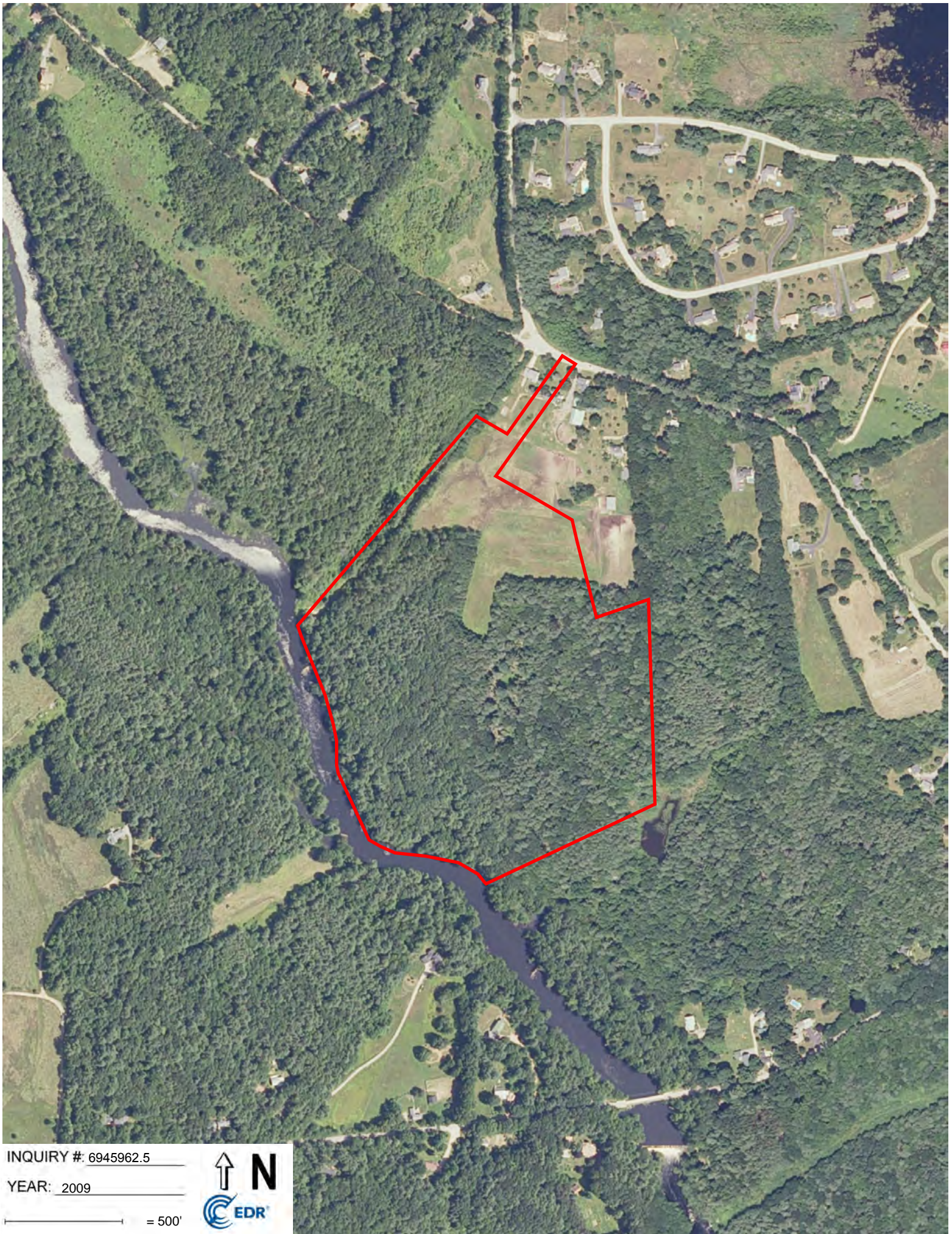


INQUIRY #: 6945962.5

YEAR: 2012

 = 500'



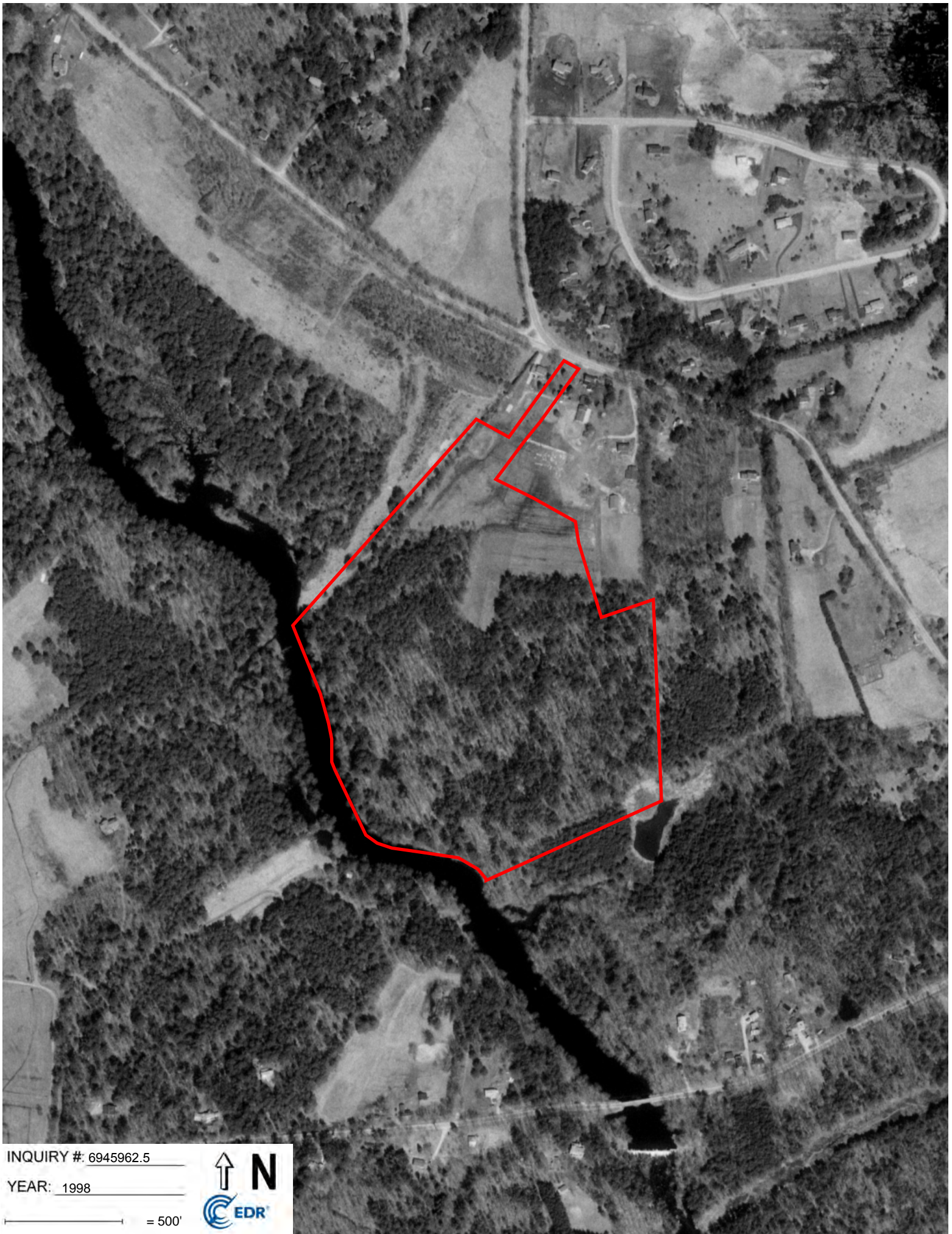


INQUIRY #: 6945962.5

YEAR: 2009

 = 500'





INQUIRY #: 6945962.5

YEAR: 1998

— = 500'







INQUIRY #: 6945962.5

YEAR: 1992

 = 500'



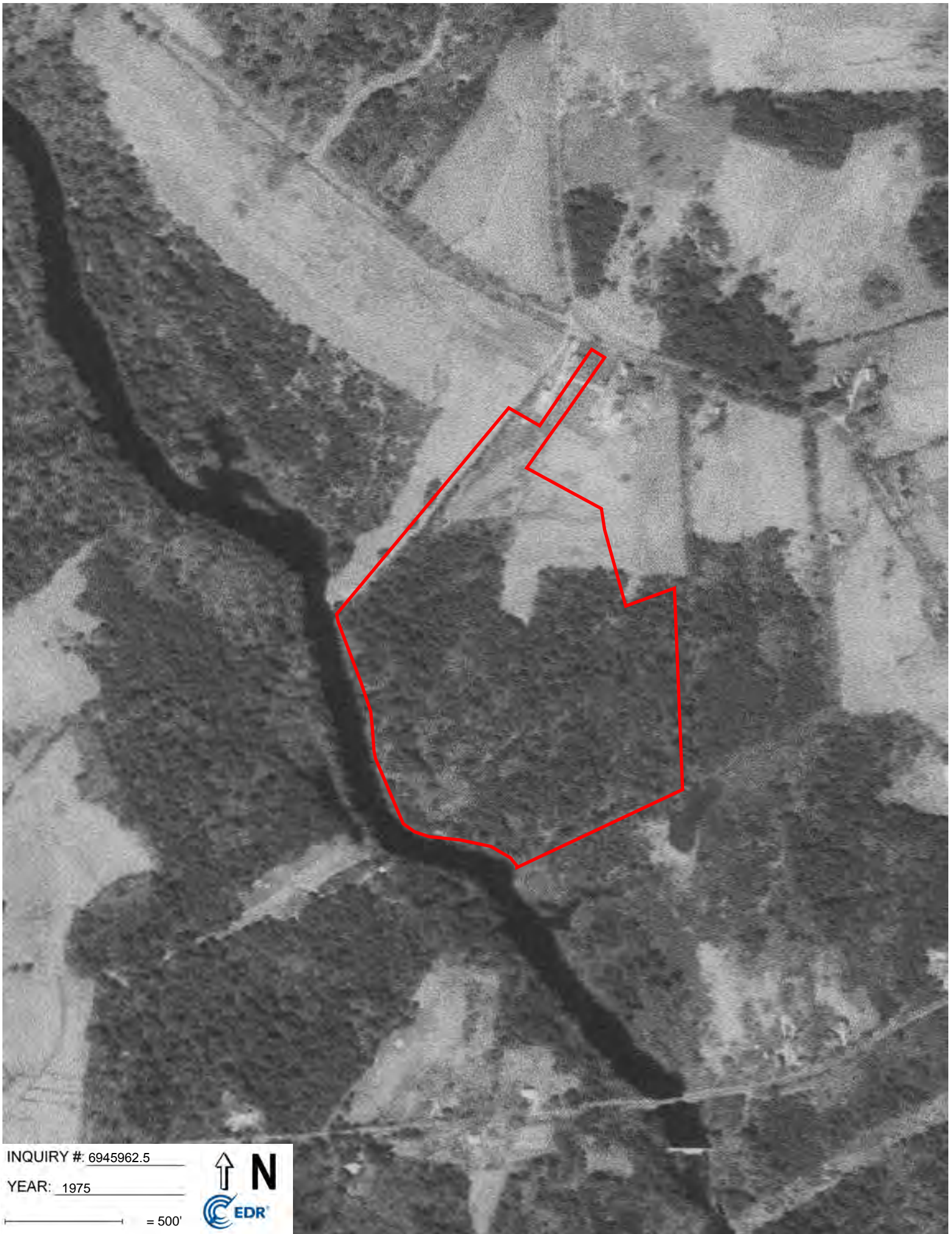


INQUIRY #: 6945962.5

YEAR: 1986

— = 500'



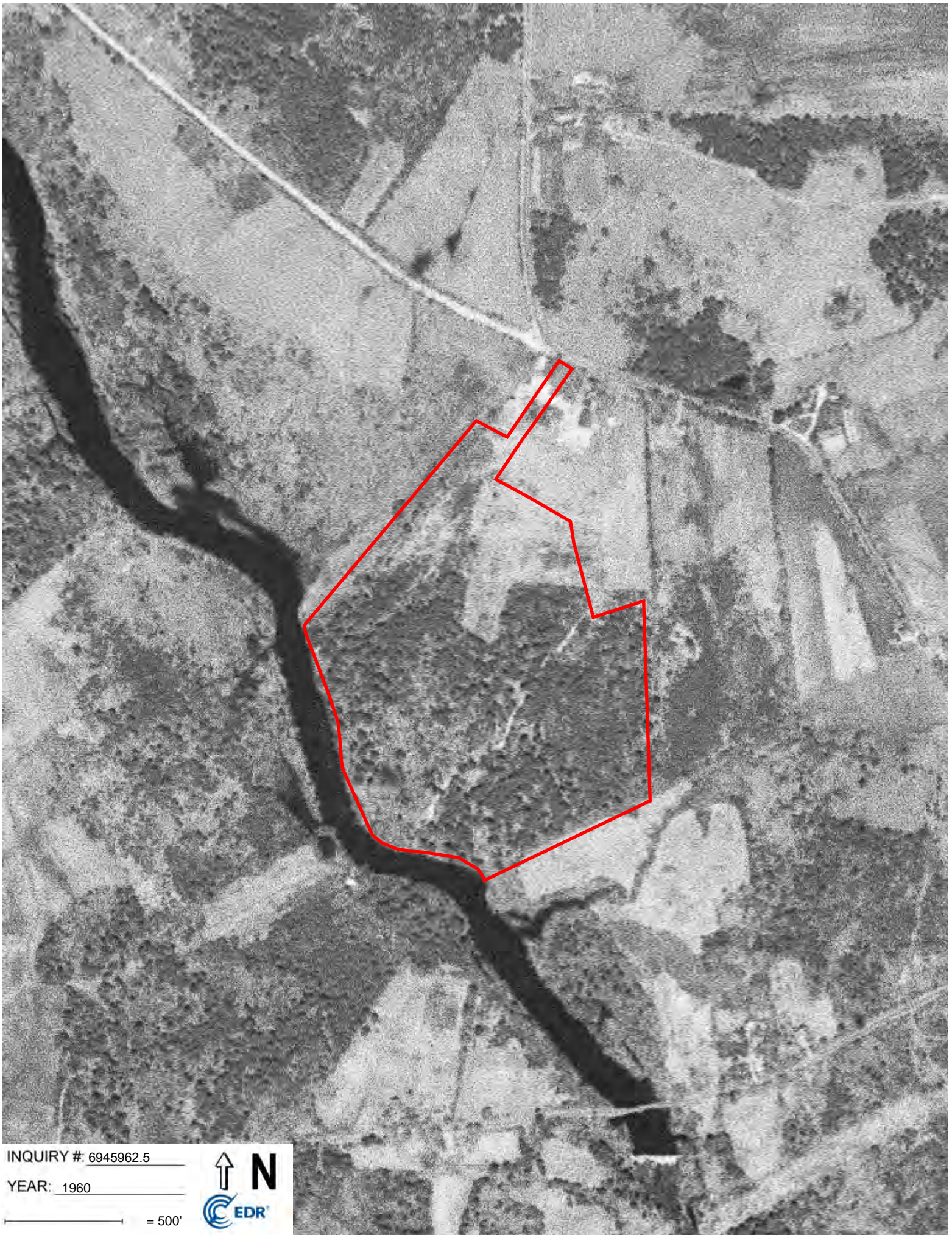


INQUIRY #: 6945962.5

YEAR: 1975

— = 500'



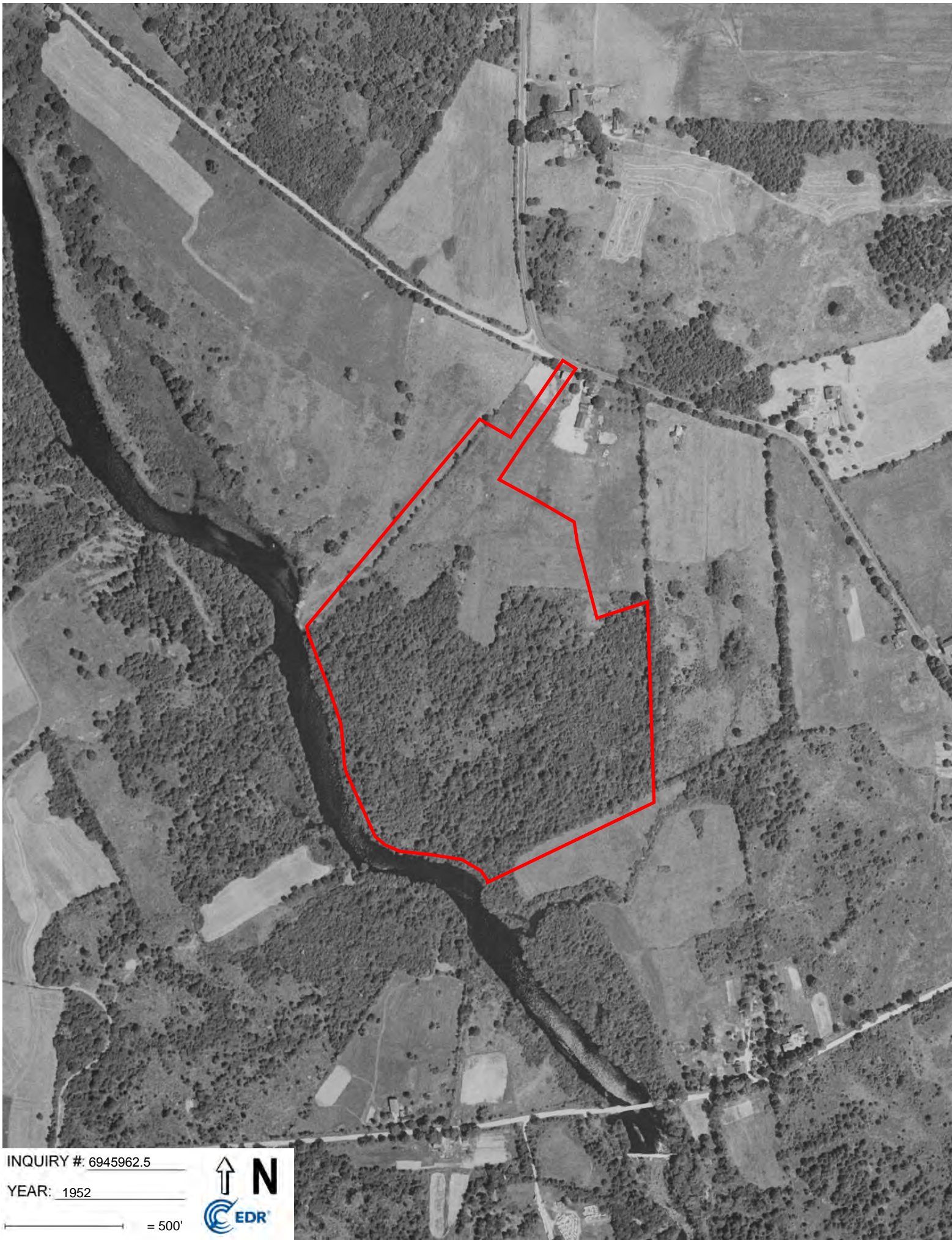


INQUIRY #: 6945962.5

YEAR: 1960

— = 500'





INQUIRY #: 6945962.5

YEAR: 1952

— = 500'



## HISTORICAL TOPOGRAPHIC MAPS



1956 Map showing the property as undeveloped.



1916 Map showing the property as undeveloped.

## **APPENDIX I**

### **User Questionnaires**



## PHASE I ENVIRONMENTAL ASSESSMENT - USER QUESTIONNAIRE

Property: Pike Parcel, Packers Falls Road, Durham, NH  
User: Southeast Land Trust of NH  
Completed By: Duane Hyde

*(1) Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?*

An attorney was hired to do title research and they found no environmental liens.

*(2) Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any 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?*

An attorney was hired to do title research and they found no AULs.

*(3) 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 chemicals and processes used by this type of business?*

SELT holds and monitors conservation easements on the abutting properties and has walked the subject property several times, but through these activities/interests we have no specialized knowledge of any chemicals and processes that may have been used on the property other than general knowledge of the horse pasture use.

*(4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? 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?*

The purchase price is the appraised Fair Market Value of the property.

*(5) 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:*

*(a) Do you know the past uses of the property?*

The approximately 4.5-acre field area has been used for horse pasture. In looking at historic aerial photos the pasture area was slightly larger on the east side of the property than today's current extent. Forested area has not been harvested for quite some time but there are very old signs of forest and possibly agriculture use.

*(b) Do you know of specific chemicals that are present or once were present at the property?*

None that I know of.

*(c) Do you know of spills or other chemical releases that have taken place at the property?*

None that I know of.

*(d) Do you know of any environmental cleanups that have taken place at the property?*

None that I know of.

*(6) 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?*

I have not observed any obvious indicators of presence or likely presence of releases

*NOTE 1—In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and 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.*





## PHASE I ENVIRONMENTAL ASSESSMENT - USER QUESTIONNAIRE

Property: Pike Parcel (36.2 Ac), Packers Falls Road, Durham, NH  
User: Town of Durham  
Completed By: Michael Behrendt, Town Planner

*(1) Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?*

According to the Southeast Land Trust (SELT) an attorney was hired to do title research and they found no environmental liens. We will need to see this report and review it ourselves.

*(2) Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any 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?*

According to SELT, an attorney was hired to do title research and they found no AULs. We will need to see this report and review it ourselves.

*(3) 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 chemicals and processes used by this type of business?*

According to SELT, they hold and monitor conservation easements on the abutting properties and have walked the subject property several times. SELT states that through these activities/interests they have no specialized knowledge of any chemicals and processes that may have been used on the property other than general knowledge of the horse pasture use. We do not have any such knowledge ourselves.

*(4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? 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?*

According to SELT the purchase price is the appraised Fair Market Value of the property. We have no information to the contrary.

*(5) 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:*

*(a) Do you know the past uses of the property?*

According to SELT, the approximately 4.5-acre field area has been used for horse pasture. In looking at historic aerial photos the pasture area was slightly larger on the east side of the property than today's current extent. Forested area has not been harvested for quite some time but there are very old signs of forest and possibly agriculture use.

*(b) Do you know of specific chemicals that are present or once were present at the property?*

None that I know of.

*(c) Do you know of spills or other chemical releases that have taken place at the property?*

None that I know of.

*(d) Do you know of any environmental cleanups that have taken place at the property?*

None that I know of.

*(6) 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?*

SELT says they have not observed any obvious indicators of presence or likely presence of releases

## **APPENDIX II**

### **EDR Government Records Report**

**275 Packers Fall Road**

275 Packers Fall Road

Durham, NH 03824

Inquiry Number: 6945962.2s

April 19, 2022

## EDR Summary Radius Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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## GEOCHECK ADDENDUM

GeoCheck - Not Requested

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

275 PACKERS FALL ROAD  
DURHAM, NH 03824

#### COORDINATES

Latitude (North): 43.1094850 - 43° 6' 34.14"  
Longitude (West): 70.9655140 - 70° 57' 55.85"  
Universal Transverse Mercator: Zone 19  
UTM X (Meters): 340072.3  
UTM Y (Meters): 4774633.0  
Elevation: 83 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP  
Source: U.S. Geological Survey

Target Property: N  
Source: U.S. Geological Survey

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140722, 20140712  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
275 PACKERS FALL ROAD  
DURHAM, NH 03824

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	SKOGLUND CHRISTOPHER	283 PACKERS FALLS RD	RCRA NonGen / NLR	Higher	1 ft.
<a href="#">2</a>	CARLISLE CONSTRUCTIO	265 PACKERS FALLS RD	RCRA NonGen / NLR	Higher	864, 0.164, NE
<a href="#">3</a>	WOJNOWSKI PROPERTY	215 PACKERS FALLS RO	ALLSITES	Lower	2003, 0.379, ESE

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### ***Local Lists of Hazardous waste / Contaminated Sites***

ALLSITES: A review of the ALLSITES list, as provided by EDR, and dated 11/02/2021 has revealed that there is 1 ALLSITES site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WOJNOWSKI PROPERTY Facility Id: 201203035 Project Manager: CLOSED	215 PACKERS FALLS RO	ESE 1/4 - 1/2 (0.379 mi.)	3	8

### ***Other Ascertainable Records***

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 02/28/2022 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SKOGLUND CHRISTOPHER EPA ID:: NHD510206691	283 PACKERS FALLS RD	0 - 1/8 (0.000 mi.)	1	8
CARLISLE CONSTRUCTIO EPA ID:: NHD510127517	265 PACKERS FALLS RD	NE 1/8 - 1/4 (0.164 mi.)	2	8

Count: 0 records.

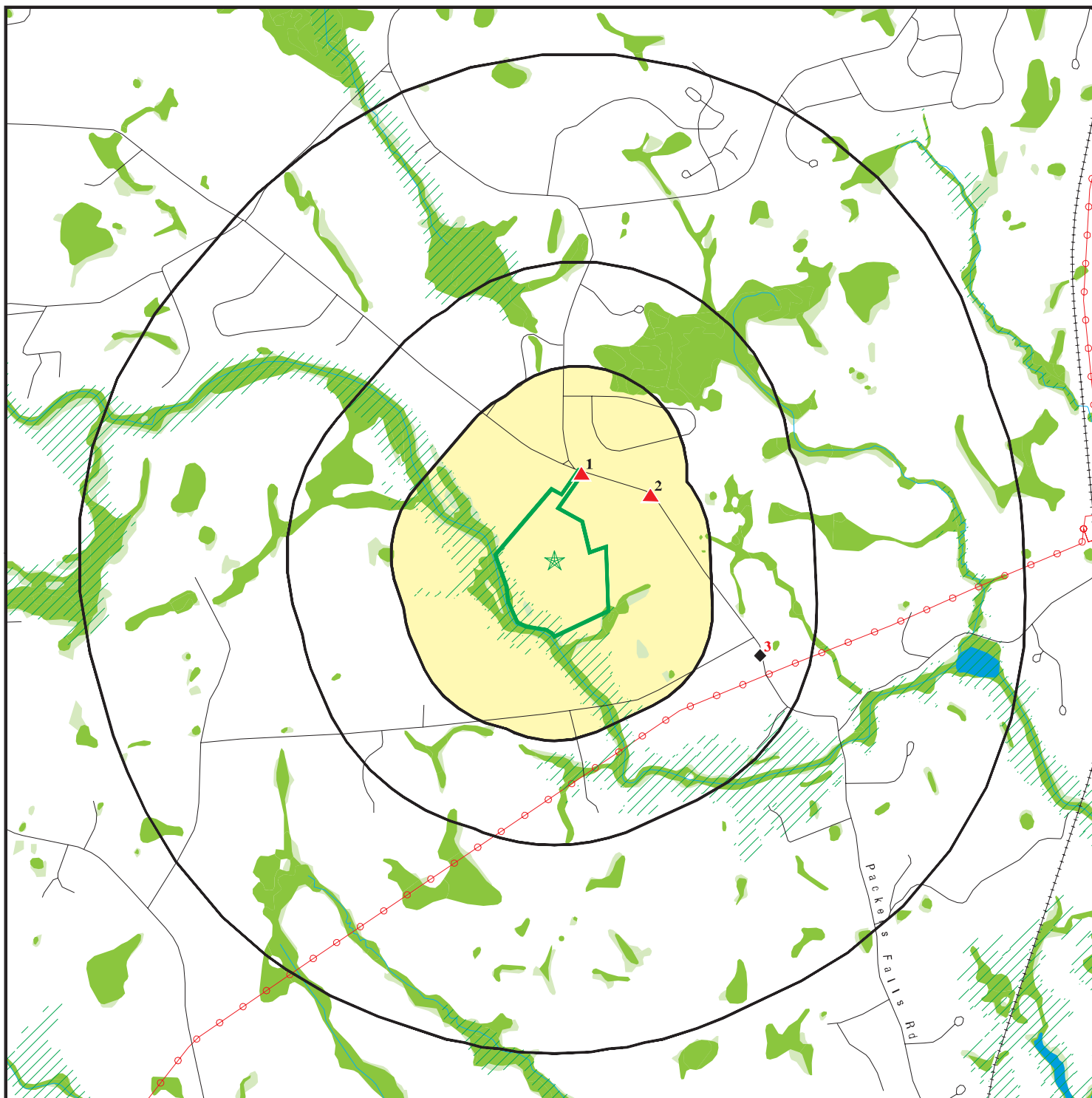
ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
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NO SITES FOUND



# OVERVIEW MAP - 6945962.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

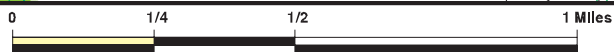
Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

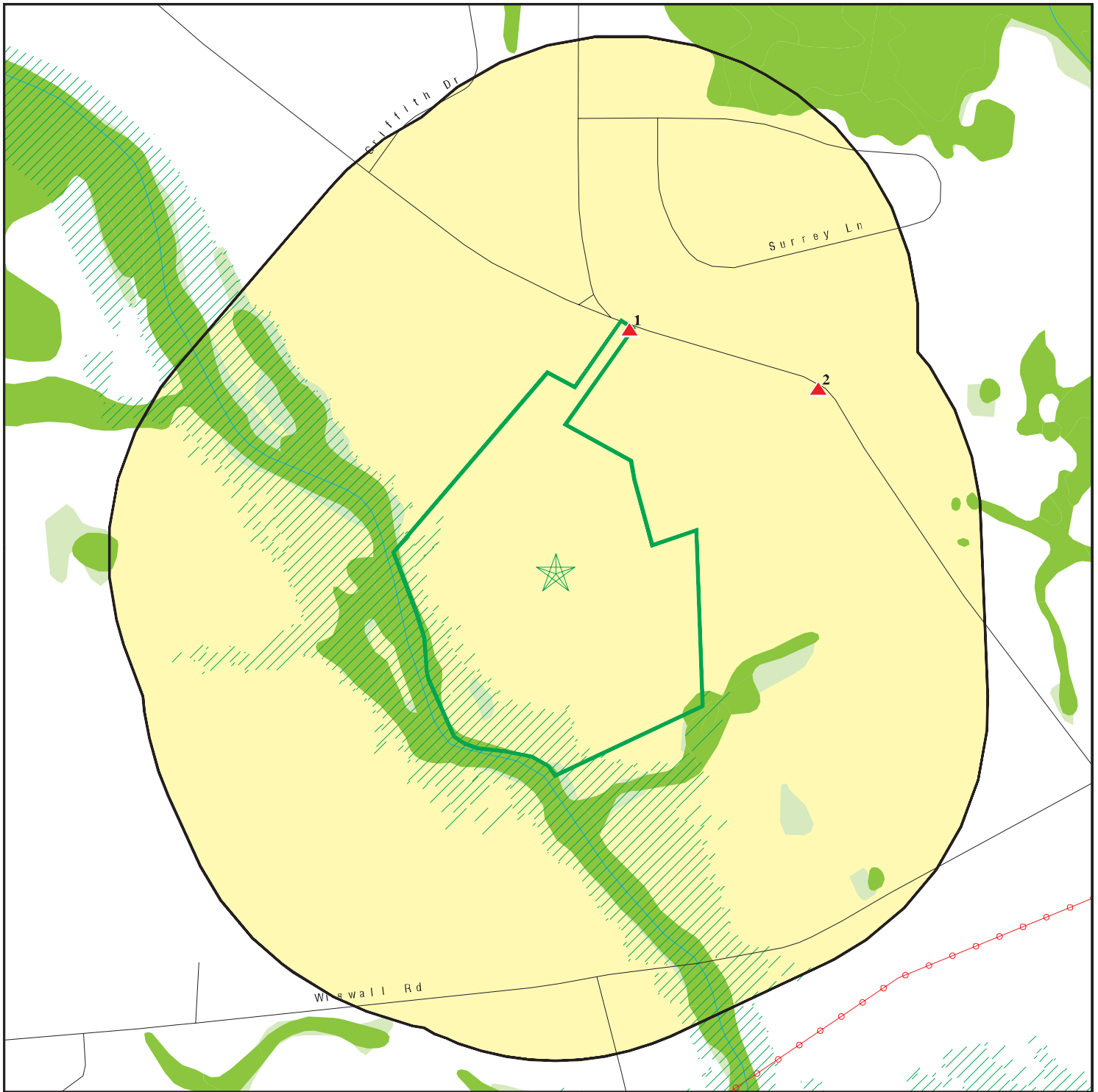









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.







SITE NAME: 275 Packers Fall Road  
 ADDRESS: 275 Packers Fall Road  
 Durham NH 03824  
 LAT/LONG: 43.109485 / 70.965514

CLIENT: Exeter Environmental Assoc Inc  
 CONTACT: Steven Shope  
 INQUIRY #: 6945962.2s  
 DATE: April 19, 2022 10:54 am

# DETAIL MAP - 6945962.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 275 Packers Fall Road  
 ADDRESS: 275 Packers Fall Road  
 Durham NH 03824  
 LAT/LONG: 43.109485 / 70.965514

CLIENT: Exeter Environmental Assoc Inc  
 CONTACT: Steven Shope  
 INQUIRY #: 6945962.2s  
 DATE: April 19, 2022 10:55 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LAST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	0	1	NR	NR	1
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	0.500		0	0	0	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><i>Other Ascertainable Records</i></b>								
RCRA NonGen / NLR	0.250		1	1	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0

### **EDR HIGH RISK HISTORICAL RECORDS**

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
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## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	1	1	1	0	0	3

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
1		< 1/8	1 ft.	<b>SKOGLUND CHRISTOPHER RESIDENCE</b> 283 PACKERS FALLS RD DURHAM, NH 03824	RCRA NonGen / NLR	1014917520	NHD510206691
<p style="margin-left: 20px;"><a href="#">Click here for full text details</a></p> <p>Relative: Higher RCRA NonGen / NLR EPA Id NHD510206691</p>							
2	NE	1/8-1/4	0.164 mi. 864 ft.	<b>CARLISLE CONSTRUCTION</b> 265 PACKERS FALLS RD DURHAM, NH 03824	RCRA NonGen / NLR	100888909	NHD510127517
<p style="margin-left: 20px;"><a href="#">Click here for full text details</a></p> <p>Relative: Higher RCRA NonGen / NLR EPA Id NHD510127517</p>							
3	ESE	1/4-1/2	0.379 mi. 2003 ft.	<b>WOJNOWSKI PROPERTY</b> 215 PACKERS FALLS ROAD DURHAM, NH	ALLSITES	S111859802	N/A
<p style="margin-left: 20px;"><a href="#">Click here for full text details</a></p> <p>Relative: Lower ALLSITES Facility Id 201203035 Project Manager CLOSED</p>							

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
NH	AIRS	Permitted Airs Facility Listing	Department of Environmental Services	12/01/2021	12/02/2021	02/22/2022
NH	ALLSITES	Site Remediation & Groundwater Hazard Inventory Listing of A	Department of Environmental Services	11/02/2021	11/03/2021	01/25/2022
NH	AQUEOUS FOAM	Aqueous Film Forming Foam Release Investigations Listing	Department of Environmental Services	02/01/2022	03/11/2022	03/25/2022
NH	ASBESTOS	Asbestos Notification Listing	Department of Environmental Services	11/12/2021	11/12/2021	02/01/2022
NH	AST	Registered Aboveground Petroleum Storage Tank Database	Department of Environmental Services	11/02/2021	11/03/2021	01/25/2022
NH	BROWNFIELDS	Brownfields Sites	Department of Environmental Services	11/02/2021	11/03/2021	01/25/2022
NH	CDL	Clandestine Drug Lab Listing	Department of Environmental Services	11/02/2021	11/03/2021	01/25/2022
NH	DRYCLEANERS	Listing of Drycleaners	Department of Environmental Services	12/13/2021	12/13/2021	03/02/2022
NH	Financial Assurance 1	Financial Assurance Information Listing	Department of Environmental Services	01/14/2022	01/14/2022	04/04/2022
NH	Financial Assurance 2	Financial Assurance Information listing	Department of Environmental Services	01/10/2022	01/11/2022	04/04/2022
NH	Inst Control	Activity and Use Restrictions	Department of Environmental Services	12/13/2021	12/13/2021	03/02/2022
NH	LAST	Listing of All Sites	Department of Environmental Services	11/02/2021	11/03/2021	01/25/2022
NH	LEAD	Lead Inspection Database	Department of Health & Human Services, Childh	10/16/2007	10/18/2007	11/13/2007
NH	LIENS	Environmental Liens Information Listing	Department of Environmental Services	01/18/2022	01/18/2022	04/12/2022
NH	LUST	Listing of All Sites	Department of Environmental Services	11/02/2021	11/03/2021	01/25/2022
NH	MANIFEST	Hazardous Waste Manifest Information Listing	Department of Environmental Services	06/30/2019	07/23/2019	02/03/2020
NH	NH SPILLS	Listing of All Sites	Department of Environmental Services	11/02/2021	11/03/2021	01/25/2022
NH	NPDES	NPDES Permit Listing	Department of Environmental Services	11/19/2021	11/19/2021	02/08/2022
NH	PFAS	PFAS Contamination Site Location Listing	Department of Environmental Services	11/19/2021	11/19/2021	02/04/2022
NH	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Services		07/01/2013	01/08/2014
NH	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Services		07/01/2013	01/17/2014
NH	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Environmental Services		07/01/2013	01/03/2014
NH	SHWS	Listing of All Sites	Department of Environmental Services	11/02/2021	11/03/2021	01/25/2022
NH	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	12/18/2012	01/03/2013	02/28/2013
NH	SWF/LF	Solid Waste Facility Information	Department of Environmental Services	01/14/2022	01/14/2022	04/04/2022
NH	SWRCY	Recycling Centers	Department of Environmental Services	03/31/2022	03/31/2022	04/04/2022
NH	UST	Underground Storage Tank Registration Data	Department of Environmental Services	11/02/2021	11/03/2021	01/25/2022
NH	VCP	Voluntary Cleanup Program Sites	Department of Environmental Services	01/04/2022	01/11/2022	04/04/2022
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	12/14/2021	12/15/2021	03/10/2022
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2019	03/02/2022	03/25/2022
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2020	11/30/2021	02/22/2022
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2021	01/14/2022	03/25/2022
US	CORRACTS	Corrective Action Report	EPA	02/28/2022	03/02/2022	03/17/2022
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	01/25/2022	02/03/2022	02/22/2022
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/01/2022	01/04/2022	01/10/2022
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/31/2021	03/01/2022	03/10/2022
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	05/25/2021	06/24/2021	09/20/2021



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	10/14/2021	11/05/2021	02/01/2022
US	FINDS	Facility Index System/Facility Registry System	EPA	11/04/2021	11/22/2021	02/25/2022
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	10/26/2021	11/16/2021	02/08/2022
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/15/2021	11/15/2021	02/01/2022
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	12/15/2021	12/16/2021	03/10/2022
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/28/2021	06/11/2021	09/07/2021
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2021	11/15/2021	02/08/2022
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/12/2021	11/15/2021	02/08/2022
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/14/2021	11/15/2021	02/08/2022
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/28/2021	06/22/2021	09/20/2021
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/06/2021	06/11/2021	09/07/2021
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/12/2021	11/15/2021	02/08/2022
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/12/2021	11/15/2021	02/08/2022
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisiting	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	01/25/2022	02/03/2022	02/22/2022
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	01/25/2022	02/03/2022	02/22/2022
US	LUCIS	Land Use Control Information System	Department of the Navy	11/15/2021	11/16/2021	02/08/2022
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	03/21/2022	03/22/2022	03/25/2022
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/29/2021	08/24/2021	11/19/2021
US	NPL	National Priority List	EPA	01/25/2022	02/03/2022	02/22/2022
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	01/20/2022	01/20/2022	03/25/2022
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	07/14/2011	08/05/2011	09/29/2011
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	PCS INACTIVE	Listing of Inactive PCS Permits	EPA	11/05/2014	01/06/2015	05/06/2015
US	PRP	Potentially Responsible Parties	EPA	01/25/2022	02/03/2022	02/25/2022
US	Proposed NPL	Proposed National Priority List Sites	EPA	01/25/2022	02/03/2022	02/22/2022
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	02/28/2022	03/02/2022	03/17/2022
US	RMP	Risk Management Plans	Environmental Protection Agency	10/20/2021	11/05/2021	11/12/2021
US	ROD	Records Of Decision	EPA	01/25/2022	02/03/2022	02/22/2022
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	01/25/2022	02/03/2022	02/22/2022
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	01/25/2022	02/03/2022	02/22/2022
US	SSTS	Section 7 Tracking Systems	EPA	01/19/2022	01/19/2022	04/11/2022
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	02/23/2022	03/10/2022	03/10/2022
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	11/16/2021	11/18/2021	02/08/2022
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	11/19/2021	11/19/2021	02/14/2022
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	12/13/2021	12/17/2021	03/17/2022
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	11/16/2021	11/18/2021	02/08/2022
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	11/19/2021	11/19/2021	02/14/2022
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/02/2021	11/22/2021	02/14/2022
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2020	01/11/2022	02/14/2022
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	11/11/2021	11/12/2021	02/01/2022
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	10/29/2021	01/19/2022
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	10/28/2019	10/29/2019	01/09/2020
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
NH	Daycare Centers	Sensitive Receptor: Child Care Facility List	Department of Health & Human Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
NH	State Wetlands	Wetland Inventory	US Fish & Wildlife Service			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

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## **APPENDIX III**

### **Qualifications of Environmental Professional**

**STEVEN B. SHOPE, PG, LSP**  
**President**  
**Hydrogeologist**

Steven Shope is the president of Exeter Environmental Associates, LLC. He is a Certified Geologist in Maine, a Licensed Professional Geologist in New Hampshire, a Licensed Driller in New Hampshire, and a Massachusetts Licensed Site Professional (LSP). His areas of expertise include: hydrogeology, assessment and remediation of petroleum spills, solid and hazardous waste management, environmental impact evaluation, geological resource evaluation, and water resource evaluation. He has participated in a wide variety of oil spill remediations, environmental site assessments, hydrogeological investigations for landfill groundwater contamination projects, wellfield contamination studies, remedial investigations, and water resource evaluations.

Prior to joining Exeter Environmental Associates, Mr. Shope was the office manager and hydrogeologist for Shevenell Gallen and Associates, Inc. His responsibilities included oversight of the office resources, project review, and management of projects throughout New England. Prior to joining Shevenell Gallen, Mr. Shope was employed by Normandeau Engineers, Inc., as hydrogeologist. In this capacity, he was responsible for conducting site assessments, hydrogeologic investigations, and soil vapor studies. Prior to joining Normandeau, Mr. Shope worked as a geologist for Wehran Engineers, where he was responsible for field investigations conducted at both the Dover and Somersworth Landfill Superfund sites.

**Education**

University of New Hampshire: M.S. Hydrology, 1986

University of Vermont: B.S. Geology, 1984

**Experience**

1990 - present	President, Exeter Environmental Associates
1989 - 1990	Office Manager & Hydrogeologist, Shevenell Gallen & Assoc.
1986 - 1989	Hydrogeologist, Normandeau Engineers
1985 (summer)	Geologist, Wehran Engineers & Scientists
1984 - 1986	Teaching Assistant, University of New Hampshire

## **Professional Certifications, Licenses, and Associations**

1991 - present: Certified Maine Geologist: # 279

1994 - present: Licensed Site Professional: LSP #6543

1998 -2022: Certified Underground Storage Tank Decommissioning

2000 -2013: Certified Fire Fighter I/Career; First Responder

2001 - present: Licensed Professional Geologist, NH: #27

2004 -2021: Licensed Driller in New Hampshire: #1807

## **Selected Publications**

Exeter Environmental Associates, Inc., 1991. Short Term Measure Work Plan, Shaw's Plaza Site, DEP Case #4-0414, Sharon, Massachusetts. Prepared for Sharon Associates, Philadelphia, PA. June 19, 1991.

Exeter Environmental Associates, Inc., 1992. Hydrogeologic Investigation Report, Asphalt Testing Project, US Route 3, Laconia, New Hampshire. Prepared for CMA Engineers, Inc., Portsmouth, NH. November 30, 1992.

Shope, Steven B., 1986. Regional Groundwater Flow and Contaminant Transport in the Vicinity of the Tolend Road Landfill, Dover, NH. Unpublished Masters Thesis, University of New Hampshire, Durham.

Shope, Steven B., 1987. Interpretation of EM Data Through Geoelectric Modeling with Application to a Landfill in Southeastern New Hampshire. *Proceedings of the Fourth Annual Eastern Regional Ground Water Conference*. Burlington, VT.

Shope, Steven B., R. Weimar, and P. Williams, 1989. Preserving Water Quality Without Sewers: A Case Study of On-Site Wastewater Disposal Hydrogeology. *Journal of the New England Water Pollution Control Association*, May, Volume 23, No.1.

Shope, Steven B. 1990. Potential Impacts of Below Water Table Sand and Gravel Mining on Water Quantity. *Proceedings of the Sixth Annual Eastern Regional Ground Water Conference*, Springfield, MA.

## **Special Training and Seminars**

Seminar on Personnel Protection and Safety Training. 40-hour certification course in Hazardous Waste Site Activities in compliance with OSHA Standard 29 CFR 1910 and SARA sections 126 (d). Taught by Clean Harbors, Inc., and HMM Associates, Braintree, Massachusetts, October 19-23, 1987.

Risk Assessment for the Ground Water Scientist. Taught by Dr. Ronald M. Block in association with the National Water Well Association. Newark, New Jersey, March 21-23, 1989.

Seminar on the New Chapter 21E Regulations. Taught by the Massachusetts Department of Environmental Protection. Dedham, Massachusetts. July 29, 1993.

Seminar on Risk Characterization and Remedial Action Outcomes, Parts I and J of the 1993 MCP. Taught by the Massachusetts Department of Environmental Protection. Lowell, Massachusetts. October 12, 1994.

Seminar on Site Characterization and Remediation of Dense Non-Aqueous Phase Liquids. Taught by Bernard Kueper. Marlborough, Massachusetts. June 17, 2002.

Seminar on Principles and Field Techniques for Characterizing Contaminant Migration in Fractured Rock. Taught by Pete Haeni and Allen Shapiro. Marlborough, Massachusetts. October 16, 2002.

Seminar on Environmental Chemistry and Forensic Geochemistry. Taught by Michael Wade. Marlborough, Massachusetts. February 11, 2003.

Continuing Educational Units (CEUs). 48 hours every 3 years for LSP License.

Continuing Educational Units (CEUs). 24 hours every 2 years for NH PG License.