



December 21, 2017

**Tony Plante  
Town of Windham  
8 School Road  
Windham, Maine 04062**

**Re: Environmental Site Assessment, Phase I  
JA Andrews School  
55 High Street  
Windham, ME**

Dear Tony:

Please find enclosed the Phase I Environmental Site Assessment we have completed for the above referenced site. We appreciate this opportunity to serve you. Please contact me if you have any questions about the report.

Sincerely,

A handwritten signature in black ink, appearing to read "J K Cressey".

John K Cressey, CG, PG  
President



## Phase I Environmental Site Assessment Report

J A Andrew School  
55 High Street  
Windham, ME 04062



*Prepared by*  
Beacon Environmental Consultants, LLC  
PO Box 2154  
Windham, ME 04062

*Prepared for*  
Town of Windham  
8 School Road  
Windham, Maine 04062

December 21, 2017  
Project # BE-076

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## 1.0 GENERAL INFORMATION

### Project Information:

J A Andrew School  
**Project Number:**  
BE-076

### Consultant Information:

Beacon Environmental Consultants, LLC  
PO Box 2154  
Windham, ME 04062  
**Phone:** (207) 376-5001  
**Fax:** (207) 221-1354  
**E-mail Address:** jcressey@beaconmaine.com  
**Inspection Date:** 11/20/2017  
**Report Date:** 12/21/2017

### Site Information:

J A Andrew School  
55 High Street  
Windham, ME 04062  
County: Cumberland

**Latitude, Longitude:** 43.734730, -70.420026  
**Site Access Contact:** Mike Duffy

### Client Information:

Town of Windham  
Tony Plante  
8 School Road  
Windham, Maine 04062

### Site Assessor



John K. Cressey, CG, PG  
President

### Certification:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312. 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 forth in 40 CFR Part 312.



John K. Cressey, CG, PG - President

## 2.0 EXECUTIVE SUMMARY

### 2.1 Subject Property Description

Beacon Environmental Consultants, LLC (Beacon) was retained by Town of Windham (hereafter referred to as Client), to perform a Phase I Environmental Site Assessment (ESA) of the property known as J A Andrew School located at 55 High Street in Windham, Cumberland, ME (subject property). Beacon performed the ESA in conformance with the Scope of Work and the provisions of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E 1527-13, thereby satisfying United States Environmental Protection Agency's (U. S. EPA) "Standards and Practices for All Appropriate Inquiries (AAI); Final Rule" (40 Code of Federal Regulations Part 312) Federal Register Vol. 70, No. 210, November 1, 2005. Any exceptions to, or deletions from, this practice are described within this report.

### 2.2 Data Gaps

No significant data gaps were identified.

### 2.3 Environmental Report Summary

Beacon completed a review of environmental records to determine if Recognized Environmental Conditions (RECs) exist on the property.

Report Section	No Further Action	REC	HREC	CREC	Issue/Further Investigation	Comments
4.4 Current Use of Property	X					
4.6 Adjoining Property Information	X					
6.1 Standard Environmental Records Sources			X			A spill report was documented due to spillage. The MEDEP reported no further action was necessary.
6.4.1 Historical Summary	X					
6.4.7 Other Environmental Reports	X					
7.3.1 Hazardous Substances	X					
7.3.2 Petroleum Products			X			A spill report was documented due to spillage. The MEDEP reported no further action was necessary.
7.3.3 USTs	X					
7.3.4 ASTs			X			A spill report was documented due to spillage. The MEDEP reported no further action was necessary.
7.3.5 Other Suspect Containers	X					
7.3.6 Equipment Likely to Contain PCBs					X	Due to the age of the structure and usage as a municipal building, PCBs may be within paint and/or caulking.
7.3.7 Interior Staining/Corrosion	X					
7.3.8 Discharge Features	X					
7.3.9 Pits, Ponds, And Lagoons	X					
7.3.10 Solid Waste Dumping/Landfills	X					

## 2.3 Environmental Report Summary (continued)

Report Section		No Further Action	REC	HREC	CREC	Issue/Further Investigation	Comments
7.3.11	<b>Stained Soil/Stressed Vegetation</b>		X				
7.3.12	<b>Wells</b>		X				
	<b>Asbestos-Containing Materials</b>					X	Due to the age of the structure, ACM may be within building components.
	<b>Lead-Based Paint</b>					X	Due to the age of the structure, LBP may be present in the structure.
	<b>Radon</b>					X	Due to the potential for elevated radon gas concentrations in the area, there is a potential for radon gas within the structure.
	<b>Wetlands</b>		X				
	<b>Microbial Contamination (Mold)</b>		X				

## 2.4 Recommendations

Beacon recommends that samples of paint and caulking should be collected for analysis of PCBs and an ACM and LBP survey should be completed to document their potential for being within building components. A radon gas survey should also be completed to document the potential for indoor air threats.

## 3.0 INTRODUCTION

### 3.1 Purpose

The purpose of the Phase I Environmental Site Assessment (ESA) was to evaluate the current and historical conditions of the Subject Property in an effort to identify recognized environmental conditions in connection with the Subject Property.

A recognized environmental condition is defined by ASTM as:

Recognized Environmental Condition - The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to release to the environment; under conditions indicative of a release to the environment; or conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

The identification of recognized environmental conditions in connection with the subject property may impose an environmental liability on owners or operators of the site, reduce the value of the site, or restrict the use or marketability of the site, and therefore, further investigation may be warranted to evaluate the scope and extent of potential environmental liabilities.

### 3.2 Scope of Work

The Phase I ESA conducted at the Subject Property was in general accordance with ASTM Standard E 1527-13 and included the following:

- Review of previous environmental site assessments;
- Records review;
- Interviews with regulatory officials and personnel associated with the subject and adjoining properties;
- A site visit; and
- Evaluation of information and preparation of the report provided herein.

Typically, a Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water, or building materials. These activities would be carried out in a Phase II ESA, if required. For this Phase I ESA, no additions to the ASTM E 1527-13 standard were made.

### 3.3 Significant Assumptions

No significant assumptions were made during the course of this assessment.

### 3.4 Limitations and Exceptions

Along with all of the limitations set forth in various sections of the ASTM E 1527-13 protocol, the accuracy and completeness of this report may be limited by the following:

Historical Data Source Failure - Date of ownership

It should be noted that this assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems (EMS) that may exist on the property. Where required, the documents listed in Appendices A and E were used as reference material for the completion of the Phase I ESA. Some of the information presented in this report was provided through existing documents and interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, Beacon Environmental Consultants, LLC in certain instances has been required to assume that the information provided is accurate.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgment of Beacon Environmental Consultants, LLC based on the data obtained from the work. Due to the nature of investigation and the limited data available, Beacon Environmental Consultants, LLC cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be construed as legal advice.

### **3.4 Limitations and Exceptions (continued)**

Should additional information become available which differs significantly from our understanding of conditions presented in this report, we request that this information be brought to our attention so that we may reassess the conclusions provided herein.

### **3.5 Deviations**

No deviations from the recommended scope of ASTM Standard E 1527-13 were performed as part of this Phase I ESA with the exception of any additions noted in Detailed Scope of Services.

### **3.6 Special Terms and Conditions**

Authorization to perform this assessment was given by the client on 11/2/2017. Instructions as to the location of the property, access, and an explanation of the property and facilities to be assessed were provided by Town of Windham.

### **3.7 Reliance**

This report has been prepared for the sole benefit of the client. The report may not be relied upon by any other person or entity without the express written consent of Town of Windham and the client with the following exception(s):

- Regional School Unit (RSU) 14

## 4.0 SITE DESCRIPTION

### 4.1 Location and Legal Description

The subject property is known as J A Andrew School and is located at 55 High Street, Windham, ME. Information obtained from the Windham Assessor's Department indicated that the tax assessment parcel number for the subject property is Tax Map 37 Lot 24.

### 4.2 Activity/Use Limitations

Beacon Environmental Consultants, LLC has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the property located at 55 High Street, Windham, ME 04062. Any exceptions to or deletions from this practice are described in Section 2.5 of this report. This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the property with the exception of the following:

### 4.3 Site and Vicinity Description

The Subject Property consists of approximately 2.4 acres and is developed with an approximately 4,438 square-foot, former school building. The ground surface at the site slopes to the northeast and southwest as the building is located on the top of a ridge. Groundcover consists primarily of gravel parking and grassed surfaces. The gravel area to the north of the existing site building is the location of the original school building which was constructed in 1886 and demolished in 2016. The subject property can be accessed from southwest from High Street.

The site is zoned Village Commercial (VC). The area surrounding the site is primarily residential properties.

### 4.4 Current Use of Property

At the present time, the Property is developed with a former school building which is currently used by RSU 14 for storage of school-related materials.

According to the Town of Windham Planning Department, the Property is zoned Village Commercial.

### 4.5 Description of Structures and Other Improvements

The property was originally developed with a small schoolhouse in 1899. This structure was repaired in 1909 and then replaced in 1922. Significant renovations were made in 1953 when the existing building was constructed. In 2016, the RSU had the 1922 portion of the building demolished.

The Portland Water District (PWD) supplies drinking water to the Subject Property from the municipal distribution system. Sanitary discharges on the subject site are discharged into the municipal sanitary sewer system. The subject site area is serviced by PWD.

Electricity is provided to the Subject Property by Central Maine Power. Natural gas is provided by Maine Natural Gas.

### 4.6 Adjoining Property Information

During the vicinity reconnaissance, Beacon Environmental Consultants, LLC observed the residential use on properties in the immediate vicinity of the Property.

## 5.0 USER PROVIDED INFORMATION

### 5.1 Specialized Knowledge

Beacon Environmental Consultants, LLC has no specialized knowledge of the Subject Property outside of the research which was conducted and reported as part of this report.

The property ownership and tenants as well as all individuals who were interviewed as part of this investigation, have not reported any specialized knowledge of this Subject Property outside of what is contained in this report.

### 5.2 Valuation Reduction for Environmental Issues

Beacon Environmental Consultants, LLC has not been provided with an appraisal for the subject property. However, this property is to be refinanced rather than sold, therefore a selling price to value comparison is not available without a selling price.

No environmental issues were identified by the user/client that could result in property value reduction.

### 5.3 Owner, Property Manager, and Occupant Information

No written or verbal communication with the property owner, manager and tenants revealed any information which suggested that there are currently or historically any recognized environmental conditions associated with the subject property.

### 5.4 Reason For Performing Phase I ESA

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E 1527-13) in connection with the Subject Property. Beacon Environmental Consultants, LLC understands that the findings of this study will be used to evaluate a pending financial transaction in connection with the Subject Property.

The Phase I ESA is being conducted as part of environmental due diligence prior to property transfer or refinancing.

## 6.0 RECORDS REVIEW

### 6.1 Standard Environmental Records Sources

Beacon Environmental Consultants, LLC contracted Environmental Data Resources, Inc. (EDR) to conduct a search of Federal and State databases containing known and suspected sites of environmental contamination. The number of listed sites identified within the approximate minimum search distance (AMSD) from the Federal and State environmental records database listings specified in ASTM Standard E 1527-13 are summarized in the following table. Detailed information for sites identified within the AMSDs is provided below, along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the subject property. Copies of the EDR research data and a description of the databases are included in Appendix D of this report.

#### Map Findings Summary

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1	0	1	0	0	NR	1
RCRA-LQG		0.25	0	0	NR	NR	NR	0
US BROWNFIELDS		0.5	0	2	1	NR	NR	3
UST		0.25	2	2	NR	NR	NR	4
LAST	X	0.5	1	4	15	NR	NR	21
AST		0.25	0	2	NR	NR	NR	2
SPILLS		TP	NR	NR	NR	NR	NR	0
VCP		0.5	0	3	1	NR	NR	4
BROWNFIELDS		0.5	0	0	0	NR	NR	0
SPILLS 90		TP	NR	NR	NR	NR	NR	0
SPILLS 80		TP	NR	NR	NR	NR	NR	0

#### 6.1.1 Regulatory File Review

Beacon identified the subject property as a MEDEP listed spill site due to the release of approximately five gallons of heating oil. The spillage was noted by a C.N. Brown driver and it appeared to have been historic and possibly from a previous supplier (Webber Energy). The C.N. Brown driver cleaned up the spill with sorbent pads and no further action was required by the MEDEP.

### 6.2 Additional Environmental Record Sources

No additional environmental record sources were identified.

### 6.3 General Site Setting

The property is currently vacant and contains one former school building.

#### 6.3.1 Topography

Based on a review of the 2014 USGS topographic map for the site area, groundwater is inferred to flow to the southwest toward the Presumpscot River.

#### 6.3.2 Surface Water Bodies

The nearest surface water in the vicinity of the Property is the Presumpscot River located approximately 800 feet to the southwest of the Property. No surface water is located on the Property.

#### 6.3.3 Geology and Hydrology

Based on the Surficial Geology Map of the Gorham Quadrangle, Maine (Smith, 1999), the property is underlain by Till. Till is defined as gray to gray-brown poorly sorted mixture of silt, sand, pebbles, cobbles, and boulders. It forms a blanket deposit over bedrock and is inferred to underlie younger sediments where not exposed to the surface. See Appendix H for a copy of this map.

### 6.3.3 Geology and Hydrology (continued)

Based on the Bedrock Geologic Map of Maine (Osberg, Hussey, and Boone 1985), the Site is underlain by the Vassalboro Formation which may have occurred during the Silurian-Ordovician Era. This formation consists of Calcareous sandstone; interbedded sandstone and impure limestone. See Appendix H for a copy of this map.

A review of the Significant Sand and Gravel Aquifer Map of the Gorham Quadrangle, Maine (Neil, 1998) did not indicate sand and gravel aquifers on the property. See Appendix H for a copy of this map.

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map #230189 0025B dated September 2, 1981 indicates the the Site is not located within an area between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depth of less than one (1) foot or where the contributing drainage is less than one square mile; or areas protected by levees from the base flood. See Appendix H for a copy of this map.

## 6.4 Historical Use

### 6.4.1 Historical Summary

Historical information identifying the past site use was obtained from a variety of sources as detailed in Appendix E of this report and included: City Directories, Aerial Photographs, Sanborn Fire Insurance Maps, and/or Topographic Maps.

According to Images of America Windham compiled by Edit H. Bell:

"Named for Windham's famous citizen John A. Andrew, the first J.A. Andrew School was in operation in 1899, repaired in 1909, and then replaced with this building in 1924. It was used for many years as an elementary school and was enlarged to accommodate the increasing number of pupils."

### 6.4.2 Title Records

Beacon performed a review of historical ownership at the Cumberland County Registry of Deeds. This search does not constitute a Title Search but was performed to attempt to identify past uses that could pose a risk to the environment. Previous usage as a school does not pose such a risk.

#### Summary

Information Source	Date(s)	Book/Page	Listed Owner
Town of Windham	October 1, 2012	300002/222	Regional School Unit 14
Parcel 1			
Cumberland County Registry of Deeds	April 29, 1953	2127/447	Town of Windham
Parcel 2			
Cumberland County Registry of Deeds	May 5, 1953	2118/459	Town of Windham
Parcel 3			
Cumberland County Registry of Deeds	September 23, 1886	574/281	Inhabitants of School District No. 2

### 6.4.3 City Directories

Beacon reviewed city directories for the subject and adjoining properties provided by EDR that covered the years 1964 through 2014. The Subject Property address was first listed in 1989 as John A Andrew Elementary School.

#### Summary

Date(s)	Property Comments	Surrounding Area Comments
1964	Not Listed	No Street
1968	Not Listed	No Street
1972	Not Listed	No Street
1989	John A Andrew Elementary School	43 High Street - Lyle Furlong 44 High Street - Kurt Johnson, Jr. 48 High Street - Town Tile Company

### 6.4.3 City Directories (continued)

Date(s)	Property Comments	Surrounding Area Comments
		50 High Street - Anthony Ross Androscoggin Street 54 High Street - Cindy Smutz 56 High Street - Duane Allen 58 High Street - Todd Villacci, Villacci Builders, Tiny Tots Daycare  59 High Street - Kenneth Jackson
1992	J A Andrew Primary School	49 High Street - Thos Laskey 50 High Street - Fowler Franklin 54 High Street - Terry and Cynthia Smutz 56 High Street - Duane Allen 58 High Street - Todd Villacci 60 High Street - Arnold Randall, Michelle Randall 61 High Street - Wayne True
1995	J A Andrew Primary School	37 High Street - Pamela Wiley 58 High Street - Villacci Builders
2000	Windham Real School	43 High Street - Occupant Unknown 46 High Street - William Eskilson 48 High Street - Occupant Unknown 50 High Street - Maine Enterprises, Inc., Doreen Mattson 54 High Street - Cynthia Smutz 56 High Street - Kathy Reynolds 58 High Street - Todd Villacci 59 High Street - Kenneth Jackson
2005	Windham School District	43 High Street - Paul Coffin 44 High Street - Occupant Unknown 46 High Street - William Eskilson 48 High Street - Kenneth Thorpe 50 High Street - Maine Enterprises, Inc., Doreen Mattson 54 High Street - Cynthia Smutz 56 High Street - Kathy Reynolds 58 High Street - Todd Villacci 59 High Street - Kenneth Jackson
2010	Not Listed	43 High Street - David Belmont 44 High Street - Christopher Kamppi 46 High Street - Lucinda Boxill 48 High Street - Timothy Kelley 50 High Street - Maine Enterprises, Inc., Doreen Mattson 56 High Street - Jim's Lawncare and Snow Removal, Kathy Reynolds 58 High Street - Antonio Villacci 59 High Street - Kenneth Jackson
2014	Not Listed	43 High Street - Charlene Morin 44 High Street - Christopher Kamppi 46 High Street - Lusenda Boxill 50 High Street - Doreen Mattson 58 High Street - Micheal Godin 59 High Street - Kenneth Jackson

#### 6.4.4 Aerial Photos

Available aerial photographs dated 1940, 1956, 1960, 1970, 1986, 1998, 2003, 2011, and 2015 from EDR were reviewed for this Environmental Site Assessment. Copies of selected photographs are included in Appendix C of this report.

##### Summary

Date(s)	Property Comments	Surrounding Area Comments
1940	School	Residential to the north, south, and west Road to the west Farmland to the east
1956	School (expanded from previous photo)	Residential to the north, south, and west Road to the west Farmland to the east
1960	School	Residential to the north, south, and west Road to the west Farmland to the east
1970	School	Residential to the north, south, and west Road to the west Farmland to the east
1986	School	Residential to the north, south, and west Road to the west Farmland to the east
1998	School	Residential to the north, south, east, and west Road to the west
2003	School	Residential to the north, south, east, and west Road to the west
2011	School	Residential to the north, south, east, and west Road to the west
2015	School	Residential to the north, south, east, and west Road to the west

#### 6.4.5 Sanborn/Historical Maps

Available Sanborn maps dated 1922, 1934, and 1944, from EDR were reviewed for this Environmental Site Assessment. Copies of Sanborn maps are included in Appendix C of this report.

##### Summary

Date(s)	Property Comments	Surrounding Area Comments
1922	Gov Andrew School and small shed	Dwellings to the south, north, and west Androscoggin Road across High Street to the west
1934	Gov Andrew School (larger structure)	Dwellings to the south, north, and west Androscoggin Road across High Street to the west
1944	Gov Andrew School	Dwellings to the south, north, and west Androscoggin Road across High Street to the west

#### 6.4.6 Historical Topographic Maps

Available topographic maps dated 1891, 1893, 1914, 1916, 1918, 1941, 1944, 1950, 1957, 1970, 1975, and 2014 from EDR were reviewed for this Environmental Site Assessment. Copies of selected maps are included in Appendix C of this report. A summary of topographic maps are provided below.

## 6.4.6 Historical Topographic Maps (continued)

### Summary

Date(s)	Quad	Property Comments	Surrounding Area Comments
1891	Portland	Undeveloped	Undeveloped
1893,1894	Portland,Gray	Undeveloped	Undeveloped
1914	Portland	School	Undeveloped to the north, south, and east Road and residences to the west
1916,1916	Portland,Portland And Vicinity	School	Undeveloped to the north and east Residence to the south Road and residences to the west
1918	Portland And Vicinity	School	Undeveloped to the north and east Residence to the south Road and residences to the west
1941,1942	Portland,Gray	School	Undeveloped to the north and east Residence to the south Road and residences to the west
1944	Gorham	School	Undeveloped to the east Residence to the north and south Road and residences to the west
1950	Gorham	School	Undeveloped to the east Residence to the north and south Road and residences to the west
1957,1957	North Windham,Gorham	Andrew School (Larger structure)	Undeveloped to the east Residence to the north and south Road and residences to the west
1970,1970	Gorham,North Windham	Andrew School	Undeveloped to the east Residence to the north and south Road and residences to the west
1975	Gorham	Andrew School	Undeveloped to the east Residence to the north and south Road and residences to the west
2014,2014	Gorham,North Windham	Nothing depicted	Road to the west

## 6.4.7 Other Environmental Reports

Beacon conducted a file review with the Maine Department of Environmental Protection (MEDEP) on December 6, 2017. One spill report was identified during this file review. See Section 6.1.1 for a discussion of this spill report.

## 6.4.8 Building Department Records

Beacon contacted the Town of Windham Code Enforcement Office (CEO) for building records. No concerns were noted in the file.

## 6.5 Environmental Liens and Activity/Use Limitations

No environmental liens and Activity/Use Limitations were found to be associated with the property.

## 7.0 SITE RECONNAISSANCE

### 7.1 Methodology and Limiting Conditions

The site reconnaissance was conducted on 11/20/2017 by John K Cressey, CG, PG, President with Beacon Environmental Consultants, LLC, accompanied by Mr. Mike Duffy of RSU 14. Weather conditions at the time of the site reconnaissance were sunny and 35 degrees Fahrenheit. The visual reconnaissance consisted of observing the boundaries of the property and systematically traversing the site to provide an overlapping field of view, wherever possible. The periphery of the on-site structure was observed along with interior accessible common areas. Photographs of pertinent site features identified during the site reconnaissance are included in Appendix B.

### 7.2 General Site Setting

The property consists of approximately 2.4 acres and is developed with an approximately 4,438 square-foot, former school building. The ground surface at the site slopes gently downward to the southwest and northeast as the school is on the top of a ridge. Groundcover consists primarily of the building, landscaped green areas, gravel, and sparsely vegetated soil. The subject property is accessed from the west via an entrance from High Street.

### 7.3 Site Visit Findings

#### 7.3.1 Hazardous Substances

No hazardous substances were identified on the subject property during the site reconnaissance.

#### 7.3.2 Petroleum Products

No petroleum products were identified on the subject property during the site reconnaissance.

#### 7.3.3 USTs

No readily apparent evidence of underground storage tanks (USTs) was identified on the subject property during the site reconnaissance.

#### 7.3.4 ASTs

No readily apparent evidence of above ground storage tanks (ASTs) was identified on the subject property during the site reconnaissance.

#### 7.3.5 Other Suspect Containers

No other suspect containers were identified on the subject property during the site reconnaissance.

#### 7.3.6 Equipment Likely to Contain PCBs

No equipment likely to contain PCBs was observed in the subject building during the site reconnaissance.

Based on the age of the structure and the past usage as a municipal building (school), the potential exists for PCB to be present in the paint and/or caulk within building components.

#### 7.3.7 Interior Staining/Corrosion

No interior staining or corrosion was observed in the subject building during the site reconnaissance.

#### 7.3.8 Discharge Features

No discharge features (floor drains, catch basins, oil/water separators, etc.) were observed on the subject property during the site reconnaissance.

### **7.3.9 Pits, Ponds, And Lagoons**

No pits, ponds or lagoons were observed on the subject property during the site reconnaissance.

### **7.3.10 Solid Waste Dumping/Landfills**

No readily apparent evidence of solid waste dumping, suspect fill material, or landfills was identified on the subject property during the site reconnaissance.

### **7.3.11 Stained Soil/Stressed Vegetation**

No Stained Soil/Stressed Vegetation was observed on the subject property during the site reconnaissance.

### **7.3.12 Wells**

No wells were observed on the subject property during the site reconnaissance.

## 8.0 INTERVIEWS

Beacon completed interviews with RSU staff, the Town of Windham Code Enforcement Officer, MEDEP staff, and the User.

Beacon obtained information requested in a questionnaire via email from Mr. Bill Hansen of RSU 14. Mr Hansen Indicated:

- The area has always been a school to the best of his knowledge, unknown if there were any USTs.
- The building had two internal oil tanks that were taken out when the RSU removed half of the building.
- All asbestos that was identified has been removed.
- He was not aware of any other chemical issues.
- The original wooden building was built in 1924 and the brick addition that now stands was added sometime around 1950 +/-.

## 9.0 OTHER ENVIRONMENTAL CONSIDERATIONS

Beacon took into consideration asbestos-containing materials (ACM), lead-based paint (LBP), radon, wetlands, and mold.

### Asbestos-Containing Materials

Asbestos is the name for a group of naturally occurring silicate minerals that can be separated into fibers. The fibers are strong, durable, and resistant to heat and fire. They are also long, thin and flexible, so they can even be woven into cloth. Because of these qualities, asbestos has been used in thousands of consumer, industrial, maritime, automotive, scientific and building products. During the 20th century, some 30 million tons of asbestos have been used in industrial sites, homes, schools, shipyards and commercial buildings in the United States. Common ACMs include pipe-covering, insulating cement, insulating block, refractory and boiler insulation materials, transite board, fireproofing spray, joint compound, vinyl floor tile, ceiling tile, mastics, roofing products, and duct insulation for HVAC applications. Inhalation of asbestos fibers can result in deleterious health effects. Due to the age of the structure, ACM may be present within the structure although Mr. Duffy indicated that an abatement was completed prior to demolition of the older section of the school.

### Lead-Based Paint

The main structure was constructed in 1953 and therefore may contain lead-based paint (LBP). Renovations completed should take this fact into consideration prior to grinding or sandblasting painted surfaces.

### Radon

Radon gas is a product of the decay series that begins with uranium. Radon is produced directly from radium, which can be commonly found in bedrock that contains black shale and/or granite. Radon gas can migrate through the ground and enter buildings through porous concrete or fractures. Radon tends to accumulate in poorly ventilated basements. Long-term exposure to radon has been associated with lung cancer. According to the EDR Database Search, the Federal Radon Zone for Cumberland County is 1. Zone 1 indoor average is >4 picocuries per Liter (pCi/L).

### Wetlands

According to the United States Fish and Wildlife Service Wetlands Mapper database, a riverine wetland is located 0.14 miles to the west of the subject property as a portion of the Presumpscot River. See Appendix H for a copy of the wetlands map.

### Microbial Contamination (Mold)

In accordance with the scope of work, the site reconnaissance is to include a visual inspection for indications of water intrusions or the presence of active mold growth on readily accessible interior and exterior surfaces. Confirmation sampling is not included in the scope of work for the Phase I ESA. Readily accessible areas of the building were observed for visual or olfactory indications of mold, and for areas of water damage. Mold was not observed in the structure.

## FINDINGS

Due to the age of the structure, PCBs, ACM, and LBP may be present in building components. Radon gas may be present.

## OPINIONS

Beacon recommends that samples of paint and caulking should be collected for analysis of PCBs and an ACM and LBP survey should be completed to document their potential for being within building components. A radon gas survey should also be completed to document the potential for indoor air threats.

## CONCLUSIONS

Beacon did not identify any current RECs associated with the property.

An Historic REC exists on the property:

- Past spillage associated with a former AST.

Environmental Conditions exist on the property:

- Potential for ACM in building components
- Potential for LBP in building components
- Potential for PCBs in building components
- Potential for elevated radon gas within the structure

## REFERENCES

Images of America Windham compiled by Edith H. Bell, Published by Arcadia Publishing, 1996.

EDR Database Search, completed December 13 , 2017.

Surficial Geology Map of the Gorham Quadrangle, Maine (Smith, 1999).

Bedrock Geologic Map of Maine (Osberg, Hussey, Boone 1985).

Significant Sand and Gravel Aquifer Map of the Gorham Quadrangle, Maine (Neil, 1998).

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map #2301890025B, September 2, 1981

Town of Windham Code Enforcement Department, files reviewed on November 21, 2017.

# **Appendix A:**

## **Figures**



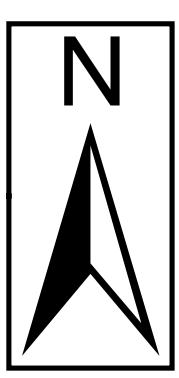
**FIGURE 1**  
**J A ANDREW SCHOOL**  
**55 High Street**  
**Windham, Maine 04062**

**PREPARED FOR:** Town of Windham  
**PROJ. MGR:** John Cressey  
**DRAWN BY:** John Cressey

**DATE:** 12/13/2017  
**PROJ. #:** BE-076



**FIGURE 2: SITE PLAN**  
Project No.: BE-076



THESE MAPS ARE FOR ASSESSMENT PURPOSES ONLY AND ARE NOT FOR CONVEYANCE.

These Tax Maps are based on original maps compiled by James W. Sewall Co.

## TOWN OF WINDHAM CUMBERLAND COUNTY, MAINE 2016 PROPERTY MAPS

SOURCES:  
Windham Tax Assessor's Office  
Completion Date: April 1, 2016  
UTM NAD83 Z19N  
Prepared by: Windham GIS Dept.  
Scale is based on printing  
at 24" x 36".

**Legend**

- Cemetery
- Condominium
- Farmstead
- Hook
- Old Property Lines
- PWD ROW Easement
- ROW Easement
- Streams
- Subdivision Number
- Tie Line
- Town Line
- Utility
- Vacated Subdivision
- Subject Map

Map 37



## **Appendix B:**

## **Photographs**



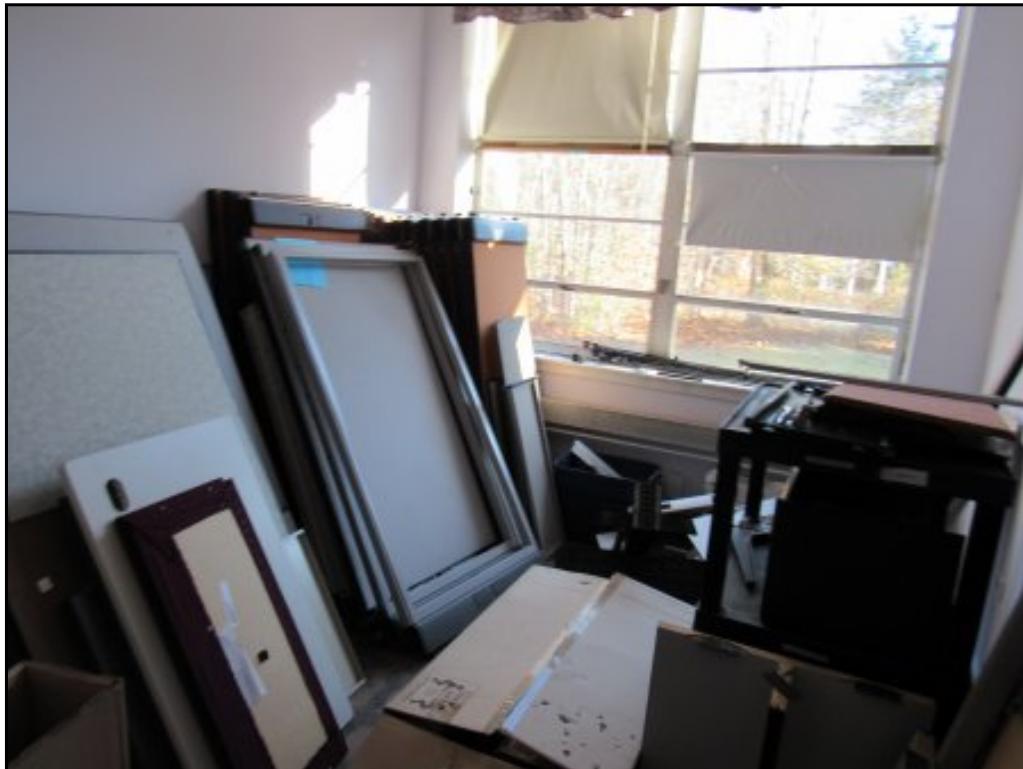
View of the structure from the southwest.



Interior classroom.



Interior classroom.



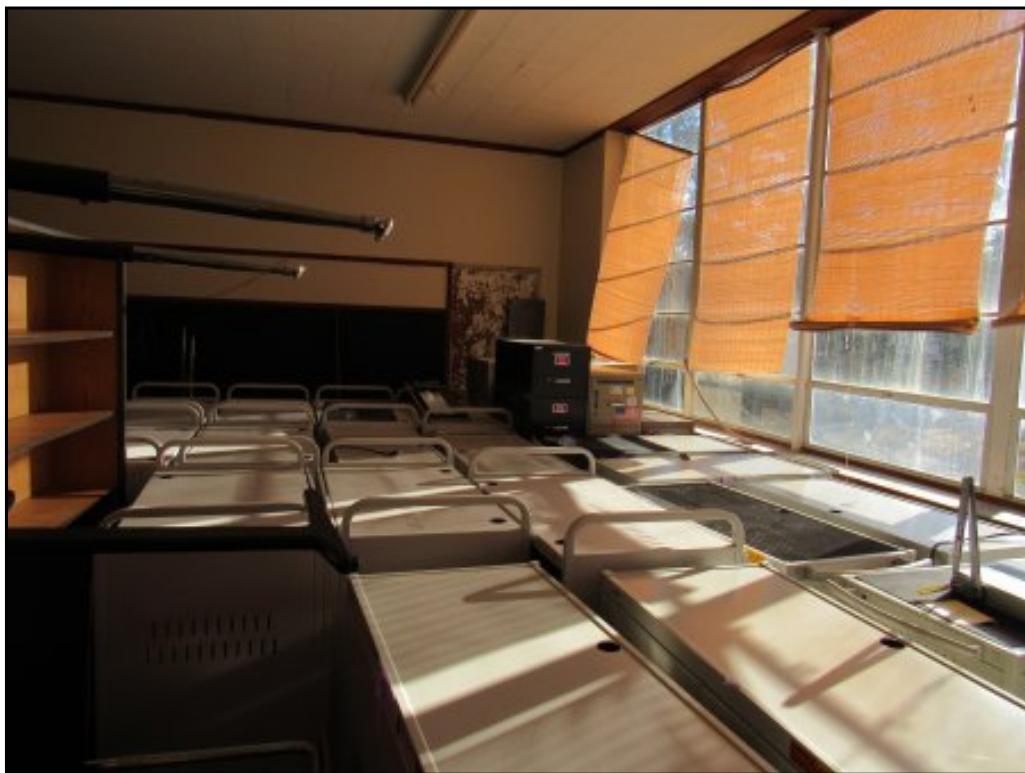
Storage in one of the former classrooms.



Storage.



Storage.



Front classroom.



Hallway within the structure.



View of the rear of the school.



View along the southern side of the school.



View of the grassed area to the south of the school.



View of the southern exterior of the school.



View of the school from High Street to the west.



View of the northern exterior of the school.



View of the location of the former school from the east.



View of the northeastern portion of the property.



View of the location of the former school and a residence beyond to the north.



View of the residences across High Street to the west.

# **Appendix C:**

## **Historical Research**

**JA Andrews School**

55 High Street  
Windham, ME 04062

Inquiry Number: 5136264.5  
December 13, 2017

## The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

**Executive Summary**

**Findings**

**City Directory Images**

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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

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## EXECUTIVE SUMMARY

### **DESCRIPTION**

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### **RECORD SOURCES**

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by



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### **RESEARCH SUMMARY**

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<b><u>Year</u></b>	<b><u>Target Street</u></b>	<b><u>Cross Street</u></b>	<b><u>Source</u></b>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1989	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1972	<input type="checkbox"/>	<input type="checkbox"/>	Price & Lee's City Directory
1968	<input type="checkbox"/>	<input type="checkbox"/>	Price & Lee's City Directory
1964	<input type="checkbox"/>	<input type="checkbox"/>	Price & Lee's City Directory

## FINDINGS

### TARGET PROPERTY STREET

55 High Street  
Windham, ME 04062

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

#### HIGH ST

2014	pg A1	EDR Digital Archive
2010	pg A2	EDR Digital Archive
2005	pg A3	EDR Digital Archive
2000	pg A4	EDR Digital Archive
1995	pg A5	EDR Digital Archive
1992	pg A6	EDR Digital Archive
1989	pg A7	Polk's City Directory
1972	-	Price & Lee's City Directory
1968	-	Price & Lee's City Directory
1964	-	Price & Lee's City Directory

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**HIGH ST      2014**

31      EATON MARVIN  
ERIN LIBBY  
36      LIBBY, ANNE M  
37      WILEY, GERALD B  
38      SPRAGUE, DAVID W  
41      WITTMAN, ELMER L  
42      MADDIN, JAMES M  
43      MORIN, CHARLENE M  
44      KAMMPI, CHRISTOPHER P  
46      BOXILL, LUSENDA F  
50      MATTSON, DOREEN M  
58      GODIN, MICHAEL L  
59      JACKSON, KENNETH L  
65      MCGILL, DAVID W  
68      FOGG, DERECK G  
71      PALMER, ANDREW P

**HIGH ST      2010**

31 EATON MARVIN  
ERIN LIBBY  
32 DALET DESIGN  
PROFESSIONAL REIMBURSEMENT SVCS  
36 LIBBY, ANNE M  
37 WILEY, GERALD B  
38 SPRAGUE, DAVID W  
41 OCCUPANT UNKNOWN,  
42 MADDIN, JAMES M  
43 BELMONT, DAVID  
44 KAMPPPI, CHRISTOPHER P  
46 BOXILL, LUCINDA F  
48 KELLEY, TIMOTHY S  
50 MAINE ENTERPRISES INC  
MATTSON, DOREEN M  
56 JIM S LAWCARE SNOW REMOV  
REYNOLDS, KATHY A  
58 VILLACCI, ANTONIO  
59 JACKSON, KENNETH L  
60 BINETTE, MICHELLE  
65 MCGILL, DAVID W  
68 LASKEY, MERRILL T  
71 PALMER, ANDREW P

**HIGH ST      2005**

31	EATON MARVIN
36	LIBBY, ANNE M
37	WILEY, GERALD B
38	SPRAGUE, DAVID W
41	WITTMAN, ELMER L
42	MADDIN, JAMES
43	COFFIN, PAUL C
44	OCCUPANT UNKNOWN,
46	ESKILSON, WILLIAM G
48	THORPE, KENNETH J
50	MAINE ENTERPRISES INC
	MATTSON, DOREEN M
54	SMUTZ, CYNTHIA L
55	WINDHAM SCHOOL DISTRICT
56	REYNOLDS, KATHY A
58	VILLACCI, TODD J
59	JACKSON, KENNETH L
60	RANDALL, ARNOLD P
65	MCGILL, DAVID M
68	HOLMES, RAY E
	LASKEY, MERRILL T
71	PALMER, ANDREW P

**HIGH ST      2000**

31      EATON MARVIN  
36      MANNETTE, BRIAN R  
37      WILEY, PAMELA  
38      OCCUPANT UNKNOWN,  
41      WITTMAN, ELMER  
42      SARGENT, ARLENE W  
43      OCCUPANT UNKNOWN,  
44      SPEAR, STEPHEN  
46      ESKILSON, WILLIAM  
48      OCCUPANT UNKNOWN,  
50      MAINE ENTERPRISES INC  
54      SMUTZ, CYNTHIA  
55      WINDHAM REAL SCHOOL  
56      REYNOLDS, KATHY A  
58      VALLEY BROOK WOOD PRODUCTS  
          VB WOOD PRODUCTS  
          VILLACCI, TODD  
59      JACKSON, KENNETH  
60      RANDALL, ARNOLD P  
61      TRUE, WAYNE  
63      OCCUPANT UNKNOWN,  
65      MCGILL, DAVID  
67      OCHSE, KARL  
68      HOLMES, RAYMOND E  
          LASKEY, MERRILL T

**HIGH ST      1995**

31	VILLAGE BOUTIQUE BEAUTY SHOP
32	PROFESSIONAL REIMBURSEMNT SVCS
37	WILEY PAMELA
55	J A ANDREW PRIMARY SCHOOL
58	VILLACCI BUILDERS

**HIGH ST      1992**

32      RAGS TO RICHES  
36      MANNETTE, BRIAN R  
37      WILEY, PAMELA  
38      SPRAGUE, DAVID & TINA  
41      BROWN, WM & DIANNA  
43      FURLONG, LYLE D  
46      ESKILSON, WM & STACY  
48      TOPPI, JOS & LINDA  
49      LASKEY, THOS  
50      FRANKLIN, FOWLER  
54      SMUTZ, TERRY & CYNTHIA  
55      J A ANDREW PRIMARY SCHOOL  
56      ALLEN, DUANE M  
58      VILLACCI, TODD  
60      RANDALL, ARNOLD P  
RANDALL, MICHELLE  
61      TRUE, WAYNE R  
65      MCGILL, DAVID  
67      BARROWS, K L  
GUERIN, JOHN & CAROL  
68      HOLMES, R E  
LASKEY, MERRILL T

## HIGH ST 1989

129

**HIGH POINT RD (SCARBOROUGH)  
FROM ORCHARD HILL ROAD IN A  
CIRCLE**

## ZIP CODE 04074

1★Armstrong C D @ 883-8028  
2 Milroy Henry B @ 883-4457  
3★Winch Winthrop 883-6733  
6 Kiene Ronald P @ 883-3296  
7 Johnson Glenn C @ 883-4794  
8★O'Connor Steph A @ 883-9876  
10★Peterson John J  
11★Mc Donald Francis M @ 883-2334  
12 Pierce Thomas F 883-5405  
14★Endrizzi Donald P @ 883-4485  
16★Hieronymus Leonard C 883-4252  
18 May J Joseph @ 883-6639  
May & May Educational Planning &  
Placement conslts 883-6639  
19★Barrett Dan 883-4291  
20 Dorsey Janice A Mrs @ 883-5332  
21 Lord George P @ 883-5839  
SALT MARSH CIR BEGINS  
23 Coughlin Robert C @ 883-2071  
SANDY POINT RD BEGINS  
25★Ostrander David @ 883-6971  
26 Castonguay Roger J @ 883-9632  
27 Garron Layton S @ 883-4473  
28★Mc Guire George T 883-4731

102 27★Pierce Rodney W 892-9146  
28 McDonald Carroll E 892-4062  
29 True John L @ 892-6667  
31 Eaton Marvin M @ 892-6355  
Village Boutique Beauty Shop 892-2160  
32 Vantassel Sumner J @  
35 No Return  
36★Mannette Brian R @ 892-9313  
37 Wiley Gerald B @ 892-9242  
38 Quatrano Charles R @ 892-5991  
41 Brown William E @ 892-6427  
42 Laskey Thomas J @ 892-4687  
43★Furlong Lyle D 892-2431  
44 Johnson Kurt A Jr @  
48 Town Tile Company tile contr 892-2858  
★Ciazzo John 892-2858  
50 Ross Anthony M @ 892-5475  
ANDROSCOGGIN ST ENDS  
54 Smutz Cindy L  
55 Andrew John A Elementary School  
892-4462  
56 Allen Duane M @ 892-6337  
58 Villacci Todd M @ 892-2503  
Villacci Builders Construction bldrs  
892-2503  
Tiny Tots Day Care 892-2503  
59 Jackson Kenneth L 892-9666  
60 Randall Arnold P @ 892-8216  
61 True Wayne R @ 892-8251  
65 Hale Charles A @  
66 Village Boutique beauty salon 892-2160  
67★Guerin John @ 892-5623  
★Gouette Howard R 892-5939  
68 Apartments  
1★Holmes Raymond E 892-7838  
2 Laskey Merrill T 892-4998

**HIGH ST (WESTBROOK)—FROM  
PRESUMPSCOT RIVER NORTH TO 144  
BROWN ST**

## ZIP CODE 04092

49★Garnett Ray @ 854-1129  
61 Soucy Joseph H @ 854-9434  
★O'Reilly James  
62 Duchaineau C B 854-8794  
Alcorn Shirley L @ 854-4732  
64 Lally Shirley R @ 854-2648  
Binette Pearl R 856-2116  
67 Tanguay Leo A @ 854-9280  
72★Wentworth Virginia F @  
73 McCullough Debra J @ 856-6611  
75 No Return  
76 Robinson Paul V @ 854-9635

82

130

**HIGH ST (YARMOUTH)—FROM 22  
PORTLAND ST EAST TO PLEASANT  
ST**

## ZIP CODE 04096

5 Moody William M Jr @ 846-5363  
9 Loder Elizabeth M @ 846-4548  
SANDY BROOK BEGINS  
10 Loomis Richard S Jr @ 846-3175  
11 M G Builders 846-3635  
Moynihan Eric A @ 846-9248  
14 Robinson Leonard C @ 846-5335  
17 Kiely Eugene F @ 846-5283  
Easteec Associates 846-5283  
19★No Return  
21 Root William L Jr @ 846-9404  
22 Olliver Gordon S @ 846-4508  
24★Carlson Mac 846-3683  
★Manson Dani F  
25 Farley Thos F Jr @ 846-4236  
Professional Painters Of Yarmouth contrs  
846-4236  
27 Macpherson Steph C @ 846-3069  
28 Alonzo Manuel A @ 846-9465  
★Murray Scott 846-0720

**HIGH ST (WINDHAM)—FROM  
MALLISON ST NORTHWEST TO  
DEPOT ST**

121

## ZIP CODE 04062

7 State Correctional Center 892-6716  
19 Allen Lawrence R @ 892-6219  
22 County Of Cumberland Emergency  
Management Agency 892-6785  
ELM ST BEGINS  
25 Brown Douglas M @ 892-4664  
26★Esty James M 892-9077



Boundaries are approximate



Environmental Consultants, LLC

AERIAL - 1940  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham  
PROJ. MGR: John Cressey  
DRAWN BY: John Cressey

DATE: 12/13/2017  
PROJ. #: BE-076



Boundaries are approximate



Environmental Consultants, LLC

AERIAL - 1956  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



Boundaries are approximate



AERIAL - 1960

J A ANDREW SCHOOL

55 High Street

Windham, Maine 04062

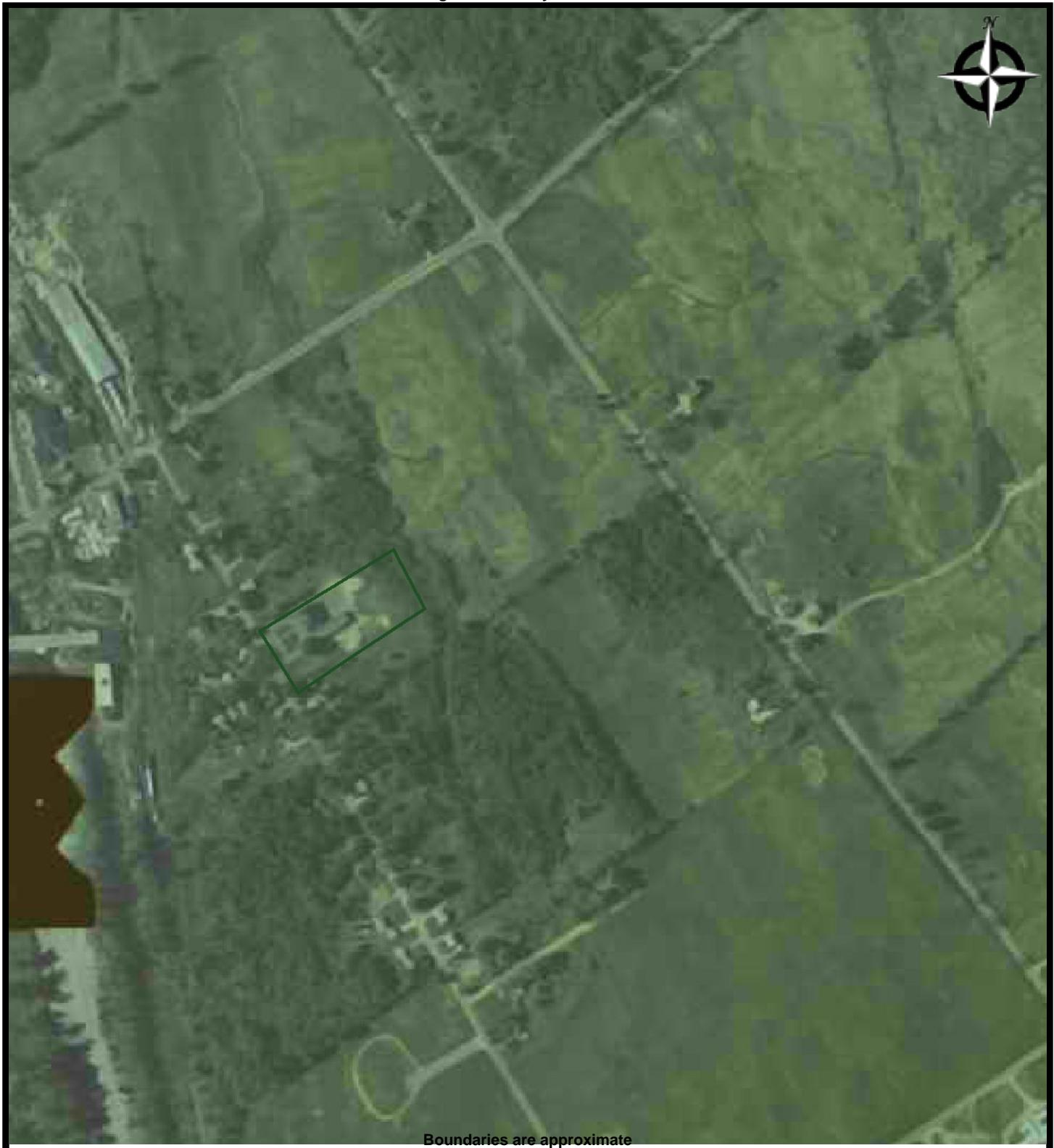
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DATE: 12/13/2017

DRAWN BY: John Cressey

PROJ. #: BE-076



AERIAL - 1970  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



Boundaries are approximate



AERIAL - 1975

J A ANDREW SCHOOL

55 High Street

Windham, Maine 04062

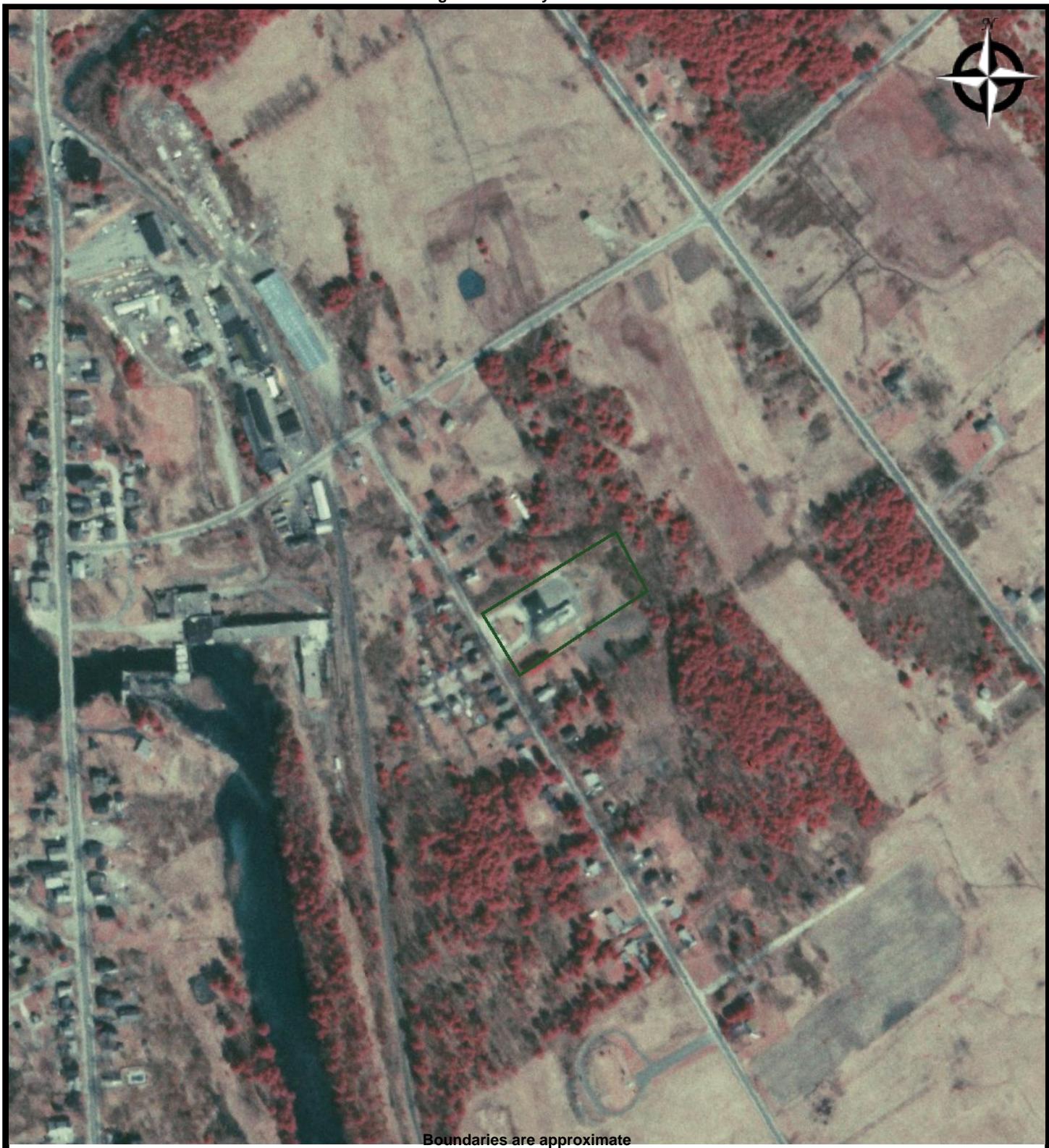
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DATE: 12/13/2017

DRAWN BY: John Cressey

PROJ. #: BE-076



Boundaries are approximate



Environmental Consultants, LLC

AERIAL - 1986  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



AERIAL - 1991  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



Boundaries are approximate



Environmental Consultants, LLC

AERIAL - 1998  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham  
PROJ. MGR: John Cressey  
DRAWN BY: John Cressey

DATE: 12/13/2017  
PROJ. #: BE-076



AERIAL - 2003  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



Boundaries are approximate



AERIAL - 2011

J A ANDREW SCHOOL

55 High Street

Windham, Maine 04062

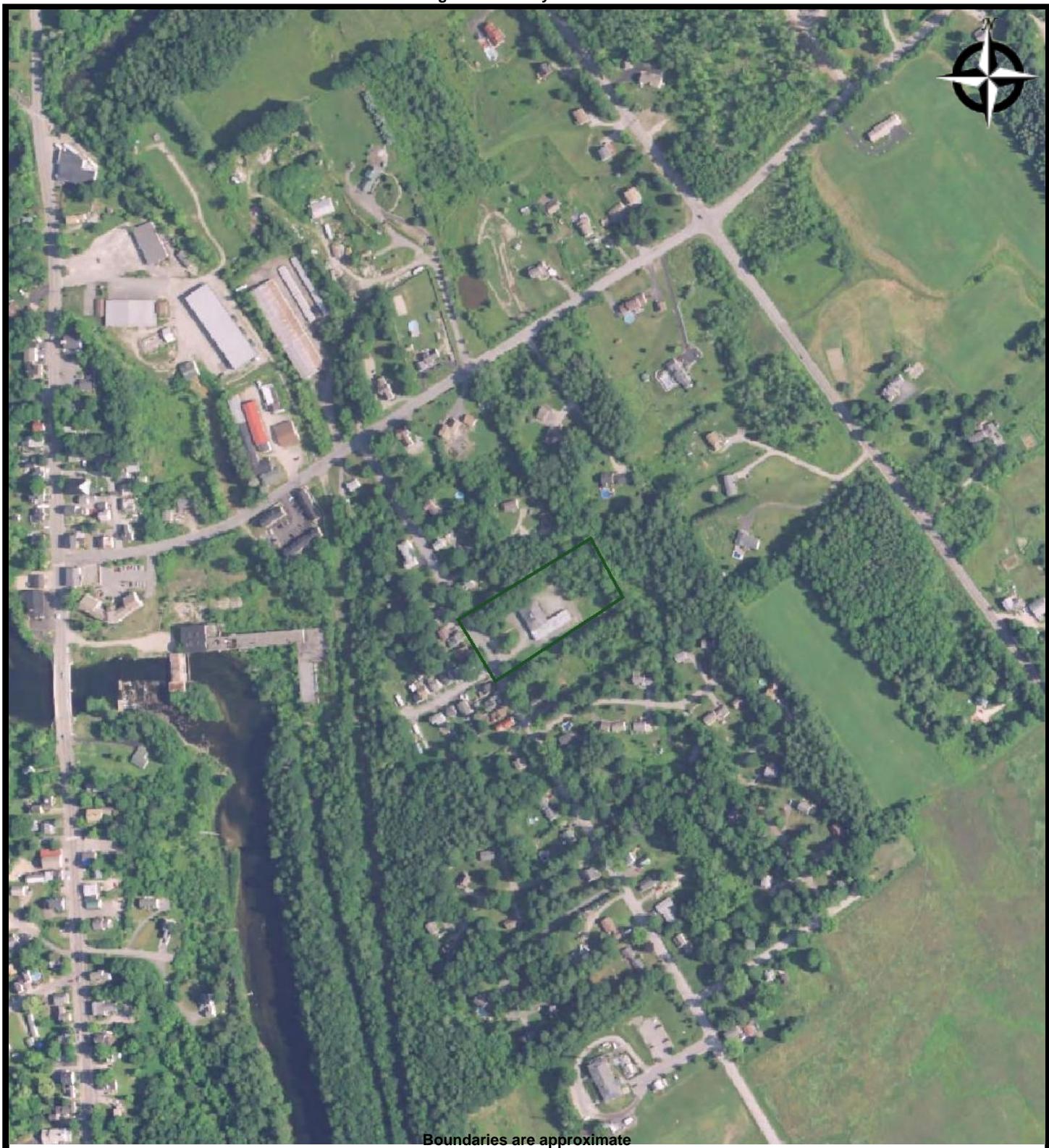
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DATE: 12/13/2017

DRAWN BY: John Cressey

PROJ. #: BE-076



Boundaries are approximate



AERIAL - 2015  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

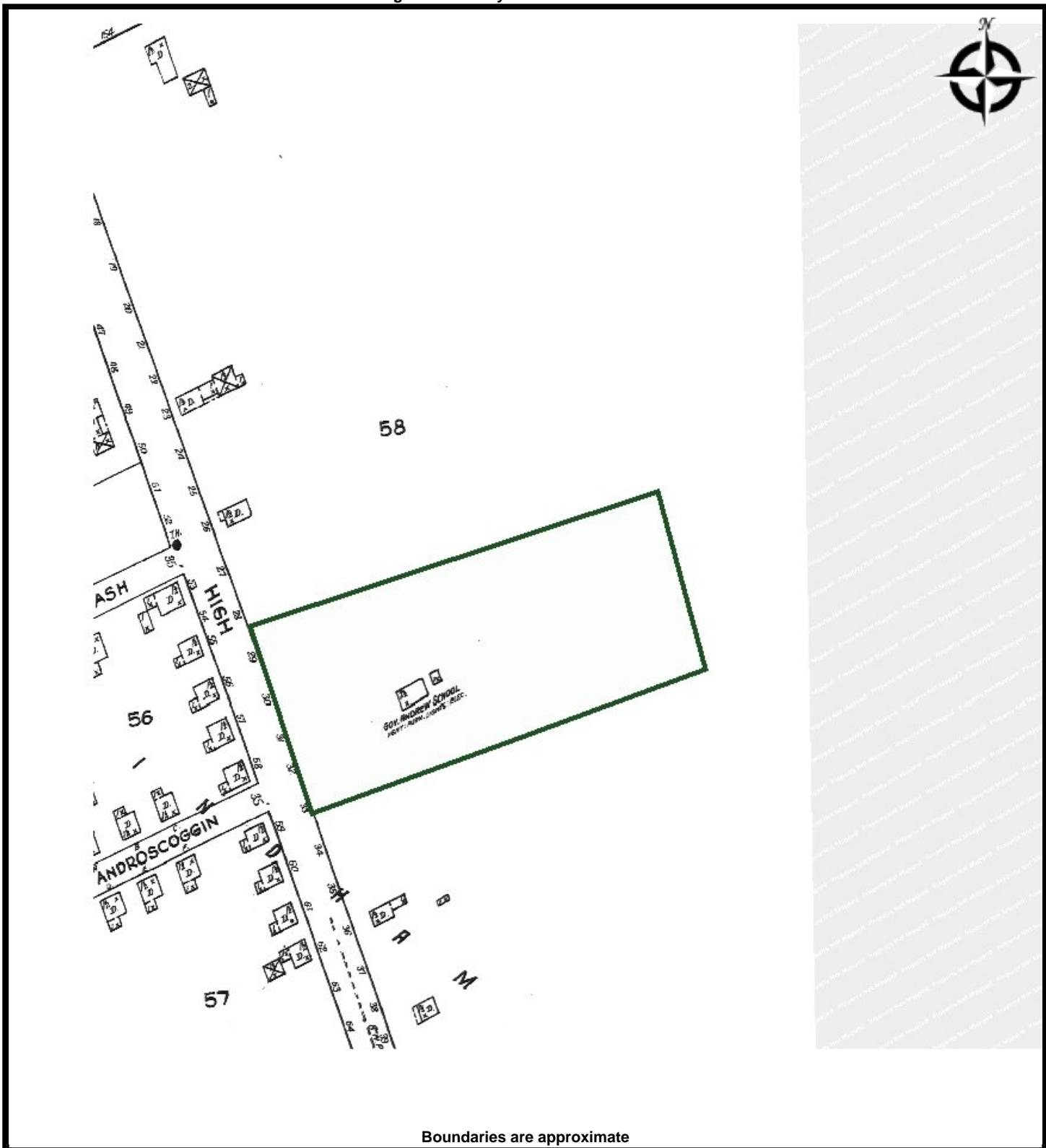
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



Boundaries are approximate



**SANBORN - 1922**  
**J A ANDRES SCHOOL**  
**55 High Street**  
**Windham, Maine 04062**

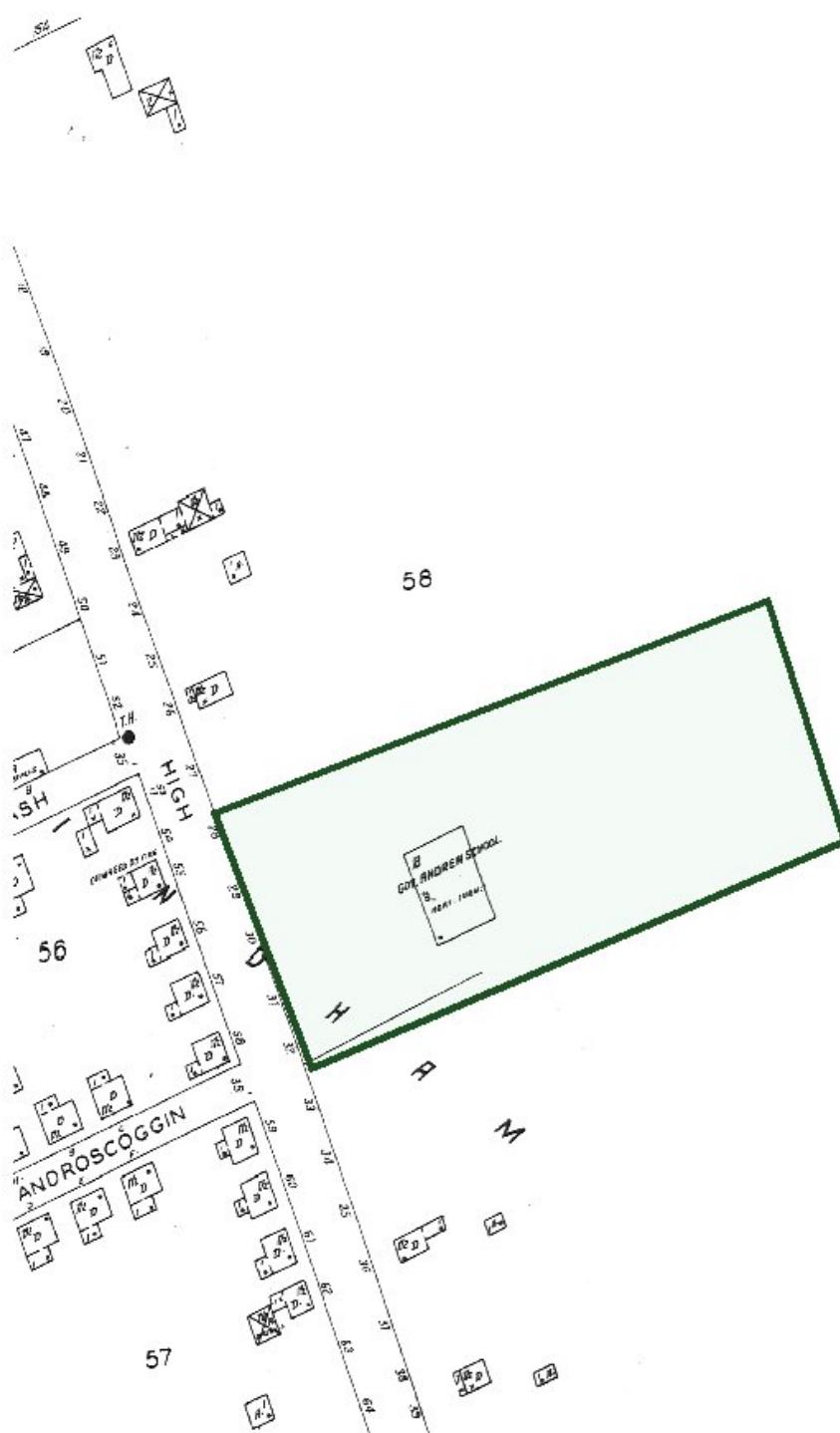
**PREPARED FOR: Town of Windham**

**PROJ. MGR: John Cressey**

**DRAWN BY: John Cressey**

**DATE: 12/13/2017**

**PROJ. #: BE-076**



Boundaries are approximate



**SANBORN - 1934**  
**J A ANDREW SCHOOL**  
**55 High Street**  
**Windham, Maine 04062**

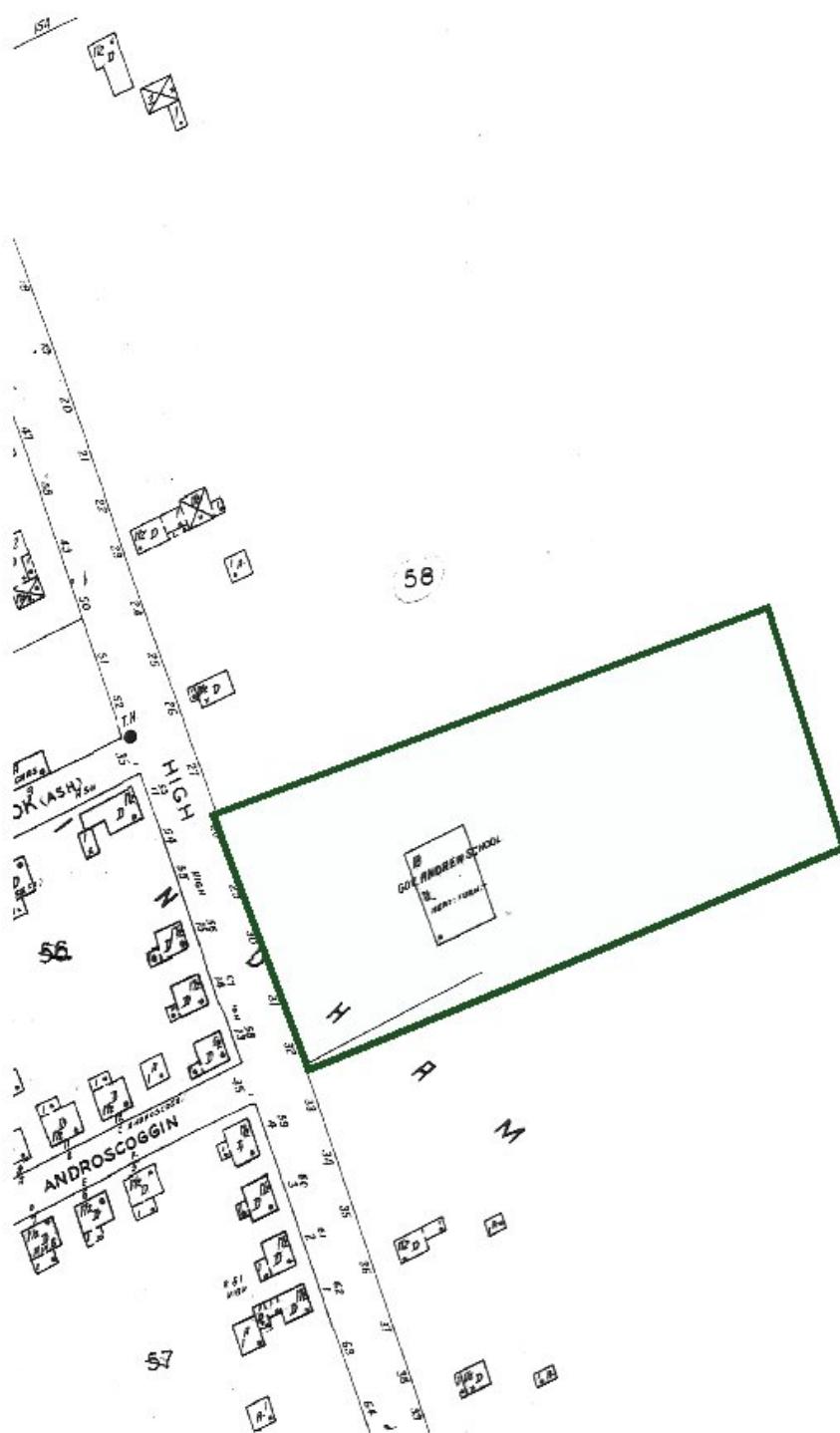
**PREPARED FOR: Town of Windham**

**PROJ. MGR: John Cressey**

**DRAWN BY: John Cressey**

**DATE: 12/13/2017**

**PROJ. #: BE-076**



Boundaries are approximate



**SANBORN - 1944**  
**J A ANDREW SCHOOL**  
**55 High Street**  
**Windham, Maine 04062**

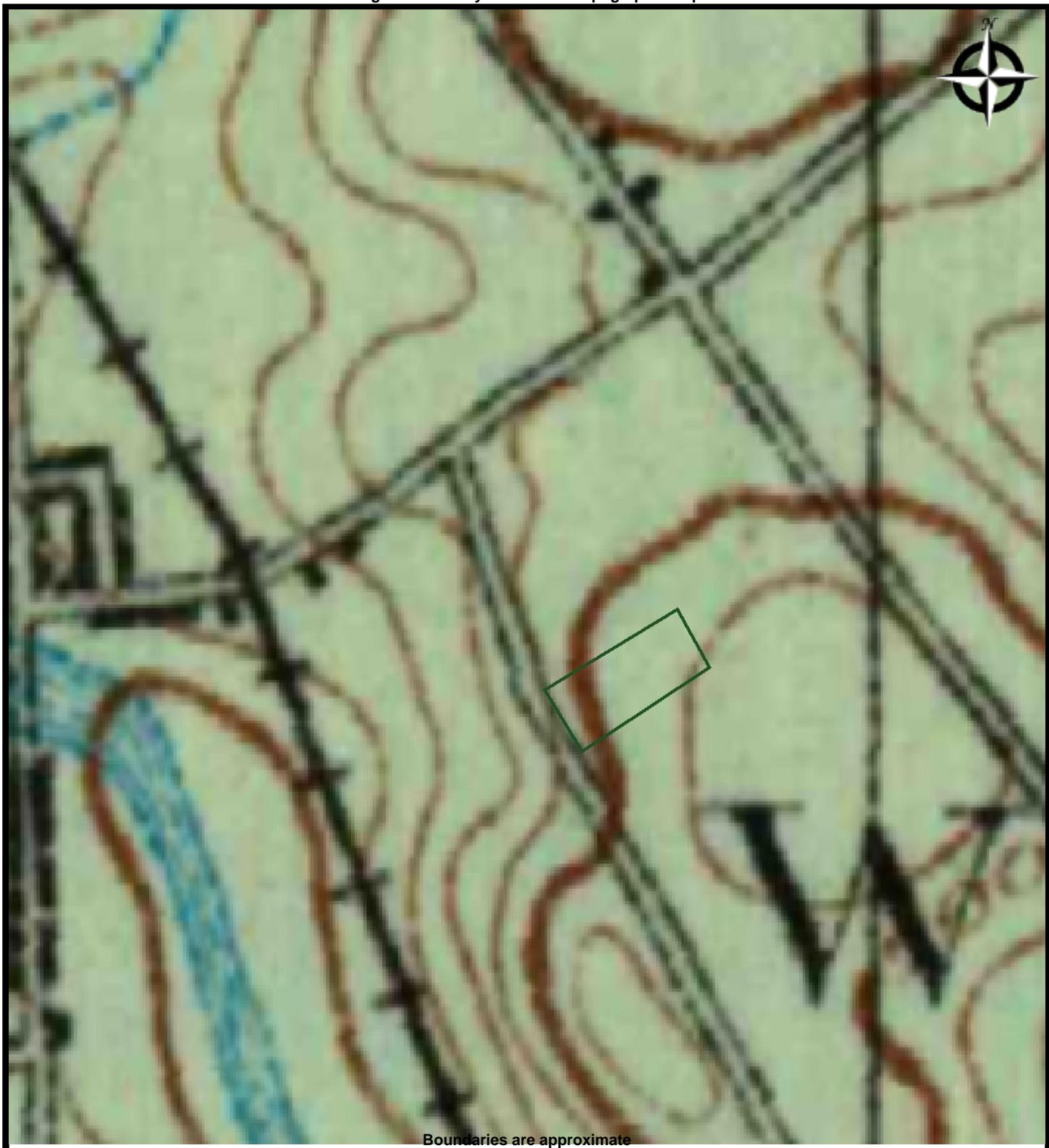
**PREPARED FOR: Town of Windham**

**PROJ. MGR: John Cressey**

**DRAWN BY: John Cressey**

**DATE: 12/13/2017**

**PROJ. #: BE-076**



Boundaries are approximate



Environmental Consultants, LLC

TOPO MAP - 1891  
JA ANDREW SCHOOL - JA ANDREWS SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham  
PROJ. MGR:  
DRAWN BY: John Cressey

DATE: 12/13/2017  
PROJ. #: BE-076



Boundaries are approximate



Environmental Consultants, LLC

TOPO MAP - 1893  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

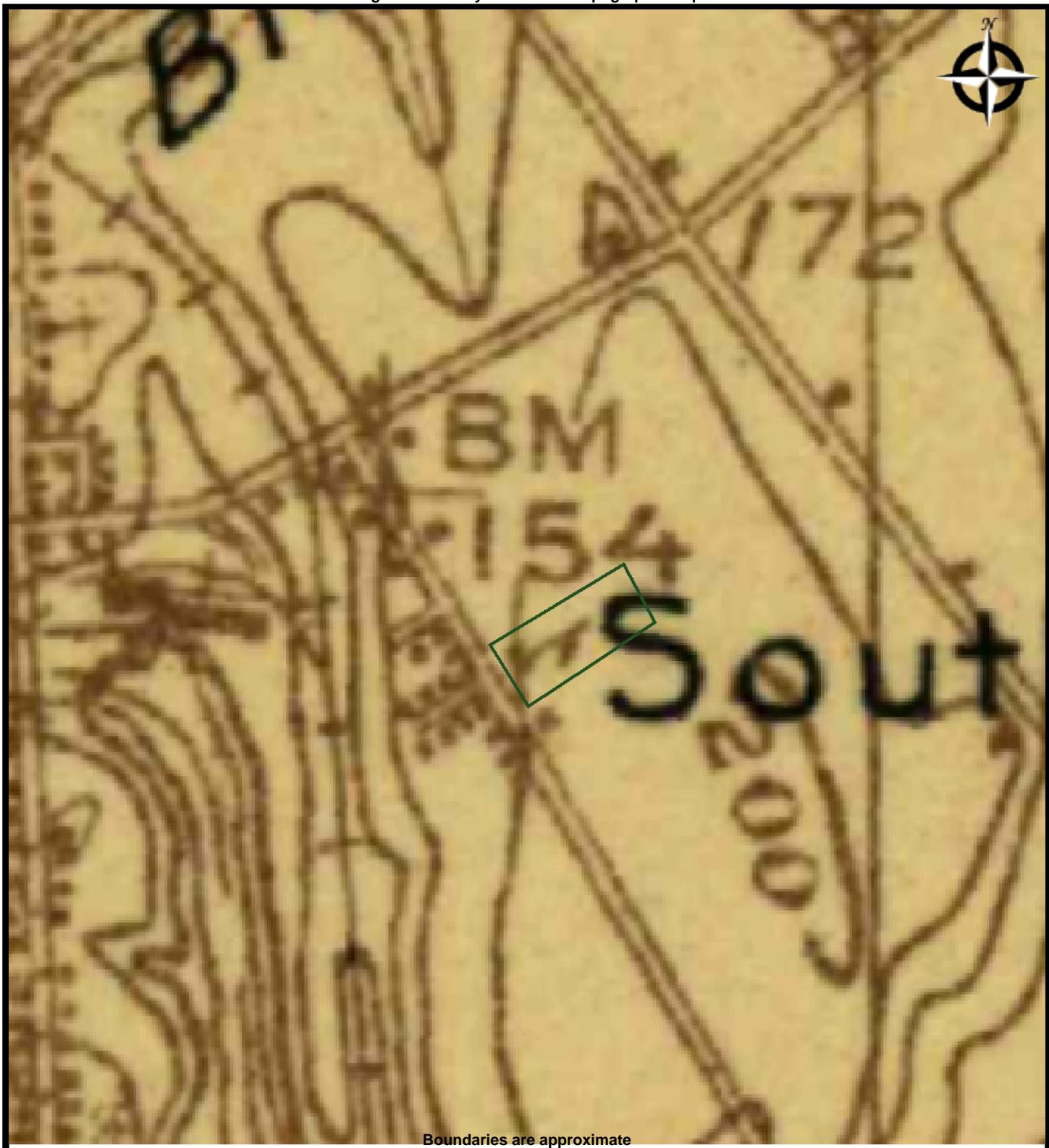
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



TOPO MAP - 1914  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

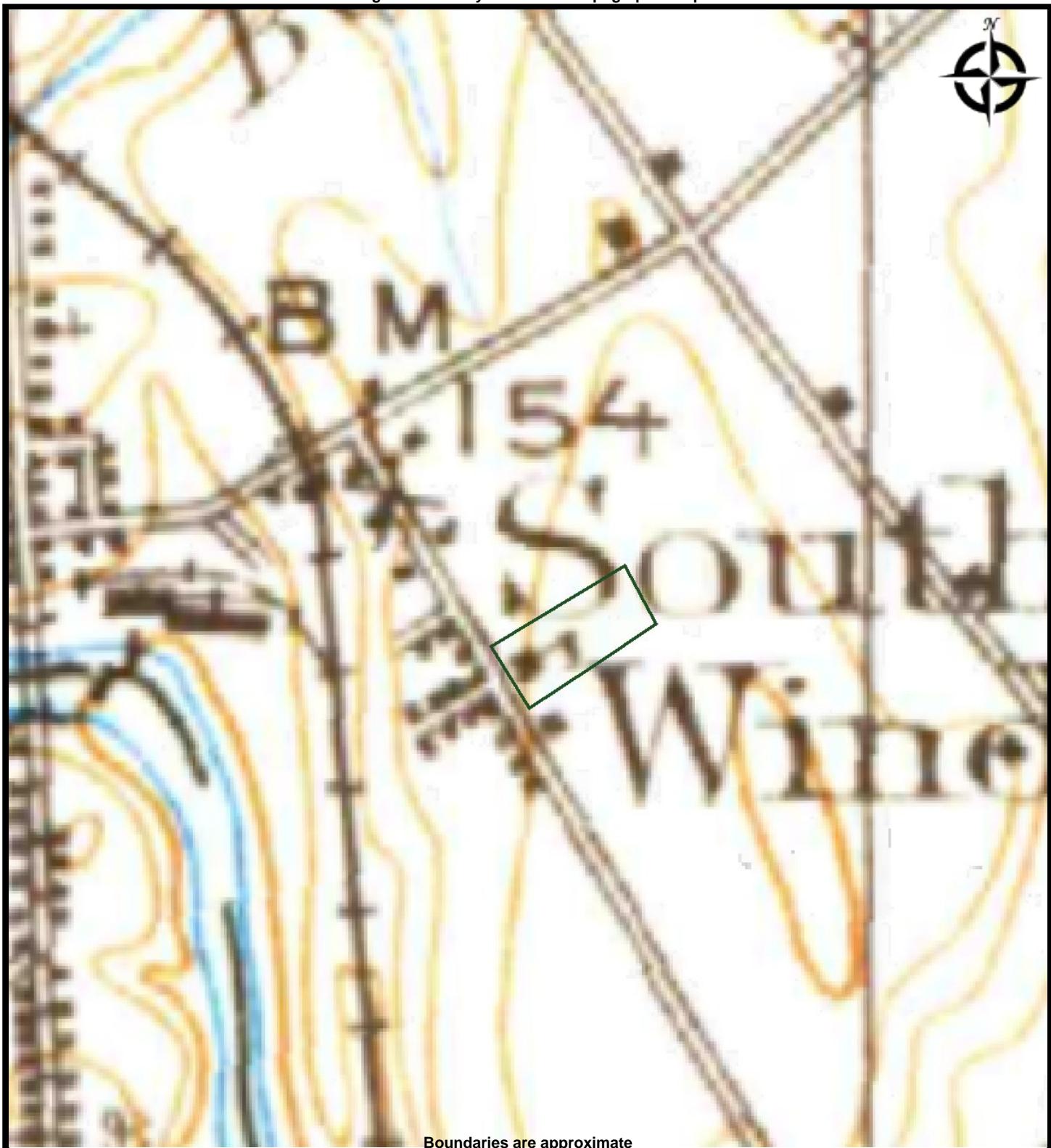
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



TOPO MAP - 1916  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham  
PROJ. MGR: John Cressey  
DRAWN BY: John Cressey

DATE: 12/13/2017  
PROJ. #: BE-076



Environmental Consultants, LLC

TOPO MAP - 1918  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

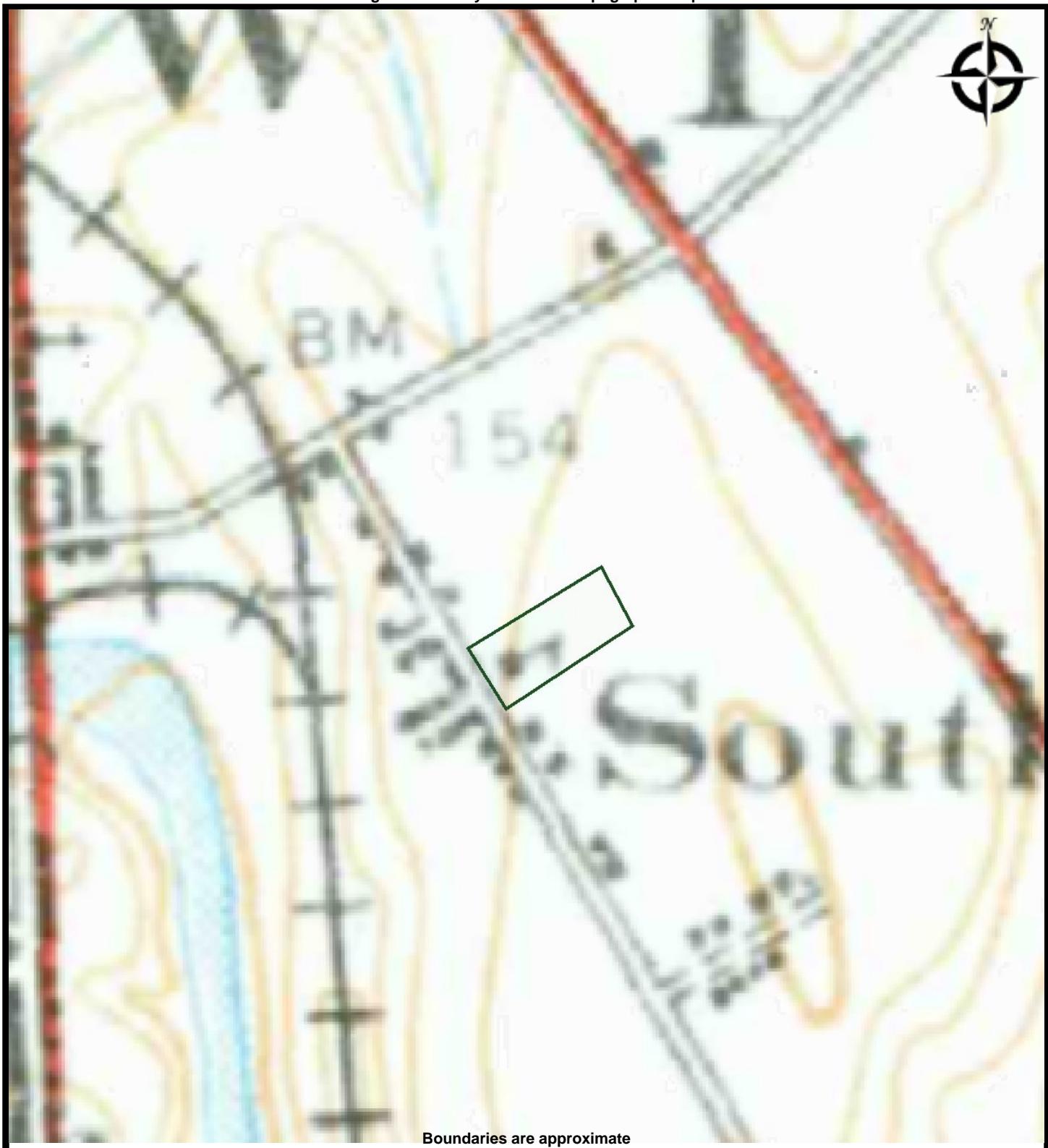
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



TOPO MAP - 1941  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

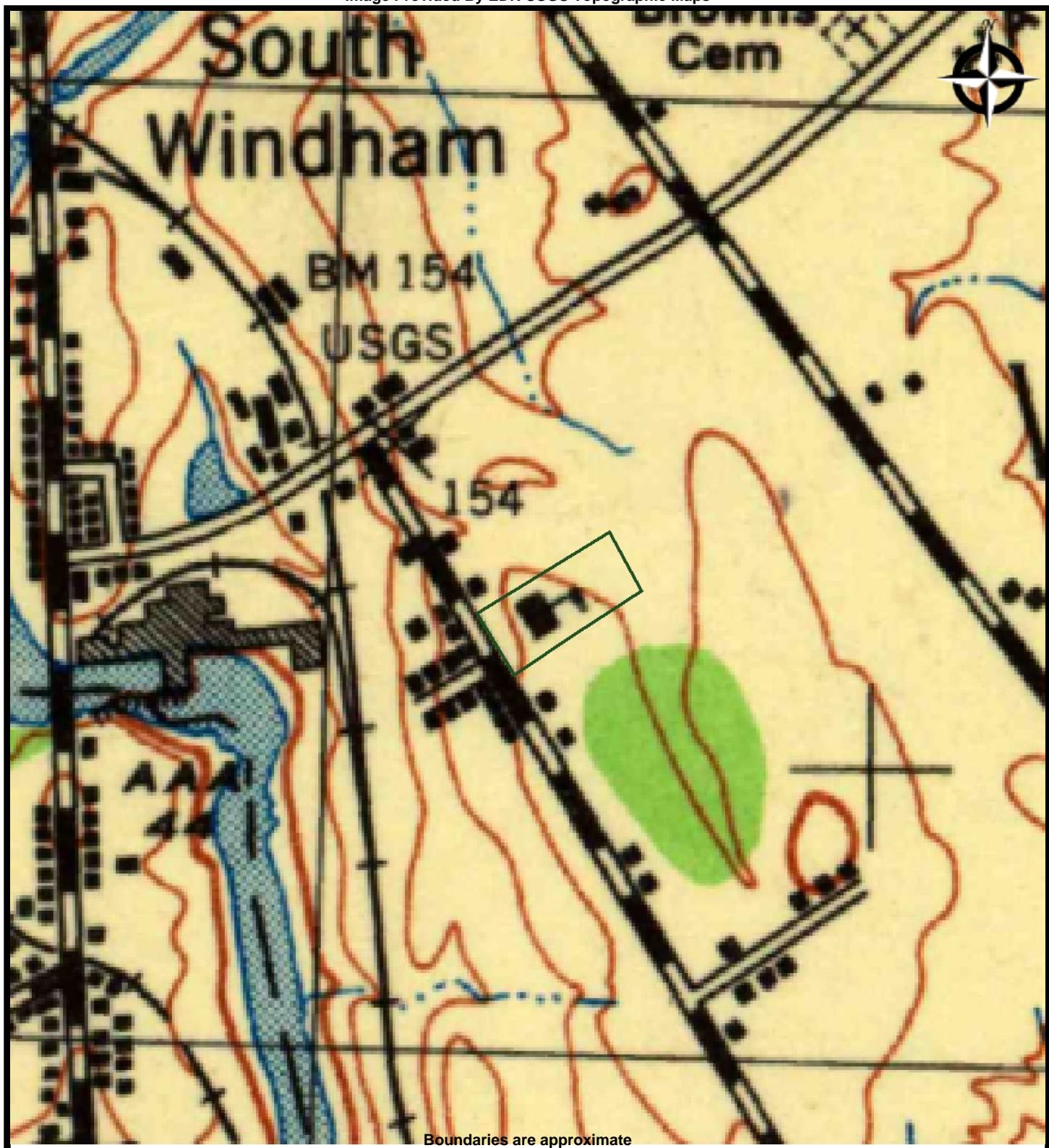
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



TOPO MAP - 1944  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham  
PROJ. MGR: John Cressey  
DRAWN BY: John Cressey

DATE: 12/13/2017  
PROJ. #: BE-076

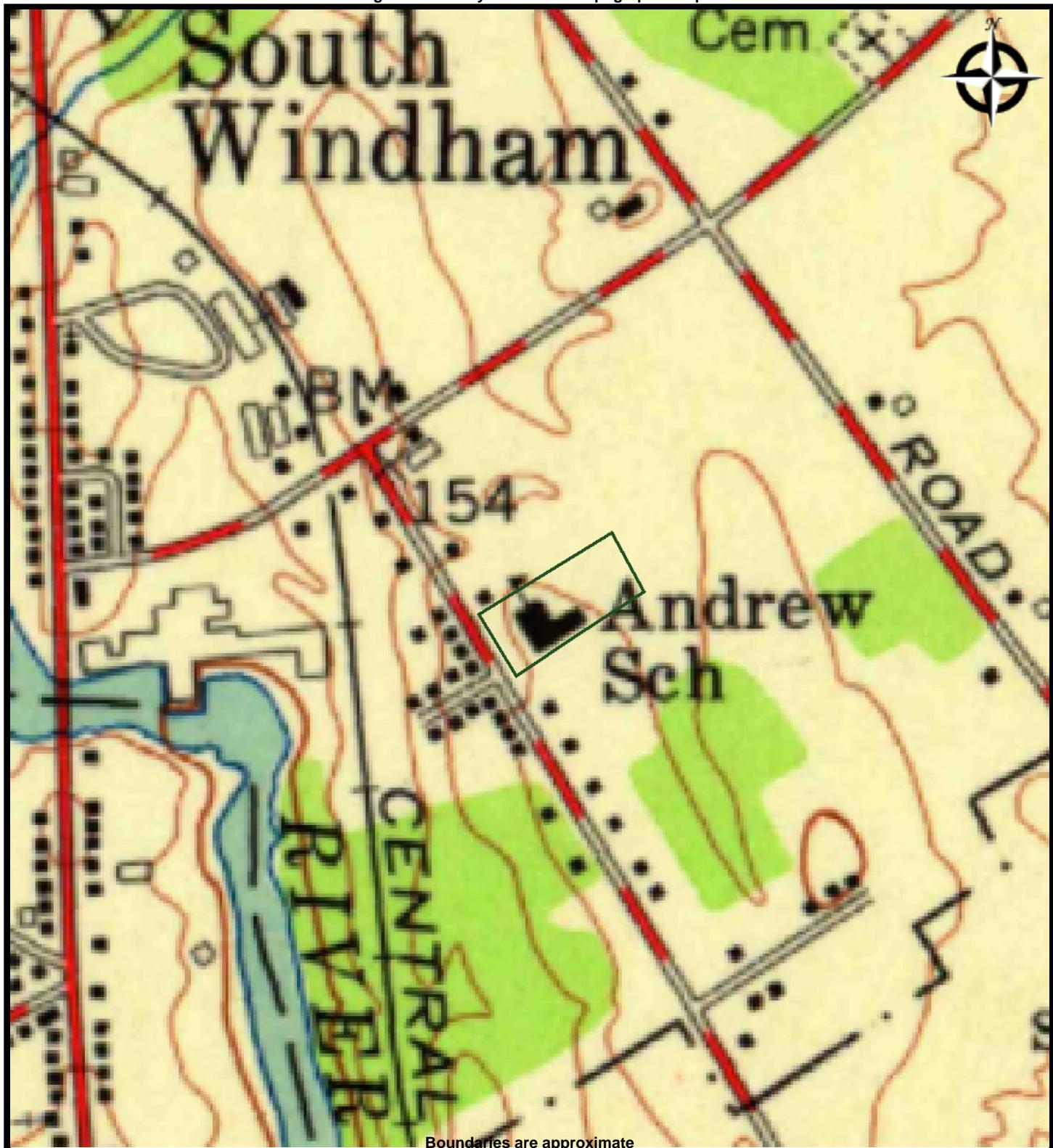


Environmental Consultants, LLC

TOPO MAP - 1950  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham  
PROJ. MGR: John Cressey  
DRAWN BY: John Cressey

DATE: 12/13/2017  
PROJ. #: BE-076

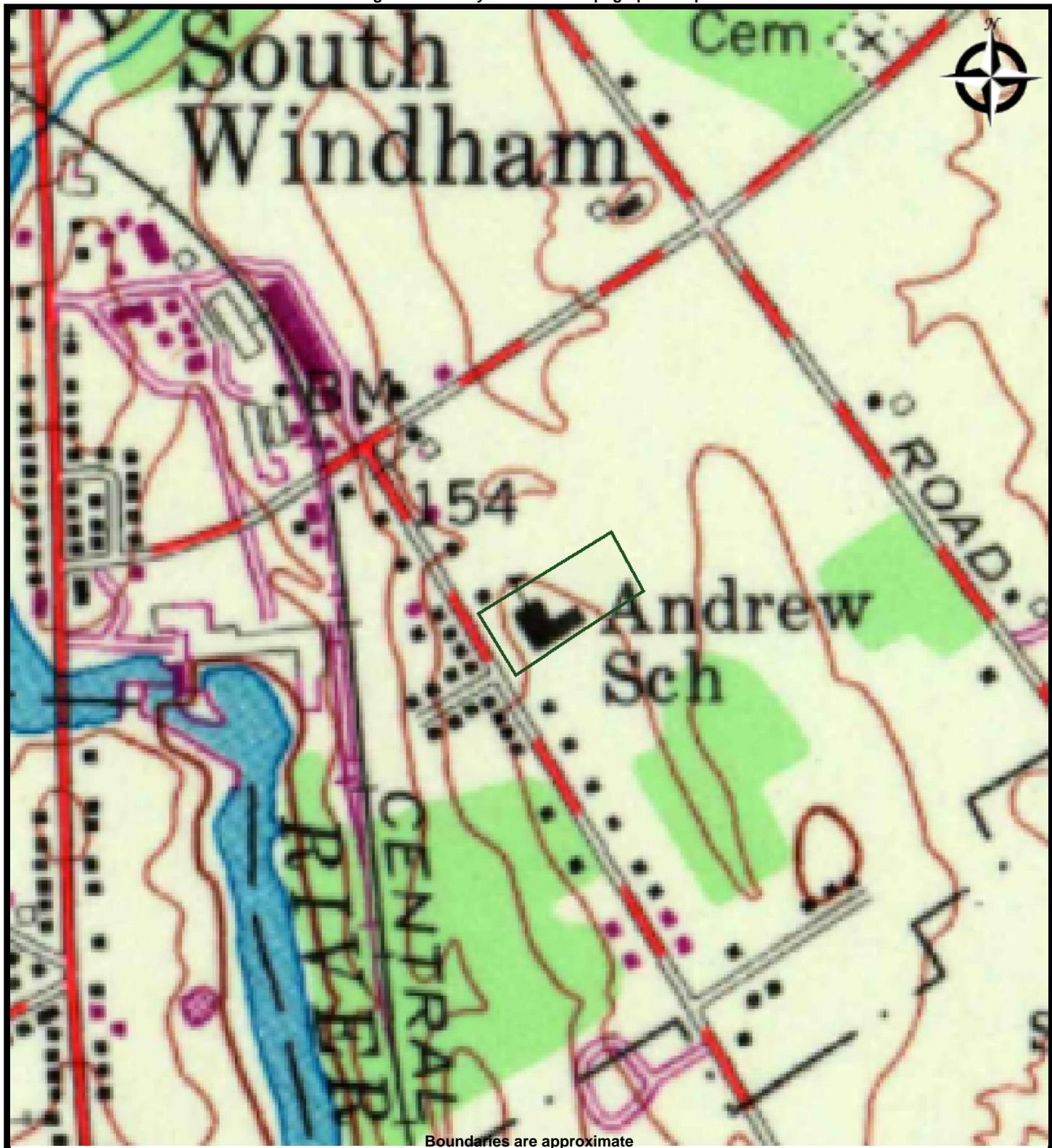


Environmental Consultants, LLC

TOPO MAP - 1957  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham  
PROJ. MGR: John Cressey  
DRAWN BY: John Cressey

DATE: 12/13/2017  
PROJ. #: BE-076



TOPO MAP - 1970  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

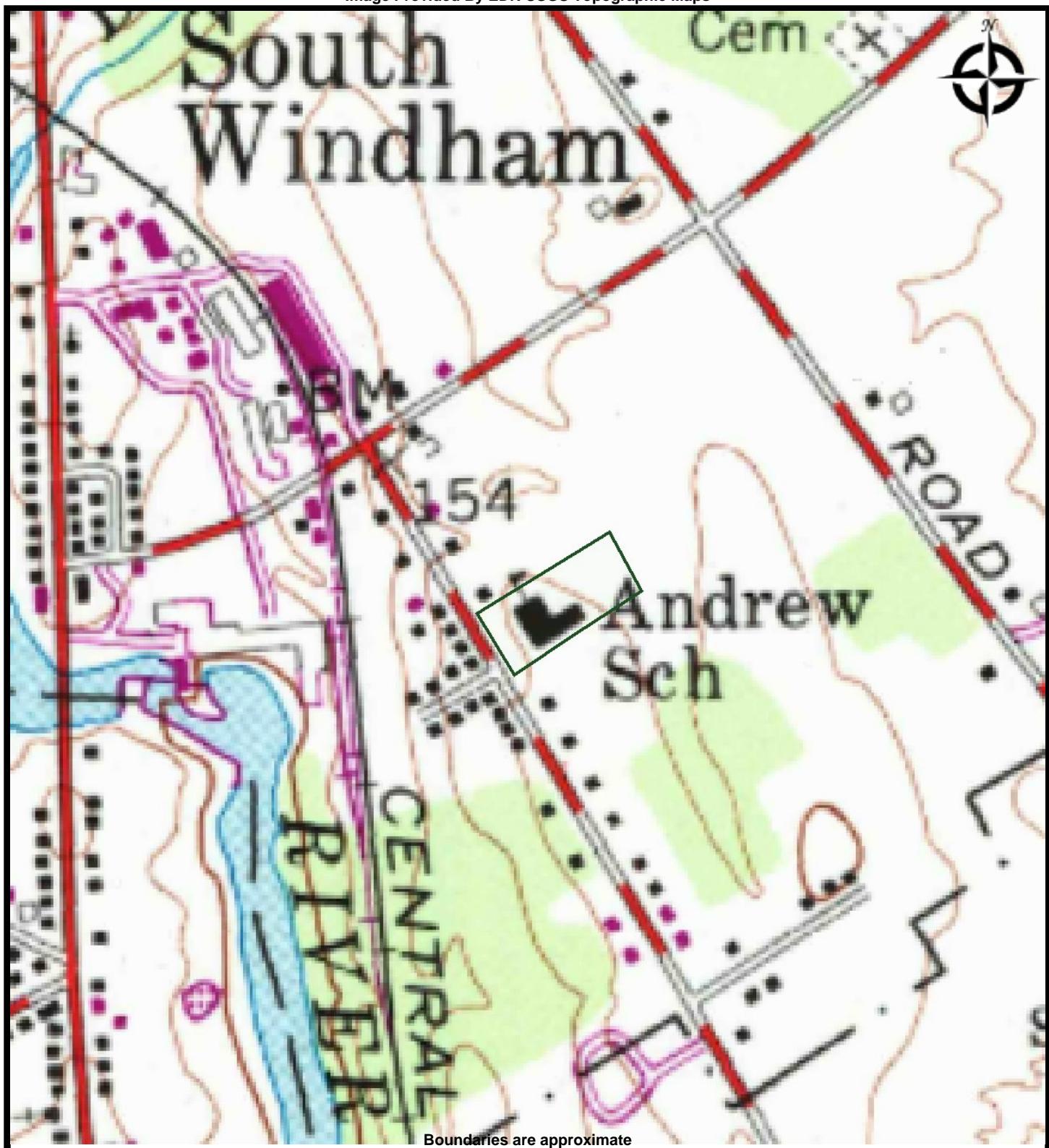
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



TOPO MAP - 1975  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

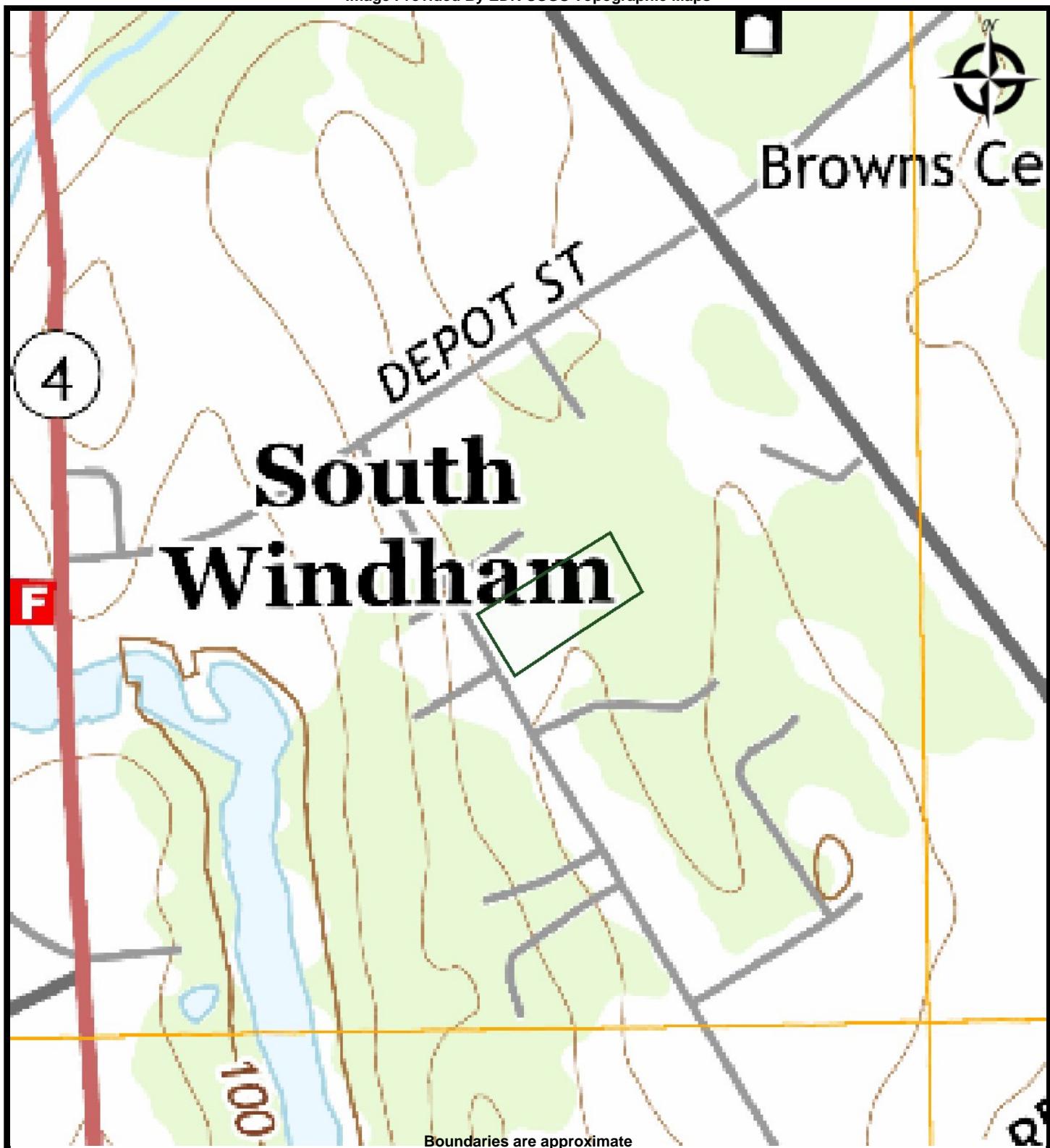
PREPARED FOR: Town of Windham

PROJ. MGR: John Cressey

DRAWN BY: John Cressey

DATE: 12/13/2017

PROJ. #: BE-076



TOPO MAP - 2014  
J A ANDREW SCHOOL  
55 High Street  
Windham, Maine 04062

PREPARED FOR: Town of Windham  
PROJ. MGR: John Cressey  
DRAWN BY: John Cressey

DATE: 12/13/2017  
PROJ. #: BE-076

## **Appendix D:**

## **Regulatory Records**

**JA Andrews School**  
55 High Street  
Windham, ME 04062

Inquiry Number: 5136264.2s  
December 13, 2017

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

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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 (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

55 HIGH STREET  
WINDHAM, ME 04062

#### COORDINATES

Latitude (North):	43.7347300 - 43° 44' 5.02"
Longitude (West):	70.4200260 - 70° 25' 12.09"
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	385640.8
UTM Y (Meters):	4843174.5
Elevation:	180 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:	20150711, 20150705
Source:	USDA

**MAPPED SITES SUMMARY**

**Target Property Address:**  
 55 HIGH STREET  
 WINDHAM, ME 04062

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	REAL SCHOOL	55 HIGH ST	ME LAST		TP
2	BILL ESKILSON	46 HIGH ST	ME LAST	Lower	42, 0.008, SW
3	CUMBERLAND COUNTY CI	85 HIGH ST	ME UST	Lower	340, 0.064, NW
4	DEPOT ENERGY INC	29 DEPOT ST	ME UST	Lower	656, 0.124, NNW
5	NEW ENGLAND ANTIGENI	16 DEPOT ST	RCRA-SQG, FINDS, ECHO	Lower	709, 0.134, WNW
A6	WESTBROOK TRANSMISSI	13 DEPOT ST	ME LUST	Lower	1102, 0.209, West
A7	13 DEPOT STREET	13 DEPOT STREET	US BROWNFIELDS, FINDS	Lower	1102, 0.209, West
A8	DEPOT ENERGY	13 DEPOT STREET	ME UST	Lower	1102, 0.209, West
A9	U.S. BANK N.A., TRUS	1 MECHANIC ST	ME LAST	Lower	1113, 0.211, West
B10	CUMBERLAND COUNTY WI	22 HIGH STREET	ME AST	Higher	1188, 0.225, SSE
B11	CUMBERLAND COUNTY RE	22 HIGH STREET	ME LUST, ME TIER 2	Higher	1188, 0.225, SSE
B12	CUMBERLAND COUNTY RE	22 HIGH STREET	ME AST	Higher	1188, 0.225, SSE
B13	CUMBERLAND COUNTY FA	22 HIGH STREET	ME UST	Higher	1188, 0.225, SSE
14	L.C. ANDREWS LUMBER	MAIN STREET	ME VCP, ME ALLSITES	Lower	1194, 0.226, NW
A15	KEDDY MILL	7 DEPOT STREET	ME SHWS, ME VCP, ME ALLSITES, ME SPILLS	Lower	1201, 0.227, West
A16	KEDDY MILL	7 DEPOT STREET	NPL, SEMS, RCRA-SQG, US BROWNFIELDS, LIENS 2,...	Lower	1201, 0.227, West
A17	HRC VILLAGE AT LITTL	7 DEPOT ST	NY MANIFEST	Lower	1201, 0.227, West
18	BOMB SHELTER	HIGH STREET	ME LAST	Lower	1238, 0.234, South
A19	SOUTH WINDHAM COMMUN	15 MAIN STREET	ME LAST	Lower	1298, 0.246, West
20	LORRAINE JONASSEN	859 GRAY ROAD	ME LAST	Lower	1318, 0.250, WSW
A21	SAPPI LFH	MAIN STREET & DEPOT	ME VCP, ME ALLSITES	Lower	1319, 0.250, West
22	O'BRIEN (RENTAL)	817 GRAY RD	ME LAST	Lower	1462, 0.277, WSW
C23	SHAW RESIDENCE	134 MAIN ST., RT. 20	ME LAST	Lower	1486, 0.281, WNW
24	MAINE CEDAR LOG HOME	35 MAIN STREET	ME LUST	Lower	1531, 0.290, NW
C25	SHAUGHNESSY, MICHAEL	32 MAIN ST.	ME LAST	Lower	1566, 0.297, WNW
D26	DWAYNE ST OURS	771 GRAY ROAD	ME LAST	Lower	1690, 0.320, SW
D27	RESIDENCE	771 GRAY ROAD	ME LAST	Lower	1709, 0.324, SW
D28	LEE MICHAUD	751 GRAY RD	ME LAST	Lower	1842, 0.349, SW
29	LOUISE SICLANO	720 GRAY RD	ME LAST	Lower	2138, 0.405, SW
30	MAINE CORRECTIONAL C	119 MALLISON FALLS R	ME LUST	Lower	2208, 0.418, South
31	MAINE CORRECTIONAL C	119 MALLISON STREET	ME LUST, ME SPILLS	Lower	2250, 0.426, SE
32	THAYER STORE	363 RIVER RD. & NEWH	ME LAST	Lower	2287, 0.433, North
33	PIETER VAN EEKELEN	14 PLEASANT ST	ME LAST	Lower	2338, 0.443, SW
34	RICH TOOL & DIE CO	3 MALLISON FALLS RD	ME LUST, ME UST, RCRA NonGen / NLR, FINDS, ECHO	Lower	2372, 0.449, South
E35	DAVID LOURA	254 HUSTON RD	ME LAST	Lower	2393, 0.453, WSW
36	MALLISON FALLS MILL	4 MALLISON FALLS ROA	US BROWNFIELDS, FINDS	Lower	2425, 0.459, ESE
F37	LIL MART, NOURIA ENE	688 GRAY ROAD, ROUTE	ME LUST	Lower	2522, 0.478, SSW
E38	KELLY COLARUSSO	25 HANNAH DR	ME LAST	Lower	2530, 0.479, WSW
E39	PORT RESOURCES	15 HANNAH DRIVE	ME LAST	Lower	2533, 0.480, WSW

**MAPPED SITES SUMMARY**

**Target Property Address:**  
 55 HIGH STREET  
 WINDHAM, ME 04062

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	LITTLE FALLS MINI MA	688 GRAY RD. (RT. 20	ME LUST	Lower	2547, 0.482, SSW
F41	NOURIA ENERGY LAMPRO	688 GRAY ROAD	ME LUST, ME TIER 2	Lower	2547, 0.482, SSW
F42	LAMPRONS LITTLE FALL	688 GRAY RD, RT. 202	ME LUST	Lower	2547, 0.482, SSW
F43	LITTLE FALLS MINI MA	688 GRAY RD - RT 202	ME LUST	Lower	2547, 0.482, SSW
F44	LAMPRON LIL MART	688 GRAY RD - RT 237	ME LUST	Lower	2547, 0.482, SSW
F45	LITTLE FALLS MINI MA	688 GRAY RD. RT 202	ME LUST	Lower	2547, 0.482, SSW
F46	LITTLE FALLS MINI-MA	688 GRAY ROAD (RTE.	ME INST CONTROL, ME VCP, ME ALLSITES	Lower	2547, 0.482, SSW
F47	LITTLE FALLS MINI MA	688 GRAY RD., RT. 20	ME LUST	Lower	2547, 0.482, SSW
G48	LITTLE FALLS MOBIL	20 MOSHER RD	ME LUST	Lower	2553, 0.484, SSW
G49	LITTLE FALLS MOBIL	20 MOSHER RD - RT 20	ME LUST	Lower	2553, 0.484, SSW
G50	LITTLE FALLS MOBIL (	20 MOSHER RD. (RT. 2	ME LUST, ME LAST	Lower	2555, 0.484, SSW
G51	JTL OIL CO WILLIAMS	26 MOSHER RD ROUTE	ME LAST	Lower	2626, 0.497, SSW
G52	WILLIAMS OIL CO.	26 MOSHER RD.	ME LAST	Lower	2626, 0.497, SSW
53	MAINE CORRECTIONAL C	RIVER ROAD	ME SHWS, ME LUST, ME ALLSITES	Lower	3859, 0.731, SSE

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
REAL SCHOOL 55 HIGH ST WINDHAM, ME	ME LAST Spill Number: P-375-2002	N/A

### 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.

### STANDARD ENVIRONMENTAL RECORDS

#### *Federal NPL site list*

NPL: A review of the NPL list, as provided by EDR, and dated 05/30/2017 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
<b><i>KEDDY MILL</i></b>	<b><i>7 DEPOT STREET</i></b>	<b><i>W 1/8 - 1/4 (0.227 mi.)</i></b>	<b><i>A16</i></b>	<b><i>11</i></b>

#### *Federal CERCLIS list*

SEMS: A review of the SEMS list, as provided by EDR, and dated 07/11/2017 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
<b><i>KEDDY MILL</i></b>	<b><i>7 DEPOT STREET</i></b>	<b><i>W 1/8 - 1/4 (0.227 mi.)</i></b>	<b><i>A16</i></b>	<b><i>11</i></b>

## EXECUTIVE SUMMARY

### ***Federal RCRA generators list***

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2017 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NEW ENGLAND ANTIGENI KEDDY MILL</b>	<b>16 DEPOT ST 7 DEPOT STREET</b>	<b>WNW 1/8 - 1/4 (0.134 mi.) W 1/8 - 1/4 (0.227 mi.)</b>	<b>5 A16</b>	<b>8 11</b>

### ***State- and tribal - equivalent CERCLIS***

ME SHWS: A review of the ME SHWS list, as provided by EDR, and dated 10/16/2017 has revealed that there are 2 ME SHWS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>KEDDY MILL</b> Facility Id: REM01538 : INVESTIGATION STAGE	<b>7 DEPOT STREET</b>	<b>W 1/8 - 1/4 (0.227 mi.)</b>	<b>A15</b>	<b>11</b>
<b>MAINE CORRECTIONAL C</b> Facility Id: REM00908 : TRANSFERRED TO OTHER DIVISION	<b>RIVER ROAD</b>	<b>SSE 1/2 - 1 (0.731 mi.)</b>	<b>53</b>	<b>20</b>

### ***State and tribal leaking storage tank lists***

ME LAST: A review of the ME LAST list, as provided by EDR, and dated 07/29/2017 has revealed that there are 20 ME LAST sites 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>
BILL ESKILSON Spill Number: P-1053-2002	46 HIGH ST	SW 0 - 1/8 (0.008 mi.)	2	8
U.S. BANK N.A., TRUS Spill Number: P-1052-2010	1 MECHANIC ST	W 1/8 - 1/4 (0.211 mi.)	A9	9
BOMB SHELTER Spill Number: P-193-1998	HIGH STREET	S 1/8 - 1/4 (0.234 mi.)	18	12
SOUTH WINDHAM COMMUN Spill Number: P-716-1997	15 MAIN STREET	W 1/8 - 1/4 (0.246 mi.)	A19	12
LORRAINE JONASSEN Spill Number: P-130-2011	859 GRAY ROAD	WSW 1/8 - 1/4 (0.250 mi.)	20	12
O'BRIEN (RENTAL) Spill Number: P-629-2000	817 GRAY RD	WSW 1/4 - 1/2 (0.277 mi.)	22	13
SHAW RESIDENCE Spill Number: P-338-1998	134 MAIN ST., RT. 20	WNW 1/4 - 1/2 (0.281 mi.)	C23	13
SHAUGHNESSY, MICHAEL	32 MAIN ST.	WNW 1/4 - 1/2 (0.297 mi.)	C25	13

## EXECUTIVE SUMMARY

Spill Number: P-728-1999				
DWAYNE ST OURS	771 GRAY ROAD	SW 1/4 - 1/2 (0.320 mi.)	D26	13
Spill Number: P-296-2014				
RESIDENCE	771 GRAY ROAD	SW 1/4 - 1/2 (0.324 mi.)	D27	14
Spill Number: P-1074-2008				
LEE MICHAUD	751 GRAY RD	SW 1/4 - 1/2 (0.349 mi.)	D28	14
Spill Number: P-22-2008				
LOUISE SICLANO	720 GRAY RD	SW 1/4 - 1/2 (0.405 mi.)	29	14
Spill Number: P-187-2002				
THAYER STORE	363 RIVER RD. & NEWH	N 1/4 - 1/2 (0.433 mi.)	32	15
Spill Number: P-657-2000				
PIETER VAN EEKELEN	14 PLEASANT ST	SW 1/4 - 1/2 (0.443 mi.)	33	15
Spill Number: P-779-2004				
DAVID LOURA	254 HUSTON RD	WSW 1/4 - 1/2 (0.453 mi.)	E35	16
Spill Number: P-238-2013				
KELLY COLARUSSO	25 HANNAH DR	WSW 1/4 - 1/2 (0.479 mi.)	E38	16
Spill Number: P-771-2006				
PORT RESOURCES	15 HANNAH DRIVE	WSW 1/4 - 1/2 (0.480 mi.)	E39	16
Spill Number: P-147-2016				
<b>LITTLE FALLS MOBIL (</b>	<b>20 MOSHER RD. (RT. 2</b>	<b>SSW 1/4 - 1/2 (0.484 mi.)</b>	<b>G50</b>	<b>19</b>
Spill Number: P-290-2012				
Spill Number: P-34-1997				
JTL OIL CO WILLIAMS	26 MOSHER RD ROUTE	SSW 1/4 - 1/2 (0.497 mi.)	G51	19
Spill Number: P-367-2007				
WILLIAMS OIL CO.	26 MOSHER RD.	SSW 1/4 - 1/2 (0.497 mi.)	G52	20
Spill Number: P-220-1997				

ME LUST: A review of the ME LUST list, as provided by EDR, and dated 07/29/2017 has revealed that there are 17 ME LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CUMBERLAND COUNTY RE</b>	<b>22 HIGH STREET</b>	<b>SSE 1/8 - 1/4 (0.225 mi.)</b>	<b>B11</b>	<b>10</b>
Spill Value: Non-Oil, Non-Hazardous Incident				
Spill Number: P-718-1994				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WESTBROOK TRANSMISSI	13 DEPOT ST	W 1/8 - 1/4 (0.209 mi.)	A6	9
Spill Value: Oil Incident				
Spill Number: P-696-1993				
Spill Number: P-296-2005				
MAINE CEDAR LOG HOME	35 MAIN STREET	NW 1/4 - 1/2 (0.290 mi.)	24	13
Spill Value: Oil Incident				
Spill Number: P-433-2007				
MAINE CORRECTIONAL C	119 MALLISON FALLS R	S 1/4 - 1/2 (0.418 mi.)	30	14
Spill Value: Oil Incident				

## EXECUTIVE SUMMARY

Spill Number: P-461-1998

<b>MAINE CORRECTIONAL C</b>	<b>119 MALLISON STREET</b>	<b>SE 1/4 - 1/2 (0.426 mi.)</b>	<b>31</b>	<b>14</b>
Spill Value: Non-Oil, Non-Hazardous Incident				
Spill Value: Oil Incident				
Spill Number: P-481-1989				
Spill Number: P-465-1998				
<b>RICH TOOL &amp; DIE CO</b>	<b>3 MALLISON FALLS RD</b>	<b>S 1/4 - 1/2 (0.449 mi.)</b>	<b>34</b>	<b>15</b>
Spill Value: Oil Incident				
Spill Number: P-500-1992				
LIL MART, NOURIA ENE	688 GRAY ROAD, ROUTE	SSW 1/4 - 1/2 (0.478 mi.)	F37	16
Spill Value: Oil Incident				
Spill Number: P-1073-2015				
LITTLE FALLS MINI MA	688 GRAY RD. (RT. 20	SSW 1/4 - 1/2 (0.482 mi.)	F40	17
Spill Value: Oil Incident				
Spill Number: P-257-1991				
<b>NOURIA ENERGY LAMPRO</b>	<b>688 GRAY ROAD</b>	<b>SSW 1/4 - 1/2 (0.482 mi.)</b>	<b>F41</b>	<b>17</b>
Spill Value: Oil Incident				
Spill Number: P-373-2012				
LAMPRONS LITTLE FALL	688 GRAY RD, RT. 202	SSW 1/4 - 1/2 (0.482 mi.)	F42	17
Spill Value: Oil Incident				
Spill Number: P-566-2007				
LITTLE FALLS MINI MA	688 GRAY RD - RT 202	SSW 1/4 - 1/2 (0.482 mi.)	F43	17
Spill Value: Oil Incident				
Spill Number: P-1015-2002				
LAMPRON LIL MART	688 GRAY RD - RT 237	SSW 1/4 - 1/2 (0.482 mi.)	F44	18
Spill Value: Oil Incident				
Spill Number: P-381-2004				
LITTLE FALLS MINI MA	688 GRAY RD. RT 202	SSW 1/4 - 1/2 (0.482 mi.)	F45	18
Spill Value: Oil Incident				
Spill Number: P-560-1993				
Spill Number: P-403-1989				
LITTLE FALLS MINI MA	688 GRAY RD., RT. 20	SSW 1/4 - 1/2 (0.482 mi.)	F47	18
Spill Value: Non-Oil, Non-Hazardous Incident				
Spill Number: P-697-2001				
LITTLE FALLS MOBIL	20 MOSHER RD	SSW 1/4 - 1/2 (0.484 mi.)	G48	19
Spill Value: Oil Incident				
Spill Value: Non-Oil, Non-Hazardous Incident				
Spill Number: P-916-2007				
Spill Number: P-471-2010				
Spill Number: P-278-2005				
Spill Number: P-584-2003				
LITTLE FALLS MOBIL	20 MOSHER RD - RT 20	SSW 1/4 - 1/2 (0.484 mi.)	G49	19
Spill Value: Oil Incident				
Spill Number: P-205-1999				
<b>LITTLE FALLS MOBIL (</b>	<b>20 MOSHER RD. (RT. 2</b>	<b>SSW 1/4 - 1/2 (0.484 mi.)</b>	<b>G50</b>	<b>19</b>
Spill Value: Oil Incident				
Spill Number: P-290-2012				
Spill Number: P-428-1989				
Spill Number: P-34-1997				

## EXECUTIVE SUMMARY

### ***State and tribal registered storage tank lists***

ME UST: A review of the ME UST list, as provided by EDR, and dated 08/07/2017 has revealed that there are 4 ME UST 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>
CUMBERLAND COUNTY FA Tank Status: PLANNED Pipe Status: PLANNED Facility Id: 21984	22 HIGH STREET	SSE 1/8 - 1/4 (0.225 mi.)	B13	10
<hr/>				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CUMBERLAND COUNTY CI Tank Status: REMOVED Pipe Status: REMOVED Facility Id: 24	85 HIGH ST	NW 0 - 1/8 (0.064 mi.)	3	8
DEPOT ENERGY INC Tank Status: REMOVED Pipe Status: REMOVED Facility Id: 8058	29 DEPOT ST	NNW 0 - 1/8 (0.124 mi.)	4	8
DEPOT ENERGY Tank Status: REMOVED Pipe Status: REMOVED Facility Id: 18653	13 DEPOT STREET	W 1/8 - 1/4 (0.209 mi.)	A8	9

ME AST: A review of the ME AST list, as provided by EDR, has revealed that there are 2 ME AST 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>
CUMBERLAND COUNTY WI Database: AST, Date of Government Version: 12/31/2016 Facility Id: FATR2015B6HLLX0039PJ	22 HIGH STREET	SSE 1/8 - 1/4 (0.225 mi.)	B10	9
CUMBERLAND COUNTY RE Database: AST 2, Date of Government Version: 10/02/2017 Database: AST, Date of Government Version: 12/31/2016 Piping Status: PLANNED Tank Status: PLANNED Facility Id: FATR2016BYQ4SY007BDB Registration Number: 21984	22 HIGH STREET	SSE 1/8 - 1/4 (0.225 mi.)	B12	10

### ***State and tribal institutional control / engineering control registries***

ME INST CONTROL: A review of the ME INST CONTROL list, as provided by EDR, and dated 07/18/2017 has revealed that there is 1 ME INST CONTROL site within approximately 0.5 miles of the target

## EXECUTIVE SUMMARY

property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>LITTLE FALLS MINI-MA</b> Facility Status: REMEDY IN PLACE: CLOSED Facility Id: REM01039	<b>688 GRAY ROAD (RTE.</b>	<b>SSW 1/4 - 1/2 (0.482 mi.)</b>	<b>F46</b>	<b>18</b>

### ***State and tribal voluntary cleanup sites***

ME VCP: A review of the ME VCP list, as provided by EDR, and dated 10/16/2017 has revealed that there are 4 ME VCP sites 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>
<b>L.C. ANDREWS LUMBER</b> Facility Status: REMEDY IN PLACE: CLOSED Facility Id: REM01216	<b>MAIN STREET</b>	<b>NW 1/8 - 1/4 (0.226 mi.)</b>	<b>14</b>	<b>10</b>
<b>KEDDY MILL</b> Facility Status: INVESTIGATION STAGE Facility Id: REM01538	<b>7 DEPOT STREET</b>	<b>W 1/8 - 1/4 (0.227 mi.)</b>	<b>A15</b>	<b>11</b>
<b>SAPPI LFH</b> Facility Status: INVESTIGATION STAGE Facility Id: REM02175	<b>MAIN STREET &amp; DEPOT</b>	<b>W 1/8 - 1/4 (0.250 mi.)</b>	<b>A21</b>	<b>12</b>
<b>LITTLE FALLS MINI-MA</b> Facility Status: REMEDY IN PLACE: CLOSED Facility Id: REM01039	<b>688 GRAY ROAD (RTE.</b>	<b>SSW 1/4 - 1/2 (0.482 mi.)</b>	<b>F46</b>	<b>18</b>

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Local Brownfield lists***

US BROWNFIELDS: A review of the US BROWNFIELDS list, as provided by EDR, and dated 08/21/2017 has revealed that there are 3 US BROWNFIELDS sites 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>
<b>13 DEPOT STREET</b>	<b>13 DEPOT STREET</b>	<b>W 1/8 - 1/4 (0.209 mi.)</b>	<b>A7</b>	<b>9</b>
<b>KEDDY MILL</b>	<b>7 DEPOT STREET</b>	<b>W 1/8 - 1/4 (0.227 mi.)</b>	<b>A16</b>	<b>11</b>
<b>MALLISON FALLS MILL</b>	<b>4 MALLISON FALLS ROA</b>	<b>ESE 1/4 - 1/2 (0.459 mi.)</b>	<b>36</b>	<b>16</b>

## EXECUTIVE SUMMARY

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

ME ALLSITES: A review of the ME ALLSITES list, as provided by EDR, and dated 10/16/2017 has revealed that there are 4 ME ALLSITES sites 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>
<b>L.C. ANDREWS LUMBER</b> Status: REMEDY IN PLACE: CLOSED Facility ID: REM01216	<b>MAIN STREET</b>	<b>NW 1/8 - 1/4 (0.226 mi.)</b>	<b>14</b>	<b>10</b>
<b>KEDDY MILL</b> Status: INVESTIGATION STAGE Facility ID: REM01538	<b>7 DEPOT STREET</b>	<b>W 1/8 - 1/4 (0.227 mi.)</b>	<b>A15</b>	<b>11</b>
<b>SAPPI LFH</b> Status: INVESTIGATION STAGE Facility ID: REM02175	<b>MAIN STREET &amp; DEPOT</b>	<b>W 1/8 - 1/4 (0.250 mi.)</b>	<b>A21</b>	<b>12</b>
<b>LITTLE FALLS MINI-MA</b> Status: REMEDY IN PLACE: CLOSED Facility ID: REM01039	<b>688 GRAY ROAD (RTE.</b>	<b>SSW 1/4 - 1/2 (0.482 mi.)</b>	<b>F46</b>	<b>18</b>

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

NY MANIFEST: A review of the NY MANIFEST list, as provided by EDR, and dated 10/01/2017 has revealed that there is 1 NY MANIFEST site within approximately 0.25 miles of the target property.

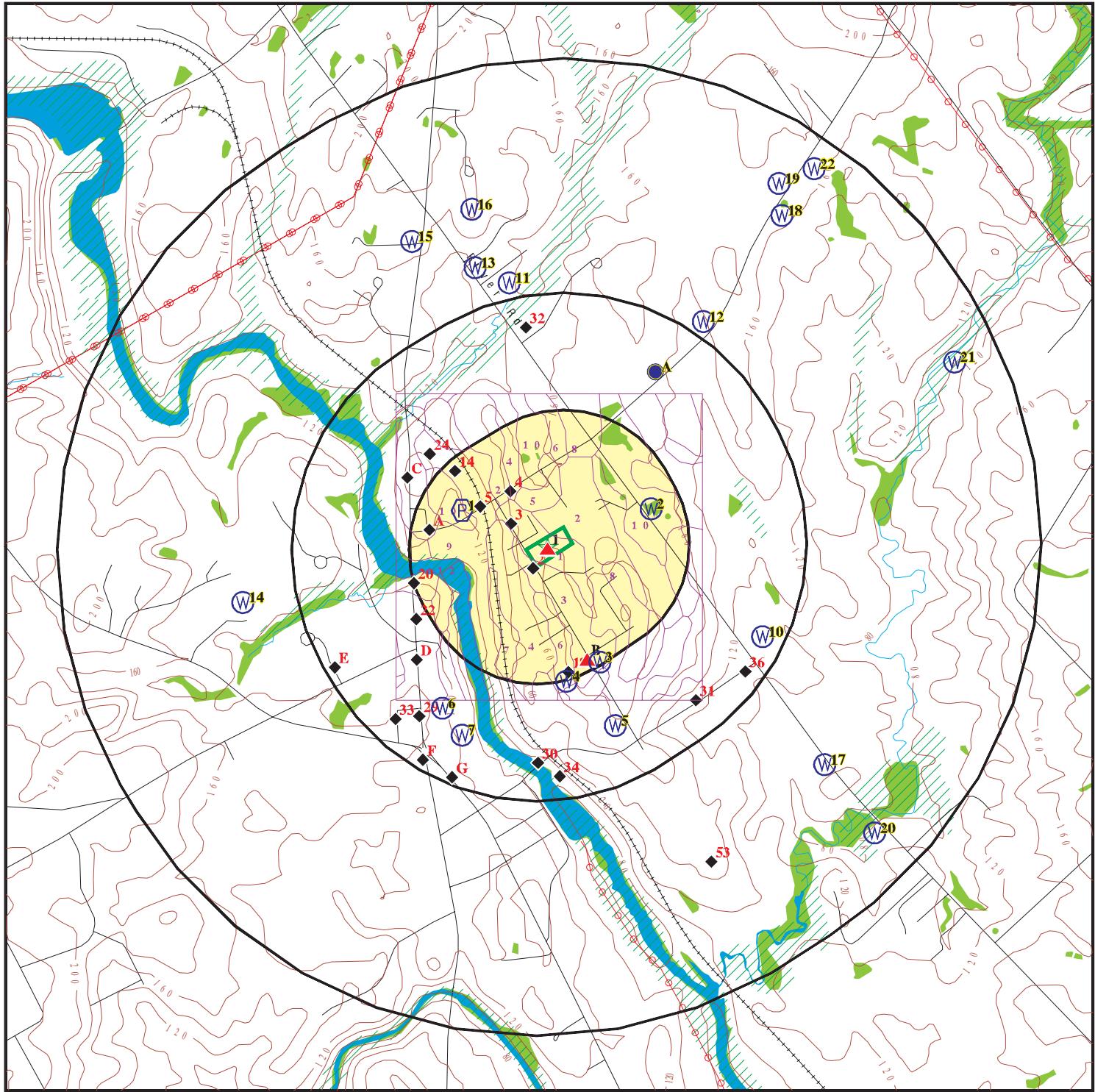
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HRC VILLAGE AT LITL EPA ID: MEP000018529	7 DEPOT ST	W 1/8 - 1/4 (0.227 mi.)	A17	12

Count: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GORHAM	S111790121		704 RIVER RD		ME SWF/LF
WINDHAM	S106673814	WEBBER ENERGY	415 MAIN ST		ME LAST
WINDHAM	S106791556	ELDER BRUCE	RIVER ROAD		ME LUST
WINDHAM	1003862461	MAINE COASTAL SERV	RIVER ROAD	04062	SEMS-ARCHIVE
WINDHAM	S109590386		100 YDS NORTH OF RIVER RD/PARK		ME SWF/LF

# OVERVIEW MAP - 5136264.2S



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

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

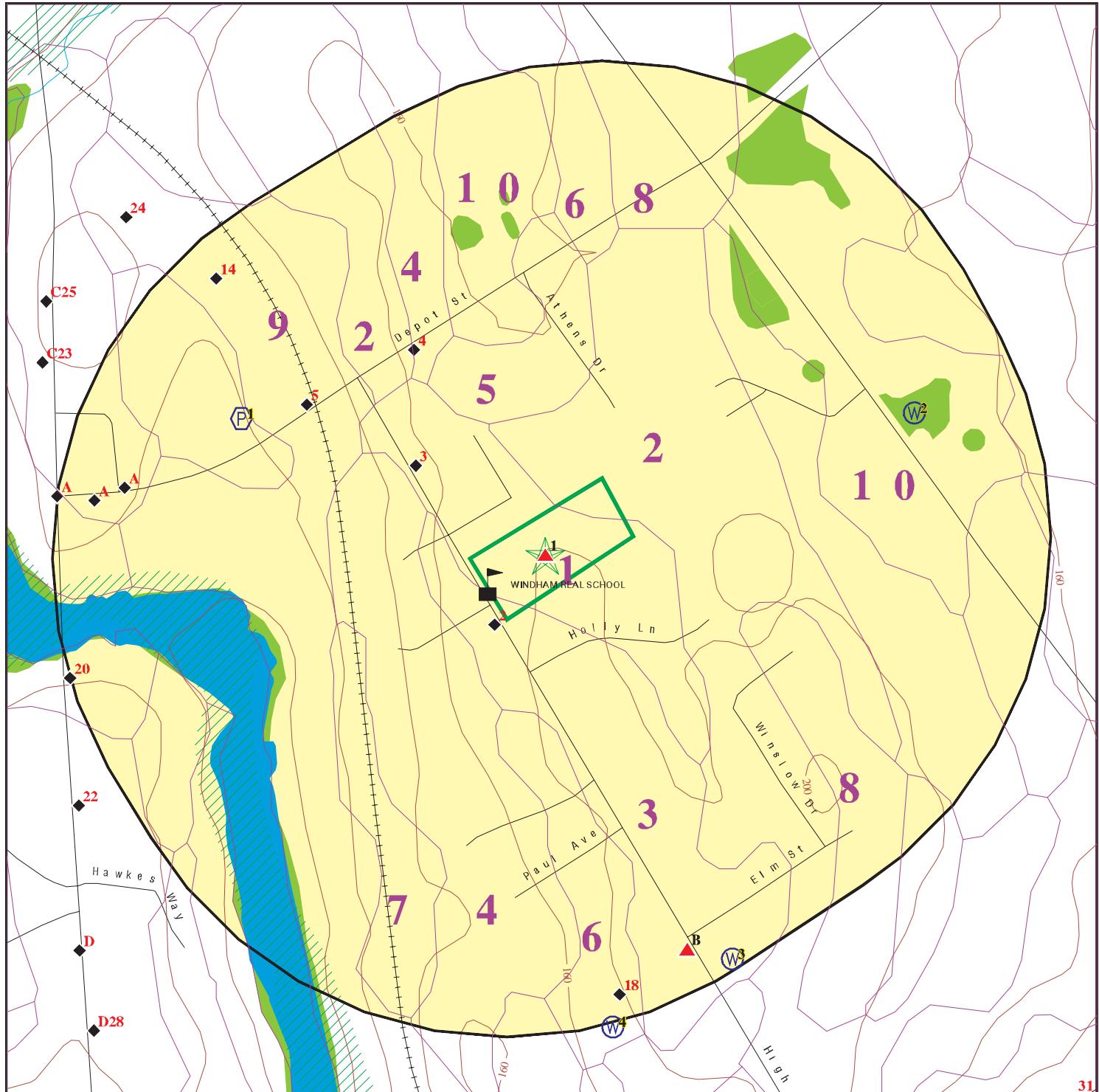
■ State Wetlands

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:** JA Andrews School  
**ADDRESS:** 55 High Street  
 Windham ME 04062  
**LAT/LONG:** 43.73473 / 70.420026

**CLIENT:** Beacon Environmental Consultants, LLC  
**CONTACT:** John K Cressey  
**INQUIRY #:** 5136264.2s  
**DATE:** December 13, 2017 12:28 pm

## DETAIL MAP - 5136264.2S



-  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
- 100-year flood zone
- 500-year flood zone
- 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: JA Andrews School ADDRESS: 55 High Street Windham ME 04062 LAT/LONG: 43.73473 / 70.420026	CLIENT: Beacon Environmental Consultants, LLC CONTACT: John K Cressey INQUIRY #: 5136264.2s DATE: December 13, 2017 12:29 pm
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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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	0	NR	NR	1
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-CESQG	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 CONTROL	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>State- and tribal - equivalent CERCLIS</i></b>								
ME SHWS	1.000		0	1	0	1	NR	2
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
ME SWF/LF	0.500		0	0	0	NR	NR	0
ME LCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
ME LAST	0.500	1	1	4	15	NR	NR	21
ME LUST	0.500		0	2	15	NR	NR	17
INDIAN LUST	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
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
ME UST	0.250		2	2	NR	NR	NR	4
ME AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
ME INST CONTROL	0.500		0	0	1	NR	NR	1
<b><i>State and tribal voluntary cleanup sites</i></b>								
ME VCP	0.500		0	3	1	NR	NR	4
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
ME 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	2	1	NR	NR	3
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
ME 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
ME ALLSITES	0.500		0	3	1	NR	NR	4
ME DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
ME 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
ME SPILLS	TP		NR	NR	NR	NR	NR	0
ME SPILLS 90	TP		NR	NR	NR	NR	NR	0
ME SPILLS 80	TP		NR	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></b>								
RCRA NonGen / NLR	0.250		0	0	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
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
ME AIRS	TP		NR	NR	NR	NR	NR	0
ME DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	1	NR	NR	NR	1
ME NPDES	TP		NR	NR	NR	NR	NR	0
ME TIER 2	TP		NR	NR	NR	NR	NR	0
ME UIC	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR MGP	1.000	0	0	0	0	NR	0
EDR Hist Auto	0.125	0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125	0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

ME RGA HWS	TP	NR	NR	NR	NR	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
ME RGA LF	TP		NR	NR	NR	NR	NR	0
ME RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	3	24	34	1	0	63

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 Target Property	REAL SCHOOL 55 HIGH ST WINDHAM, ME	ME LAST	S105794172 N/A
Actual: 180 ft.	<a href="#">ME LAST</a> <a href="#">Click here for full text details</a> Spill Number: P-375-2002		
2 SW < 1/8 0.008 mi. 42 ft.	BILL ESKILSON 46 HIGH ST WINDHAM, ME	ME LAST	S106073210 N/A
Relative: Lower	<a href="#">Click here for full text details</a>  ME LAST Spill Number: P-1053-2002		
3 NW < 1/8 0.064 mi. 340 ft.	CUMBERLAND COUNTY CIVIL 85 HIGH ST WINDHAM, ME	ME UST	U002164558 N/A
Relative: Lower	<a href="#">Click here for full text details</a>  ME UST Pipe Status: REMOVED Facility Id: 24		
4 NNW < 1/8 0.124 mi. 656 ft.	DEPOT ENERGY INC 29 DEPOT ST WINDHAM, ME	ME UST	U002164522 N/A
Relative: Lower	<a href="#">Click here for full text details</a>  ME UST Pipe Status: REMOVED Facility Id: 8058		
5 WNW 1/8-1/4 0.134 mi. 709 ft.	NEW ENGLAND ANTIGENICS 16 DEPOT ST SOUTH WINDHAM, ME 04082	RCRA-SQG FINDS ECHO	1000112286 MED982194102
Relative: Lower	<a href="#">Click here for full text details</a>  RCRA-SQG EPA Id: MED982194102		
<b>FINDS</b>		Registry ID:: 110000797380	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

A6        **WESTBROOK TRANSMISSION**  
West      13 DEPOT ST  
1/8-1/4    WINDHAM, ME  
0.209 mi.  
1102 ft.

Relative:  
Lower

[Click here for full text details](#)  
**ME LUST**  
Spill Number: P-696-1993  
Spill Number: P-296-2005  
Spill Value: Oil Incident

A7        **13 DEPOT STREET**  
West      13 DEPOT STREET  
1/8-1/4    WINDHAM, ME 04062  
0.209 mi.  
1102 ft.

Relative:  
Lower

[Click here for full text details](#)  
**US BROWNFIELDS**  
ACRES property ID: 110222

ME LUST    S108393115  
N/A

US BROWNFIELDS    1015872558  
FINDS        N/A

**FINDS**  
Registry ID:: 110045400482

A8        **DEPOT ENERGY**  
West      13 DEPOT STREET  
1/8-1/4    WINDHAM, ME  
0.209 mi.  
1102 ft.

Relative:  
Lower

[Click here for full text details](#)  
**ME UST**  
Pipe Status: REMOVED  
Facility Id: 18653

ME UST    U001534470  
N/A

A9        **U.S. BANK N.A., TRUSTEE**  
West      1 MECHANIC ST  
1/8-1/4    WINDHAM, ME  
0.211 mi.  
1113 ft.

Relative:  
Lower

[Click here for full text details](#)  
**ME LAST**  
Spill Number: P-1052-2010

ME LAST    S110840668  
N/A

B10       **CUMBERLAND COUNTY WINDHAM CAMPUS**  
SSE       22 HIGH STREET  
1/8-1/4    WINDHAM, ME 04062  
0.225 mi.  
1188 ft.

Relative:  
Higher

[Click here for full text details](#)  
**ME AST**  
Facility Id: FATR2015B6HLLX0039PJ

ME AST    A100426532  
N/A

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				
Elevation				

**B11** CUMBERLAND COUNTY REGIONAL COMMUNICATIONS CENTER  
**SSE** 22 HIGH STREET  
**1/8-1/4** WINDHAM, ME 04062  
**0.225 mi.**  
**1188 ft.**

**Relative:**  
**Higher**

[Click here for full text details](#)

**ME LUST**

Spill Number: P-718-1994  
 Spill Value: Non-Oil, Non-Hazardous Incident

**ME LUST** S104217718  
**ME TIER 2** N/A

**Relative:**  
**Higher**

**ME LUST**

Spill Number: P-718-1994  
 Spill Value: Non-Oil, Non-Hazardous Incident

**ME TIER 2**

Facility Id: FATR2016BYQ4SY007BDB

**B12** CUMBERLAND COUNTY REGIONAL COMMUNICATIONS CENTER  
**SSE** 22 HIGH STREET  
**1/8-1/4** WINDHAM, ME 04062  
**0.225 mi.**  
**1188 ft.**

**Relative:**  
**Higher**

[Click here for full text details](#)

**ME AST**

Facility Id: FATR2016BYQ4SY007BDB  
 Registration Number: 21984  
 Tank Status: PLANNED  
 Piping Status: PLANNED

**ME AST** A100410671  
 N/A

**B13** CUMBERLAND COUNTY FACILITIES  
**SSE** 22 HIGH STREET  
**1/8-1/4** WINDHAM, ME  
**0.225 mi.**  
**1188 ft.**

**Relative:**  
**Higher**

**ME UST**

Pipe Status: PLANNED  
 Facility Id: 21984

**ME UST** U004239751  
 N/A

**14** L.C. ANDREWS LUMBER MILL  
**NW** MAIN STREET  
**1/8-1/4** WINDHAM, ME  
**0.226 mi.**  
**1194 ft.**

**Relative:**  
**Lower**

**ME VCP**

Facility Status: REMEDY IN PLACE: CLOSED  
 Facility Id: REM01216

**ME VCP** S105738358  
**ME ALLSITES** N/A

**ME ALLSITES**

Facility ID: REM01216  
 Status: REMEDY IN PLACE: CLOSED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

A15 KEDDY MILL  
West 7 DEPOT STREET  
1/8-1/4 WINDHAM, ME  
0.227 mi.  
1201 ft.

ME SHWS S108229412  
ME VCP N/A  
ME ALLSITES  
ME SPILLS

Relative: [Click here for full text details](#)  
Lower

**ME SHWS**  
Facility Id: REM01538  
: INVESTIGATION STAGE

**ME VCP**  
Facility Status: INVESTIGATION STAGE  
Facility Id: REM01538

**ME ALLSITES**  
Facility ID: REM01538  
Status: INVESTIGATION STAGE

**ME SPILLS**  
Spill Number: P-868-2005

A16 KEDDY MILL  
West 7 DEPOT STREET  
1/8-1/4 WINDHAM, ME 04062  
0.227 mi.  
1201 ft.

NPL 1014914815  
SEMS MEN000106078  
RCRA-SQG  
US BROWNFIELDS  
LIENS 2  
FINDS

Relative: [Click here for full text details](#)  
Lower

**NPL**  
Cerclis ID:: 106078  
EPA Id: MEN000106078

**SEMS**  
Site ID: 0106078  
EPA Id: MEN000106078

**RCRA-SQG**  
EPA Id: MEN000106078

**US BROWNFIELDS**  
ACRES property ID: 110221

**LIENS 2**  
EPA ID:: MEN000106078

**FINDS**  
Registry ID:: 110042232456

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

A17 HRC VILLAGE AT LITTLE FALLS LLC NY MANIFEST S110491339  
West 7 DEPOT ST N/A  
1/8-1/4 SOUTH WINDHAM, ME 04062

0.227 mi.  
1201 ft.

[Click here for full text details](#)

Relative: Lower NY MANIFEST  
EPA ID: MEP000018529

18 BOMB SHELTER ME LAST S104999865  
South HIGH STREET N/A  
1/8-1/4 WINDHAM, ME

0.234 mi.  
1238 ft.

[Click here for full text details](#)

Relative: Lower ME LAST  
Spill Number: P-193-1998

A19 SOUTH WINDHAM COMMUNITY CHURCH ME LAST S104324694  
West 15 MAIN STREET N/A  
1/8-1/4 WINDHAM, ME

0.246 mi.  
1298 ft.

[Click here for full text details](#)

Relative: Lower ME LAST  
Spill Number: P-716-1997

20 LORRAINE JONASSEN ME LAST S111435983  
WSW 859 GRAY ROAD N/A  
1/8-1/4 GORHAM, ME

0.250 mi.  
1318 ft.

[Click here for full text details](#)

Relative: Lower ME LAST  
Spill Number: P-130-2011

A21 SAPPI LFH ME VCP S118126954  
West MAIN STREET & DEPOT STREET ME ALLSITES N/A  
1/8-1/4 WINDHAM, ME

0.250 mi.  
1319 ft.

[Click here for full text details](#)

Relative: Lower ME VCP  
Facility Status: INVESTIGATION STAGE  
Facility Id: REM02175

ME ALLSITES  
Facility ID: REM02175  
Status: INVESTIGATION STAGE

Map ID	Direction	Distance	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
22	WSW	1/4-1/2	0.277 mi.	O'BRIEN (RENTAL) 817 GRAY RD GORHAM, ME		ME LAST	S112198476	N/A
				1462 ft.	<a href="#">Click here for full text details</a>			
Relative:	Lower			ME LAST	Spill Number: P-629-2000			
C23	WNW	1/4-1/2	0.281 mi.	SHAW RESIDENCE 134 MAIN ST., RT. 202 WINDHAM, ME		ME LAST	S105000644	N/A
				1486 ft.	<a href="#">Click here for full text details</a>			
Relative:	Lower			ME LAST	Spill Number: P-338-1998			
24	NW	1/4-1/2	0.290 mi.	MAINE CEDAR LOG HOMES 35 MAIN STREET WINDHAM, ME		ME LUST	S110768010	N/A
				1531 ft.	<a href="#">Click here for full text details</a>			
Relative:	Lower			ME LUST	Spill Number: P-433-2007 Spill Value: Oil Incident			
C25	WNW	1/4-1/2	0.297 mi.	SHAUGHNESSY, MICHAEL 32 MAIN ST. WINDHAM, ME		ME LAST	S105002478	N/A
				1566 ft.	<a href="#">Click here for full text details</a>			
Relative:	Lower			ME LAST	Spill Number: P-728-1999			
D26	SW	1/4-1/2	0.320 mi.	DWAYNE ST OURS 771 GRAY ROAD GORHAM, ME		ME LAST	S118709834	N/A
				1690 ft.	<a href="#">Click here for full text details</a>			
Relative:	Lower			ME LAST	Spill Number: P-296-2014			

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

D27 RESIDENCE ME LAST S111435960  
SW 771 GRAY ROAD N/A  
1/4-1/2 GORHAM, ME  
0.324 mi.  
1709 ft.

Relative: [Click here for full text details](#)  
Lower ME LAST  
Spill Number: P-1074-2008

D28 LEE MICHAUD ME LAST S110534247  
SW 751 GRAY RD N/A  
1/4-1/2 GORHAM, ME  
0.349 mi.  
1842 ft.

Relative: [Click here for full text details](#)  
Lower ME LAST  
Spill Number: P-22-2008

29 LOUISE SICLANO ME LAST S106073198  
SW 720 GRAY RD N/A  
1/4-1/2 GORHAM, ME  
0.405 mi.  
2138 ft.

Relative: [Click here for full text details](#)  
Lower ME LAST  
Spill Number: P-187-2002

30 MAINE CORRECTIONAL CENTER ME LUST S108229745  
South 119 MALLISON FALLS RD N/A  
1/4-1/2 WINDHAM, ME  
0.418 mi.  
2208 ft.

Relative: [Click here for full text details](#)  
Lower ME LUST  
Spill Number: P-461-1998  
Spill Value: Oil Incident

31 MAINE CORRECTIONAL CENTER ME LUST S104207034  
SE 119 MALLISON STREET ME SPILLS N/A  
1/4-1/2 WINDHAM, ME  
0.426 mi.  
2250 ft.

Relative: [Click here for full text details](#)  
Lower ME LUST  
Spill Number: P-481-1989  
Spill Number: P-465-1998  
Spill Value: Non-Oil, Non-Hazardous Incident  
Spill Value: Oil Incident

ME SPILLS

Map ID	MAP FINDINGS		
Direction			
Distance			EDR ID Number
Elevation	Site	Database(s)	EPA ID Number

**MAINE CORRECTIONAL CENTER (Continued)**
**S104207034**

Spill Number: P-630-1998

32	THAYER STORE	ME LAST	S105111184
North	363 RIVER RD. & NEWHALL		N/A
1/4-1/2	WINDHAM, ME		
0.433 mi.			
2287 ft.			
Relative:	<a href="#">Click here for full text details</a>		
Lower	ME LAST		
	Spill Number: P-657-2000		
33	PIETER VAN EEKELEN	ME LAST	S108052127
SW	14 PLEASANT ST		N/A
1/4-1/2	GORHAM, ME		
0.443 mi.			
2338 ft.			
Relative:	<a href="#">Click here for full text details</a>		
Lower	ME LAST		
	Spill Number: P-779-2004		
34	RICH TOOL & DIE CO	ME LUST	1000445399
South	3 MALLISON FALLS RD	ME UST	MED985468099
1/4-1/2	WINDHAM, ME 04062	RCRA NonGen / NLR	
0.449 mi.		FINDS	
2372 ft.		ECHO	
Relative:	<a href="#">Click here for full text details</a>		
Lower	ME LUST		
	Spill Number: P-500-1992		
	Spill Value: Oil Incident		
	ME UST		
	Pipe Status: REMOVED		
	Facility Id: 15222		
	RCRA NonGen / NLR		
	EPA Id: MED985468099		
	FINDS		
	Registry ID:: 110003557419		

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

E35 DAVID LOURA  
WSW 254 HUSTON RD  
1/4-1/2 GORHAM, ME  
0.453 mi.  
2393 ft.

Relative: Click here for full text details  
Lower ME LAST  
Spill Number: P-238-2013

ME LAST S117323425  
N/A

36 MALLISON FALLS MILL  
ESE 4 MALLISON FALLS ROAD  
1/4-1/2 WINDHAM, ME 04062  
0.459 mi.  
2425 ft.

Relative: Click here for full text details  
Lower US BROWNFIELDS  
ACRES property ID: 182701

US BROWNFIELDS 1017782444  
FINDS N/A

FINDS  
Registry ID:: 110064039400

F37 LIL MART, NOURIA ENERGY  
SSW 688 GRAY ROAD, ROUTE 202  
1/4-1/2 GORHAM, ME  
0.478 mi.  
2522 ft.

Relative: Click here for full text details  
Lower ME LUST  
Spill Number: P-1073-2015  
Spill Value: Oil Incident

ME LUST S120763683  
N/A

E38 KELLY COLARUSSO  
WSW 25 HANNAH DR  
1/4-1/2 GORHAM, ME  
0.479 mi.  
2530 ft.

Relative: Click here for full text details  
Lower ME LAST  
Spill Number: P-771-2006

ME LAST S109799061  
N/A

E39 PORT RESOURCES  
WSW 15 HANNAH DRIVE  
1/4-1/2 GORHAM, ME  
0.480 mi.  
2533 ft.

Relative: Click here for full text details  
Lower ME LAST  
Spill Number: P-147-2016

ME LAST S120763226  
N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

F40	LITTLE FALLS MINI MART (LIL MART) 688 GRAY RD. (RT. 202 & 237) GORHAM, ME 1/4-1/2 0.482 mi. 2547 ft. Relative: Lower	ME LUST <a href="#">Click here for full text details</a>	S106519207 N/A
ME LUST	Spill Number: P-257-1991 Spill Value: Oil Incident		
F41	NOURLA ENERGY LAMPRON LIL MART 688 GRAY RD 688 GRAY ROAD GORHAM, ME 04038 1/4-1/2 0.482 mi. 2547 ft. Relative: Lower	ME LUST <a href="#">Click here for full text details</a>	S111219112 ME TIER 2 N/A
ME LUST	Spill Number: P-373-2012 Spill Value: Oil Incident		
ME TIER 2	Facility Id: FATR20137ZJ7DS010J7S Facility Id: FATR20147ZJ7DS010J7S Facility Id: FATR20127ZJ7DS010J7S Facility Id: FATR20157ZJ7DS010J7S Facility Id: FATR20117ZJ7DS010J7S Facility Id: FATR20107ZJ7DS010J7S Facility Id: FATR20167ZJ7DS010J7S		
F42	LAMPRONS LITTLE FALLS MINI MART 688 GRAY RD, RT. 202 CIRCLE GORHAM, ME 1/4-1/2 0.482 mi. 2547 ft. Relative: Lower	ME LUST <a href="#">Click here for full text details</a>	S109802245 N/A
ME LUST	Spill Number: P-566-2007 Spill Value: Oil Incident		
F43	LITTLE FALLS MINI MART GULF 688 GRAY RD - RT 202 GORHAM, ME 1/4-1/2 0.482 mi. 2547 ft. Relative: Lower	ME LUST <a href="#">Click here for full text details</a>	S106674346 N/A
ME LUST	Spill Number: P-1015-2002 Spill Value: Oil Incident		

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

F44	LAMPRON LIL MART 688 GRAY RD - RT 237 GORHAM, ME 1/4-1/2 0.482 mi. 2547 ft. Relative: Lower	ME LUST <a href="#">Click here for full text details</a>  ME LUST Spill Number: P-381-2004 Spill Value: Oil Incident	ME LUST S106674399 N/A
F45	LITTLE FALLS MINI MART 688 GRAY RD. RT 202 GORHAM, ME 1/4-1/2 0.482 mi. 2547 ft. Relative: Lower	ME LUST <a href="#">Click here for full text details</a>  ME LUST Spill Number: P-560-1993 Spill Number: P-403-1989 Spill Value: Oil Incident	ME LUST S104207049 N/A
F46	LITTLE FALLS MINI-MART 688 GRAY ROAD (RTE. 202) GORHAM, ME 1/4-1/2 0.482 mi. 2547 ft. Relative: Lower	ME INST CONTROL <a href="#">Click here for full text details</a>  ME INST CONTROL Facility Id: REM01039 Facility Status: REMEDY IN PLACE: CLOSED	ME INST CONTROL S106615696 ME VCP N/A ME ALLSITES
F47	LITTLE FALLS MINI MART 688 GRAY RD., RT. 202 GORHAM, ME 1/4-1/2 0.482 mi. 2547 ft. Relative: Lower	ME VCP Facility Status: REMEDY IN PLACE: CLOSED Facility Id: REM01039  ME ALLSITES Facility ID: REM01039 Status: REMEDY IN PLACE: CLOSED	ME LUST S105794982 N/A
		ME LUST Spill Number: P-697-2001 Spill Value: Non-Oil, Non-Hazardous Incident	

Map ID	MAP FINDINGS		
Direction			
Distance			EDR ID Number
Elevation	Site		EPA ID Number

**G48**      **LITTLE FALLS MOBIL**      **ME LUST**      **S106674330**  
**SSW**      **20 MOSHER RD**            **N/A**  
**1/4-1/2**      **GORHAM, ME**

**0.484 mi.**  
**2553 ft.**

**Relative:**  
**Lower**      [Click here for full text details](#)

**ME LUST**  
 Spill Number: P-916-2007  
 Spill Number: P-471-2010  
 Spill Number: P-278-2005  
 Spill Number: P-584-2003  
 Spill Value: Oil Incident  
 Spill Value: Non-Oil, Non-Hazardous Incident

**G49**      **LITTLE FALLS MOBIL**      **ME LUST**      **S106789537**  
**SSW**      **20 MOSHER RD - RT 202**            **N/A**  
**1/4-1/2**      **GORHAM, ME**

**0.484 mi.**  
**2553 ft.**

**Relative:**  
**Lower**      [Click here for full text details](#)

**ME LUST**  
 Spill Number: P-205-1999  
 Spill Value: Oil Incident

**G50**      **LITTLE FALLS MOBIL (KIMBALLS' MOBIL)**      **ME LUST**      **S104324637**  
**SSW**      **20 MOSHER RD. (RT. 237)**      **ME LAST**      **N/A**  
**1/4-1/2**      **GORHAM, ME**

**0.484 mi.**  
**2555 ft.**

**Relative:**  
**Lower**      [Click here for full text details](#)

**ME LUST**  
 Spill Number: P-290-2012  
 Spill Number: P-428-1989  
 Spill Number: P-34-1997  
 Spill Value: Oil Incident

**ME LAST**  
 Spill Number: P-290-2012  
 Spill Number: P-34-1997

**G51**      **JTL OIL CO WILLIAMS OIL**      **ME LAST**      **S109799055**  
**SSW**      **26 MOSHER RD ROUTE 237**            **N/A**  
**1/4-1/2**      **GORHAM, ME**

**0.497 mi.**  
**2626 ft.**

**Relative:**  
**Lower**      [Click here for full text details](#)

**ME LAST**  
 Spill Number: P-367-2007

Map ID	Direction	Distance	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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**G52** WILLIAMS OIL CO.  
**SSW** 26 MOSHER RD.  
**1/4-1/2** GORHAM, ME  
**0.497 mi.**  
**2626 ft.**

[Click here for full text details](#)

**Relative:**  
**Lower** **ME LAST**  
 Spill Number: P-220-1997

**ME LAST** S104223020  
 N/A

**53** MAINE CORRECTIONAL CENTER  
**SSE** RIVER ROAD  
**1/2-1** WINDHAM, ME  
**0.731 mi.**  
**3859 ft.**

**ME SHWS** S103169960  
**ME LUST** N/A  
**ME ALLSITES**

[Click here for full text details](#)  
**Relative:**  
**Lower** **ME SHWS**  
 Facility Id: REM00908  
 : TRANSFERRED TO OTHER DIVISION

**ME LUST**  
 Spill Number: P-96-1998  
 Spill Value: Oil Incident

**ME ALLSITES**  
 Facility ID: REM00908  
 Status: TRANSFERRED TO OTHER DIVISION

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ME	AIRS	Emissions Inventory Data	Department of Environmental Protection	06/20/2017	09/13/2017	11/14/2017
ME	ALLSITES	Remediation Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
ME	AST	Aboveground Storage Tanks	Maine Emergency Management Agency	12/31/2016	09/27/2017	10/03/2017
ME	AST 2	Registered Petroleum Tanks Database	Department of Environmental Protection	10/02/2017	10/05/2017	11/14/2017
ME	BROWNFIELDS	Remediation Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
ME	DEL HWS	Sites Removed from the Uncontrolled Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
ME	DRYCLEANERS	Drycleaner Facilities	Department of Environmental Protection	12/31/2015	03/07/2017	09/27/2017
ME	INST CONTROL	Remediation Sites List	Department of Environmental Protection	07/18/2017	07/19/2017	08/23/2017
ME	LAST	HOSS Database	Department of Environmental Protection	07/29/2017	08/03/2017	08/24/2017
ME	LCP	Municipal Landfill Closure Database	Department of Environmental Protection	11/14/2011	11/15/2011	11/30/2011
ME	LIENS	Environmental Liens Information Listing	Department of Environmental Protection	08/04/2017	08/08/2017	08/24/2017
ME	LUST	Hazardous Material and Oil Spill System Database (H.O.S.S.)	Department of Environmental Protection	07/29/2017	08/03/2017	08/24/2017
ME	NPDES	Wastewater Facilities Listing	Department of Environmental Protection	06/27/2017	06/29/2017	10/06/2017
ME	RGA HWS	Recovered Government Archive Hazardous Waste Facilities	Department of Environmental Protection		07/01/2013	01/08/2014
ME	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Protection		07/01/2013	01/17/2014
ME	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Environmental Protection		07/01/2013	01/10/2014
ME	SHWS	Remediation Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
ME	SPILLS	Hazardous Material and Oil Spill System Database	Department of Environmental Protection	07/29/2017	08/03/2017	08/24/2017
ME	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	06/07/2001	01/03/2013	03/06/2013
ME	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	11/05/2012	01/03/2013	01/25/2013
ME	SWF/LF	Solid Waste Facility List	Department of Environmental Protection	11/15/2017	11/17/2017	11/17/2017
ME	SWRCY	Recycling Facilities	Department of Environmental Protection	12/13/2011	12/15/2011	01/23/2012
ME	TIER 2	Tier 2 Information Listing	Maine Emergency Management Agency	12/31/2016	09/27/2017	10/03/2017
ME	UIC	Underground Injection Control	Department of Environmental Protection	11/13/2017	11/14/2017	11/17/2017
ME	UST	Underground Storage Tank Database	Department of Environmental Protection	08/07/2017	08/17/2017	10/03/2017
ME	VCP	Remediation Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	04/22/2013	03/03/2015	03/09/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/25/2017	09/26/2017	10/20/2017
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2017	08/03/2017	10/20/2017
US	CORRACTS	Corrective Action Report	EPA	09/13/2017	09/26/2017	10/06/2017
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	02/13/2017	02/15/2017	11/03/2017
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	Delisted NPL	National Priority List Deletions	EPA	05/30/2017	06/09/2017	09/15/2017
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/02/2017	09/06/2017	10/20/2017
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	09/18/2017	09/21/2017	10/13/2017
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	11/07/2016	01/05/2017	04/07/2017
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FINDS	Facility Index System/Facility Registry System	EPA	07/23/2017	09/06/2017	09/15/2017
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	01/31/2015	07/08/2015	10/13/2015
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/17/2017	08/17/2017	09/15/2017
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	12/23/2016	12/27/2016	02/17/2017
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	09/21/2017	09/21/2017	10/13/2017
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	04/14/2017	07/27/2017	10/06/2017
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/25/2017	11/07/2017	12/08/2017
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	10/14/2016	01/27/2017	05/05/2017
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/26/2017	07/27/2017	10/13/2017
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/24/2017	07/27/2017	10/06/2017
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/14/2017	07/27/2017	10/06/2017
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/01/2017	07/27/2017	10/13/2017
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/13/2017	07/27/2017	10/13/2017
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	04/14/2017	07/27/2017	10/06/2017
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/25/2017	07/27/2017	10/13/2017
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/14/2016	01/27/2017	05/05/2017
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/26/2017	07/27/2017	10/06/2017
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/24/2017	07/27/2017	12/08/2017
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/02/2017	07/27/2017	10/06/2017
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/01/2017	07/27/2017	10/13/2017
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/13/2017	07/27/2017	10/13/2017
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 Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	05/30/2017	06/09/2017	09/15/2017
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	07/11/2017	07/26/2017	10/13/2017
US	LUCIS	Land Use Control Information System	Department of the Navy	05/22/2017	06/13/2017	09/15/2017
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	NPL	National Priority List	EPA	05/30/2017	06/08/2017	09/15/2017
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	06/01/2017	06/09/2017	10/13/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	Proposed NPL	Proposed National Priority List Sites	EPA	05/30/2017	06/09/2017	09/15/2017
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	10/02/2017	10/05/2017	10/13/2017
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2017	11/17/2017	12/08/2017
US	ROD	Records Of Decision	EPA	09/27/2017	10/12/2017	10/20/2017
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	07/11/2017	07/21/2017	10/06/2017
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	07/11/2017	07/28/2017	10/06/2017
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2014	11/24/2015	04/05/2016
US	TSCA	Toxic Substances Control Act	EPA	12/31/2012	01/15/2015	01/29/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
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	08/21/2017	09/20/2017	12/08/2017
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	07/13/2017	09/06/2017	10/06/2017
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	08/10/2017	08/30/2017	10/13/2017
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	10/17/2017	11/01/2017	12/08/2017
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	07/13/2017	09/06/2017	10/06/2017
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	08/10/2017	08/30/2017	10/13/2017
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	07/31/2017	08/30/2017	10/13/2017
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
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	10/25/2016	06/02/2017	10/13/2017
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/28/2017	08/18/2017	11/14/2017
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2016	04/11/2017	07/27/2017
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	10/01/2017	11/01/2017	11/13/2017
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2016	07/25/2017	09/25/2017
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2013	06/19/2015	07/15/2015
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	08/29/2017	09/08/2017	11/10/2017
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			
ME	Daycare Centers	Sensitive Receptor: Child Care Listing	Department of 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			

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ME	State Wetlands	Wetland Inventory	MEGIS			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		PennWell Corporation			
US	Electric Power Transmission Line Data		PennWell Corporation			

### STREET AND ADDRESS INFORMATION

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## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

JA ANDREWS SCHOOL  
55 HIGH STREET  
WINDHAM, ME 04062

### TARGET PROPERTY COORDINATES

Latitude (North):	43.73473 - 43° 44' 5.03"
Longitude (West):	70.420026 - 70° 25' 12.09"
Universal Tranverse Mercator:	Zone 19
UTM X (Meters):	385640.8
UTM Y (Meters):	4843174.5
Elevation:	180 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	6698924 GORHAM, ME
Version Date:	2014
North Map:	6698952 NORTH WINDHAM, ME
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

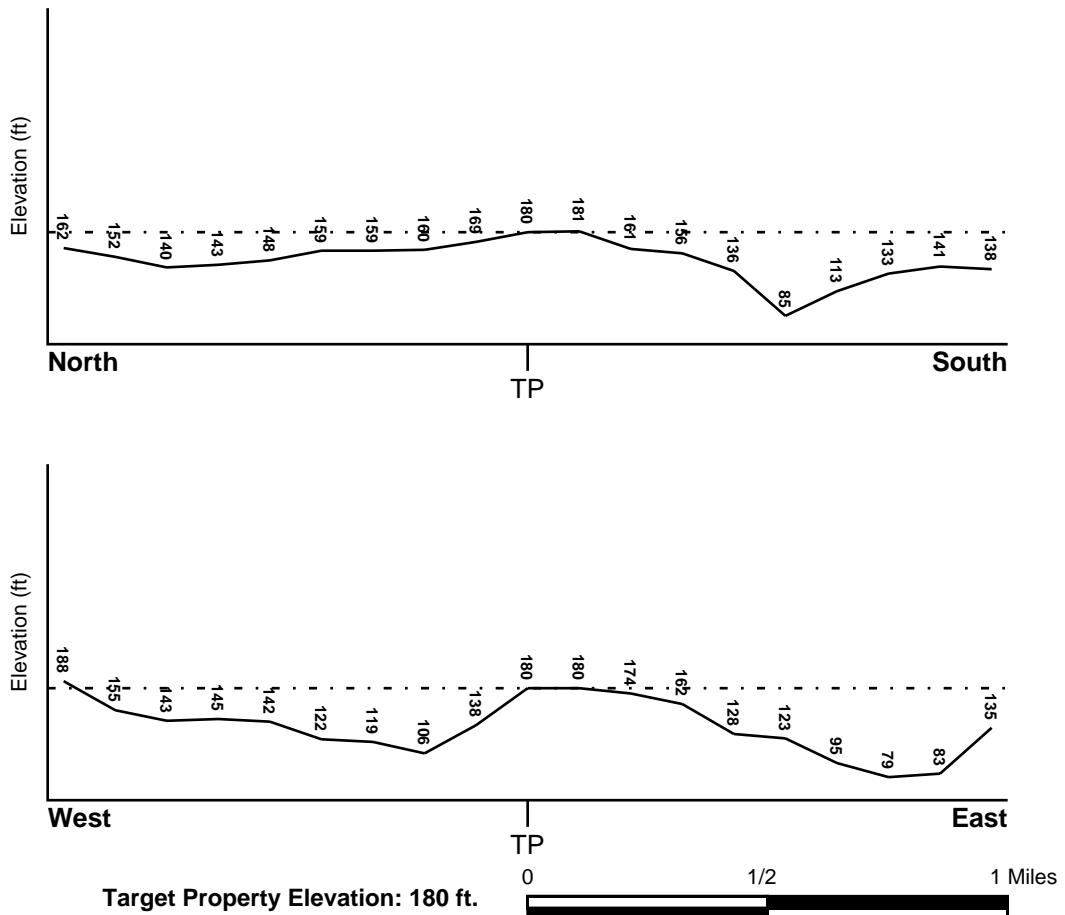
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **TARGET PROPERTY TOPOGRAPHY**

General Topographic Gradient: General West

#### **SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**



Source: Topography has been determined from the USGS 7.5' 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.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
2301890025B	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
2301890010B	FEMA Q3 Flood data
2301890030B	FEMA Q3 Flood data
2300470020B	FEMA Q3 Flood data

### **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
GORHAM	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

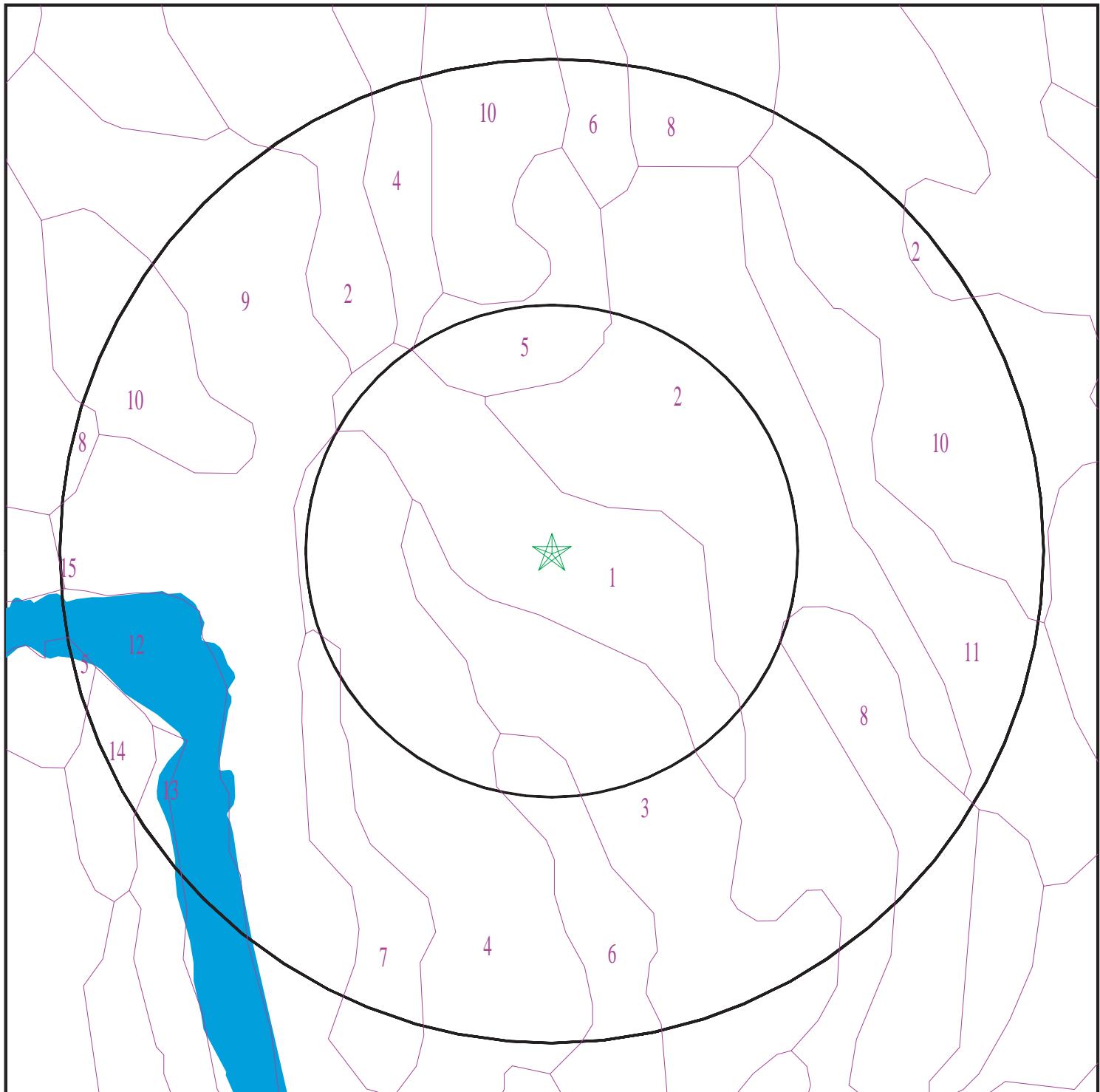
Era: Paleozoic  
System: Devonian and Silurian  
Series: Devonian and Silurian  
Code: DSe *(decoded above as Era, System & Series)*

#### GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 5136264.2s



★ Target Property

~ SSURGO Soil

~ Water

0 1/16 1/8 1/4 Miles



SITE NAME: JA Andrews School  
ADDRESS: 55 High Street  
Windham ME 04062  
LAT/LONG: 43.73473 / 70.420026

CLIENT: Beacon Environmental Consultants, LLC  
CONTACT: John K Cressey  
INQUIRY #: 5136264.2s  
DATE: December 13, 2017 12:29 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name:

ELMWOOD

Soil Surface Texture:

fine sandy loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min:

> 0 inches

Depth to Watertable Min:

> 69 inches

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6 Min: 4.5	
2	7 inches	25 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42.34 Min: 14.11	Max: 6.5 Min: 5.6	
3	25 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0	Max: 7.3 Min: 6.1	

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: BELGRADE  
 Soil Surface Texture: very fine sandy loam  
 Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.  
 Soil Drainage Class: Moderately well drained  
 Hydric Status: Not hydric  
 Corrosion Potential - Uncoated Steel: Low  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 61 inches

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	9 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6 Min: 3.6	
2	9 inches	18 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5	
3	18 inches	27 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5	
4	27 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 4.5	

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 3

Soil Component Name: PAXTON  
 Soil Surface Texture: fine sandy loam  
 Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.  
 Soil Drainage Class: Well drained  
 Hydric Status: Not hydric  
 Corrosion Potential - Uncoated Steel: Low  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 92 inches

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6 Min: 3.6	
2	7 inches	20 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6 Min: 3.6	
3	20 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6	

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 4

Soil Component Name: HARTLAND  
 Soil Surface Texture: very fine sandy loam  
 Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.  
 Soil Drainage Class: Well drained  
 Hydric Status: Not hydric  
 Corrosion Potential - Uncoated Steel: Low  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 0 inches

Soil Layer Information								
	Boundary			Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	7 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6 Min: 3.6	
2	7 inches	18 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6 Min: 3.6	
3	18 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 6.5 Min: 5.1	

### Soil Map ID: 5

Soil Component Name: BUXTON  
 Soil Surface Texture: silt loam  
 Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.  
 Soil Drainage Class: Moderately well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 6.5 Min: 4.5	
2	7 inches	16 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.1	
3	16 inches	38 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0	Max: 7.3 Min: 5.1	
4	38 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 1.41 Min: 0	Max: 7.3 Min: 5.6	

### Soil Map ID: 6

Soil Component Name: MELROSE

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42.34 Min: 14.11	Max: 6 Min: 5.1	
2	7 inches	22 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6 Min: 5.1	
3	22 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0	Max: 7.3 Min: 5.1	

### Soil Map ID: 7

Soil Component Name: HOLLIS

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information								
	Boundary			Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6 Min: 3.6	
2	5 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6 Min: 3.6	
3	18 inches	22 inches	unweathered bedrock	Not reported	Not reported	Max: 141.14 Min: 0.07	Max: Min:	

### Soil Map ID: 8

Soil Component Name: HOLLIS

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information								
	Boundary			Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6 Min: 3.6	

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information								
	Boundary			Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
2	5 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.34 Min: 14.11	Max: 6 Min: 3.6	
3	18 inches	22 inches	unweathered bedrock	Not reported	Not reported	Max: 141.14 Min: 0.07	Max: Min:	

### Soil Map ID: 9

Soil Component Name:

CUT AND FILL LAND

Soil Surface Texture:

very gravelly sandy loam

Hydrologic Group:

Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class:

Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information								
	Boundary			Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	59 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141.14 Min: 0.42	Max: 7.8 Min: 4.5	

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 10

Soil Component Name: SCANTIC  
 Soil Surface Texture: silt loam  
 Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.  
 Soil Drainage Class: Poorly drained  
 Hydric Status: All hydric  
 Corrosion Potential - Uncoated Steel: High  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 15 inches

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 6.5 Min: 4.5	
2	7 inches	27 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0	Max: 7.3 Min: 5.1	
3	27 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 1.41 Min: 0	Max: 7.3 Min: 5.6	

### Soil Map ID: 11

Soil Component Name: BUXTON  
 Soil Surface Texture: silt loam  
 Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.  
 Soil Drainage Class: Somewhat poorly drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 6.5 Min: 4.5	
2	9 inches	16 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.1	
3	16 inches	38 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0	Max: 7.3 Min: 5.1	
4	38 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 1.41 Min: 0	Max: 7.3 Min: 5.6	

### Soil Map ID: 12

Soil Component Name: WATER BODIES GREATER

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 13

Soil Component Name: SWANTON  
 Soil Surface Texture: fine sandy loam  
 Hydrologic Group: Class C/D - Drained/undrained hydrology class of soils that can be drained and classified.  
 Soil Drainage Class: Poorly drained  
 Hydric Status: All hydric  
 Corrosion Potential - Uncoated Steel: High  
 Depth to Bedrock Min: > 0 inches  
 Depth to Watertable Min: > 23 inches

Soil Layer Information								
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil			
1	0 inches	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42.34 Min: 14.11	Max: 7.3 Min: 5.1	
2	9 inches	31 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 42.34 Min: 14.11	Max: 7.3 Min: 5.1	
3	31 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0	Max: 8.4 Min: 5.6	

### Soil Map ID: 14

Soil Component Name: SUFFIELD  
 Soil Surface Texture: silt loam  
 Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.  
 Soil Drainage Class: Moderately well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 1.41	Max: 6.5 Min: 4.5	
2	5 inches	22 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.1	
3	22 inches	33 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.41 Min: 0	Max: 7.3 Min: 5.1	
4	33 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 1.41 Min: 0	Max: 7.3 Min: 5.6	

### Soil Map ID: 15

Soil Component Name: PODUNK

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information								
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)	
	Upper	Lower		AASHTO Group	Unified Soil			
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42.34 Min: 4.23	Max: 6.5 Min: 4.5	
2	7 inches	25 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42.34 Min: 4.23	Max: 6.5 Min: 4.5	
3	25 inches	59 inches	stratified very gravelly coarse sand to loamy fine sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 42.34	Max: 6.5 Min: 4.5	

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	USGS40000420156	1/4 - 1/2 Mile South
6	USGS40000420148	1/4 - 1/2 Mile SSW
7	USGS40000420146	1/4 - 1/2 Mile SSW
A8	USGS40000420187	1/4 - 1/2 Mile NNE
12	USGS40000420191	1/2 - 1 Mile NE
13	USGS40000420198	1/2 - 1 Mile NNW
22	USGS40000420208	1/2 - 1 Mile NE

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

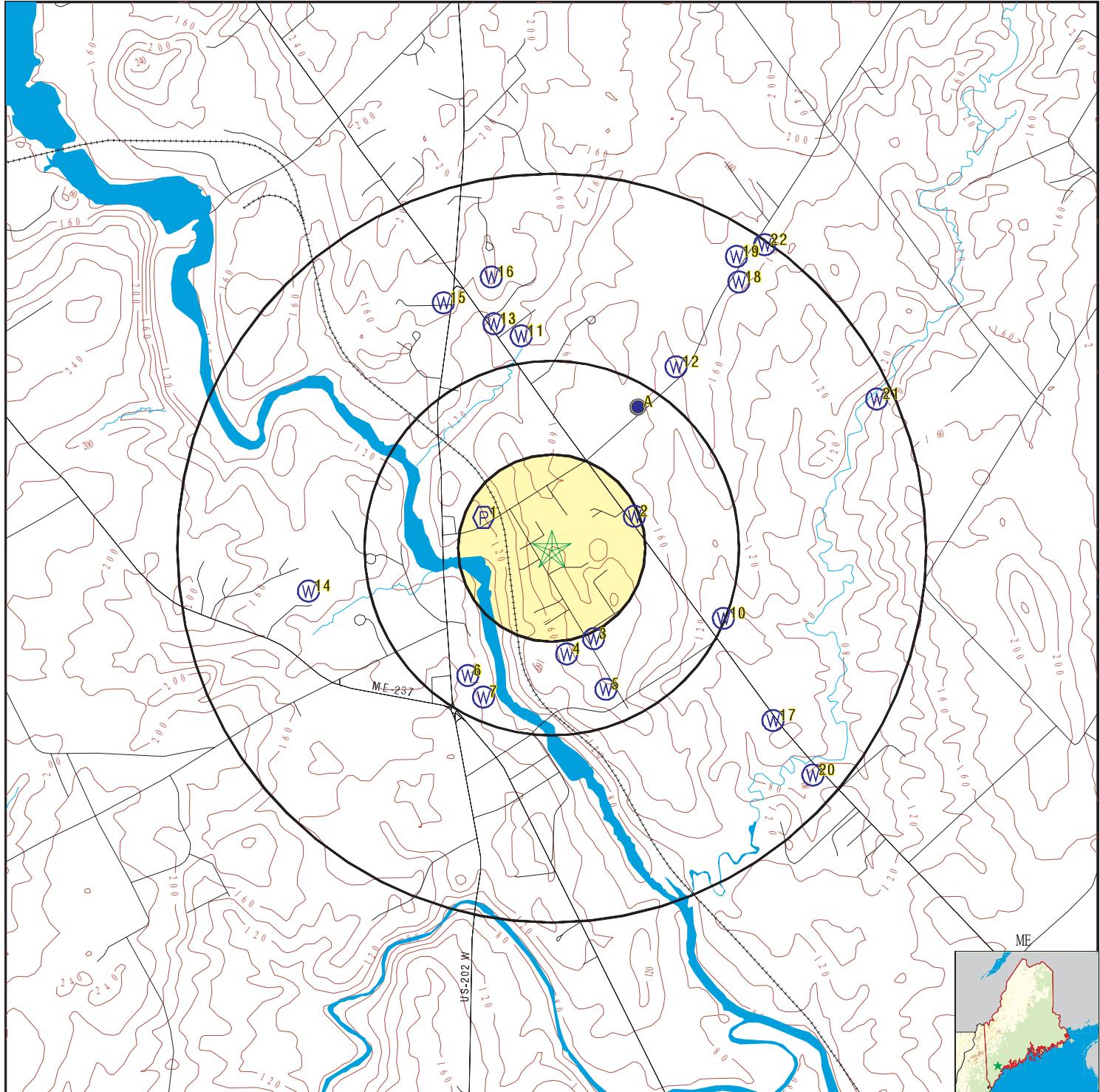
MAP ID	WELL ID	LOCATION FROM TP
1	ME0004228	1/8 - 1/4 Mile WNW

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	MEMGS0000018494	1/8 - 1/4 Mile ENE
3	MEMGS0000018538	1/4 - 1/2 Mile SSE
5	MEMGS0000018550	1/4 - 1/2 Mile SSE
A9	MEMGS0000015945	1/4 - 1/2 Mile NNE
10	MEMGS0000018534	1/4 - 1/2 Mile ESE
11	MEMGS0000015922	1/2 - 1 Mile North
14	MEMGS0000020924	1/2 - 1 Mile West
15	MEMGS0000029301	1/2 - 1 Mile NNW
16	MEMGS0000015903	1/2 - 1 Mile NNW
17	MEMGS0000039348	1/2 - 1 Mile SE
18	MEMGS0000015907	1/2 - 1 Mile NE
19	MEMGS0000015900	1/2 - 1 Mile NNE
20	MEMGS0000018570	1/2 - 1 Mile SE
21	MEMGS0000015944	1/2 - 1 Mile ENE

# PHYSICAL SETTING SOURCE MAP - 5136264.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

SITE NAME: JA Andrews School  
 ADDRESS: 55 High Street  
 Windham ME 04062  
 LAT/LONG: 43.73473 / 70.420026

CLIENT: Beacon Environmental Consultants, LLC  
 CONTACT: John K Cressey  
 INQUIRY #: 5136264.2s  
 DATE: December 13, 2017 12:29 pm

## GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
1	WNW	<a href="#">Click here for full text details</a>	1/8 - 1/4 Mile	FRDS PWS	ME0004228
			Lower		
2	ENE	<a href="#">Click here for full text details</a>	1/8 - 1/4 Mile	ME WELLS	MEMGS0000018494
			Lower		
3	SSE	<a href="#">Click here for full text details</a>	1/4 - 1/2 Mile	ME WELLS	MEMGS0000018538
			Higher		
4	South	<a href="#">Click here for full text details</a>	1/4 - 1/2 Mile	FED USGS	USGS40000420156
			Lower		
5	SSE	<a href="#">Click here for full text details</a>	1/4 - 1/2 Mile	ME WELLS	MEMGS0000018550
			Lower		
6	SSW	<a href="#">Click here for full text details</a>	1/4 - 1/2 Mile	FED USGS	USGS40000420148
			Lower		
7	SSW	<a href="#">Click here for full text details</a>	1/4 - 1/2 Mile	FED USGS	USGS40000420146
			Lower		
A8	NNE	<a href="#">Click here for full text details</a>	1/4 - 1/2 Mile	FED USGS	USGS40000420187
			Lower		
A9	NNE	<a href="#">Click here for full text details</a>	1/4 - 1/2 Mile	ME WELLS	MEMGS0000015945
			Lower		

## GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
10	ESE	<a href="#">Click here for full text details</a>	1/4 - 1/2 Mile	ME WELLS	MEMGS0000018534
			Lower		
11	North	<a href="#">Click here for full text details</a>	1/2 - 1 Mile	ME WELLS	MEMGS0000015922
			Lower		
12	NE	<a href="#">Click here for full text details</a>	1/2 - 1 Mile	FED USGS	USGS40000420191
			Lower		
13	NNW	<a href="#">Click here for full text details</a>	1/2 - 1 Mile	FED USGS	USGS40000420198
			Lower		
14	West	<a href="#">Click here for full text details</a>	1/2 - 1 Mile	ME WELLS	MEMGS0000020924
			Lower		
15	NNW	<a href="#">Click here for full text details</a>	1/2 - 1 Mile	ME WELLS	MEMGS0000029301
			Lower		
16	NNW	<a href="#">Click here for full text details</a>	1/2 - 1 Mile	ME WELLS	MEMGS0000015903
			Higher		
17	SE	<a href="#">Click here for full text details</a>	1/2 - 1 Mile	ME WELLS	MEMGS0000039348
			Lower		
18	NE	<a href="#">Click here for full text details</a>	1/2 - 1 Mile	ME WELLS	MEMGS0000015907
			Lower		

## GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

19  
NNE [Click here for full text details](#) ME WELLS MEMGS0000015900  
1/2 - 1 Mile  
Lower

20  
SE [Click here for full text details](#) ME WELLS MEMGS0000018570  
1/2 - 1 Mile  
Lower

21  
ENE [Click here for full text details](#) ME WELLS MEMGS0000015944  
1/2 - 1 Mile  
Lower

22  
NE [Click here for full text details](#) FED USGS USGS40000420208  
1/2 - 1 Mile  
Lower

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

## RADON

### AREA RADON INFORMATION

State Database: ME Radon

#### Radon Test Results

Zip	City	Floor	Results
04062	Windham	B	6.3
04062	Windham	B	38.1
04062	Windham	B	28.5
04062	Windham	B	38.1
04062	Windham	B	28.5
04062		B	0.7
04062		B	0.4
04062		F	5.9
04062		B	8.4
04062		B	8.3
04062		B	59.3
04062		B	61.5
04062		B	61.5
04062		B	59.3
04062		B	8.0
04062		B	8.7
04062		B	16.0
04062		B	16.0
04062		B	7.0
04062		B	8.3
04062		B	8.4
04062		F	5.9
04062		F	25.9
04062	Windham	B	2.2
04062	Windham	B	6.3
04062	Windham	B	13.1
04062		B	19.8
04062		B	1.6
04062		B	6.3
04062		B	0.9
04062	WINDHAM	B	41.5
04062		B	2.3
04062		B	22.0
04062		B	25.9
04062		B	26.8
04062		B	7.4
04062		F	3.6
04062		B	11.5
04062		F	11.2
04062		B	31.2
04062		B	30.8
04062		B	6.8
04062		B	10.1
04062		B	1.0
04062		B	3.5
04062		B	3.6
04062			

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS  
RADON**

**AREA RADON INFORMATION**

04062	B	10.1	
04062	B	5.5	
04062	F	2.1	
04062	B	5.3	
04062	F	11.2	
04062	B	30.8	
04062	B	31.2	
04062	F	4.3	
04062	B	7.0	
04062	B	6.9	
04062	B	9.6	
04062	F	4.5	
04062	B	13.1	
04062	B	13.4	
04062	B	47.6	
04062	B	43.3	
04062	F	18.5	
04062	B	39.3	
04062	F	18.2	
04062	B	39.1	
04062	B	12.4	
04062	B	7.7	
04062	B	0.6	
04062	B	3.9	
04062	F	1.3	
04062	B	7.8	
04062	B	0.1	
04062	B	5.0	
04062	B	1.2	
04062	B	0.6	
04062	B	0.3	
04062	B	0.5	
04062	F	2.1	
04062	B	5.3	
04062	B	5.5	
04062	B	0.9	
04062	B	0.3	
04062	B	1.3	
04062	B	1.3	
04062	B	25.4	
04062	B	25.0	
04062	WINDHAM	B	27.4
04062	WINDHAM	B	250.1
04062	WINDHAM	B	13.1
04062	WINDHAM	F	3.3
04062		F	7.7
04062		F	7.3
04062		F	31.0
04062		B	80.0
04062		B	0.9
04062		B	0.8
04062		B	2.9
04062		B	3.3
04062		B	16.6
04062		B	14.7
04062		B	16.2
04062			

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**  
**RADON**

**AREA RADON INFORMATION**

04062	B	13.4	
04062	B	13.1	
04062	F	4.5	
04062	F	10.4	
04062	B	0.7	
04062	B	4.8	
04062	B	0.6	
04062	F	5.6	
04062	B	14.6	
04062	F	7.3	
04062	B	26.8	
04062	B	25.9	
04062	B	6.8	
04062	B	7.0	
04062	Westbrook	B	14.4
04062	Westbrook	B	14.4
04062	10/4/02 0:00:00	1	13766
04062		F	2.5
04062	Windham	B	11.0
04062	Windam	B	11.2
04062	Windham	B	4.0
04062	Windham	B	11.0
04062	Windam	B	11.2
04062	Windham	B	4.0
04062	Windham	B	8.0
04062	Windham	B	5.0
04062	windham	B	4.2
04062	Windham	B	8.0
04062	Windham	B	5.0
04062	windham	B	4.2
04062	Windham	B	13.6
04062	Windham	B	13.6
04062	Windham	B	16.9
04062	Windham	B	94.3
04062	Windham	B	16.9
04062	Windham	B	94.3
04062	South Windham	B	6.7
04062	Windham	B	4.4
04062	South Windham	B	6.7
04062	Windham	B	4.4
04062	Windham	B	9.0
04062	Windham	B	2.0
04062	Windham	B	9.0
04062	Windham	B	2.0
04062		O	13.3
04062	Windham	B	3.9
04062	Windham	B	4.7
04062	Windham	B	3.9
04062	Windham	B	2.6
04062	North Windham	B	3.5
04062	Windham	B	2.6
04062	North Windham	B	3.5
04062		B	11.7
04062	Windham	B	29.2
04062	Windham	B	31.5
04062	Windham	B	4.7
04062			

## **GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON**

### **AREA RADON INFORMATION**

	Windham	B	29.2
04062	Windham	B	31.5
04062	Windham	B	1.0
04062	Windham	B	17.5
04062	South Windham	B	4.7
04062	Windham	B	2.5
04062	Windham	B	1.2
04062	Windham	B	1.0
04062	Windham	B	17.5
04062	South Windham	B	4.7
04062	Windham	B	2.5
04062	Windham	B	1.2
04062	Windham	B	2.6
04062	Windham	B	2.6

Federal EPA Radon Zone for CUMBERLAND County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 04062

Number of sites tested: 4

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area - 1st Floor	2.300 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	13.700 pCi/L	50%	25%	25%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: MEGIS

Telephone: 207-287-6144

## HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

Public Water Supply Wells Database

Source: Department of Human Services, Drinking Water Program

Telephone: 207-287-6196

There are 3 types of public water systems in Maine: Transient Systems; Community Systems and Non-transient Non-community Systems

## OTHER STATE DATABASE INFORMATION

### RADON

Maine Radon Test Results

Source: Department of Human Services

Telephone: 207-287-5698

The state of Maine Radiation Control Program's - Radon/Indoor Air Quality Section's position on radon map, is that they should be used neither to predict the presence of high nor low values in any given geographic or geologic area. The only conclusion that should be drawn from this data is that radon is omnipresent in the soil gasses in the state of Maine, and therefore all residences and buildings that come in contact with the ground should be tested for radon.

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United States Geological Survey

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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## **Appendix E:**

# **Regulatory File Review**

**55 HIGH ST****Location** 55 HIGH ST**Mblu** 37/ 24/ / /**Acct#** R3747R**Owner** REGIONAL SCHOOL UNIT NO 14**Assessment** \$215,200**PID** 4114**Building Count** 1**Current Value**

Assessment			
Valuation Year	Improvements	Land	Total
2016	\$117,500	\$97,700	\$215,200

**Owner of Record****Owner** REGIONAL SCHOOL UNIT NO 14**Sale Price** \$0**Co-Owner** JOHN A ANDREW SCHOOL**Certificate****Address** 228 WINDHAM CENTER ROAD  
WINDHAM, ME 04062**Book & Page** 30002/ 222**Sale Date** 10/01/2012**Instrument** QC**Ownership History**

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
REGIONAL SCHOOL UNIT NO 14	\$0		30002/ 222	QC	10/01/2012
TOWN OF WINDHAM	\$0	1	2127/ 447	WD	04/29/1953

**Building Information****Building 1 : Section 1**

**Year Built:** 1886  
**Living Area:** 4,438  
**Replacement Cost:** \$195,846  
**Building Percent** 60  
**Good:**  
**Replacement Cost**  
**Less Depreciation:** \$117,500

**Building Photo**

Building Attributes	
Field	Description
STYLE	Warehouse
MODEL	Commercial
Grade	Average

Stories:	1
Occupancy	
Exterior Wall 1	Clapboard
Exterior Wall 2	
Roof Structure	Gable/Hip
Roof Cover	Asph/F Gls/Cmp
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Floor 1	Average
Interior Floor 2	
Heating Fuel	Oil
Heating Type	Hot Water
AC Type	None
Bldg Use	TOWN OF WINDHAM
Total Rooms	1
Total Bedrms	
Total Baths	1
1st Floor Use:	
Heat/AC	NONE
Frame Type	WOOD FRAME
Baths/Plumbing	AVERAGE
Ceiling/Wall	CEIL & WALLS
Rooms/Prtns	AVERAGE
Wall Height	14
% Comn Wall	



(<http://images.vgsi.com/photos/WindhamMEPhotos//\00\01\21\81.jpg>)

### Building Layout



Building Sub-Areas (sq ft)		Legend	
Code	Description	Gross Area	Living Area
BAS	First Floor	4,438	4,438
UBM	Basement, Unfinished	4,340	0
		8,778	4,438

### Extra Features

Extra Features	Legend
No Data for Extra Features	

### Land

#### Land Use

Use Code	903C
Description	TOWN OF WINDHAM
Zone	VC
Neighborhood	001
Alt Land Appr	No
Category	

#### Land Line Valuation

Size (Acres)	2.40
Frontage	
Depth	
Assessed Value	\$97,700

**Outbuildings**

<b>Outbuildings</b>		<u><a href="#">Legend</a></u>
No Data for Outbuildings		

**Valuation History**

<b>Assessment</b>			
<b>Valuation Year</b>	<b>Improvements</b>	<b>Land</b>	<b>Total</b>
2016	\$117,500	\$97,700	\$215,200
2015	\$627,300	\$115,300	\$742,600
2014	\$627,300	\$115,300	\$742,600

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MAINE DEPARTMENT OF ENVIRONMENT PROTECTION  
OIL & HAZARDOUS MATERIALS REPORT

**Spill Number:** P-375-2002

**Report Status:** Final Report

**MCD Town:** WINDHAM

**Local Name:** WINDHAM

**Primary Responder:** SHERYL J BERNARD

**Primary Product:** #2 Fuel Oil {02} - 5 gals. ESTIMATE

**Subject/Owner:** WINDHAM SCHOOL DEPARTMENT - LORING- SUPERINTENDANT

**I: EVENT**

**Spill Info**

Type Oil Incident {O}  
Source Storage Unit - Aboveground Storage Tank {TA}  
Cause Other - Unknown {18}

**Spill Date/Time**

Date and Time Unknown

**Reporter Type/Detection Method**

Type Contractor/Consultant {6}  
Method Visual Product {L}

**Reported Date/Time**

05/17/2002 14:50

**Subject/Owner (Potential Responsible Party)**

Contact LORING-SUPERINTENDANT-WINDHAM SCHOOL DEPARTMENT

ME USA  
207892-1800

Comment

**Reporter**

Contact LINDA MACDONALD--C N BROWN  
PO BOX 200  
164 MAIN ST EXT  
SO PARIS ME 04281 USA  
8004324211 Ext. 2301

Comment

**Primary Responder and Other Employees**

SHERYL J BERNARD (Primary Responder)

No Further Response Action Expected

**II: SITE**

**Location**

Location Type School - Public {PS}  
Name REAL SCHOOL  
Street Address 55 HIGH ST  
MCD Town WINDHAM  
Local Name WINDHAM  
State/Province ME

**Spill Point**

UTM North  
UTM East

**Wells and Media Affected**

Wells Affected 0 Wells Impacted / 0 Wells At Risk  
Media Affected Land {L}

**Tanks Involved**

Above Ground Tank(s) Involved-Tank Inside

**III. CLEANUP****Product Reported**      **Cleanup DTREE**

#2 Fuel Oil {02}

**Products Found/Amount Spilled**

#2 Fuel Oil {02} / - 5 gals. ESTIMATE (Primary Product)

**Material Recovered**

Other Material {OM} - 5 gals. ESTIMATE

**Recovery/Treatment Method**

Sorbents {C}

**Disposal Information**

by C N Brown

**IV. NARRATIVE**

On 5/17/02, Jon Woodard received a report of a small spill at the Real School in Windham. On 6/3 Jon asked me to follow-up on the report. I learned from Linda MacDonald of C. N. Brown that there appeared to be historical spillage around the fill area for an above ground storage tank on the site. Webber Energy had previously filled the account. Unknown if Webber is responsible for the spillage. The C. N. Brown truck driver on site cleaned up the spill with sorbent pads. No further action required.

**V. ATTACHMENTS**

<u>Attachment Type</u>	<u>Description</u>	<u>File Name</u>
------------------------	--------------------	------------------

## **Appendix F:**

# **Vapor Encroachment Evaluation**

**JA Andrews School**

55 High Street

Windham, ME 04062

Inquiry Number: 5136264.2s

December 21, 2017

## **EDR Vapor Encroachment Screen**

**Prepared using EDR's Vapor Encroachment Worksheet**

## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Primary Map	2
Secondary Map	3
Map Findings	4
Record Sources and Currency	GR-1

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

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	0
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	property	0	-	-
State- and tribal - equivalent NPL	not searched	-	-	-
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	1	1	2
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	0.5	0	0	0
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

### ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	not searched	-	-	-
Local Land Records	property	0	-	-
Records of Emergency Release Reports	property	0	-	-
Other Ascertainable Records	1.0	0	0	0
EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

\*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

# EXECUTIVE SUMMARY

## TARGET PROPERTY INFORMATION

### ADDRESS

JA ANDREWS SCHOOL  
55 HIGH STREET  
WINDHAM, ME 04062

### COORDINATES

Latitude (North): 43.73473 - 43° 44' 5.0271606"  
Longitude (West): 70.420026 - 70° 25' 12.1032715"  
Elevation: 180 ft. above sea level

### SEARCH RESULTS

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

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
REAL SCHOOL LAST	55 HIGH ST	Property	▲ 1	6
BILL ESKILSON LAST	46 HIGH ST	<1/10 SW	◆ 2	9

# PRIMARY MAP - 5136264.2S



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

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

0 300

1/3 Miles

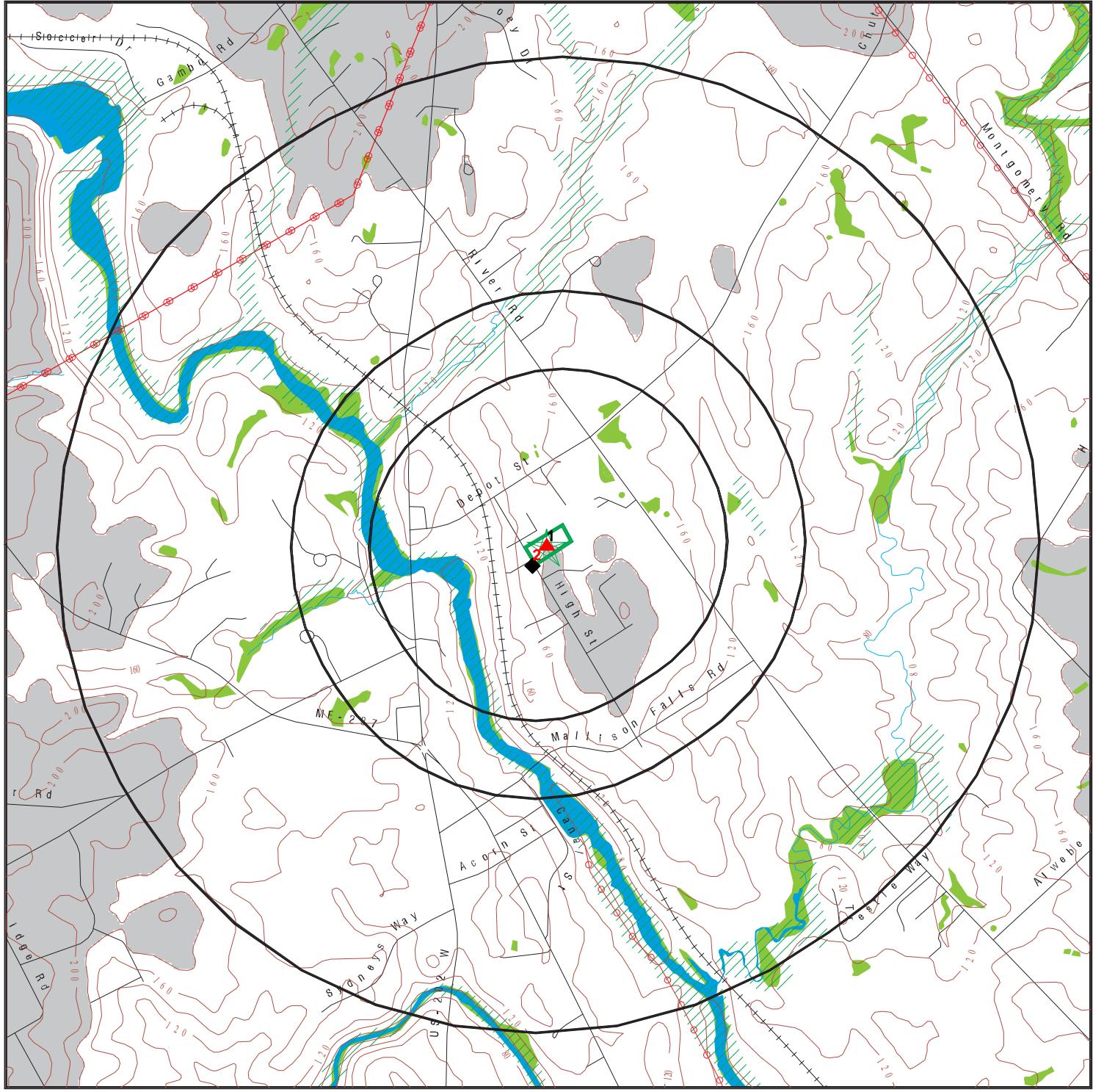


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: JA Andrews School  
 ADDRESS: 55 High Street  
 Windham ME 04062  
 LAT/LONG: 43.73473 / 70.420026

CLIENT: Beacon Environmental Consultants, LLC  
 CONTACT: John K Cressey  
 INQUIRY #: 5136264.2s  
 DATE: December 13, 2017 12:28 pm

# SECONDARY MAP - 5136264.2S



▲ 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

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

■ State Wetlands

■ Upgradient Area



SITE NAME: JA Andrews School  
 ADDRESS: 55 High Street  
 Windham ME 04062  
 LAT/LONG: 43.73473 / 70.420026

CLIENT: Beacon Environmental Consultants, LLC  
 CONTACT: John K Cressey  
 INQUIRY #: 5136264.2s  
 DATE: December 13, 2017 12:28 pm

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

MAP FINDINGS

**LEGEND**

<b>FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP</b>		<b>EDR SITE ID NUMBER</b>
<b>◆ MAP ID#</b>	Direction Distance Range Relative Elevation	(Distance feet / miles) Feet Above Sea Level
<b>Worksheet:</b>		
<b>Comments:</b> Comments may be added on the online Vapor Encroachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

<b>REAL SCHOOL 55 HIGH ST, WINDHAM, ME,</b>		<b>S105794172</b>
▲ 1	Target Property 180 ft. Above Sea Level	State and tribal leaking storage tank lists

**Worksheet:**

**LAST: State and tribal leaking storage tank lists**

**Event:**

Spill Number:	P-375-2002
Inc Tank Code:	A
Inc Tank:	Above Ground Tank(s) Involved
Removal Flag:	False
UST registered flag:	Not Reported
AST inside flag:	True
Create Date:	06/04/2002
Create By:	EISBERNA
Modify Date:	04/23/2003
Modify By:	04/23/2003
Report Status Code:	FR
Report Status:	Final Report
Spill Datetime:	Not Reported
Spill Date Unknown:	True
Spill Time Unknown:	True
Number of wells at risk:	0
Number of wells impacted:	0
DTREE completed flag:	False
MCD Value:	05250
Further response action:	False
Spill Type Code:	O
Spill Type:	Oil Incident

MAP FINDINGS

**REAL SCHOOL, 55 HIGH ST, WINDHAM, ME (Continued)**

Reporter Type Code: 6  
Reporter Type: Contractor/Consultant  
Detection Method Code: L  
Detection Method: Visual Product  
Inc Location Code: PS  
Inc Location: School - Public  
Inc Source Code: TA  
Inc Source: Storage Unit - Aboveground Storage Tank  
Spill Cause Code: 18  
Spill Cause: Other - Unknown  
Material Disposal Info: by C N Brown

**Change:**

Description: Report Created with Report Status = DR  
Date Change: 6/4/2002  
Changed By: EISBERNA  
  
Description: Report Status change from DRV to DQA  
Date Change: 8/26/2002  
Changed By: EIJWOODA  
  
Description: Report Status change from DR to DRV  
Date Change: 8/15/2002  
Changed By: EISBERNA  
  
Description: Report Status change from DQA to P  
Date Change: 9/13/2002  
Changed By: EITGALLA  
  
Description: Report Status change from P to FR  
Date Change: 1/13/2003  
Changed By: EITGALLA  
  
Description: re-entered disposal information  
Date Change: 4/23/2003  
Changed By: eitgalla

**Contact:**

Contact Type: Subject/Spiller  
Potential RP: True  
Name: LORING  
Title: SUPERINTENDANT  
Company: WINDHAM SCHOOL DEPARTMENT  
Address: Not Reported  
City,State: ,ME  
Country: USA  
Zipcode: Not Reported  
Phone/Ext: /  
Comments: Not Reported

**Primary Employee:**

## MAP FINDINGS

### **REAL SCHOOL, 55 HIGH ST, WINDHAM, ME (Continued)**

Primary Employee: True  
Name: SHERYL J BERNARD

#### **File:**

Spill Id: P-375-2002  
Date Created: 05/07/2003  
Created By: EIPLAMBE  
Date Modified: 07/16/2009  
Modified By: IMAGING  
File Num Sheets: 0  
Notes: Report scanned into the imaging system on 16-JUL-09.  
Reconcile Date: 05/07/2003  
File Reconciled By: Not Reported

#### **Media Affected:**

Medium: Land

#### **Log:**

Spill Void Flag: False  
Spill Office: Portland  
Spill Off Sequence: 375  
Spill Year: 2002  
Create Date: 06/04/2002  
Created By: EISBERNA  
Modify Date: 12/18/2002  
Modify By: EISBERNA  
Log Spill Type: Oil Incident  
Log Spill Datetime: Not Reported  
Spill Time Unk: True  
Spill Dt Unknown: True  
Log Rep Dt Tm: 05/17/2002  
Log Rep Prod Cd: 02  
Log Rep Prod: #2 Fuel Oil  
Log Emp Name: SHERYL J BERNARD  
Location: Real School, 55 High St.  
Log Location Town: WINDHAM  
Log Tank Involved: Above Ground Tank(s) Involved  
Notes: Historical spillage.

#### **Material Recovered:**

Material Recovered Type: OM  
Material Recovered: Other Material  
Material Amount: 5  
Material Units: gals.  
Material Amt Qualifier: ESTIMATE

#### **Spill Point:**

MAP FINDINGS

**REAL SCHOOL, 55 HIGH ST, WINDHAM, ME (Continued)**

Recovery Method: Sorbents

**Product:**

Product Code:	#2 Fuel Oil
Product Other:	Not Reported
Product Amt:	5
Product Amt Unit:	gals.
Product Amt Qualifier:	ESTIMATE
Primary Product:	True

BILL ESKILSON 46 HIGH ST, WINDHAM, ME,		S106073210
◆ 2	SW <1/10 5 ft. Lower Elevation	(42 ft. / 0.008 mi.) 175 ft. Above Sea Level
		State and tribal leaking storage tank lists

**Worksheet:**

**LAST: State and tribal leaking storage tank lists**

**Event:**

Spill Number:	P-1053-2002
Inc Tank Code:	A
Inc Tank:	Above Ground Tank(s) Involved
Removal Flag:	False
UST registered flag:	False
AST inside flag:	True
Create Date:	03/24/2003
Create By:	EINTHOMP
Modify Date:	09/26/2003
Modify By:	09/26/2003
Report Status Code:	FR
Report Status:	Final Report
Spill Datetime:	04/03/2002
Spill Date Unknown:	False
Spill Time Unknown:	False
Number of wells at risk:	0
Number of wells impacted:	0
DTREE completed flag:	False
MCD Value:	05250
Further response action:	False
Spill Type Code:	O
Spill Type:	Oil Incident
Reporter Type Code:	6
Reporter Type:	Contractor/Consultant
Detection Method Code:	L
Detection Method:	Visual Product
Inc Location Code:	SF

## MAP FINDINGS

### BILL ESKILSON, 46 HIGH ST, WINDHAM, ME (Continued)

Inc Location: Residential - Single Family  
Inc Source Code: TA  
Inc Source: Storage Unit - Aboveground Storage Tank  
Spill Cause Code: 08  
Spill Cause: Mechanical Failure - Loose Fitting  
Material Disposal Info: sorbents entered into Downeast Energy waste stream.

#### Change:

Description: Report Created with Report Status = DR  
Date Change: 3/24/2003  
Changed By: EINTHOMP  
  
Description: Report Status change from DR to DRV  
Date Change: 3/24/2003  
Changed By: EINTHOMP  
  
Description: Report Status change from DRV to DQA  
Date Change: 4/28/2003  
Changed By: EIJWOODA  
  
Description: Report Status change from DQA to FR  
Date Change: 9/26/2003  
Changed By: EITGALLA

#### Contact:

Contact Type: Subject/Spiller  
Potential RP: True  
Name: BILL ESKILSON  
Title: Not Reported  
Company: Not Reported  
Address: 46 HIGH ST  
City,State: WINDHAM,ME  
Country: USA  
Zipcode: 04062  
Phone/Ext: /  
Comments: Not Reported

#### Primary Employee:

Primary Employee: True  
Name: NATHAN THOMPSON

#### File:

Spill Id: P-1053-2002  
Date Created: 10/01/2003  
Created By: EIPLAMBE  
Date Modified: 08/10/2009  
Modified By: IMAGING  
File Num Sheets: 0  
Notes: Report scanned into the imaging system on 10-AUG-09.  
Reconcile Date: 10/01/2003

MAP FINDINGS

**BILL ESKILSON, 46 HIGH ST, WINDHAM, ME (Continued)**

File Reconciled By: Not Reported

**Media Affected:**

Medium: Land

**Log:**

Spill Void Flag:	False
Spill Office:	Portland
Spill Off Sequence:	1053
Spill Year:	2002
Create Date:	03/24/2003
Created By:	EINTHOMP
Modify Date:	03/24/2003
Modify By:	EINTHOMP
Log Spill Type:	Oil Incident
Log Spill Datetime:	04/03/2002
Spill Time Unk:	False
Spill Dt Unknown:	False
Log Rep Dt Tm:	04/03/2002
Log Rep Prod Cd:	02
Log Rep Prod:	#2 Fuel Oil
Log Emp Name:	NATHAN THOMPSON
Location:	Not Reported
Log Location Town:	WINDHAM
Log Tank Involved:	Above Ground Tank(s) Involved
Notes:	Not Reported

**Material Recovered:**

Material Recovered Type:	OM
Material Recovered:	Other Material
Material Amount:	.12
Material Units:	gals.
Material Amt Qualifier:	ESTIMATE

**Spill Point:**

Recovery Method: Sorbents

**Product:**

Product Code:	#2 Fuel Oil
Product Other:	Not Reported
Product Amt:	.12
Product Amt Unit:	gals.
Product Amt Qualifier:	ESTIMATE
Primary Product:	True

**Attachments:**

Description: DEP Initial Spill Report Form

MAP FINDINGS

**BILL ESKILSON, 46 HIGH ST, WINDHAM, ME (Continued)**

Attach Type: Paper Attach  
File Name: Not Reported  
File Code: Not Reported  
File Size: Not Reported  
File Modify Date: 03/24/2003

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
<b>ENVIRONMENTAL RECORDS</b>						
<i>Federal NPL site list</i>						
US	NPL	National Priority List	EPA	05/30/2017	06/08/2017	09/15/2017
US	Proposed NPL	Proposed National Priority List Sites	EPA	05/30/2017	06/09/2017	09/15/2017
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
<i>Federal CERCLIS list</i>						
US	SEMS	Superfund Enterprise Management System	EPA	07/11/2017	07/21/2017	10/06/2017
<i>Federal RCRA CORRACTS facilities list</i>						
US	CORRACTS	Corrective Action Report	EPA	09/13/2017	09/26/2017	10/06/2017
<i>Federal RCRA TSD facilities list</i>						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
<i>Federal RCRA generators list</i>						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
<i>Federal institutional controls / engineering controls registries</i>						
US	LUCIS	Land Use Control Information System	Department of the Navy	05/22/2017	06/13/2017	09/15/2017
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	08/10/2017	08/30/2017	10/13/2017
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	08/10/2017	08/30/2017	10/13/2017
<i>Federal ERNS list</i>						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/18/2017	09/21/2017	10/13/2017
<i>State and tribal - equivalent CERCLIS</i>						
ME	SHWS	Remediation Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
<i>State and tribal landfill / solid waste disposal</i>						
ME	SWF/LF	Solid Waste Facility List	Department of Environmental Protection	11/15/2017	11/17/2017	11/17/2017
ME	LCP	Municipal Landfill Closure Database	Department of Environmental Protection	11/14/2011	11/15/2011	11/30/2011
<i>State and tribal leaking storage tank lists</i>						
ME	LAST	HOSS Database	Department of Environmental Protection	07/29/2017	08/03/2017	08/24/2017
ME	LUST	Hazardous Material and Oil Spill System Database (H.O.S.S.)	Department of Environmental Protection	07/29/2017	08/03/2017	08/24/2017
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/26/2017	07/27/2017	10/13/2017
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/14/2017	07/27/2017	10/06/2017
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/25/2017	11/07/2017	12/08/2017
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/13/2017	07/27/2017	10/13/2017
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/01/2017	07/27/2017	10/13/2017
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/14/2017	07/27/2017	10/06/2017
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/24/2017	07/27/2017	10/06/2017

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	10/14/2016	01/27/2017	05/05/2017
<b>State and tribal registered storage tank lists</b>						
ME	UST	Underground Storage Tank Database	Department of Environmental Protection	08/07/2017	08/17/2017	10/03/2017
ME	AST	Aboveground Storage Tanks	Maine Emergency Management Agency	12/31/2016	09/27/2017	10/03/2017
ME	AST 2	Registered Petroleum Tanks Database	Department of Environmental Protection	10/02/2017	10/05/2017	11/14/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/14/2017	07/27/2017	10/06/2017
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/13/2017	07/27/2017	10/13/2017
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/25/2017	07/27/2017	10/13/2017
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/01/2017	07/27/2017	10/13/2017
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/02/2017	07/27/2017	10/06/2017
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/24/2017	07/27/2017	12/08/2017
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/26/2017	07/27/2017	10/06/2017
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/14/2016	01/27/2017	05/05/2017
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017
<b>State and tribal institutional control / engineering control registries</b>						
ME	INST CONTROL	Remediation Sites List	Department of Environmental Protection	07/18/2017	07/19/2017	08/23/2017
<b>State and tribal voluntary cleanup sites</b>						
ME	VCP	Remediation Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
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 Listng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
<b>State and tribal Brownfields sites</b>						
ME	BROWNFIELDS	Remediation Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
<b>Other Records</b>						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2017	08/03/2017	10/20/2017
US	ROD	Records Of Decision	EPA	09/27/2017	10/12/2017	10/20/2017
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	07/11/2017	07/26/2017	10/13/2017
ME	DEL HWS	Sites Removed from the Uncontrolled Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
ME	SWRCY	Recycling Facilities	Department of Environmental Protection	12/13/2011	12/15/2011	01/23/2012
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	05/30/2017	06/09/2017	09/15/2017
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	04/22/2013	03/03/2015	03/09/2015
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	07/13/2017	09/06/2017	10/06/2017
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	12/23/2016	12/27/2016	02/17/2017
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	10/17/2017	11/01/2017	12/08/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	Delisted NPL	National Priority List Deletions	EPA	05/30/2017	06/09/2017	09/15/2017
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	07/11/2017	07/28/2017	10/06/2017
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/21/2017	09/21/2017	10/13/2017
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	07/13/2017	09/06/2017	10/06/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	08/21/2017	09/20/2017	12/08/2017
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	07/31/2017	08/30/2017	10/13/2017
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2014	11/24/2015	04/05/2016
US	TSCA	Toxic Substances Control Act	EPA	12/31/2012	01/15/2015	01/29/2015
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	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	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	RADINFO	Radiation Information Database	Environmental Protection Agency	10/02/2017	10/05/2017	10/13/2017
US	FINDS	Facility Index System/Facility Registry System	EPA	07/23/2017	09/06/2017	09/15/2017
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2017	11/17/2017	12/08/2017
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
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
ME	AIRS	Emissions Inventory Data	Department of Environmental Protection	06/20/2017	09/13/2017	11/14/2017
ME	ALLSITES	Remediation Sites List	Department of Environmental Protection	10/16/2017	10/17/2017	11/15/2017
ME	DRYCLEANERS	Drycleaner Facilities	Department of Environmental Protection	12/31/2015	03/07/2017	09/27/2017
ME	LIENS	Environmental Liens Information Listing	Department of Environmental Protection	08/04/2017	08/08/2017	08/24/2017
ME	NPDES	Wastewater Facilities Listing	Department of Environmental Protection	06/27/2017	06/29/2017	10/06/2017
ME	SPILLS	Hazardous Material and Oil Spill System Database	Department of Environmental Protection	07/29/2017	08/03/2017	08/24/2017
ME	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	06/07/2001	01/03/2013	03/06/2013
ME	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	11/05/2012	01/03/2013	01/25/2013
ME	TIER 2	Tier 2 Information Listing	Maine Emergency Management Agency	12/31/2016	09/27/2017	10/03/2017
ME	UIC	Underground Injection Control	Department of Environmental Protection	11/13/2017	11/14/2017	11/17/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Servics, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/25/2017	09/26/2017	10/20/2017
US	UXO	Unexploded Ordnance Sites	Department of Defense	10/25/2016	06/02/2017	10/13/2017

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	02/13/2017	02/15/2017	11/03/2017
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/02/2017	09/06/2017	10/20/2017
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/17/2017	08/17/2017	09/15/2017
<b>HISTORICAL USE RECORDS</b>						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
ME	RGA HWS	Recovered Government Archive State Hazardous Waste Facilities	Department of Environmental Protection	07/01/2013	01/08/2014	
ME	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Protection	07/01/2013	01/17/2014	
ME	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Environmental Protection	07/01/2013	01/10/2014	

### STREET AND ADDRESS INFORMATION

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## **Appendix G:**

## **Qualifications**

### Education

B.A. Environmental Science and Policy, University of Southern Maine (1997)

### Registrations

Maine Certified Geologist (544)

New Hampshire Professional Geologist (889)

### Training

OSHA 40-hour training

PSMJ Resources, Inc. Project Manager Bootcamp

First Aid and CPR Trained

Innov-X Systems X-Ray Fluorescence Spectrum Analyzer

### Experience Summary

As the President of Beacon, I complete due diligence work including Phase I ESAs, Phase II ESAs, Remedial Oversight; Develop Health and Safety Plans for Contractors; and provide Environmental Compliance services for industrial clients.

John Cressey is a Maine Certified Geologist with over 18 years of experience in the environmental consulting and hazardous waste fields including three years as a direct-service contractor. John has managed all aspects of Brownfields Assessments from Phase I ESAs to Feasibility Studies. Over the years John has managed projects for private and public sector clients, including large-scale hazardous waste removals, pump and treat systems, spill cleanups and overseeing environmental sampling. John is experienced in environmental investigations, field sampling events, and report preparation in support of investigations and remedial operations for state and industrial clients. Technical documents that John produces include but are not limited to: ASTM Phase I Environmental Site Assessments, Phase II Environmental Site Assessments, Quality Assurance Project Plans (QAPPs) for submittal to EPA and Maine Department of Environmental Protection (MEDEP), and dozens of Voluntary Response Action Program (VRAP) applications and agreements with MEDEP.

### Project Experience

Municipal Client – Completed lead wipe sampling and indoor air sampling in conjunction with an indoor firing range. Developing Bid Specification documents for contractors to bid on the abatement of the range and other portions of the building.

Irving Tannery Annex Parcels 1 & 2– Hartland, Maine - Completed a Phase I ESA, Phase I ESA Update, and chemical removal on behalf of the Town to prepare for two Brownfields Remediation Revolving Loans on parcels divided from the main property. The Brownfields RLFs were used to abate asbestos and universal waste from the buildings and to remove a 20,000-gallon UST and over 350 tons of petroleum-impacted soil.

Maine Energy PCB and Dioxin Remediation - Biddeford, Maine As Project Manager for the remediation of dioxin and PCB-impacted soils on the former waste to energy facility, John developed site specific remediation specifications, remediation work plans for bidding, and

oversaw the remediation oversight. John worked with the USEPA Toxic Substance and Control Act (TSCA) staff to develop an acceptable risk-based PCB remediation work plan. Over 2,000 tons of PCB impacted soil was removed and a protective cap placed on the property in preparation of the development of the Site into a public park.

American Tissue Mill - Augusta, Maine As Project Manager, John oversaw the demolition of 600,000 square feet of buildings and Phase II ESA activities on an 18-acre former paper mill site on the Kennebec River. John developed the bid specification manual on behalf of the City of Augusta and assisted the City in obtaining a \$350,000 USEPA grant to perform a Phase II ESA on the property.

MEDEP Vapor Intrusion Study - Augusta & Livermore Falls, Maine As Project Manager John worked to complete the project scope and the investigations for the Cumberland Farms gasoline stations in Augusta and Livermore Falls, Maine. This included soil borings, monitoring well installations, and soil vapor collection of source, utility, and sub-slab locations.

MEDEP Brownfields Program - Statewide John acted as Project Manager for three \$500,000 contracts with the MEDEP. Over the course of the contracts; Phase I ESAs, Phase II ESAs, and Feasibility Studies across the state from Eliot to Fort Kent were performed.

Keddy Mill - Town of Windham, Maine As Project Manager, John completed a Phase I ESA for a former steel mill under the Town of Windham's City-Wide USEPA Brownfields Assessment Grant. Based upon the results of the Phase I ESA, sampling was completed for suspected PCB impacts on the property. These results led to two additional sampling rounds including coordination with the USEPA's mobile laboratory to assist in delineation of PCB impacts. The USEPA listed the property as a Superfund Site in 2015.

City of Lewiston Brownfields Project - Lewiston, Maine As Project Manager, John worked on two separate USEPA administered Hazardous Materials Assessment Brownfields grants involving focused Phase I, Phase II, and Feasibility Studies. Over the course of four years, 20 Phase I ESAs, nine Phase II ESAs, and ten QAPPs were completed.

Dockside Sports - Rangeley, Maine John acted as Project Manager for an MDEP petroleum cleanup at a former gas station on Rangeley Lake. Work on the Site involved the removal of three underground storage tanks (USTs) and the removal of approximately 4,000-cubic yards of impacted soil as well as the removal and disposal of approximately 60,000-gallons of petroleum-impacted groundwater.

#### Affiliations

Maine Geological Society

Maine Real Estate & Development Association (MEREDA)

#### Speaking

Presented at an Alpha Analytical Laboratory forum February 2, 2017 in Portland: *How the new MEDEP VI guidance will change how investigations are performed.*

Presented at the Maine Groundwater Conference March 16, 2011 in Augusta: *Bio-pile siting, construction, operation, maintenance, and application on petroleum contaminated sites. Rangeley and Gardiner, Maine bio-pile examples.*

## **Appendix H:**

## **Additional Documentation**



U.S. Fish and Wildlife Service

# National Wetlands Inventory

J A Andrew School



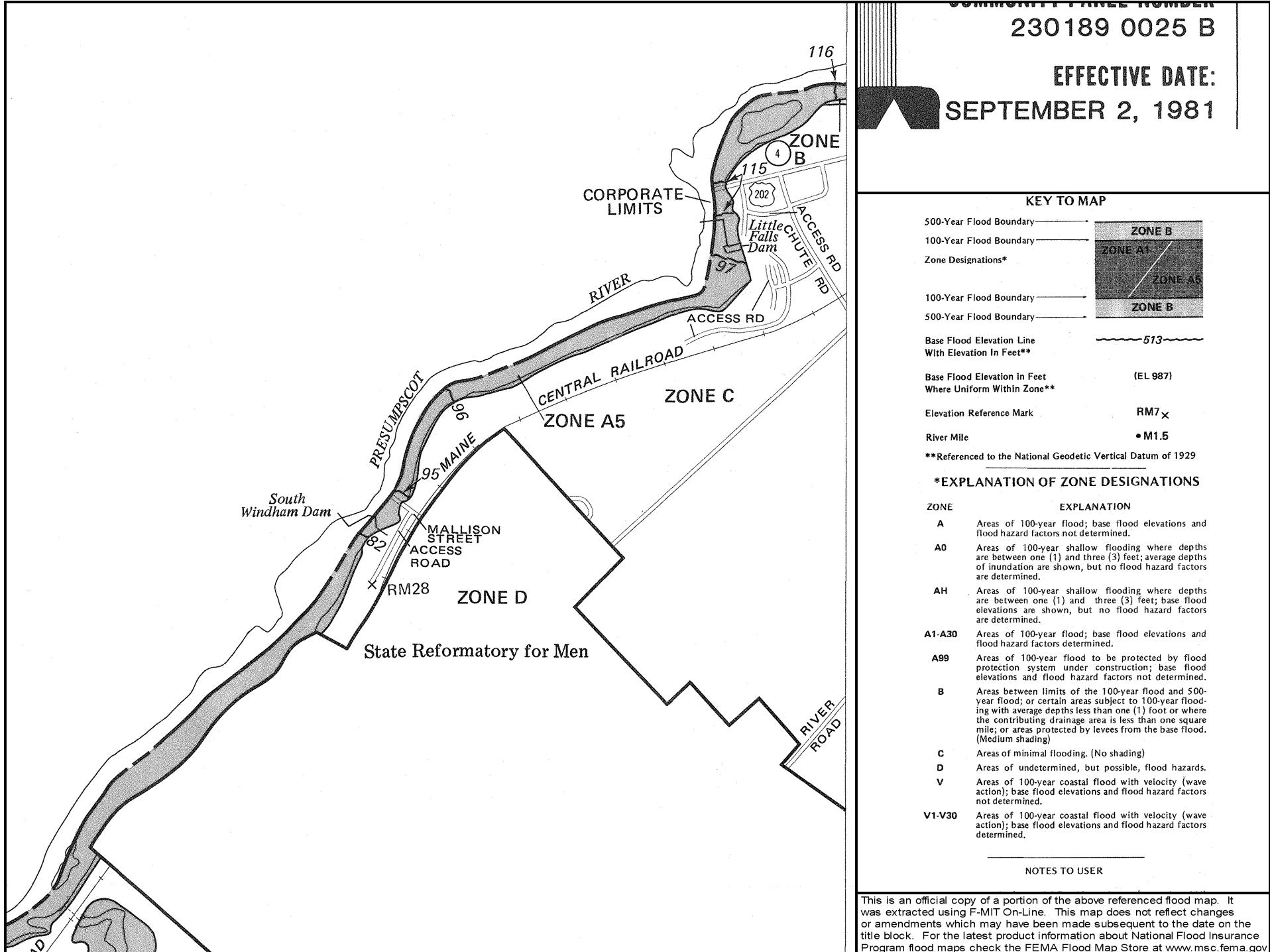
December 17, 2017

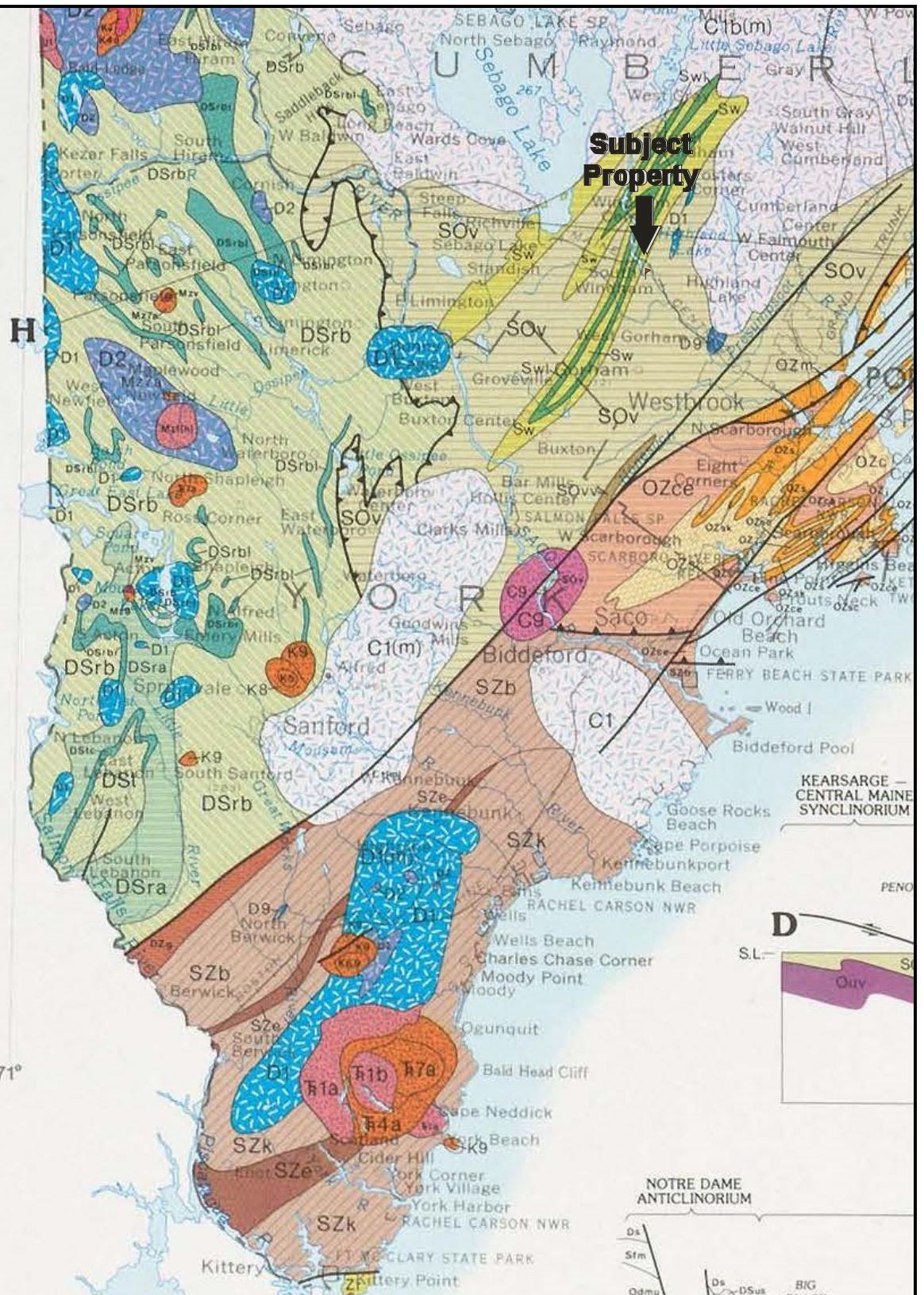
## Wetlands

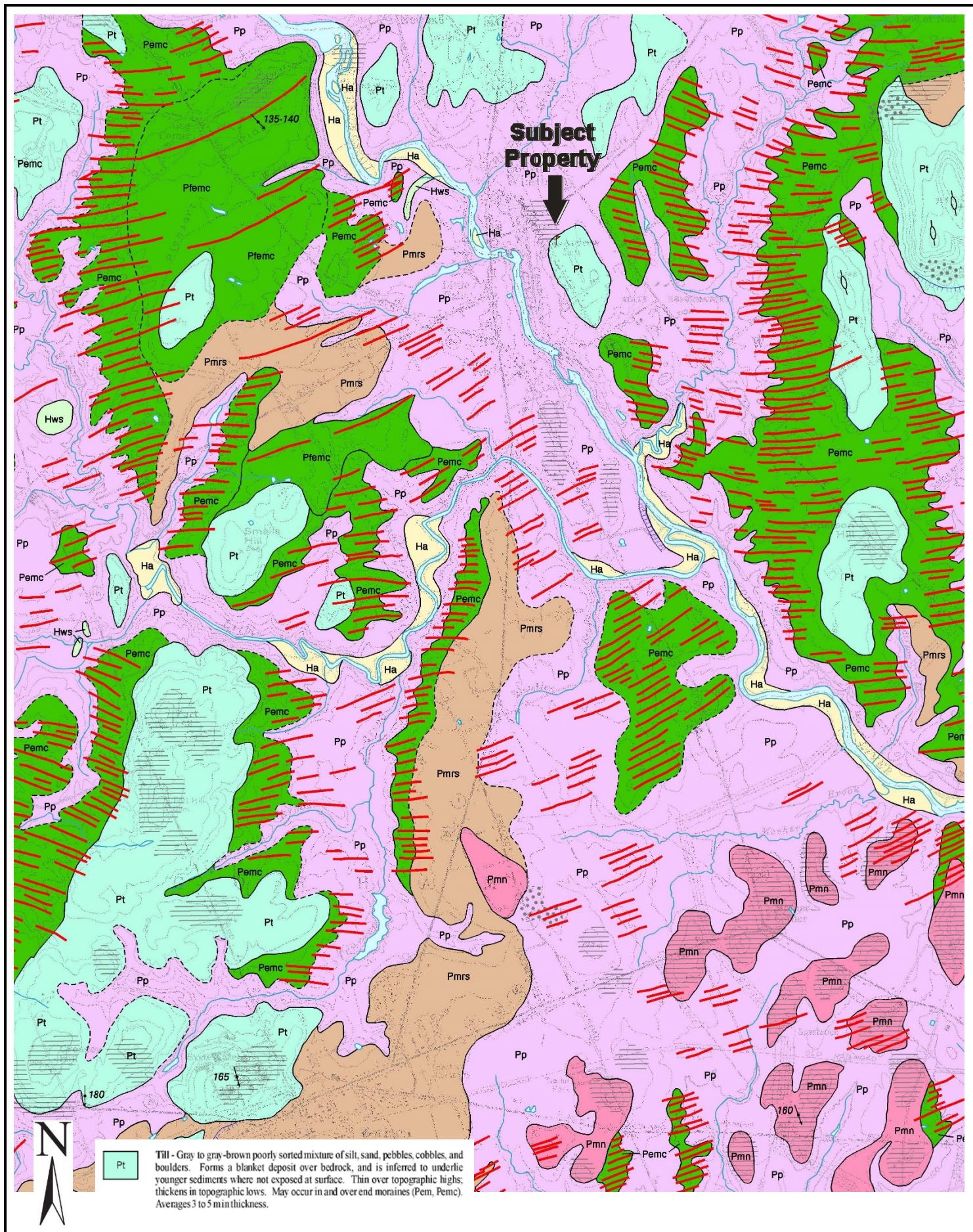
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

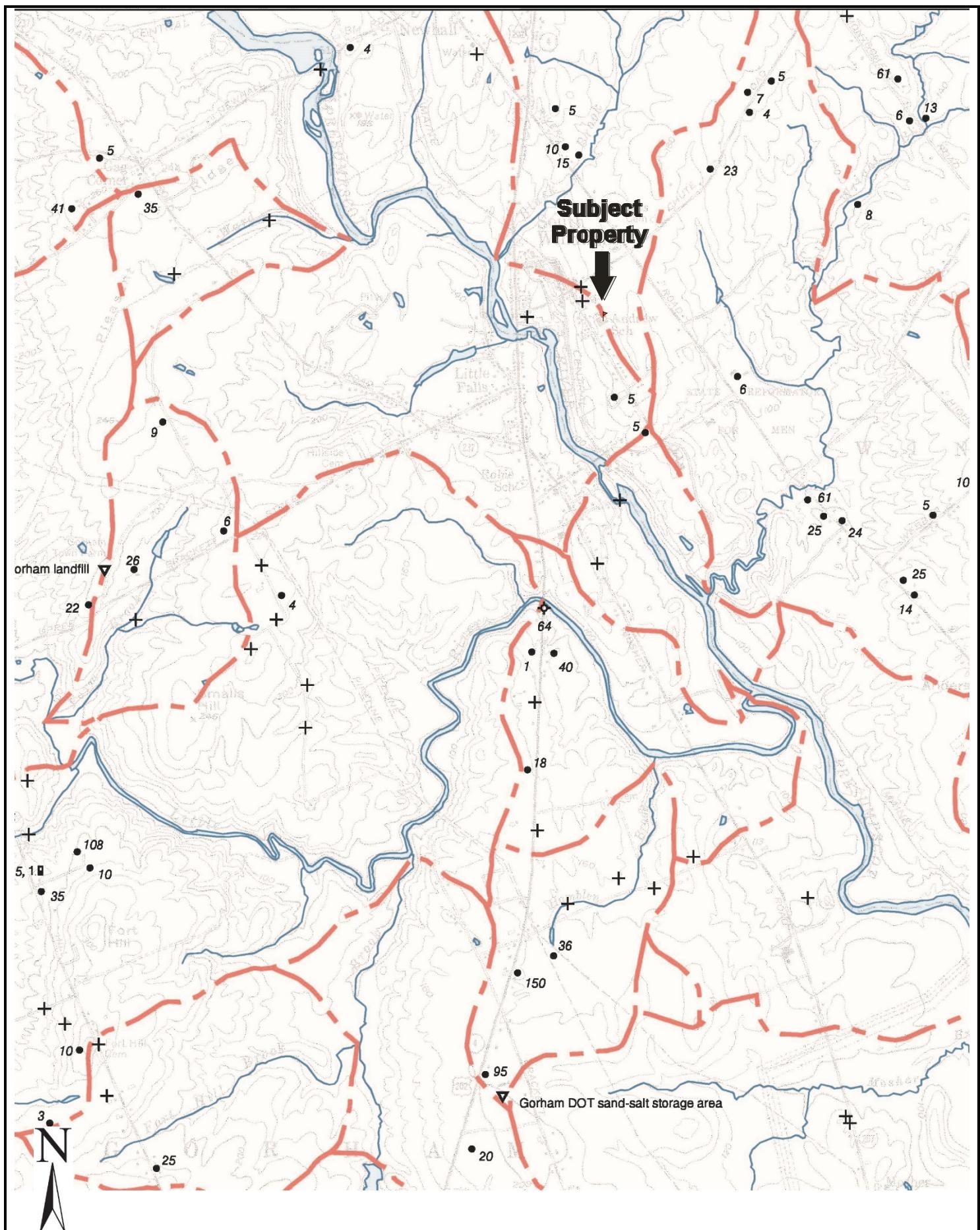






**SURFICIAL GEOLOGY MAP**  
Project No. BE-076

Drawing Not To Scale



# **SIGNIFICANT SAND & GRAVEL ACQUIFER MAP Project No. BE-076**

Drawing Not To Scale

The logo for Beacon Environmental Consultants, LLC. It features the word "BEACON" in a large, bold, blue, sans-serif font. A small, white lighthouse icon is positioned to the right of the letter "C". Below "BEACON", the words "Environmental Consultants, LLC" are written in a smaller, blue, sans-serif font.

***Quitclaim Deed without Covenant***

KNOW ALL PERSONS BY THESE PRESENTS, that the INHABITANTS OF THE TOWN OF WINDHAM, a/k/a INHABITANTS OF WINDHAM, a/k/a the INHABITANTS OF THE MUNICIPALITY OF WINDHAM, a/k/a the TOWN OF WINDHAM, a Maine municipal corporation, with a mailing address of 8 School Road, Windham, Maine 04062; (the "Grantor"),

for consideration paid, releases to

REGIONAL SCHOOL UNIT NO. 14, a Maine regional school unit, having a mailing address of 228 Windham Center Road, Windham, Maine 04062 (the "Grantee"), the following described real estate:

Those certain lots or parcels of land, together with the buildings and improvements to realty thereon, comprising the Windham school properties, situated in the Town of Windham, in the County of Cumberland and State of Maine, and being more particularly described in Exhibit A attached hereto and made a part hereof.

IN WITNESS WHEREOF, the INHABITANTS OF THE TOWN OF WINDHAM, a/k/a INHABITANTS OF WINDHAM, a/k/a the INHABITANTS OF THE MUNICIPALITY OF WINDHAM, a/k/a the TOWN OF WINDHAM has caused this instrument to be executed by the undersigned, thereunto duly authorized, as of the 1st day of October, 2012.

[signatures to follow]

WITNESS:

INHABITANTS OF THE TOWN OF WINDHAM,  
a/k/a INHABITANTS OF WINDHAM, a/k/a the  
INHABITANTS OF THE MUNICIPALITY OF  
WINDHAM, a/k/a the TOWN OF WINDHAM

By: Anthony T. Plante  
Anthony T. Plante, Town Manager

STATE OF MAINE  
COUNTY OF CUMBERLAND, ss.

October 1, 2012

Then personally appeared the above-named Anthony T. Plante, in his capacity as Town Manager of the Town of Windham and acknowledged the foregoing instrument to be his free act and deed in his said capacity and the free act and deed of said Inhabitants of the Town of Windham, a/k/a Inhabitants of Windham, a/k/a the Inhabitants of the Municipality of Windham, a/k/a the Town of Windham.

Before me, Susan M. Rogers  
Notary Public

Print Name: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

SUSAN M. ROGERS  
Notary Public, Maine  
My Commission Expires 4/1/2017

SEAL

**EXHIBIT A**

Grantor: Inhabitants of the Town of Windham, a/k/a Inhabitants of Windham, a/k/a the Inhabitants of the Municipality of Windham, a/k/a the Town of Windham

Grantee: Regional School Unit No. 14  
Real Estate: Windham School Properties

Those certain lots or parcels of land, together with the buildings and improvements to realty thereon, comprising the Windham school properties, so-called, situated in the Town of Windham, County of Cumberland and State of Maine, and being more particularly described as follows:

**John Andrews School Property**

The premises described in the following deeds as recorded in the Cumberland County Registry of Deeds (the "Registry"):

JAS-a) Warranty Deed from Samuel Bragdon to the Inhabitants of School District No. 2 dated September 23, 1886 and recorded in the Registry at Book 574, Page 281.

JAS-b) Warranty Deed from Philip L. Ames to the Town of Windham dated May 5, 1953 and recorded in the Registry at Book 2118, Page 459.

JAS-c) Warranty Deed from Edna A. Murch to the Town of Windham dated April 29, 1953 and recorded in the Registry at Book 2127, Page 447.

**ALSO CONVEYING** to the extent not included in the foregoing deeds, all of the Grantor's right, title and interest in and to any other real estate comprising the John Andrews School premises, so-called. Reference is made to Town of Windham Property Tax Map 37, Lot 24, Revised as of April 1, 2010.

**Manchester School Property**

The premises described in the following deeds as recorded in the Registry:

MS-a) Quitclaim Deed from Charles L. Mann to the Inhabitants of the Town of Windham dated May 17, 1932 and recorded in the Registry at Book 1389, Page 339; excepting therefrom that portion conveyed by Quitclaim Deed from the Inhabitants of the Town of Windham to North Windham Union Church dated July 12, 1957 and recorded in the Registry at Book 2394, Page 361.

MS-b) Warranty Deed from Don P. Proctor and Marion B. Proctor to the Inhabitants of the Town of Windham dated April 30, 1964 and recorded in the Registry at Book 2818, Page 308.

MS-c) Warranty Deed from John H. Taylor and Isabel R. Taylor to the Inhabitants of the Municipality of Windham dated April 25, 1972 and recorded in the Registry at Book 3264, Page 179.

MS-d) Warranty Deed from Nellie P. Bennett and Lloyd P. Bennett to the Town of Windham dated August 11, 1998 and recorded in the Registry at Book 14072, Page 57.

**ALSO CONVEYING** to the extent not included in the foregoing deeds, all of the Grantor's right, title and interest in and to any other real estate comprising the Manchester School premises, so-called; except as may be specifically described and excluded herein. Reference is made to Town of Windham Property Tax Map 54, Lots 5 and 44A; Tax Map 67, Lots 6, 10A, 10A01 and 21, Revised as of April 1, 2010.

**ALSO CONVEYING**, however, to the Grantee herein a right and easement for ingress and egress in and to the existing driveway leading from the easterly sideline of Roosevelt Trail to the westerly line of property herein conveyed in item MS-a) referenced above; including the right to repair, replace and maintain the same. Said driveway is currently located on and crosses other property of the Town of Windham as set forth in deeds recorded in Book 418, Page 458 and in Book 863, Page 13.

**EXCEPTING THEREFROM** the fee to a private way known as "Spodedo Road" which crosses a portion of the property set forth in items MS-b) and MS-c) referenced above and shown on Tax Map 54, Lots 5 and 44A; **CONVEYING**, however, to the Grantee herein a right and easement on, through and over Spodedo Road for ingress and egress and for all utilities, including the right to maintain, repair and replace said utilities located thereon.

**High School, Middle School, Field Allen, Little Red Schoolhouse, Strout Property, Athletic Fields, and a p/o Tukey Property:**

The premises described in the following deeds as recorded in the Registry:

HS-a) Warranty Deed from Marion H. Hodgdon, Susie M. Allen and Harry W. Hanson to the Inhabitants of the Town of Windham dated March 25, 1931 and recorded in the Registry at Book 1368, Page 378.

HS-b) Warranty Deed from Willard Fulton White, Annie V. Badger and Mary P. Carle to the Inhabitants of the Town of Windham dated June 11, 1962 and recorded in the Registry at Book 2679, Page 313.

HS-c) Warranty Deed from Elsie B. Lorenzen to the Town of Windham dated July 29, 1975 and recorded in the Registry at Book 3720, Page 308.

HS-d) Warranty Deed from James R. Dorr and Virginia R. Dorr to the Town of Windham dated July 29, 1975 and recorded in the Registry at Book 3720, Page 309.

HS-e) Warranty Deed from Robert H. Greenlaw, Walter B. Greenlaw, Pauline G. Atherton, Priscilla V. Dorr and Joan G. Clark to the Town of Windham dated July 9, 1980 and recorded in the Registry at Book 4632, Page 45.

HS-f) Warranty Deed from Ercell M. Gordon to the Town of Windham dated December 31, 1986 and recorded in the Registry at Book 7677, Page 309.

HS-g) Warranty Deed from Frank Porcaro and Helena M. Kirk to the Town of Windham dated December 31, 1986 and recorded in the Registry at Book 7677, Page 311.

HS-h) Warranty Deed from Michael A. Valente, III and Scott Liberty to the Town of Windham dated December 5, 1997 and recorded in the Registry at Book 13489, Page 161.

HS-i) Warranty Deed from Gertrude K. Strout to the Town of Windham dated January 11, 2002 and recorded in the Registry at Book 17194, Page 241.

HS-j) That portion of lands, with any improvements thereon, described in a Warranty Deed from James R. Dorr and Priscilla V. Dorr to the Town of Windham dated April 18, 1980 and recorded in Book 4592, Page 222 lying southerly of the following described lines, said parcel is situated on the southwesterly side of Windham Center Road, Town of Windham, Cumberland County, State of Maine: Beginning on the southwesterly right of way line of Windham Center Road at a found 5/8 inch rebar with red plastic cap stamped "Survey Inc. PLS 586" at the northerly corner of lands described in a deed to the Town of Windham recorded in Book 17194, Page 241 and the easterly corner of lands described in a deed to Town of Windham recorded in Book 4592, Page 222; Thence, S61°17'03"W a distance of 148.81 feet to a set rebar; Thence, N82°26'05"W a distance of 379.84 feet to a set rebar; Thence, S74°31'18"W a distance of 486.31 feet to found one inch iron pipe in a stone, flush, at a top of bank at a common corner of the lands described in Book 4592, Page 222 and lands described in a deed to the Town of Windham recorded in Book 4632, Page 45; Thence, S68°45'38"W a distance of 442.96 feet to a set rebar on the northeasterly line of lands described in a deed to Howard R. Grumpelt and Catherine F. Abernathy recorded in Book 8064, Page 238, said rebar lies S39°41'20"E, as measured along the line of Grumpelt and Abernathy, a distance of 185.00 feet from a found 5/8 inch rebar with red plastic cap stamped "Survey Inc. PLS 586". Containing 4 acres, more or less. The basis of bearing is observed magnetic north 2001. All set rebar are 5/8 inch with yellow plastic cap stamped "Lewis & Wasina, Inc. PLS 2114".

**ALSO CONVEYING** an easement in and to the use and maintenance of the existing cross-country trails as the same are located on an approximately 6 acre portion (the "Trail Easement Area") of the remaining Town of Windham property in Book 4592, Page 222, subject to the Town's right to require relocation of the trails within the Trail Easement Area as may be needed. The location of said Trail Easement Area being as follows: Beginning at a set rebar on the on the northeasterly line of lands described in a deed to Howard R. Grumpelt and Catherine F. Abernathy recorded in Book 8064, Page 238, said rebar lies N39°41'20"W, as measured along the line of Grumpelt and Abernathy, a distance of 205.05 feet from a found 8 inch by 8 inch stone, now buried in debris, at the easterly corner of Grumpelt and Abernathy and the northerly corner of lands described in a deed to the Town of Windham recorded in Book 7611, Page 311; Thence, N39°41'20"W along lands of Grumpelt and Abernathy a distance of 185.00 feet to a found 5/8 inch rebar with red plastic cap stamped "Survey Inc. PLS 586"; Thence, N39°41'20"W along lands of Grumpelt and Abernathy a distance of 21 feet, more or less, to the top of bank of the Pleasant River; Thence, northerly and northeasterly along the top of

bank of the Pleasant River 850 feet, more or less, to a point lying N71°44'41"W from the northeasterly end of the tie course in the next described course; Thence, S71°44'41"E a distance of 30 feet, more or less to a point that lies N25°23'55"E a distance of 813.36 feet from the aforementioned found 5/8 inch rebar with red plastic cap stamped "Survey Inc. PLS 586" on the northeasterly line of Grumpell and Abernathy; Thence, S15°33'42"E a distance of 147.04 feet; Thence, S03°10'41"E a distance of 169.52 feet; Thence, S11°59'15"W a distance of 235.48 feet; Thence, S72°01'30"E a distance of 327.01 feet; Thence, S31°30'24"E a distance of 38.90 feet to the 486.31 foot long line described in the parcel described above; Thence, S74°31'18"W a distance of 154.77 feet to found one inch iron pipe in a stone, flush, at a top of bank at a common corner of the lands described in Book 4592, Page 222 and lands described in a deed to the Town of Windham recorded in Book 4632, Page 45; Thence, S68°45'38"W a distance of 442.96 feet to the point of beginning. The Trail Easement Area contains 6 acres, more or less. This description is based on a plan entitled "Survey of Proposed Boundaries" provided to RSU No.14 by Lewis & Wasina, Inc., project number 21064, dated June 3, 2012, revised through July 11, 2012.

**ALSO CONVEYING** all rights and easements described in the following deeds RE-a) and RE-b), which rights and easements are located on a portion of the Trail Easement Area, subject to the terms and conditions described therein:

RE-a) Warranty Deed from Winifred H. Greenlaw, et als to the Inhabitants of the Town of Windham dated September 28, 1962 and recorded in the Registry at Book 2712, Page 198.

RE-b) Warranty Deed from Robert H. Greenlaw, et als to the Inhabitants of the Town of Windham dated March 14, 1963 and recorded in the Registry at Book 2738, Page 84.

**ALSO CONVEYING** to the extent not included in the foregoing deeds, all of the Grantor's right, title and interest in and to any other real estate comprising the High School, Middle School, Field Allen, Little Red Schoolhouse, Strout Property, Athletic Fields, and a p/o Tukey Property premises, so-called; except as may be specifically described and excluded herein. Reference is made to Town of Windham Property Tax Map 12, Lots 25, 26, 27, 39B and a p/o 28; and Tax Map 44, Lot 19B, Revised as of April 1, 2010,

**EXCEPTING AND RESERVING THEREFROM** that portion of the Grantor's premises described in the deed recorded in Book 1368, Page 378 as set forth in item HS-a) referenced above, (being a portion of Tax Map 12, Lot 25) that comprises the land and buildings used and designated as the Windham Public Library located at 217 Windham Center Road, Windham, Maine, and the land and buildings designated and used as the Health Council Loan Closet located at 221 Windham Center Road, Windham, Maine (together, the "Library/Loan Closet Parcel"). The Library/Loan Closet Parcel is bounded and described as follows: A parcel of land, with any improvements thereon, situated on the southwesterly side of Windham Center Road, Town of Windham, Cumberland County, State of Maine, and being more particularly described as follows: Beginning at a set rebar on the southwesterly right of way line of Windham Center Road S41°47'18"E distance of 728.58 as measured along said right of way line from a found 5/8 inch rebar with red plastic cap stamped "Survey Inc. PLS 586" at the northerly corner of lands described in a deed to Town of Windham recorded in Book 17194, Page 241; Thence, S41°47'18"E along the right of way line of Windham Center Road a distance of 445.61 feet to a set rebar; Thence, S48°12'42"W a distance of 208.00 feet to a set rebar; Thence, N38°52'08"W a distance of 446.19 feet to a set rebar; Thence, N48°12'42"E a distance of 185.27 feet to the point of beginning. Containing 2.01 acres, more or less.

The basis of bearing is observed magnetic north 2001. All set rebar are 5/8 inch with yellow plastic cap stamped "Lewis & Wasina, Inc. PLS 2114". This description is based on a plan entitled "Survey of Proposed Boundaries" provided to RSU No.14 by Lewis & Wasina, Inc., project number 21064, dated June 3, 2012, revised through July 11, 2012.

**ALSO RESERVING** to the Grantor, as appurtenant to the Library/Loan Closet Parcel, a right and easement over the Grantee's property herein conveyed in item HS-a) referenced above (the "HS-a) Property"), for the non-exclusive use of the Library Wastewater Disposal Chambers, so-called, as the same is shown in the Lewis & Wasina Plan, and to the related leach field system; including but not limited to the right to repair, replace and maintain at Grantor's sole expense said Library Wastewater Disposal Chambers, related leach field system and related wastewater pipes, on condition that Grantor shall restore the surface of said area to its original condition after any such repair, replacement or maintenance.

**ALSO CONVEYING** to the Grantee, as appurtenant to the Grantee's HS-a) Property, the right and easement in and to the non-exclusive use of the HDPE tile cover, culvert and underdrain system (the "HDPE system") located on the Grantor's retained Library/Loan Closet Parcel and as shown on the Lewis & Wasina Plan; including but not limited to the right to enter on the Grantor's Library/Loan Closet Parcel to repair, replace and maintain said HDPE system and to restore the surface of said area to its original condition after any such repair, replacement or maintenance. Said HDPE system is for the purposes of servicing the buildings on the Grantee's HS-a) Property and on the Grantor's retained Library/Loan Closet Parcel, and Grantee and Grantor shall share the cost of any repairs, replacement, maintenance and surface restoration in proportion to their use.

**Superintendent's Office Property:**

The premises described as follows:

A parcel of land, with any improvements thereon, situated on the northeasterly side of Windham Center Road and contains a portion of the way known as School Road, Town of Windham, Cumberland County, State of Maine, and is more particularly described as follows: Beginning at a set rebar on the northeasterly right of way line of Windham Center Road at the westerly corner of lands described in a deed to the Windham Historical Society recorded in Book 11847, Page 61; Thence, N41°47'18"W along the northeasterly right of way line of Windham Center Road a distance of 317.09 feet to a PK nail set in pavement; Thence, N47°05'40"E a distance of 203.74 feet to a PK nail set in pavement, most of this line lies slightly northwesterly of the northwesterly side of the traveled portion of the way known as School Road; Thence, S42°54'20"E, crossing School Road, a distance of 52.00 feet to a set rebar; Thence, N47°05'40"E a distance of 90.00 feet to a found 5/8 inch rebar at a westerly corner of lands described in a deed to October House LLC recorded in Book 28238, Page 313 and the southerly corner of lands described in a deed to the Town of Windham recorded in Book 7225, Page 5; Thence, S41°54'55"E along lands of October House LLC a distance of 133.39 feet to a found 5/8 inch rebar; Thence, S47°07'34"W along lands of October House LLC a distance of 201.16 feet to a found 5/8 inch rebar; Thence, S41°06'06"E parallel to the face of brick of the southwest wall of the "Old Town House" on lands of the Windham Historical Society along lands of October House LLC and lands of the Windham Historical Society a distance of 133.50 feet to the westerly foundation corner of the "Old Town House", this corner lies S86°53'00"W a distance of 0.34 feet from the westerly corner of brick of said building; Thence,

S48°07'35"W along lands of the Windham Historical Society a distance of 92.27 feet to the point of beginning. Containing 62,275 square feet (1.43 acres), more or less. The basis of bearing is observed magnetic north 2001. All set rebar are 5/8 inch with yellow plastic cap stamped "Lewis & Wasina, Inc. PLS 2114".

Said Superintendent's Office Property is comprised of the property as set forth in the following deeds recorded in the Registry:

SO-a) All of the first parcel as set forth in Warranty Deed from Marion H. Hodgdon, Susie M. Allen and Harry W. Hanson to the Inhabitants of the Town of Windham dated March 25, 1931 and recorded in the Registry at Book 1368, Page 378.

SO-b) A portion of the property as set forth in a Warranty Deed from William Guyler Hawkes to Inhabitants of Windham dated April 6, 1910 and recorded in the Registry at Book 863, Page 12.

**ALSO CONVEYING** to the extent not included in the foregoing deeds, all of the Grantor's right, title and interest in and to any other real estate comprising the Superintendent's Office premises, so-called, as well as to the portion of the common sewer and septic system located thereon. Reference is made to a portion of Town of Windham Property Tax Map 45, Lot 4, Revised as of April 1, 2010.

**RESERVING TO THE GRANTOR** a fifty (50) foot wide easement and right of way in common with others, for the purposes of ingress and egress, the location of all utilities, and the access and use of any parking spaces on, in and to that portion of School Road included in the above described Superintendent's Office Property, so-called, including the right to maintain, repair and replacement of said road and utilities. Said fifty (50) foot wide easement and right of way being located as follows: Beginning at a PK nail set in pavement on the northeasterly right of way line of Windham Center Road N41°47'18"W as measured along the northeasterly right of way line of Windham Center Road a distance of 317.09 feet from a set rebar at the westerly corner of lands conveyed by deed to Windham Historical Society recorded in Book 11847, Page 61; Thence, N47°05'40"E a distance of 203.74 feet to a PK nail set in pavement; most of this line lies slightly northwesterly of the northwesterly side of the traveled portion of the way known as School Road; Thence, S42°54'20"E, crossing School Road a distance of 50.00 feet; Thence, S47°05'40"W a distance of 204.72 feet to the northeasterly right of way line of Windham Center Road; Thence, N41°47'18"W along the northeasterly right of way line of Windham Center Road a, crossing the end of School Road, a distance of 50.01 feet to the point of beginning. This description is based on a plan entitled "Survey of Proposed Boundaries" provided to RSU No.14 by Lewis & Wasina, Inc., project number 21064, dated June 3, 2012, revised through July 11, 2012.

**ALSO CONVEYING** all of the Grantor's right title and interest in and to the following appurtenant easements over and through the Grantor's remaining property as described at Book 863, Page 12 and as described in the second parcel at Book 7225, Page 4 ("the Grantor's remaining property"), for the benefit of and to serve the Grantee's premises herein conveyed:

1. An easement and right of way in common with others, to access and use the parking spaces on or adjacent to the portion of School Road that is located on the Grantor's remaining property, as said spaces may be relocated from time to time.

2. An easement in and to the use of, and the right to repair, replace and maintain at Grantee's sole expense, all utilities in their current locations and related improvements that serve the premises herein conveyed, to the extent if any, located on the Grantor's remaining property. To the extent, however, said improvements are for lines or mains and related improvements shared by the premises herein conveyed and the Grantor's remaining property, Grantor and Grantee shall share equally the cost of repair, replacement and surface restoration.

3. An easement in common with Grantor to connect to and use such portions of the shared septic system (leach field, septic tank and associated improvements), currently serving the premises herein conveyed and the Grantor's remaining property, as are located on the Grantor's remaining property and/or any public road or way, together with the right to enter on the Grantor's remaining property to repair, maintain and replace the shared septic system. Grantor and Grantee agree that the Grantee shall maintain the shared septic system from the point where Grantor's line enters the shared system in good working order and repair at Grantee's sole expense, provided that if the shared septic system components need replacement or repair more extensive than customary maintenance of the system (a "major repair"), Grantee and Grantor shall share the cost equally. In the case of such major repair needed, Grantee shall give written notice to Grantor of the nature of the major repair and its cost. Such notice shall be given in advance of performance of the major repair except that in the case of failures or other emergencies the written notice need not be in advance. If Grantor objects to a major repair other than a failure or other emergency, Grantor shall so inform Grantee in writing stating the nature of its specific objections. Grantee shall take the objections into consideration and consult with Grantor and the Grantee's septic system company, and if the matter is not resolved to the parties' satisfaction the Grantee shall follow the recommendation of the septic system company. If Grantor substantially changes the burden that the use of the Grantor's remaining land places on the shared septic system, the Grantee may reasonably reallocate the respective shares of the costs of the shared septic system, including both customary maintenance and major repairs.

**SUBJECT TO** the following easements reserved by Grantor for the benefit of and to serve Grantor's remaining property:

1. An easement in and to the use of, and the right to repair, replace and maintain at Grantor's sole expense and in their current locations, any utilities and related improvements that may be located on the premises herein conveyed and that currently serve the Grantor's remaining property. To the extent, however, that said improvements are for lines or mains and related improvements shared by the premises herein conveyed and the Grantor's remaining property, Grantor and Grantee shall share equally the cost of repair, replacement and surface restoration.

2. An easement in common with Grantee to connect to and use such portions of the shared septic system (leach field, septic tank and associated improvements), currently serving the premises herein conveyed and the Grantor's remaining property, as are located on the premises herein conveyed, together with the right to enter on the premises herein conveyed to repair, maintain

and replace the shared septic system if, after reasonable written notice, the Grantee shall have failed to do so. Grantor and Grantee agree that the Grantee shall maintain the shared septic system from the point where Grantor's line enters the shared system in good working order and repair at Grantee's sole expense, provided that if the shared septic system components need replacement or repair more extensive than customary maintenance of the system (a "major repair"), Grantee and Grantor shall share the cost equally. In the case of such major repair needed, Grantee shall give written notice to Grantor of the nature of the major repair and its cost. Such notice shall be given in advance of performance of the major repair except that in the case of failures or other emergencies the written notice need not be in advance. If Grantor objects to a major repair other than a failure or other emergency, Grantor shall so inform Grantee in writing stating the nature of its specific objections. Grantee shall take the objections into consideration and consult with Grantor and the Grantee's septic system company, and if the matter is not resolved to the parties' satisfaction the Grantee shall follow the recommendation of the septic system company. If Grantor substantially changes the burden that the use of the Grantor's remaining land places on the shared septic system, the Grantee may reasonably reallocate the respective shares of the costs of the shared septic system, including both customary maintenance and major repairs.

By accepting delivery of this deed, Grantee acknowledges and agrees that the Superintendent's Office Property constitutes a "school building" for purposes of sections 4101-4104 of Title 20-A of the Maine Revised Statutes, as amended (the "school disposition statute"), and as such is subject to the provisions of the school disposition statute requiring the Grantee to offer that property to the Town of Windham prior to sale to a third party, as the same may be amended from time to time.

Received  
Recorded Register of Deeds  
Oct 05,2012 08:44:12A  
Cumberland County  
Pamela E. Lovley

10 *[Signature]*  
Linda S. Knobell, Esq.  
100 Main Street, Vassalboro ME  
(207) 848-3111, FAX (207) 848-3112