

## Phase I Environmental Site Assessment

September 30, 2014

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**Former Sage Street Mill**  
29 Sage Street – North Bennington, Vermont

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**Prepared for:**

Bennington County Regional Commission  
111 South Street, Suite 203  
Bennington, VT 05201

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**ASTM Phase I Environmental Site Assessment  
29 Sage Street  
North Bennington, VT**



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Steven LaRosa  
Senior Reviewer

September 30, 2014  
Date

This ESA was prepared by Qualified Environmental Professionals (EPs) as defined in ASTM E1527-13 and EPA's AAI Final Rule. We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in § 312.20 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

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## EXECUTIVE SUMMARY

Weston & Sampson was contracted on behalf of the Bennington County Regional Commission (BCRC) and for the reliance of the Community Exchange and Development Corporation of North Bennington, Vermont to perform a Phase I Environmental Site Assessment (ESA) of the former Sage Street Mill property located at 29 Sage Street (the Target Property) in the Village of North Bennington, Vermont. This ESA was performed in accordance with ASTM Standard E1527-13, and to meet EPA's All Appropriate Inquiry (AAI) requirements.

Findings of the Phase I ESA are as follows:

- The Target Property consists of one parcel containing the Former Sage Street Mill which has been renovated for use by the VT Arts Exchange and one residential unit.
- Historic records research, photographs, and local interviews with those knowledgeable about the Target Property, indicate the onsite buildings were first built around 1811 and with the exception of a 1913 fire the property has undergone minimal changes since that time. The Target Property was utilized as a manufacturing facility for clothes, toys, mirrors, furniture and stainless steel ball valves from the 1880s through 1994.
- Several properties in the vicinity of the Target Property have been identified in state and federal database review as hazardous sites. However, the identified sites are not likely to pose a material threat to the subsurface conditions of the Target Property based upon the current regulatory status of the sites, the characteristics of the contaminants present, and/or subsurface migration of the identified contaminants towards the Target Property is impeded by hydrogeologic connectivity/gradient. As such these sites do not represent an REC.
- Historical Sanborn Maps show a gasoline underground storage tank (UST) on the west side of the Target Property. This UST was removed in 1994 and review of the UST closure report indicates that no evidence of a release associated with this UST was observed. This historic use is not deemed to be an REC.
- A screening of building materials revealed the likely presence of asbestos and lead paint containing building materials.

The Phase I ESA has identified the following Recognized Environmental Condition (REC):

- 1.) The Target Property has been in near continuous use an industrial manufacturing facility since the early 1800's. Manufacturing uses have included cotton and cloth weaving and fabricating, wood furniture, mirror and toy finishing, and ball valve manufacture and metal fabrication. Potential contaminants of concern associated with these uses include: Heavy metals, polychlorinated biphenyls (PCBs), and volatile organic compounds (VOCs). Weston & Sampson is of the opinion that the documented historical site uses have a significant potential to pose a material threat to the environmental at the Target Property and as such is an REC.
- 2.) An in-active 10,000 gallon above ground storage tank (AST) is located on the southern portion of the property and is contained in a decrepit building located adjacent to the Paran Creek. The tank has been out of use for over 20 years and is believed to contain an

unknown amount of #6 heating oil. Weston & Sampson is of the opinion that the inactive AST poses a material threat to the subsurface conditions of the Target Property and as such is considered an REC.

- 3.) The floor drain in the Butler Building is deemed an REC.

Based on the findings of our assessment, Weston & Sampson makes the following recommendations:

- 1.) The potential environmental impacts associated with the RECs listed above are unknown at this time. Weston & Sampson recommends a Phase II Environmental Site Assessment to clarify and characterize REC related contaminant impacts, if any at the Target Property.
- 2.) The out of service 10,000 gallon fuel oil AST should be properly decommissioned. This work should include the cutting, cleaning, and removal of the AST, proper disposal of any remaining heating oil, and completion of a closure assessment in accordance with VTDEC guidelines.
- 3.) The floor drains located in the first floor of the building should be properly closed/sealed in order to comply with state and federal underground injection control regulations.
- 4.) Prior to renovation or demolition of any building on the property appropriate sampling of suspect asbestos, lead and PCB containing materials must occur.

## 1.0 INTRODUCTION

Weston & Sampson, on behalf of the Bennington County Regional Commission (BCRC) and for the reliance the Community Exchange and Development Corporation of North Bennington, Vermont has prepared this Phase I Environmental Site Assessment (ESA) Report for an approximately 5.53 acre property located at 29 Sage Street, in North Bennington, Vermont (the Target Property). The Target Property contains the former Sage Street Mill which has been renovated for use by the Vermont Arts Exchange as an active art creation and display place and one residential unit (**Figure 2**).

Weston & Sampson was requested by the Bennington County Regional Commission (BCRC) and the current owner, Community Exchange and Development Corporation, to complete an ASTM Phase I ESA of the Target Property. The BCRC and current property owners wish to determine if recognized environmental conditions (RECs) exist at the site which will aid in identifying future funding opportunities to assist with rehabilitating the building and property.

The ESA was performed in accordance with the Standard Practice E 1527-13, developed by the ASTM and EPA's All Appropriate Inquiry (AAI) standard. The ESA included an environmental database search; review of local, state, and federal regulatory agency files; and a limited reconnaissance of the Target Property and vicinity for potential off-Site contamination sources.

This report is subject to the Limitations described in Section 11.0.

### 1.1. Purpose

The Phase I ESA was performed to assess the Target Property with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. This practice is intended to permit the Town to satisfy some of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the Target Property consistent with good commercial or customary practice" as defined in 42 U.S.C. § 9601(35)(B).

The objective of the Phase I ESA is to identify recognized environmental conditions (REC) in connection with the property at the time of the property evaluation. The term "recognized environmental condition" referenced in the E1527-13, refers to "the presence or likely presence of any hazardous substance or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." The ASTM definition does not include, "de minimis" conditions, which generally do not present a threat to human health or the environment and would not be the subject of an enforcement action if brought to the attention of the appropriate governmental agencies; therefore, de minimis conditions are not considered RECs.

This ESA was conducted utilizing a standard of good commercial and customary practice that is consistent with E 1527-13. Any significant scope-of-work additions, deletions or deviations to E 1527-13 are noted below or in the corresponding sections of this report. The scope of work for this ESA included an evaluation of the following:

- Physical characteristics of the Target Property through a review of referenced sources for topographic, geologic, soil, and hydrologic data;
- Target Property history through a review of referenced sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports, and interviews;
- Current Target Property conditions, including a site reconnaissance to observe conditions exposed at the ground surface for evidence of previous and current property usage, and indications of environmental impacts (e.g., stressed vegetation, staining, etc.), as well as interviews regarding: the presence or absence of hazardous substances or petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or biomedical waste; equipment that utilizes oils which potentially contain PCBs; and storage tanks (aboveground and underground);
- Usage of surrounding area properties and the likelihood for releases of hazardous substances and petroleum products (if known and/or suspected) to migrate onto the Site;
- Information in referenced environmental agency databases and local environmental records for sites located within specified minimum search distances;
- Past ownership through a review of available prior reports and local municipal files
- In addition to the ASTM 1527-13 required reviews above, Weston & Sampson contracted Clay Point Environmental, Inc. (CPAI) to perform a screening of suspect hazardous building materials potentially containing asbestos, lead paint and PCBs. The screening included a walk through of the facility by qualified professionals to view and inventory suspect materials location, types, and volumes.

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## 2.0 TARGET PROPERTY DESCRIPTION

### 2.1. Target Property Ownership and Location

#### 29 Sage Street – North Bennington, Vermont

Latitude/Longitude: 42° 55' 48.00" North  
73° 14' 20.76" West

UTM Coordinates: Zone 18  
643,696.6 meters Easting  
4,754,331 meters Northing

Target Property Owner: Community Exchange and Development Corp. (CEDC)

Target Property Occupants: VT Arts Exchange and One Residential Unit

Target Property Location: 29 Sage Street

County: Bennington

Parcel ID: 14-50-68-00

Size: 5.53 acres

The Target Property consists of one parcel, containing a three story industrial building and several vacant outbuildings. The Target Property is located in the Industrial District and the Village of North Bennington Historic District.

A Locus Map and Aerial Map of the Target Property and general surroundings are provided as **Figures 1, 2 and 3**.

### 2.2. Current Use of the Target Property

The Target Property contains the former Sage Street Mill a multi-use commercial property which includes the headquarters, studio and community space for the VT Arts Exchange (VAE), a residential loft, and storage space.

### 2.3. Description of Structures, Roads, Other Improvements on the Target Property

The Target Property consists of 5.53 acres former mill building and associated outbuildings on the southern portion of the property that occupy a total of approximately 20,000 square feet. The remaining areas to the north and east of the mill buildings consist of brushy overgrown grass and wooded areas with a series of nature paths some of which connect to the adjoining municipally owned recreation areas to the north of the Target Property.

The "Main Mill Building" is a 3 story, brick and mortar structure with no basement. The historic building was built in 1811 and includes a flat built up roof, and timber wood beam framed interior.

Located to the immediate south of the Main Mill building area series of smaller, dilapidated wood and brick outbuildings associated with the former mill activities. These buildings adjoin the Paran Creek which forms the southern property boundary. The outbuildings consist of a brick former boiler building with a centrally located and intact chimney; a series of brick and wood kiln drying bays; and a wooden building which houses an inactive 10,000-gallon aboveground storage tank (AST).

The “Butler Building” is a prefabricated metal structure attached, but separated by a fire wall, to the east side of the Main Mill building. This building consists of approximately 4,800 square feet of cold storage space built upon a concrete slab.

The “Garage Building” is a prefabricated metal structure located 100 feet to the north of the Main Mill building and consists of approximately 1,500 square feet of cold storage built upon a concrete slab.

The Target Property is accessed from the west by Sage Street. A series of walking paths also provide pedestrian access to the site from the north. A dirt parking area for approximately 20 vehicles is centrally located between the Main Mill building and the garage building.

#### **2.4. Current Uses of Adjoining Properties**

The area surrounding the Target Property is developed with a mix of residential and recreational uses. The adjoining property to the north is developed for recreational use and consists of walking paths that lead to municipally owned recreational fields. The property is bound to the east and south by Paran Creek with the Lake Paran Road and municipally owned and vacant land located beyond the waterway. Sage Street and residential properties adjoin the Target Property to the west.

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### 3.0 USER PROVIDED INFORMATION

A User Questionnaire was forwarded to Ms. Patricia Pedreira, president and co-owner of the CEDC and co-founder of the Vermont Arts Exchange. The information requested in the User Questionnaire is intended to assist in gathering evidence to identify RECs at the Target Property. A copy of the completed User Questionnaire and AAI Checklist are included as **Appendix B**. The following is a summary of the completed User Questionnaire.

#### 3.1. Environmental Liens

Ms. Patricia Pedreira is not aware of any environmental cleanup liens against the Target Property that are filed or recorded under federal, tribal, state, or local law.

#### 3.2. Activity and Use Limitations

Ms. Patricia Pedreira is not aware of any Activity and Use Limitation (AUL) implemented at the Target Property.

#### 3.3. Specialized Knowledge

Ms. Patricia Pedreira is the president and co-owner of the CEDC and co-founder of the VT Arts Exchange (the primary user of the property). Ms. Pedreira, has been in this official capacity since purchasing the property in December 1993.

Ms. Pedreira noted that a Phase I ESA was completed at the Target Property in 1993 as part of the financing and funding requirements associated with CEDC purchasing the property. According to Ms. Pedreira, the investigation identified several recommendations related to business environmental risks at the property but she reported no knowledge of RECs, historical recognized environmental conditions (HRECs), or other potential environmental concerns in connection with the Target Property or nearby properties being identified in the report. An exhaustive effort was made by all interested parties to obtain a copy of the previous ESA report; however, no copy of the report was available.

Ms. Pedreira reported that the recommendations related to the identified business environmental risks in the 1993 ESA were completed as part of the purchase of the property and included the removal of a 575-gallon underground storage tank on the west side of the mill building and removal and disposal of several small containers of cutting oil and cutting oil impacted absorbent material from the Butler Building by a hazardous waste hauler.

Additionally, a copy of the *Petroleum Eligibility Determination* correspondence from the Vermont Department of Environmental Conservation (VTDEC) to the US EPA dated September 16, 2013 indicates that on October 30, 1993 groundwater samples from existing monitoring wells at the site were collected and analyzed. The analysis included EPA Method 8020 for petroleum related volatile compounds, EPA method 4181 for total petroleum hydrocarbons and EPA Method 8100 for polynuclear aromatic hydrocarbons. Analysis of the samples did not detect volatile organic compounds, polynuclear hydrocarbons or total petroleum hydrocarbons above the method detection limits. No copy of the groundwater monitoring report was available for review as part of the assessment; however, a copy of the referenced *Petroleum Eligibility Determination* is included in **Appendix C**.

#### 3.4. Commonly Known or Reasonable Ascertainable Information

Ms. Patricia Pedreira noted that the Target Property is part of the North Bennington Village Historic District and has been mostly in continual use as a manufacturing facility for over 100 years. Manufacturing uses have included textiles, cotton, furniture, toys, mirrors, ball valves

and other metal fabrication. Ms. Pedreira did not report any commonly known or reasonably ascertainable information about the Target Property that would be indicative of any other releases or threatened releases.

### **3.5. Valuation Reduction for Environmental Issues**

No property valuation reduction related to environmental issues or concerns was reported by Ms. Patricia Pedreira.

### **3.6. Degree of Obviousness of Contamination**

Beyond the specialized knowledge described above in Section 3.3, Ms. Pedreira reported no obvious indicators that point to the presence or likely presence of contamination at the Target Property.

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## 4.0 DATABASE SEARCH REPORT AND PUBLIC RECORDS

### 4.1. Electronic Database Search

A review of standard environmental databases maintained by federal, state, and tribal offices was completed through Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. The databases were searched for properties with reported environmental conditions located within approximate minimum search distances as specified by ASTM Standard E 1527-13. The databases use geocoded information to identify the coordinates of the properties in the databases or to check the street addresses of practically reviewable non-geocoded “orphan” properties located within the same zip code. The detailed database report and limitations of the search criteria are contained in **Appendix D**, which also defines database acronyms that are not explicitly defined in this discussion.

The database report identified 20 “orphan sites.” Orphan sites are those sites that could not be accurately mapped or geocoded due to inadequate location information. Weston & Sampson attempted to locate additional sites via vehicular reconnaissance and interviews with personnel familiar with the area. Based on this research, Weston & Sampson did not identify any listed orphan sites that are likely to have impacted conditions at the sites. It should be noted that plotted locations of listed sites are not always accurate. With regard to listings that are determined or suspected to be inaccurate, based on information from other sources such as direct observation or consultation with individuals familiar with the property, Weston & Sampson uses the best available data when evaluating the location of listed sites discussed below.

The following tables provide a summary of findings of EDR’s report. Some records reviewed pertain not only to the Target Property, but also to properties within an additional approximate minimum search distance in order to assess the likelihood of problems impacting the subject property from migrating hazardous substances or petroleum products. The Target Property was listed on 3 of the databases searched by EDR.

<b>SUMMARY OF EDR'S FEDERAL/STATE REGULATORY DATABASE SEARCH FINDINGS</b>			
<b>Regulatory Database</b>	<b>Approximate Minimum Search Distance</b>	<b>Target Property Listed</b>	<b>Off-Site Listings Within Search Distance</b>
<b>Federal Records</b>			
NPL/delisted NPL (1 mile)	1.0 mile	No	<b>0</b>
CERCLIS/CERCLIS NFRAP (0.5 mile)	0.5 mile	No	<b>0</b>
RCRA CORRACTS (1 mile)	1.0 mile	No	<b>0</b>
RCRA TSD (0.5 mile)	0.5 mile	No	<b>0</b>
RCRA Gen. (0.25)	0.25 mile	No	<b>0</b>
NPL/Delisted NPL (1 mile)	1.0 mile	No	<b>0</b>
Federal RCRA Generator Sites	0.25 mile	No	<b>1</b>
<b>State and Tribal Federal Records</b>			
Equivalent NPL/CERCLIS Sites	1.0 mile	No	<b>0</b>
Spill Sites	0.5 mile	No	<b>0</b>
Landfill Sites & Solid Waste Disposal Sites	0.5 mile	No	<b>0</b>
Leaking Storage Tank Sites	0.5 mile	No	<b>0</b>
Registered Storage Tank Sites	0.25 mile	No	<b>2</b>
Engineering & Institutional Control Registries	0.5 mile	No	<b>0</b>
Voluntary Cleanup Sites	0.5	No	<b>0</b>
Brownfields Sites	0.5	No	<b>0</b>

<b>SUMMARY OF EDR'S ADDITIONAL ENVIRONMENTAL RECORDS SEARCH FINDINGS</b>			
<b>Regulatory Database</b>	<b>Approximate Minimum Search Distance</b>	<b>Target Property Listed</b>	<b>Off-Site Listings Within Search Distance</b>
Local Brownfields Lists	0.5 mile	No	<b>0</b>
Records of Emergency Release Reports	1.0 mile	No	<b>0</b>
RCRA Non-Generator NLR	0.25 mile	<b>Yes</b>	<b>1</b>
RGA LUST	0.5 mile	No	<b>0</b>
RGA HWS	1.0 mile	No	<b>0</b>
VT, NH, NJ, NY manifests	0.25 mile	No	<b>2</b>
Manufactured Gas Plants (EDR MGP)	1.0 mile	No	<b>0</b>
Historical Auto Stations	0.25 mile	<b>Yes</b>	<b>1</b>
Historical Cleaners	0.25 mile	No	<b>0</b>
Recovered Government Archive State Hazardous Waste Facilities List	1.0 mile	No	<b>0</b>
Recovered Government Archive Leaking Underground Storage Tank	0.5 mile	No	<b>0</b>

The discussion in the following sections serve to highlight findings of the database search that may have the potential to present RECs at the Target Property.

EDR Listed Sites of Concern – Target Property			
Site	Distance / Direction / Gradient*	Site ID	Database Listing
29 Sage Street (Site)	Site	VTR000511667	RCRA NonGen, FINDS, US Hist Auto Stat

\* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction (EDR)

**Former Sage Street Mill - 29 Sage Street (Target Property) – Listed as a RCRA NonGen and FINDS site related to a former tenant, Classic Metal Restorations, who occupied a portion of the Butler Building at the Target Property for a five month period in 2004-2005. Based on an interview with the former business owner, Mr. Anthony Cook, business activities at this site consisted of sandblasting of old car parts and no plating took place at this site. Additionally, the Target Property was listed on the US Historic Auto Station database. Based on information provided by Ms. Pedreira, a local auto mechanic rented space in the garage building for a short time for auto body repairs and painting. **Weston & Sampson is of the opinion that the operation of these small scale auto body related business at the Target Property is not likely to pose a threat to the subsurface conditions of the Target Property based upon the limited time of operation of the former businesses, the characteristics of the materials used, and follow up research into the listing of the site revealed no evidence of petroleum or hazardous material release at the property. Thus these listings are not likely to pose a material threat to the subsurface conditions of the Target Property.****

#### 4.1.1. Adjacent Property Listings

There were no directly adjacent properties identified on the EDR regulatory databases searched.

#### 4.1.2. Orphan Listings

The EDR database report identified 20 orphan site listings. None of the orphan listings were identified as Adjacent Properties and/or sites of concern. Orphan listings provided by EDR were cross referenced with state and local files to confirm addressing. A copy of the regulatory database report is included in **Appendix D** of this report.

#### 4.1.3. State Records – Vermont Hazardous Sites Database

Weston & Sampson performed an online review of the Vermont Department of Environmental Conservation, Waste Management Division Interactive Database (WM-ID) and Agency of Natural Resources Natural Resources Atlas. The WM-ID is updated on a daily basis and allows for users to identify and check the current status of hazardous waste sites and spill sites in Vermont. The Atlas provides geographic information about environmental features and Sites that the Vermont Agency of Natural Resources manages, monitors, permits, or regulates. In addition to standard map navigation tools, this website allows access to documents where available.

Whether or not a REC associated with an off-site source has the potential to impact the Target Property depends on the distance of the source from the Target Property, its direction and

elevation from the Target Property relative to the flow of groundwater (presumed to flow toward the Paran Creek), the magnitude of the release, contaminant type, regulatory status and location. In general, off-site releases with sources that are proximate to, and hydraulically upgradient of the Target Property have the potential to impact the Target Property.

Three additional sites were identified through the WM-ID database as being within 1,000 feet of and having the potential to impact the Target Property and were not listed in the EDR database already described above. Specific details associated with the sites and an opinion of the level of risk to impact the Target Property are included below:

**Apollo Fuel Former Bulk Plant – Lake Paran Road (SMS#20104119)** – Listed as a closed VTDEC Hazardous Site related to a limited phase II investigation completed at former bulk storage facility located on the opposite (south) side of Paran Creek approximately 225 feet south of the Target Property. No structures are left on site and the low levels of petroleum compounds detected in soils and groundwater at the site stabilized to acceptable levels. No additional work related to the release was requested by the VTDEC and the site was closed on April 19, 2013. **Weston & Sampson is of the opinion that any residual petroleum contamination remaining at the former Apollo Fuels Plant is not likely to pose a threat to the subsurface conditions of the Target Property based upon the lack of any request for additional investigation by the VTDEC, the regulatory status of the site, and and/or subsurface migration of any potential contaminants to the Target Property is impeded by hydrogeologic connectivity/gradient and presence of the Paran Creek.**

**McAdoo Rugs – 1 Pleasant Street (SMS# 20104030)** – Listed as a closed VTDEC Hazardous Site that is approximately 800 feet south and west of the Target Property. Contamination was discovered during an environmental site assessment indicating metals and semi volatile organic compounds (SVOCs) were present due to use of the property as a stereoscope manufacturing facility and due to fill that was brought to the site. No groundwater was encountered during the investigation activities and the bulk of the contaminated material was excavated and disposed of. Contaminated areas have been covered with filter fabric and either paved or filled in. A notice has been filed with the town of Bennington to document residual contamination and the site was closed on May 16, 2011. **Weston & Sampson is of the opinion that any residual contamination remaining at the former McAdoo Rugs property is not likely to pose a threat to the subsurface conditions of the Target Property based upon the regulatory status of the site, and subsurface migration of any potential contaminants to the Target Property is impeded by hydrogeologic connectivity/gradient and presence of the Paran Creek.**

**Sage City Syndicate – Routes 67 & 67A/Main Street (SMS# 870042)** – Listed as a active VTDEC Hazardous Site that is approximately 875 feet west of the Target Property. Contamination related to a leaking gasoline UST that was discovered in 1987. Petroleum contaminated soils and groundwater have been monitored and remediated. The VTDEC website accessible monitoring record (2000) indicates that contaminant levels are stable and/or declining an no significant off-site migration is occurring. **Weston & Sampson is of the opinion that any residual contamination remaining at the Sage City Syndicate property is not likely to pose a threat to the subsurface conditions of the Target Property based upon groundwater flow away from the Target Property.**

**Turning Tech – Sage Street (WMD# 261)** – Listed as a closed VTDEC Spill Site related to a report of poor management practices and a release of mercury. A review of the business listing confirms location of this property along Route 67A (Water Street) and not Sage Street. The

release was reported on August 25, 1994. A site visit was completed by the VTDEC on August 31, 1994. Following the site visit, the spill file was closed the same day. **Weston & Sampson is of the opinion that any residual contamination related to the reported release at the Turning Tech property is not likely to pose a threat to the subsurface conditions of the Target Property based upon the lack of any request for additional investigation by the VTDEC, the regulatory status of the site, and and/or subsurface migration of any potential contaminants away from the Target Property.**

4.1.4. Tier I Vapor Encroachment Screening Summary

In 2010, ASTM International issued its revised Standard E2600-10 entitled “Standard Guide for Vapor Encroachment (VE) Screening on Property Involved in Real Estate Transactions.” This standard guide has been adopted into the ASTM 1527-13 Phase I Environmental Site Assessment Standard. The purpose of the VE standard is to define good commercial and customary practice for real estate transactions in the United States for conducting a screening assessment directed solely at the likelihood for migrating vapors to encroach upon a target property (i.e. the Site) creating a vapor encroachment condition (VEC). Whether or not encroaching vapors result in a vapor intrusion problem requires further investigation that is beyond the scope of the standard.

A VEC is defined as the presence or likely presence of chemicals of concern (COC) vapors in the subsurface of the Target Property caused by the release of vapors from contaminated soil or groundwater on or near the Target Property. An area of concern (AOC) as defined in the E2600-10 is measured 0.33-miles from the Target Property for known or suspect contaminated sites with volatile organic compounds (VOCs) or semi-VOCs; 0.1-mile from the Target Property for known or suspect petroleum hydrocarbon releases. The identification of AOCs may be reduced if the groundwater flow direction is known relative to the Target Property. Critical distances are taken into account for contaminated groundwater plumes in any direction for COCs including petroleum LNAPL accumulating above the water table at a distance of 100 feet from the edge of the plume to the Target Property and 30 feet for dissolved volatile petroleum hydrocarbons.

Using the information evaluated in Sections 4.1 through 4.1.3, Weston & Sampson has performed a Vapor Encroachment Screening (Tier 1) in general accordance with the scope of work and limitations of ASTM Standard Practice E 2600-10 for the Target Property. The purpose of this Vapor Encroachment Screening (Tier 1) was to identify existing or potential VECs (as defined by ASTM Standard E 2600-10) affecting the Target Property. As part of the screening, Weston & Sampson developed the VEC Screen Report dated September 29, 2014 (**Appendix E**) using the web based EDR VEC application and completed the Questionnaire that can be found in Section X3 of ASTM E 2600-10, which is duplicated in the table below. Additionally, the VEC Screening has been performed with the understanding that the final use of the Target Property following renovation is planned to be consistent with the current use.

*VEC Tier 1 Screening*

Question	Response	Comments
1. Property Type?	Office/Commercial/ Residential	Planned future use is consistent with current use.
2. Are there buildings/structures on the property?	Yes	Three Story wood and brick.

Question	Response	Comments
3. Will buildings/structures be constructed on the property in the future?	Yes	Planned future use is consistent with current use.
4. If buildings exist or are proposed, do/will they have elevators?	Yes	Existing ADA compliant elevator.
5. Type of level below grade (existing or proposed)?	None	
6. Ventilation in level below grade?	N/A	
7. Sump pumps, floor drains, or trenches (existing or proposed)?	Yes	First floor of Main Mill building (3) and Butler Building (1).
8. Radon or methane mitigation system installed?	No	
9. Heating system type (existing or proposed)?	Hot water baseboard (oil fired)	
10. Type of fuel energy (existing or proposed)?	#2 heating oil	
11. Have there ever been any environmental problems at the property?	No	None identified at regulatory level.
12. Does/will a gas station or dry cleaner operate anywhere on the property?	No	
13. Do any tenants use hazardous chemicals in relatively large quantities on the property?	No	
14. Have any tenants ever complained about odors in the building or experienced health-related problems that may have been associated with the building?	No	
15. Are the operations (or proposed operations to be performed) on the property OSHA regulated?	No	
16. Are there any existing or proposed underground storage tanks (USTs) or above ground storage tanks (ASTs)?	Yes	2x275 gal. active ASTs inside Main Mill Building 1x275 gal. active AST in Garage 1x10,000 (in-active) AST in shed
17. Are there any sensitive receptors (for example, children, elderly, people in poor health, and so forth) that occupy or will occupy the	Yes	Residential unit with children. School age children related programs.

Question	Response	Comments
property?		

*Additional VEC Criteria*

Question	Response	Comments
1. Is the property known to have current or past contamination?	No	None identified at regulatory level.
2. Is contamination of the property suspected?	No	
3. Is an adjacent property known to have current or past contamination which may have impacted the subject property?	No	
4. Is a nearby property known to have current or past contamination which may have impacted the subject property?	No	
5. Is regional groundwater contamination known to exist beneath the property?	No	
6. Are you aware of other conditions which may result in vapor intrusion at the property?	No	

**4.1.5. Sites of Concern Listings**

Sites of concern include any property that could impact the Target Property due to a release of hazardous substances. Typically Sites with open releases and situated hydrogeologically up-gradient are considered Sites of concern. To assist in making a determination if a release has a high risk of impacting the subject property, the following guidelines from ASTM E2600-10 were considered when evaluating releases:

- Petroleum hydrocarbons: 1 /10 mile or 528 feet; and
- All other releases (including chlorinated solvents): 1/3 mile or 1,760 feet

The VEC Screen Report developed by Weston & Sampson using the EDR VEC application identified four (4) Sites of Concern with the potential to impact the Target Property, due to their location within a 1/3 mile Area of Concern radius. Results of the VEC screening indicate that a VEC can be ruled out at the Target Property based on the identified previous uses of the site and contaminants of concern. None of the nearby listed Sites are likely to pose a VEC risk to the Target Property and do not warrant a file review, because they fall into one or more of the following categories:

1. a petroleum spill greater than 528 feet from the Target Property;
2. down gradient and/or cross gradient up gradient, but no records of release
3. up gradient, but contamination reduced to background; and/or
4. subsurface migration to the Target Property is impeded by hydrogeologic gradient.

Further details and rationale related to the determination of risk associated with each identified site are included in the VEC Screen Report developed by Weston & Sampson using the EDR VEC application and included in **Appendix E**.

## **4.2. Municipal Records**

Weston & Sampson conducted interviews and records research at the Town municipal offices on September 23, 2014. Pertinent information obtained from the Town and Village of North Bennington is discussed below.

### 4.2.1. Village of North Bennington Clerk

Weston & Sampson performed an interview with Ms. Laurie Elwell Village Clerk for the Village of North Bennington regarding the Target Property via phone. According to the Ms. Elwell, there are no known environmental liens against the property. Additionally, Ms. Elwell was not aware of any other incidents involving the use, storage or release of hazardous materials or USTs at the Target Property or adjoining properties.

### 4.2.2. Town of Bennington Zoning and Planning Department

Weston & Sampson performed an interview with Ms. Linda Lee Hayden, Town Assessor for the Town of Bennington, regarding the Target Property. Ms. Hayden was not aware of any incidents involving the use, storage or release of hazardous materials and/or petroleum products at the Target Property or adjoining properties. Ms. Hayden indicated that no recent permits related to the Target Property have been received by the Town.

### 4.2.3. Village of North Bennington Volunteer Fire Department

Weston & Sampson corresponded with Mr. Ed Myers, Chief of the North Bennington Fire Department via phone. Mr. Myers had no knowledge of USTs at the Target Property or adjoining properties, and no knowledge of hazardous materials storage, releases or incidents at the Target Property or adjacent properties. He reported only responding to a fire alarm issue at the Target Property during his time with the department. Mr. Myers has been with the Village Fire Department for 26 years.

### 4.2.4. Village of North Bennington Department of Public Works

Weston & Sampson spoke with Mr. Norm Leblanc, of the Village of North Bennington Public Works department. Mr. Leblanc has been involved with the Department for over 15 years and he was not aware of any USTs at the site or any incidents involving the use, storage or release of hazardous materials at the Target Property or adjoining properties.

## **4.3. Target Property and Area History**

### 4.3.1. Sanborn Maps

A search for historical Sanborn fire insurance maps depicting the Target Property and vicinity was conducted by EDR, Inc. EDR identified Sanborn maps for the Target Property dated 1885, 1891, 1896, 1901, 1906, 1921, 1928, 1941 and 1959. All of the historic maps indicate a history of industrial and manufacturing uses at the subject property. The EDR Sanborn Map Report is included as **Appendix F** and details are summarized in the following table.

The 1959 map depicts a gasoline underground storage tank located to the west of the Main Mill building between the building and the roadway (North Street). This UST was removed in 1994 and review of the UST closure report indicates that no evidence of a release associated with this tank was observed. A copy of the UST closure report is included in **Appendix K**.

<b>SANBORN MAP SUMMARY – TARGET PROPERTY OBSERVATIONS</b>	
<b>Year</b>	
1885	Property occupied by large Main Mill building, labeled Vermont Mills (print cloth) and several mill/manufacturing related outbuildings. Other mill uses depicted on the map include; Weaving, mule spinning, spooling, and carding. The mill flume from Paran Lake is depicted traveling north to south on the east side of the mill building. Steam power fueled by coal was also used on the site and building #17, located on the eastern extent of the target property, was labeled as a coal storage shed. Building #18, also located on the eastern portion of the property was labeled Waste House. One section of the mill building centrally located on the north side of the building was labeled Oil Room. A building labeled Machine Shop was noted on the southern extent of the site adjacent to the Paran Creek.
1891	The property remains relatively unchanged from the 1885 map. Vermont Mills still occupies the site and is noted as a manufacturer of cotton yarns. Uses noted remain the same and descriptions of the various outbuildings also remain unchanged from the 1885 map.
1896	The property remains relatively unchanged from the 1891 map. Vermont Mills still occupies the site and is noted as a manufacturer of cotton yarns. Uses noted remain the same and descriptions of the various outbuildings also remain unchanged from the 1891 map.
1901	The layout of the property remains relatively unchanged from the 1896 map; however, map coverage is incomplete on the eastern extent of the property and the mill flume is no longer depicted. Vermont Mills is still noted as the site occupant but is noted as vacant and as such description of the uses of the mill and various outbuildings is not noted.
1906	Property remains occupied by large Main Mill building, now operated by E.Z. Waist Co., Manufacturers of Ladies Garments and several mill/manufacturing related outbuildings. Other mill uses depicted on the map include a bleach room, dynamo and storage, finishing, cutting, and knitting. The mill flume from Paran Lake is now depicted traveling directly to the Paran Creek and is noted to be used as a water source. The outbuildings to the south of the Main Mill are labeled as vacant with the exception of the note of a heating room. Map coverage is incomplete on the eastern extent of the property.
1921	The layout of the outlying areas of the property are relatively the same from previous maps however the effects of the 1913 fire are noted as the footprint of the Main Mill building has changed and several of the smaller outbuildings are no longer depicted. The property is labeled for use as A.S. Payne Toy and Mirror Manufacturing. Uses within the Main Mill building include wood working (first floor) mirror work (second floor) and toy finishing (third floor).
1928	The property is labeled for use as A.S. Payne Toy and Mirror Manufacturing. Uses within the Main Mill building include wood working (first floor) mirror work (second floor) and toy finishing (third floor). The addition of the kiln drying buildings adjacent to the Paran Creek were noted along with building #16 (the former mill turbine) which is labeled as paint and oil and is located to the east side of the Main Mill building. Municipal water piping infrastructure extending from Factory (Sage) Street is depicted.
1941	The property remains relatively unchanged from the 1928 map. A.S. Payne still occupies the site and woodworking, mirror work, and toy finishing are the labeled uses. Descriptions of the various outbuildings also remain unchanged from the 1928 map.
1959	The layout of the property remains relatively unchanged from the 1928 and 1941 maps; however, the property is now operated by Keough Bros. Inc. manufacturer of children's furniture. An addition was constructed on the northeast corner of the Main Mill building. Four spray booths are depicted to the south of the Main Mill building in the area of the present day courtyard and are noted to be related to uses on the third floor of the building. A gasoline UST is noted to the west of the Main Mill building between the building and the roadway (North Street).

SANBORN MAP SUMMARY – ADJOINING PROPERTIES Observations		
Year	Issues Noted	
1885 1891 1896 1901 1906 1921 1928 1941 1959	None	<p>Sanborn map coverage for the area immediately surrounding the Target Property was limited to the developed area to the west of the Target Property along the north and south side of Factory Street (now Sage Street). In each of the maps provided, the surrounding area is developed with residential buildings labeled as dwellings and tenements. Several outbuildings labeled as barns were noted on the hill side to the north of the dwellings.</p> <p>The installation of municipal sewer and water piping within the Factory Street right of way was first documented on the 1928 map.</p> <p>The 1959 map depicts one commercial structure labeled green house on the north side of Factory Street. Other than this exception, the residential use of the area immediately surrounding the Target Property remains relatively unchanged for the period of Sanborn Map coverage.</p>

#### 4.3.2. Topographic Maps

Historical topographic maps provide information related to physical land configuration such as elevation, ground slope, surface water and other features. While most buildings in densely developed urban centers are not depicted, topographic maps typically show structures equal to or larger than the size of a single-family residence in rural areas. Other notable features such as woods, pipelines, municipal boundaries, and areas of filled land are often marked on topographic maps.

A search for historical topographic maps depicting the Target Property and vicinity was conducted by EDR. The Target Property can be identified in all four EDR-supplied topographic maps dated 1898, 1900, 1954, and 1997. All four historical topographic maps show a similar topography surrounding the Target Property.

The Target Property appears to be located in a terraced area overlooking the Paran Creek. The Paran Creek and Walloomsac River dominate regional topography of the area as receiving waters for drainage from the Green Mountains located to the east of the Target Property. Locally, drainage appears to be to the south from the Target Property. Several mill are depicted along Paran Creek as early as the 1898 map. Each of the maps reviewed indicate that the Target Property and surrounding area are developed, for what appears to be commercial and residential uses and clearly depict the town center. The EDR Historical Topographic Map Report is included as **Appendix G**.

#### 4.3.3. Aerial Photographs

Historical aerial photographs may be used to evaluate changes in land use and to identify visible areas of potential environmental concern. A search for historical aerial photographs depicting the Target Property and vicinity was conducted by EDR. The EDR Aerial Photo Decade Package for the Target Property included eight (8) photographs dated 1942, 1960, 1985, 1993, 2006, 2009, 2011, and 2012. All eight historical area photographs indicate that the Target Property and surrounding area is developed for commercial and residential uses and clearly depict the town center. The mill sluice way appears visible in the 1942, 1951, 1962 and

1965 photographs. The improvements to the Paran Creek dam appear visible in the 1992 photograph. The EDR Aerial Photo Decade Package is included as **Appendix H**.

#### 4.3.4. City Directories

Historical street directories are commercial publications containing names and addresses, and in many cases, occupations of the occupants of a particular community. The directories may also contain information pertaining to business processes conducted within a community. A search for historical street directories was conducted by EDR. The EDR City Directory Abstract is included as **Appendix I**.

CITY DIRECTORIES SUMMARY		
Year	Issues Noted	Notable Occupants
1964	No	<b>Target Property:</b> Shea Geo E Inc.
		<b>Surrounding Properties:</b> The listed properties surrounding the Target Property appear to be residential with the following exceptions: Moore Marty Greenhouses – 28 Sage Street Roseway Beauty Salon - 30 Sage Street Sweet Clover – 30 Sage Street
1992	No	<b>Target Property:</b> A Brown Co.
		<b>Surrounding Properties:</b> The listed properties surrounding the Target Property appear to be residential.
1995	No	<b>Target Property:</b> Scratch and Dent Auto Body
		<b>Surrounding Properties:</b> The listed properties surrounding the Target Property appear to be residential.
1999	No	<b>Target Property:</b> Matthew Perry Scratch and Dent Auto Body
		<b>Surrounding Properties:</b> The listed properties surrounding the Target Property appear to be residential.
2003	No	<b>Target Property:</b> Not Listed
		<b>Surrounding Properties:</b> The listed properties surrounding the Target Property appear to be residential.
2008	No	<b>Target Property:</b> Not Listed
		<b>Surrounding Properties:</b> The listed properties surrounding the Target Property appear to be residential.
2013	No	<b>Target Property:</b> Matthew Perry/VT Arts Exchange
		<b>Surrounding Properties:</b> The majority of the properties surrounding the Target Property appear to be residential.

#### 4.3.5. Summary of Historical Site Usage

The Target Property is part of the North Bennington Village Historic District and has been mostly in continual use as a manufacturing facility for over 100 years. Manufacturing uses have included textiles, cotton, furniture, toys, mirrors, ball valves and other metal fabrication. The

following table provides a summary of the site history condensed from various historical uses including local municipal records, historical documents, Sanborn maps, and photographs.

<b>Date</b>	<b>Site Use</b>	<b>Comments</b>
1811	Paran Creek Manufacturing	Textile production
1885	Vermont Mills	Print cloth, weaving, cording, spooling.
1891-1896	VT Mills Manufacturing	Cotton yarns
1901	VT Mills	Vacant
1906	EZ Waist Co.	Cotton undergarment manufacturing
1913*	EZ Waist Mill	*FIRE – Original Mill Burns
1921-1941	Sage St. Mill – A.S. Payne Toy and Mirror Co.	Toy Finishing Mirror Manufacturing Wood Working
1959	Keough Bros. Inc.	Children's Furniture Manufacturer
1966	Shea Realty Inc.	Unknown uses
1983	A Brown Co.	Valve and Metal Fabrication
1993	CEDC/VT Arts Exchange	Current Uses

Data failure as defined by ASTM 1527-13 was encountered during the historic use source search as 5 year intervals of sources was not achieved. Also, none of the historic sources could be found showing uses prior to first development of the property. We do not believe the data failure represents a significant data gap as the use of the Target Property as a manufacturing facility from initial development in 1811 through 1993 is sufficiently defined by the available records for us to form opinions regarding the presence of RECs.

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## 5.0 TARGET PROPERTY RECONNAISSANCE

On September 23, 2014, Weston & Sampson personnel performed a visual reconnaissance of the Target Property. The purpose of the reconnaissance was to observe current Target Property conditions and assess, based on visual observations, if there was evidence of RECs (i.e., release(s) of oil and/or hazardous materials (OHM) to the surface or subsurface) at the Target Property or its surrounding areas. The reconnaissance was performed by walking the property while escorted by Ms. Patricia Pedreira.

Based on field observations made during the Target Property reconnaissance, information obtained through EDR and a review of previous investigations, this section presents a description of the environmental setting pertaining to the Target Property and regional features including topography, groundwater, and geology.

### 5.1. Physical Setting

#### 5.1.1. Target Property Setting and Topography

Topography of the Target Property is relatively flat and the Target Property is located on a terrace overlooking the Paran Creek. The surrounding topography slopes moderately to the south and west. According to the EDR Report, the average elevation of the Site is 623 feet above mean sea level. The Target Property Locus Map (**Figure 1**) depicts the Target Property and surrounding topography as based on the United States Geological Survey (USGS) Quadrangle 7.5-minute series topographic map.

#### 5.1.2. Groundwater Characteristics

Weston & Sampson could find no information relating to groundwater conditions specific to the Target Property. Local groundwater flow direction was inferred from a review of data provided by EDR and local surface topography. It is anticipated that overburden groundwater flows predominantly towards the adjoining Paran Creek.

#### 5.1.3. Bedrock and Soil Characteristics

Weston & Sampson observed no bedrock outcroppings at the Target Property but bedrock outcrops were noted within the river channel of the adjacent Paran Creek and on the opposite side of the creek. Information documenting the bedrock geology of the Target Property was obtained from the Bedrock Geologic Map of Vermont (Ratcliffe, et al, 2011). The Target Property is located within the Clarendon Springs Formation of the Upper Cambrian Period. Bedrock is distinguished by steel-gray-weathering, light-gray, massive calcitic dolostone grading upward into darker, more fissile calcitic dolostone containing white quartz knots near top; unit locally brecciated.

According to the EDR Report, surficial soils at the Target Property are classified as Belgrade by the United States Department of Agriculture's (USDA) Soil Conservation Service (SCS). The silt loam is described as having moderate infiltration rates. Soils are deep and moderately deep, moderately well and well drained soils with moderately coarse textures. Soils to the south, east, and west of the Target Property are listed as sand.

#### 5.1.4. Potential Environmental Receptors

Based on a review of the Vermont ANR Natural Resources Atlas, Three private water supply wells are located within 1,000 feet of the Target Property. The Paran Creek bounds the subject

area to the south and east. The Paran Creek corridor to the south and east of the Target Property are also classified as a Class 2 Wetland.

## **5.2. Physical Characteristics**

The following is a list of observations made during the reconnaissance of the Target Property. Photographs of the Target Property can be found in **Appendix A**.

### 5.2.1. Land Area and Observations

The surface of the Target Property is predominantly flat and is located on a shot terrace within the floodplain of the Paran Creek. The property slopes moderately from north to south down to the Paran Creek which forms the southern and eastern property boundary.

### 5.2.2. Buildings and Improvements

The Target Property consists of 5.53 acres former mill building and associated outbuildings on the southern portion of the property occupying a total of approximately 20,000 square feet. The remaining areas to the north and east of the mill buildings consist of brushy overgrown grass and wooded areas with a series of nature paths some of which connect to the adjoining municipally owned recreation areas to the north of the Target Property. The Target Property is accessed from the west by Sage Street. A series of walking paths also provide pedestrian access to the site from the north. A dirt parking area for approximately 20 vehicles is centrally located between the Main Mill building and the garage building.

The “Main Mill Building” is a 3 story, brick and mortar structure with no basement. The historic building was built in 1811 and includes a flat built up roof, and timber wood beam framed interior. The building footprint and configuration does not appear to have changed since the rebuilding of the mill following a fire which burned the original mill to the ground in 1913. Each floor contains approximately 5,000 square feet of space. The first floor has been significantly renovated to include updates to the hot water based heating system (two new heating oil ASTs and boiler) and addition of an ADA compliant bathroom. One hydraulic lift elevator is located on the southeast corner of the basement providing service to the upper floors of the building. The elevator was out of service during the site visit. An oil fired hot water heater and boiler system is located in the utility area on the first floor of the building. The system is fed by two 275-gallon heating oil ASTs located in a, adjoining room in the first floor. The ASTs and boiler appeared to be recently serviced and operating as designed. No evidence of a release was observed. The remaining portions of the first floor consist of open studio space, a common gathering area, and a dry bar for entertainment and events. A significant amount of overhead piping associated with the former and current heating system was noted on the ceiling. Overhead electric conduit infrastructure associated with the former fabrication activities was also noted on the ceiling. The brick walls and cement floor have been renovated but evidence of fastening and connection systems related to large industrial fabrication devices was observed.

The second floor of the Main Mill Building has been renovated for use as studio and art space for the VT Arts Exchange. Paint, adhesives, and other artist supplies were noted to be stored in several areas throughout the studio areas. One residential unit consisting of 1,000 square feet is centrally located on the south side of the building. One public bathroom and one private bathroom for the residential unit were noted on the south side of the second floor.

The third floor of the Main Mill Building remains relatively unfinished except for a small finished studio space on the west side of the building that is rented out as seasonal (unheated) studio space. The rest of the third floor consists of approximately 4,000 square feet of cold storage

space which was 90% occupied by miscellaneous furniture, boxes, art supplies and other household materials which obstructed viewing of the entire floor surface. The third floor is accessed by one of two stairwells on the east and west side of the building. A connecting hallway on the north side of the floor is unheated and separated from the storage space which is generally unoccupied.

Located to the immediate south of the Main Mill building area is a series of smaller, dilapidated wood and brick outbuildings associated with the former mill activities. These buildings adjoin the Paran Creek which forms the southern property boundary. The outbuildings consist of a brick built former boiler building with a centrally located and intact chimney, a series of brick and wood built kiln drying bays, and a wooden building which houses an inactive 10,000-gallon aboveground storage tank (AST). A complete viewing of each area was impeded by the crumbling buildings which posed a safety hazard. A significant amount of solid waste associated with these falling down buildings was noted. The smoke stack for the boiler system is still standing and portions of the former boiler system were observed.

The "Butler Building" is a prefabricated metal structure attached, but separated by a fire wall, to the east side of the Main Mill building. This building consists of approximately 4,800 square feet of cold storage space built upon a concrete slab. Approximately 40% of the floor space was occupied by several automobiles being stored, miscellaneous contractor equipment and supplies, and a small office space. Several containers of cleaning supplies, automotive lubricating supplies and paints were noted throughout the building. The space appeared to be relatively clean; however, evidence of oily staining on the walls and some portions of the floor were noted. These are likely due to the previous machining and valve manufacture which occurred in this space.

The "Garage Building" is a prefabricated metal structure located 100 feet to the north of the Main Mill building and consists of approximately 1,500 square feet of cold storage built upon a concrete slab. The garage consists of two large storage bays. The western bay was occupied by a recreational vehicle/camper. The eastern bay was 80% occupied by miscellaneous building supplies and art materials which prohibited complete viewing of the floor. A set of stairs accessed a second level of the building which extended over a portion of the northern third of the garage. This space was occupied by more miscellaneous household items and provided access to the attic space which contained an oil fired forced hot air furnace system that was not in operation. The attic space was not viewed as part of this assessment due to lack of accessibility. One 275-gallon AST was located inside an attached wooden storage shed located adjacent to the north side of the building. A vent grate and chimney were also observed on this side of the building.

Electric service lines extend overhead from a series of utility poles along the south west side of the Target Property along North Street. The Target Property and adjoining properties are served by municipal water and sewer managed by the municipal public works department. Subsurface water and wastewater piping and utility easements exist onsite just east of the western property boundary.

### **5.3. Potential Environmental Hazards and OHM Storage and Use**

The information discussed below is based on observations conducted during the Target Property visit on September 23, 2014.

#### 5.3.1. Hazardous Substances and Petroleum Products

No evidence of a release was observed and with the exception of the ASTs and one 55-gallon drum listed below, no other evidence of Oil or Hazardous Materials (OHM) storage, other than small quantities of household cleaning materials and painting supplies, was observed at the Target Property.

#### 5.3.2. Underground Storage Tanks (USTs)

No USTs, or evidence of USTs such as fill or vent pipes, were observed at the Target Property. A copy of the June 2, 1994 UST removal report related to the removal of the former gasoline UST located on the west side of the exterior of the mill is included in **Appendix K**. No evidence of a release associated with the use of this UST was noted during the UST removal assessment.

#### 5.3.3. Above Ground Storage Tanks (ASTs)

One in-active 10,000 gallon #6 oil AST is located within a dilapidated wooden shed building located on the south side of the Main Mill building. The tank provided fuel storage for the former boiler system used to heat the Main Mill building and according to Ms. Pedreira has not been in use since the early 1990's. The structural instability of the shed building prevented a complete inspection of the tank; however, no olfactory or visual observations of a release related to the tank were noted.

Two 275-gallon ASTs were observed in the utility room of the Main Mill building. The ASTs provide fuel storage for the oil fired furnace system. The tanks appeared to be in good condition and no evidence of a release was observed.

One 275-gallon AST was observed in an attached shed located on the north side of the Garage Building. The AST appeared in fair condition and was approximately 1/3 full, however the fuel gauge was not working. The AST provided storage of heating oil to the furnace system which was located in the attic space of the garage building. Access to the attic space was not available during the site reconnaissance, however the tank appeared to be in fair condition and no evidence of a release was observed.

One set of decommissioned copper suction and return lines were observed at ground level in the area of the former boiler building extending north toward the Main Mill building. It is not clear if these lines were related to the 10,000 gallon AST system or an alternate fuel storage tank in the vicinity of the boiler building.

No other ASTs or evidence of ASTs were observed at the Target Property.

#### 5.3.4. Odors

No suspect odors were detected at the Target Property.

#### 5.3.5. Pools of Liquid

No pools of liquid were identified at the Target Property.

#### 5.3.6. Drums

One unlabeled 55-gallon drum waste observed adjacent to the exterior of north side of the Butler Building in an area of overgrown bushes. The drum was rusty and in poor condition but appeared approximately 1/3 full with an unknown liquid. No evidence of a releases from the drum was observed. Ms. Pedreira could not confirm the contents of the drum but indicated it

was possible the drum contained oil liquids likely associated with the cleanup of the Butler Building. No other drums were observed at the Target Property.

#### 5.3.7. Unidentified Substance Containers

No unidentified substance containers were observed at the Target Property.

#### 5.3.8. Polychlorinated Biphenyls (PCBs)

Two pole mounted transformers were observed on the western extent of the Target Property on the east side of North Street. Blue PCB stickers, indicating the transformer is free of PCB containing material, were observed on each of the transformers.

No other evidence of PCBs was observed at the Target Property. However, the historical use of cutting oils and other lubricants, which likely included PCB containing material, has been documented at the site.

#### 5.3.9. Stains or Corrosion

No stains or corrosion were observed at the Target Property.

#### 5.3.10. Drains and Sumps

One floor drain was observed in the bathroom within the first floor of the Main Mill building. Based on the layout of the bathroom, it is likely the drain flows to the capped and sealed subsurface sump/pump system which was retrofitted to pump wastewater from the bathroom into the existing waste water piping for the building. No petroleum products or OHM was observed to be stored in the vicinity of the bathroom floor drain or sealed sump.

One plastic slop sink was observed along the southern wall in the studio/event area located on the first floor of the main building. The sink drain was extended to connect with a subsurface pipe extending through the concrete floor. It is not clear where this pipe terminates as there is no subsurface wastewater piping beneath the first floor level. Paints, brushes, and other art supplies were noted in the vicinity of the slop sink.

One approximately 2' X 2' grated catch basin was observed in the center of the floor of the Butler Building. No pipes were observed inside the catch basin which contained sand and sediment. It is unclear where or if the catch basin drains. No other drains or sumps were observed at the Target Property.

#### 5.3.11. Pits, Ponds, or Lagoons

No pits, ponds or lagoons were observed at the Target Property.

#### 5.3.12. Stressed Vegetation

No evidence of stressed vegetation was observed at the Target Property.

#### 5.3.13. Solid Waste

Household trash disposal for the subject property is stored in an onsite dumpster located adjacent to the garage building.

A significant amount of solid waste and building material debris is located among the dilapidated former boiler room and kiln drying bays located to the south of the Main Mill building and

adjoining the Paran Creek. No other evidence of solid waste was observed at the Target Property.

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## 6.0 INTERVIEWS

### 6.1. User and Key Target Property Manager

Weston & Sampson identified Ms. Patricia Pedreira, president and co-owner of the CEDC and co-founder of the VT Arts Exchange as contact for the Target Property. Ms. Pedreira completed the User Questionnaire for the interview process. The User Questionnaire is discussed in Section 3.0 and included in **Appendix B**.

### 6.2. Government Offices

Weston & Sampson conducted interviews and/or file reviews at the following Town of Bennington municipal offices:

- Office of the Town Clerk
- Planning and Zoning
- Volunteer Fire Department
- Department of Public Works

Information obtained from these government offices is discussed in Section 4.2 and throughout the report.

### 6.3. Occupants and Others

The building is currently occupied by the VT Arts Exchange. Ms. Patricia Pedreira was interviewed as co-owner of the CEDC and completed the ASTM Environmental Site Assessment Transaction Screen Questionnaire included in **Appendix B**. Ms. Pedreira has been involved with the Target Property since purchasing the property in December 1993.

Ms. Pedreira reported that the recommendations related to the business environmental risks in identified the 1993 Phase I ESA report were completed as part of the purchase of the property and included the removal of a 575-gallon underground storage tank on the west side of the mill building and removal and disposal of several small containers of cutting oil and cutting oil impacted absorbent material from the Butler Building by the CEDC and a hazardous waste hauler. Ms. Pedreira was not aware of any other use, storage or release of hazardous materials at the Target Property, other than fuel oil stored in the ASTs in the utility room of the first floor of the main mill building and in the inactive AST in the shed adjacent to the former boiler building.

One family occupies the one residential living unit on the second floor of the Main Mill Building. The residential occupant was not available to be interviewed as part of this assessment.

Weston & Sampson interviewed Mr. Anthony Cook former occupant of the Butler Building and owner/operator of Classic Metal Restorations which was listed as a RCRA NonGen and FINDS site during review of the regulatory data base search. Mr. Cook indicated that he operated his business in a portion of the Butler Building at the Target Property for a five month period in 2004-2005. According to Mr. Cook, business activities at this site consisted of sandblasting of old car parts and no plating took place at this site.

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## 7.0 BUILDING MATERIALS ASSESSMENT

CPAI conducted a screening assessment of lead paint and asbestos in building materials as at the Site. Copies of the CPAI reports including suspect materials locations are included as **Appendix L**.

### 7.1. Asbestos Containing Building Materials

CPAI performed an asbestos materials screening on September 30, 2014. Asbestos screening activities were limited to visual inspection of accessible suspect asbestos containing building materials. Materials suspected of containing asbestos include: roofing, corrugated pipe insulation, linoleum floor covering and window glazing. The complete CPAI report including recommendations is provided in **Appendix L**.

### 7.2. Lead

CPAI performed a lead-based paint screening at the Site on September 30, 2014. Lead-based paint was detected on/within the facility paint associated with exterior door and window casings and some wall locations. The complete CPAI lead-based paint inspection report is provided in **Appendix L**.

## 8.0 DATA GAPS

All AAI reports must include an identification of “significant” data gaps (as defined in § 312.20 of AAI final rule and § 12.7 of ASTM E1527-13), if any, in the information collected for the inquiry. Significant data gaps include missing or unattainable information that affects the ability of the environmental professional to identify conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in or to the Target Property. The documentation of significant data gaps must include information regarding the significance of these data gaps.

Due to the hazardous conditions of the severely dilapidated buildings associated with the former boiler room, AST storage, and drying kiln structures, Weston & Sampson was not able to inspect these areas. Based on the historical uses of these areas for textile fabrication and fuel oil storage the lack of access to these areas would significantly affect the ability of Weston & Sampson to identify recognized environmental conditions in connection with the Target Property and as such this is considered a significant data gap.

Additionally, Weston & Sampson did not have access to the interior of the attic space (no ladder) in the garage building or the Main Mill elevator room (locked) during the September 23, 2014 Target Property reconnaissance. We do not believe the inability to view these areas result in a significant data gap regarding determination of potential RECs.

Additionally, overgrown tall grass and shrubs limited clear viewing of the ground surface of the outlying areas to the east and south of the Main Mill building limiting observations of staining on the ground surface or stressed vegetation. However, review of historical aerial photographs and descriptions of the Target Properties gleaned from interviews did not reveal adverse conditions. It is Weston & Sampson’s opinion that the tall grass and shrub cover did not impact our ability to assess RECs at the Site.

Data failure was encountered during historic use source review related to the “5 year interval” and review to first development of the Target Property. This does not represent a significant data gap as the historic sources available clearly indicate continuity of the manufacturing use from 1811 to 1994. Use activities since 1994 were well defined through use of the historic sources and interviews.

No other significant data gaps, as defined by ASTM Practice E 1527-13, were noted during the Site reconnaissance and records review that would significantly affect the ability of Weston & Sampson to identify recognized environmental conditions in connection with the Target Property.

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## 9.0 FINDINGS

Weston & Sampson was contracted on behalf of the Bennington County Regional Commission (BCRC) and for the reliance of the Community Exchange and Development Corporation of North Bennington, Vermont to perform a Phase I Environmental Site Assessment (ESA) of the former Sage Street Mill property located at 29 Sage Street (the Target Property) in the Village of North Bennington, Vermont. This ESA was performed in accordance with ASTM Standard E1527-13, and to meet EPA's All Appropriate Inquiry (AAI) requirements.

Findings of the Phase I ESA are as follows:

- The Target Property consists of one parcel containing the Former Sage Street Mill which has been renovated for use by the VT Arts Exchange and one residential unit.
- Historic records research, photographs, and local interviews with those knowledgeable about the Target Property, indicate the onsite buildings were first built around 1811 and with the exception of a 1913 fire the property has undergone minimal changes since that time. The Target Property was utilized as a manufacturing facility for clothes, toys, mirrors, furniture and stainless steel ball valves from the 1880s through 1994.
- Several properties in the vicinity of the Target Property have been identified in state and federal database review as hazardous sites. However, the identified sites are not likely to pose a material threat to the subsurface conditions of the Target Property based upon the current regulatory status of the sites, the characteristics of the contaminants present, and/or subsurface migration of the identified contaminants towards the Target Property is impeded by hydrogeologic connectivity/gradient. As such these sites do not represent an REC.
- Historical Sanborn Maps show a gasoline underground storage tank (UST) on the west side of the Target Property. This UST was removed in 1994 and review of the UST closure report indicates that no evidence of a release associated with this UST was observed. This historic use is not deemed to be an REC.
- A screening of building materials revealed the likely presence of asbestos and lead paint containing building materials.

## 10.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice 1527 of 29 Sage Street in North Bennington, Vermont, the Target Property. Any exceptions to, or deletions from, this practice are described in Section 12 of this report.

This Phase I ESA has identified the following Recognized Environmental Condition (REC) in connection with the Target Property:

- 1.) The Target Property has been in near continuous use an industrial manufacturing facility since the early 1800's. Manufacturing uses have included cotton and cloth weaving and fabricating, wood furniture, mirror and toy finishing, and ball valve manufacture and metal fabrication. Potential contaminants of concern associated with these uses include: Heavy metals, polychlorinated biphenyls (PCBs), and volatile organic compounds (VOCs). Weston & Sampson is of the opinion that the documented historical site uses have a significant potential to pose a material threat to the environmental at the Target Property and as such is an REC.
- 2.) An in-active 10,000 gallon above ground storage tank (AST) is located on the southern portion of the property and is contained in a decrepit building located adjacent to the Paran Creek. The tank has been out of use for over 20 years and is believed to contain an unknown amount of #6 heating oil. Weston & Sampson is of the opinion that the inactive AST poses a material threat to the subsurface conditions of the Target Property and as such is considered an REC.
- 3.) The floor drain in the Butler Building is deemed an REC.

## 11.0 RECOMMENDATIONS

Based on the findings and conclusions of our assessment, Weston & Sampson makes the following recommendations:

- 1.) The potential environmental impacts associated with the RECs listed above are unknown at this time. Weston & Sampson recommends a Phase II Environmental Site Assessment to clarify and characterize REC related contaminant impacts, if any at the Target Property.
- 2.) The out of service 10,000 gallon fuel oil AST should be properly decommissioned. This work should include the cutting, cleaning, and removal of the AST, proper disposal of any remaining heating oil, and completion of a closure assessment in accordance with VTDEC guidelines.
- 3.) The floor drains located in the first floor of the building should be properly closed/sealed in order to comply with state and federal underground injection control regulations.
- 4.) Prior to renovation or demolition of any building on the property appropriate sampling of suspect asbestos, lead and PCB containing materials must occur.

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## 12.0 LIMITATIONS

This report was prepared exclusively for the Bennington County Regional Commission (BCRC) and Ms. Patricia Pedreira. Information provided by Weston & Sampson in this report is based solely on the information reported in this document. Future investigations and/or information that was not available to Weston & Sampson at the time of the investigation may result in a modification of the findings stated in this report.

Should additional information become available concerning this Target Property, or neighboring properties that could directly impact the Target Property in the future, that information should be made available to Weston & Sampson for review so that, if necessary, conclusions presented in this report may be modified. The conclusions of this report are based on conditions observed at Target Property by Weston & Sampson personnel at the time of the investigation, information provided by EDR, and information provided by federal, state, and local agencies. This report has been prepared in accordance with generally accepted engineering and geological practices. No other warranty, express or implied, is made.

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**Phase I Environmental Site Assessment  
Revision 1**

January 13, 2015

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**Former Sage Street Mill**  
29 Sage Street – North Bennington, Vermont

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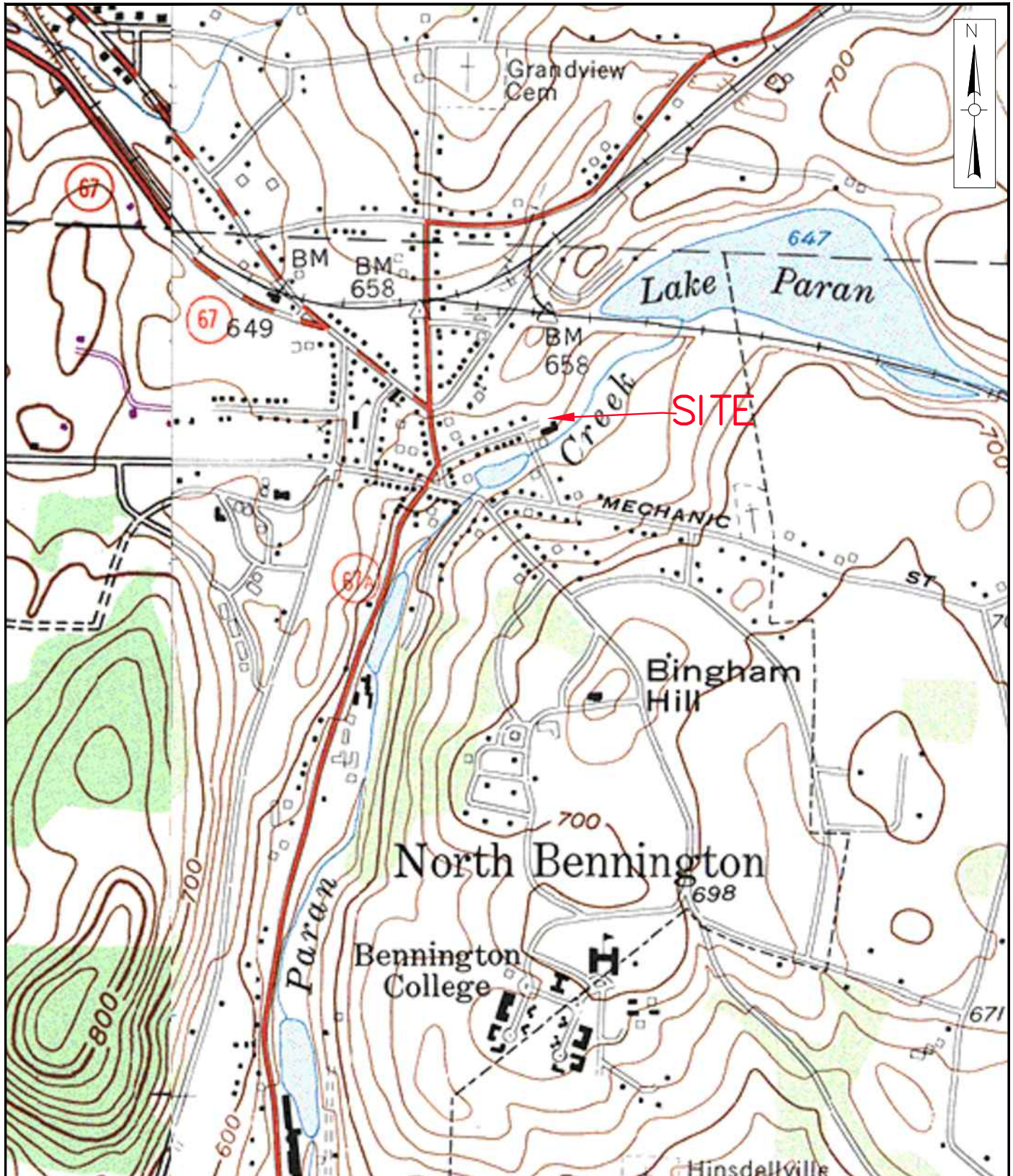
**Prepared for:**

Bennington County Regional Commission  
111 South Street, Suite 203  
Bennington, VT 05201

**Weston&Sampson**

Weston & Sampson Engineers, Inc.  
98 South Main Street  
Waterbury, VT 05676  
[www.westonandsampson.com](http://www.westonandsampson.com)  
Tel: 802-244-5051  
Fax: 802-244-8505

# FIGURES



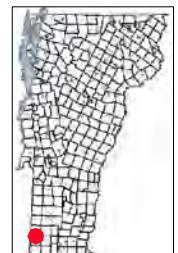
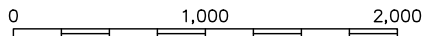
DATA SOURCES:

Printed from TOPO! (c) Wildflower Productions, 1999, www.topo.com

FIGURE 1  
SITE LOCUS MAP

29 SAGE STREET  
NORTH BENNINGTON, VERMONT

SCALE: 1"=1,000'

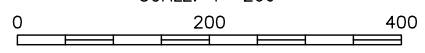
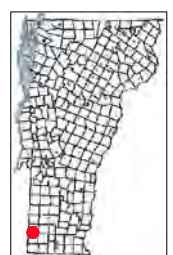


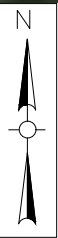


SITE

DATA SOURCES:  
Printed from Vermont Natural  
Resource Atlas September 30, 2014.

FIGURE 2  
AERIAL MAP  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT  
SCALE: 1"=200'

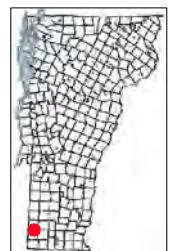
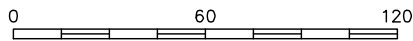




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DATA SOURCES:  
Printed from Vermont Natural  
Resource Atlas September 30, 2014.

FIGURE 3  
SITE SKETCH  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT  
SCALE: 1"=60'



# APPENDIX A

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #1 Target Property from Sage Street entrance - View to southeast.



Photo #2  
Target Property from North Street - View to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #3 View of former boiler building and south side of Main Mill building – View to east



Photo #4 View of interior of former boiler building- view to south.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**

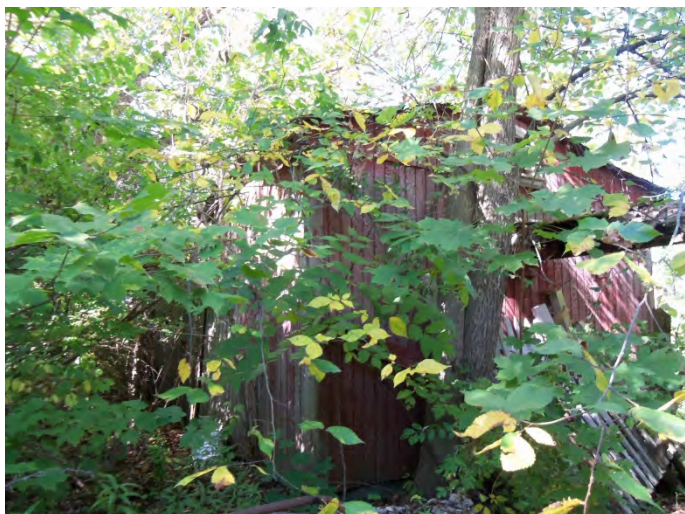


Photo #5 View of 10-000 gal. AST shed building - View to west.



Photo #6 View of piping exiting AST shed building - View to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #1 View of courtyard and south side of Mill Building - view to east.



Photo #2 View of courtyard and former boiler building - view to west.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #7 View of former kiln drying buildings - view to south.



Photo #8 View of former kiln drying buildings (note suction/return lines) - view to south.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #9 View of east side of Butler building from dirt parking area - view to west.



Photo #10 View abandoned 55-gal. drum on north side of Butler building - view to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #11 View of interior of cold storage space in Butler building- View to west.



Photo #12 View of floor drain/sump inside Butler building - view to south.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**

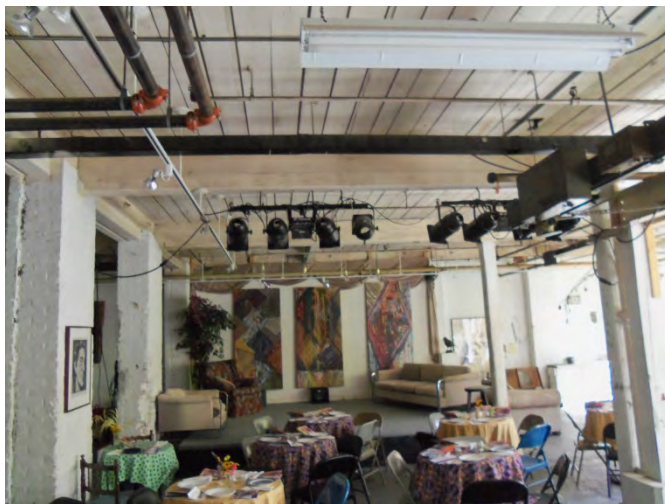


Photo #13 View of interior of first floor of Main Mill – View to east.



Photo #14 View of interior of first floor of Main Mill – View to south.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #15 View of overhead electrical infrastructure inside Main Mill building - view to east.

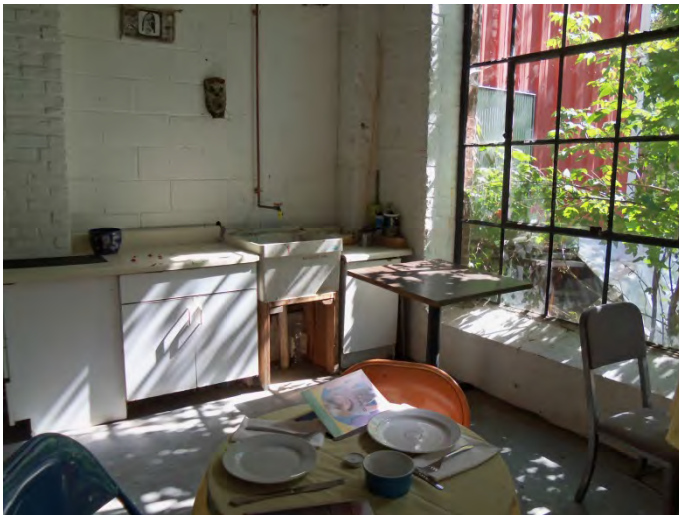


Photo #16 View of event space on first floor of Main Mill building. Note slop sink plumbed to floor drain - View to southeast

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #17 Interior of first floor studio space - view to southwest.



Photo #18 View of Interior of second floor studio space - view to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #19 View of paint and art supply storage in second floor studio space - view to east.



Photo #20 View of second floor studio space within Main Mill building - view to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #22 View of common areas inside Main Mill building - view to west.



Photo #23 View of former boiler room, smoke stack, and kiln bays from second floor of Main Mill building - view to south.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #24 View of former boiler room, smoke stack, and kiln bays from second floor of Main Mill building - view to south.

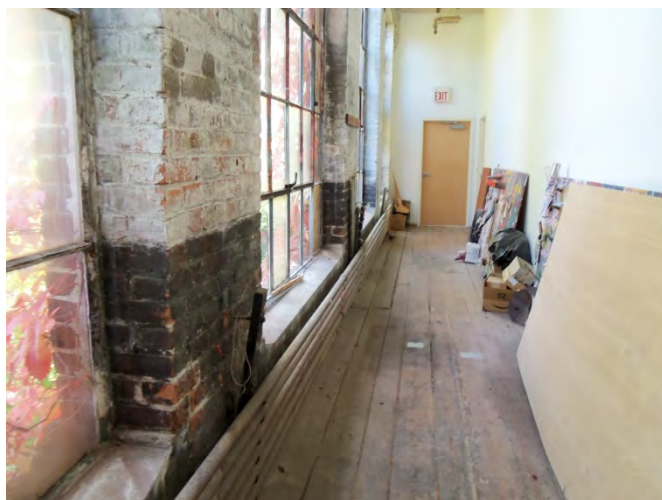


Photo #25 View of third floor unheated hallway access - view to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #26 View of third floor storage space - view to south.



Photo #27 View of former bay door on third floor storage space - view to south.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**

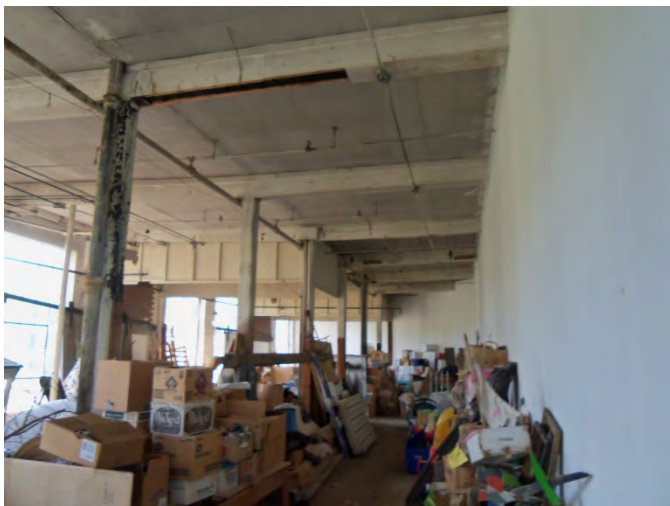


Photo #28 View of third floor storage space - view to west



Photo #29 View of remaining foundation of dry storage building on north side of Main Mill building - view to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #30 View of Garage building from parking lot - View to north.



Photo #31 View of back (north) side of Garage building - View to south.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #32 View of interior of cold storage Garage bay – View to north.



Photo #33 View of 275-gallon AST inside attached shed on north side of Garage building – View to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #34 View of front (north) side of Main Mill building and parking area – View to east.



Photo #35 View of front (north) side of Main Mill building and parking area and main access to property – View to west.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #36 View of recreation space on northeast corner of property - View to east.



Photo #37 View of Main Mill building and parking area and main access to property from Sage Street – View to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #38 View of adjoining properties to west - View to west.



Photo #39 View of adjoining properties to west and south - View to west.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
29 SAGE STREET  
NORTH BENNINGTON, VERMONT**



Photo #40 View of adjoining properties to west and south - View to north.

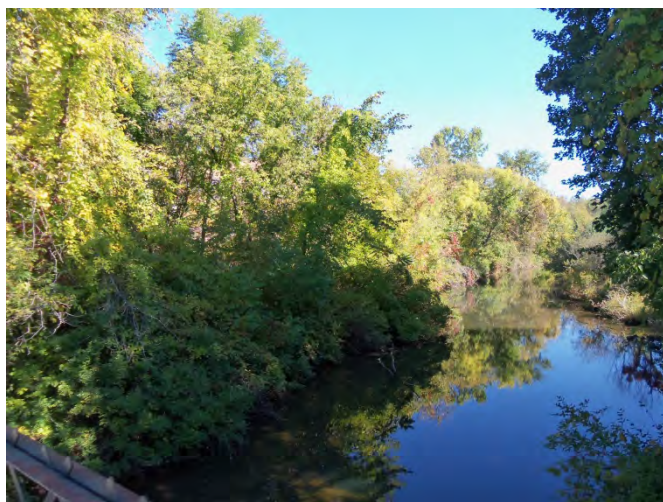


Photo #41 View of Paran Creek, adjoining property to south - View to east.

# APPENDIX B

## AAI – USER QUESTIONNAIRE

FOR

29 Sage Street – North Bennington, Vermont

In order to receive CERCLA liability protection, the *user*<sup>1</sup> must provide the following information (if available). Failure to provide this information could result in the determination that “all appropriate inquiry” was not complete.

**1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).**

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

- Yes  
 No  
 Unknown

If yes, please describe (attach a separate piece of paper if necessary).

**2. Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).**

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

- Yes  
 No  
 Unknown

If yes, please describe.

**3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).**

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of

---

<sup>1</sup> The party seeking to complete an AAI to receive CERCLA liability protection

business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

- Yes
- No
- Unknown

If yes, please describe.

**4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).**

?

*2 questions, confusing*

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

*yes* ~~no~~ *→*

- Yes
- No
- Unknown

If yes, please describe.

**5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).**

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user, (a.) Do you know the past uses of the property? (b.) Do you know of specific chemicals that are present or once were present at the property? (c.) Do you know of any spills or other chemical releases that have taken place at the property? (d.) Do you know of any environmental cleanups that have taken place at the property?

- Yes
- No
- Unknown

*There was a comprehensive level 1 environmental assessment and clean-up of property in 1996-98 through a grant awarded to Village of NB. The project was managed by BCRC staff Nate Williams. Volunteers + owners cleaned up facility + the materials were disposed of in accordance w/ recommendations.*

If yes, please describe.

Initials: JAR

**5. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

- Yes
- No
- Unknown

If yes, please describe.

9/22/14  
Date

[Signature]  
Signature

## DOCUMENTS REQUEST

FOR

29 Sage Street – North Bennington, Vermont

Please indicate if you have in your possession or know of the availability of the following documents pertaining to the Site. It would be helpful to review the available documents at the beginning of the Site visit if they are available.

- 1. Environmental Site Assessment Reports: I have requested a copy of the Phase 1 environmental assessment completed between 1996-1998 through a grant to the VNB received that was administered and managed by BCRC**

Yes  
 No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

- 2. Environmental Compliance Reports**

Yes  
 No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

- 3. Environmental Permits**

For example: solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits.

Yes possibly with ESA  
 No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

- 4. Registrations for underground or above ground storage (fuel or chemical) tanks.**

Yes  
 No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**5. Registrations for underground injection systems.**

- Yes
- No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**6. Material Data Sheets.**

- Yes
- No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**7. Community right-to-know plan.**

- Yes
- No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**8. Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans: facility response plans.**

- Yes
- No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**9. Hydrogeologic investigation reports.**

- Yes *See # 1*
- No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**10. Notices of violations of environmental laws with respect to the property or relating to environmental liens encumbering the property.**

Yes  
 No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**11. Hazardous waste generator notices or reports.**

Yes  
 No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**12. Geotechnical studies.**

Yes *See # 1*  
 No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**13. Risk assessments.**

Yes *See # 1*  
 No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

**14. Recorded AULs (activity and use limitations)**

Yes  
 No

If yes, please list (attach a separate piece of paper if necessary) and indicate if copies are, or will be made, available.

Date 9/22/14

Signature 



# ENVIRONMENTAL SITE ASSESSMENT TRANSACTION SCREEN QUESTIONNAIRE

This document is an excerpt of Practice E1528-06: Standard Practice for Environmental Site Assessments: Transaction Screen Process, which is under the jurisdiction of ASTM Committee E50 on Environmental Assessment as is the direct responsibility of Subcommittee E50.02 on Commercial Real Estate Transactions. This questionnaire represents only Sections 5 and 6 of Practice E 1528-06 and should not be construed as being the complete standard. It is necessary to refer to the full standard prior to using this questionnaire. COPYRIGHT © 2006 ASTM INTERNATIONAL, West Conshohocken, PA. Prior edition copyrighted 2000. Stock # ADJE152806. For the complete standard, or to order additional copies of this questionnaire, contact ASTM Customer service at (610) 832-9585.

## 5. Introduction to Transaction Screen Questionnaire

5.1 *Process*--The *transaction screen process* consists of asking questions contained within the *transaction screen questionnaire* of owners and occupants of the *property*, observing site conditions at the property with direction provided by the *transaction screen questionnaire*, and, to the extent *reasonably ascertainable*, conducting limited research regarding certain government records and certain standard historical sources. The questions asked of owners are the same questions as those asked of occupants.

5.2 *Guide*--The *transaction screen questionnaire* is followed by a guide designed to assist the person completing the *transaction screen questionnaire*. The guide to the *transaction screen questionnaire* is set out in Sections 7-10 of this practice. The guide is divided into three sections: Guide for Owner/Occupant Inquiry, Guide to Site Visit, and Guide to Government Records/Historical Sources Inquiry.

5.2.1 To assist the *user*, its employee or agent, or the preparer in preparing a report, the guide repeats each of the questions set out in the *transaction screen questionnaire* in both the guide for owner/occupant inquiry and the guide to *site visit*. The questions regarding government records/historical sources inquiry are also repeated in the guide to that section.

5.2.2 The guide also describes the procedures to be followed to determine if reliance upon the information in a prior *transaction screen* is appropriate under this practice.

5.2.3 A *user*, his employee or agent, or preparer conducting the *transaction screen process* should not use the *transaction screen questionnaire* without reference to or without familiarity with the guide based on prior use of the guide.

5.3 The *user* may either conduct the *transaction screen process*, or delegate it to an employee or agent or may contract with a third party to prepare the questionnaire on behalf of the *user*. No matter who prepares the questionnaire, the *user* remains responsible for the decision to conduct limited environmental *due diligence* and the impact of that decision on risk management.

5.4 The preparer conducting the *transaction screen process* should use good faith efforts in determining answers to the questions set forth in the *transaction screen questionnaire*. The *user* should take time and care to check whatever records are in the *user's* possession and forward relevant information or specialized knowledge to the preparer.

5.5 *Knowledge*--All answers should be given to the best of the owner's or occupant's knowledge. The most knowledgeable person available should be chosen to answer the questions.

5.5.1 While the person conducting the *transaction screen* has an obligation to ask the questions in the *transaction screen questionnaire*, others may have no obligation to answer them.

5.5.2 The *transaction screen questionnaire* and the *transaction screen guide* sometimes include the phrase "to the best of your knowledge." This phrase does not impose a constructive knowledge standard. It is intended as an assurance to the person being questioned that he or she is not obligated to search out information he or she does not currently have in order to answer the particular question.

5.6 *Conclusions Regarding Affirmative or Unknown Answers*--Once a *transaction screen questionnaire* has been completed, it shall be presented to the user. Subject to 5.6 through 5.7, an affirmative, unknown, or no response is presumed to be a *potential environmental concern*. If any of the questions set forth in the *transaction screen questionnaire* are answered in the affirmative, the preparer must document the reason for the affirmative answer. If any of the questions are not answered or the answer is unknown, the *user* should document such nonresponse or answer of unknown and evaluate it in light of the other information obtained in the *transaction screen process*, including, in particular, the site visit and the government records/historical sources inquiry. If the *user* decides no further inquiry is warranted after receiving no response, an answer of unknown, or an affirmative answer, the *user* must document the reasons for any such conclusion.

5.6.1 Upon obtaining an affirmative answer, an answer of unknown or no response, the *user* should first refer to the guide. The guide may provide sufficient explanation to allow a *user* to conclude that no further inquiry is appropriate with respect to the particular question.

5.6.2 If the guide to a particular question does not, in itself, permit a user to conclude that no further inquiry is appropriate, then the user should consider other information obtained from the *transaction screen process* relating to this question. For example, while on the site performing a *site visit*, a person may find a storage tank on the *property* and therefore answer Question 10 of the *transaction screen questionnaire* in the affirmative. However, during or subsequent to the owner/occupant inquiry, the owner may establish that substances now or historically contained in the tank (for example, water) are not likely to cause contamination.

5.6.3 If either the guide to the question or other information obtained during the *transaction screen process* does not permit a *user* to conclude no further inquiry is appropriate with respect to such question, then the user must determine, in the exercise of the *user's* reasonable business judgment, based upon the totality of unresolved affirmative answers or answers of unknown received during the *transaction screen process*, whether further inquiry may be limited to those specific issues identified as of concern.

5.7 *Presumption*--A presumption exists that further inquiry is necessary if an affirmative answer is given to a question or because the answer was unknown or no response was given. In rebutting this presumption, the *user* should evaluate information obtained from each component of the *transaction screen process* and consider whether sufficient information has been obtained to conclude that no further inquiry is necessary. The *user* must determine, in the exercise of the *user's* reasonable business judgment, the scope of such further inquiry.

5.8 *Further Inquiry*--Upon completing the *transaction screen questionnaire*, if the *user* concludes that further inquiry or action is needed (for example, consult with an environmental consultant, contractor, governmental authority, or perform additional governmental and/or historical records review), the *user* should proceed with such inquiry. (Note that if the *user* determines to proceed with a Phase I Environment Site Assessment, the *user* may apply the current Practice E 1527 or alternatively the provisions of EPA's regulation "Standards and Practices for All Appropriate Inquiries," 40 C.F.R. Part 312.)

5.9 *Signature*--The user and the preparer of the *transaction screen questionnaire* must complete and sign the questionnaire as provided at the end of the questionnaire.

**6. Transaction Screen Questionnaire**

6.1 *Persons to Be Questioned*-The following questions should be asked of (1) the current owner of the *property*, (2) any major occupant of the *property* or, if the *property* does not have any *major occupants*, at least 10 % of the occupants of the *property*, and (3) in addition to the current owner and the occupants identified in (2), any *occupant* likely to be using, treating, generating, storing, or disposing of *hazardous substances* or *petroleum products* on or from the *property*. A major occupant is any *occupant* using at least 40 % of the leasable area of the *property* or any anchor tenant when the *property* is a

shopping center. In a multifamily *property* containing both residential and commercial uses, the *preparer* does not need to ask questions of the residential *occupants*. The *preparer* should ask each person to answer all questions to the best of the respondent's *actual knowledge* and in good faith. When completing the *site visit* column, the *preparer* should be sure to observe the *property* and any buildings and other structures on the *property*. The guide to this *transaction screen questionnaire* (see Sections 7-10) provides further details on the appropriate use of this questionnaire. (See Note 2.)  
NOTE 2-Unk = "unknown" or "no response."

Description of Site Address:

Former Sage Street Mill - 29 Sage Street - North Bennington, VT

Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
1a. Is the property used for an industrial use?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
1b. Is any adjoining property used for an industrial use?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input checked="" type="radio"/>	No <input type="radio"/>	The mill was used for industrial uess by previous owners.
2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
4a. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
4b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
6a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input checked="" type="radio"/>	No <input type="radio"/>	One 55- gal, drum of unknown contents near Butler Building
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	

\* Unk = "unknown" or "no response"

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Question	Owner	Occupants (if applicable)	Observed During Site Visit	If yes, provide description
7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
9a. Is there currently any stained soil on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	Yes <input checked="" type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input checked="" type="radio"/> No <input type="radio"/>	Three active ASTs / one inactive 10,000 gal. AST
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input checked="" type="radio"/> No <input type="radio"/>	former 575-gallon UST removed in 1994
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environment health agency?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input checked="" type="radio"/>	
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15a. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15b. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15c. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		
15d. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/> Unk <input type="radio"/>		

Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>			level 1 environmental assessment administered by BCRC in 1994 found no significant contamination <input checked="" type="checkbox"/>
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>			
18a. Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
18b. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes <input type="radio"/>	No <input checked="" type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input type="radio"/>	Unk <input type="radio"/>	Yes <input type="radio"/>	No <input checked="" type="radio"/>	

**Government Records/Historical Sources Inquiry**  
(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the property or any property within the search distance noted below (where available):	Approximate Minimum Search Distance, miles (kilometres)	Yes <input type="radio"/>	No <input type="radio"/>	
Federal NPL site	1.0	<input type="radio"/>	<input type="radio"/>	
Federal Delisted NPL site	0.5	<input type="radio"/>	<input type="radio"/>	
Federal CERCLIS	0.5	<input type="radio"/>	<input type="radio"/>	
Federal CERCLIS NFRAP site	0.5	<input type="radio"/>	<input type="radio"/>	
Federal RCRA CORRACTS facilities	1.0	<input type="radio"/>	<input type="radio"/>	
Federal RCRA non-CORRACTS TSD	0.5	<input type="radio"/>	<input type="radio"/>	
Federal RCRA generators	property and adjoining properties	<input type="radio"/>	<input type="radio"/>	
Federal institutional control/engineering control registries	property only			
Federal ERNS	property only	<input type="radio"/>	<input type="radio"/>	
State and tribal lists of hazardous waste sites identified for investigation or remediation:				
State-and tribal-equivalent NPL	1.0	<input type="radio"/>	<input type="radio"/>	
State-and tribal-equivalent	0.5	<input type="radio"/>	<input type="radio"/>	
State-and tribal-landfill and/or solid waste disposal site lists	0.5	<input type="radio"/>	<input type="radio"/>	
State-and tribal-leaking storage tank lists	0.5	<input type="radio"/>	<input type="radio"/>	
State and tribal registered storage tank lists	property and adjoining properties	<input type="radio"/>	<input type="radio"/>	
State and tribal institutional control/engineering control registries	property only	<input type="radio"/>	<input type="radio"/>	
State and tribal voluntary cleanup sites	0.5	<input type="radio"/>	<input type="radio"/>	
State and tribal Brownfield sites	0.5	<input type="radio"/>	<input type="radio"/>	
22. Based upon a review of fire insurance maps (10.2.3) or local street directories (10.2.3), all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?		Yes <input type="radio"/>	No <input type="radio"/>	Unavailable <input type="radio"/>

**Result**

**The Owner questionnaire answers were provided was completed by:**

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Firm \_\_\_\_\_  
Address \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Date \_\_\_\_\_  
Role (s) at the site \_\_\_\_\_  
Number of years at the site \_\_\_\_\_  
Relationship to use (e.g. principal, employee, agent, consultant) \_\_\_\_\_

**The Occupant questionnaire answers were provided by:**

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Firm \_\_\_\_\_  
Address \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Date \_\_\_\_\_  
Role (s) at the site \_\_\_\_\_  
Number of years at the site \_\_\_\_\_  
Relationship to use (e.g. principal, employee, agent, consultant) \_\_\_\_\_

**The Site Visit questionnaire was completed by:**

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Firm \_\_\_\_\_  
Address \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Date \_\_\_\_\_  
Role (s) at the site \_\_\_\_\_  
Number of years at the site \_\_\_\_\_  
Relationship to use (e.g. principal, employee, agent, consultant) \_\_\_\_\_

*It is the user's responsibility to draw conclusions regarding affirmative or unknown answers.*

**The Government Records and Historical Sources Inquiry questionnaire was completed by:**

Name \_\_\_\_\_  
Title \_\_\_\_\_  
Firm \_\_\_\_\_  
Address \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Date \_\_\_\_\_  
Role (s) at the site \_\_\_\_\_  
Number of years at the site \_\_\_\_\_  
Relationship to use (e.g. principal, employee, agent, consultant) \_\_\_\_\_

**User's relationship to the site (for example, owner, prospective purchaser, lender, etc.)**

If the preparer (s) is different from the user, complete the following:

Name of User \_\_\_\_\_  
User's Address \_\_\_\_\_  
User's Phone Number \_\_\_\_\_

Copies of the completed questionnaires have been filed at:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Copies of the completed questionnaires have been mailed or delivered to:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.**

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

To order additional copies of this questionnaire,  
contact ASTM International, Customer Service.

phone: (610) 832-9585

fax: (610) 9555

e-mail: [service@astm.org](mailto:service@astm.org)



100 Barr Harbor Drive  
PO Box C700  
West Conshohocken, PA 19428-2959

# APPENDIX C

State of Vermont  
Department of Environmental Conservation  
Waste Management Division  
103 South Main Street/West Building  
Waterbury, VT 05671-0404  
(802) 241-3967  
FAX (802) 241-3296  
[patricia.coppolino@state.vt.us](mailto:patricia.coppolino@state.vt.us)

September 16, 2013

Christine Lombard  
U.S. EPA-New England  
5 Post Office Square, Suite 100 (OSRR07-2)  
Boston, MA 02109-3912

Re: Petroleum Eligibility Determination  
29 Sage Street, North Bennington, Vermont

Dear Ms. Lombard:

Based upon my review of the information available in state records, 29 Sage Street is eligible for petroleum funding as defined in the *FY 2013 Guidelines for Brownfields Assessment Grants*.

The following criteria were evaluated:

Please provide information for the following items:

1. Site Description. Identify
  - a.) name of the site: **Sage Street Mill Property**
  - b.) address of the site: **29 Sage Street, North Bennington, VT**
  - c.) whether this site is contaminated by petroleum or hazardous substances: **Unknown**
  - d.) operational history and current uses(s) of the site:

The site has been in mostly continual use as a manufacturing facility for over 100 years. The original factory manufactured cloth until that building burned down and was replaced with the existing brick mill and outbuildings. It was then used as a furniture and toy factory, and then used by the Arlin Brown Co. which manufactured ball valves and other metal fabrication from 1983-93. In 1993, the property was sold to Community Exchange and Development Corp. (CEDC), and developed by Patricia Pedreira and Matthew Perry as a multi-use property that also became the headquarters for the Vermont Arts Exchange (VAE). This historic multi-use facility remains in operation today.

- e.) environmental concerns, if known, at the site: **None known to date**

2. Previous Assessments. Explain the phase of assessment, if any, that has been completed to date. Provide dates of the assessment(s). **On October 30, 1993 groundwater samples were collected at the site. Analysis of the samples did not detect volatile organic compounds, polynuclear hydrocarbons or total petroleum hydrocarbons above the method detection limits.**

3. Areas of Concern. Identify how the site became contaminated and, to the extent possible, describe the nature and extent of the contamination. **There is a known 10,000 gallon AST on the property. A phase I will help to identify other potential issues.**

4. Site Owner. Identify the current and immediate past owner of the site.

Current owner: **Community Exchange and Development Corporation: 1993-present**

Immediate past owner: **Arlin Brown Co. 1983-1993**



5. Acquisition of site. Identify when and by what method the current owner acquired the property (e.g., purchase, tax foreclosure, donation, eminent domain). **The current owner purchased the site on December 1993.**

6. No Responsible Party for the Site. Identify whether the current and immediate past owner dispensed or disposed of petroleum or petroleum product, or exacerbated the existing petroleum-contamination at the site, and whether the current and immediate past owner took reasonable steps with regard to the contamination at the site. **The current and immediate past owner did not operate or disperse petroleum products at the site.**

7. Cleaned Up by a Person Not Potentially Liable. Identify whether the applicant dispensed or disposed of petroleum or petroleum product, or exacerbated the existing petroleum contamination at the site, and whether you took reasonable steps with regard to the contamination at the site. **The applicant, BCRC, has not contributed to any potential contamination onsite.**

8. Relatively Low Risk. Identify whether the site is of “relative low risk” compared to other petroleum or petroleum product-only contaminated sites in the state in which the site is located, including whether the site is receiving or using Leaking Underground Storage Tank (LUST) Trust Fund monies. **LOW**

9. Judgments, Orders, or Third Party Suits. Provide information that no responsible party is identified for the site through, either:

- a. A judgment rendered in a court of law or an administrative order that would require any person to assess, investigate, or clean up the site; or
- b. An enforcement action by federal or state authorities against any party that would require any person to assess, investigate, or clean up the site; or
- c. A citizen suit, contribution action or other third party claim brought against the current or immediate past owner, that would, if successful, require the assessment, investigation, or cleanup of the site.

**There are no judgments, order, or third party suits at this site.**

10. Subject to RCRA. Identify whether the site is subject to any order under section 9003(h) of the Solid Waste Disposal Act. **NO**

11. Subject to CERCLA. Affirm that the site is a.) not listed or proposed for listing on the National Priorities List; b.) not subject to unilateral administrative orders, court orders, administrative orders on consent, or judicial consent decrees issued to or entered into by parties under CERCLA; and c.) not subject to the jurisdiction, custody, or control of the United States government. **NO**

12. Financial Viability of Responsible Parties. For any current or immediate past owners identified as responsible for the contamination at the site, provide information regarding whether they have the financial capability to satisfy their obligations under federal or state law to assess, investigate, or clean up the site.

**There are no responsible parties for this site.**

Sincerely,



Patricia Coppolino  
Brownfields Program Manager

Cc: Jim Henderson, BCRC (electronically)  
Sarah Bartlett, VTDEC (electronically)

# APPENDIX D

**29 Sage Street**

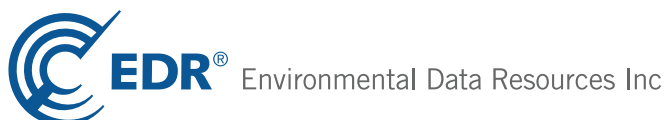
29 Sage Street

North Bennington, VT 05257

Inquiry Number: 4071125.2s

September 19, 2014

# The EDR Radius Map™ Report with GeoCheck®



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.

### Disclaimer - Copyright and Trademark Notice

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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

29 SAGE STREET  
NORTH BENNINGTON, VT 05257

#### COORDINATES

Latitude (North): 42.9300000 - 42° 55' 48.00"  
Longitude (West): 73.2391000 - 73° 14' 20.76"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 643696.6  
UTM Y (Meters): 4754331.0  
Elevation: 623 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42073-H2 BENNINGTON, VT  
Most Recent Revision: 1954  
  
West Map: 42073-H3 HOOSICK FALLS, NY VT  
Most Recent Revision: 1980

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120807, 20110512  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
CLASSIC METAL RESTORATIONS 29 SAGE ST BENNINGTON, VT 05257	RCRA NonGen / NLR	VTR000511667
CLASSIC METAL RESTORATIONS 29 SAGE ST BENNINGTON, VT 05257	FINDS	N/A
29 SAGE 29 SAGE NORTH BENNINGTON, VT 05257	EDR US Hist Auto Stat	N/A

# EXECUTIVE SUMMARY

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

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

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

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

VT SHWS..... Sites Database

# EXECUTIVE SUMMARY

## ***State and tribal landfill and/or solid waste disposal site lists***

VT SWF/LF..... Landfills and Transfer Stations

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

VT LUST..... Sites Database

VT LAST..... Sites Database

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

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

VT AST..... Above Ground Storage Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

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

VT ENG CONTROLS..... Engineering Controls Site Listing

VT INST CONTROL..... Institutional Control Sites Listing

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

INDIAN VCP..... Voluntary Cleanup Priority Listing

## ***State and tribal Brownfields sites***

VT BROWNFIELDS..... Brownfields Site List

## **ADDITIONAL ENVIRONMENTAL RECORDS**

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

US BROWNFIELDS..... A Listing of Brownfields Sites

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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

US CDL..... Clandestine Drug Labs

US HIST CDL..... National Clandestine Laboratory Register

### ***Local Land Records***

LIENS 2..... CERCLA Lien Information

### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System

## EXECUTIVE SUMMARY

VT SPILLS..... Sites Database  
VT SPILLS 90..... SPILLS 90 data from FirstSearch  
VT SPILLS 80..... SPILLS 80 data from FirstSearch

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

DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites  
US MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
SSTS..... Section 7 Tracking Systems  
ICIS..... Integrated Compliance Information System  
PADS..... PCB Activity Database System  
MLTS..... Material Licensing Tracking System  
RADINFO..... Radiation Information Database  
RAATS..... RCRA Administrative Action Tracking System  
RMP..... Risk Management Plans  
VT UIC..... Underground Injection Wells Listing  
VT DRYCLEANERS..... Drycleaner Facilities List  
VT NPDES..... Inventory of NPDES Permits  
VT AIRS..... Permitted AIRS Facility Listing  
VT TIER 2..... Tier 2 Data Listing  
INDIAN RESERV..... Indian Reservations  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
VT Financial Assurance..... Financial Assurance Information Listing  
2020 COR ACTION..... 2020 Corrective Action Program List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
LEAD SMELTERS..... Lead Smelter Sites  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
US FIN ASSUR..... Financial Assurance Information  
PRP..... Potentially Responsible Parties  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
EPA WATCH LIST..... EPA WATCH LIST

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

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

EDR MGP..... EDR Proprietary Manufactured Gas Plants  
EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

### **EDR RECOVERED GOVERNMENT ARCHIVES**

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

VT RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

## EXECUTIVE SUMMARY

VT RGA LF..... Recovered Government Archive Solid Waste Facilities List  
VT RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

### 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 RCRA generators list***

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA-CESQG site 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>
<b><i>PAULIN CORP</i></b>	<b><i>MAIN &amp; BANK ST</i></b>	<b><i>W 1/8 - 1/4 (0.175 mi.)</i></b>	<b><i>B5</i></b>	<b><i>10</i></b>

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

VT UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's State of Vermont Underground Storage Tank Database.

A review of the VT UST list, as provided by EDR, and dated 08/11/2014 has revealed that there are 2 VT 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>
FELS RESIDENCE	9 HOUGHTON STREET NORTHWNW	1/8 - 1/4 (0.143 mi.)	4	9
NORTH VILLAGE LAUNDRY	2 BANK STREET	W 1/8 - 1/4 (0.177 mi.)	B6	13

## EXECUTIVE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORDS

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

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA NonGen / NLR 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>
CHEMFAB CORP	13 WATER ST	WSW 1/8 - 1/4 (0.222 mi.)	8	19

VT MANIFEST: Hazardous waste manifest information.

A review of the VT MANIFEST list, as provided by EDR, and dated 03/27/2014 has revealed that there is 1 VT MANIFEST site 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>
<b>PAULIN CORP</b>	<b>MAIN &amp; BANK ST</b>	<b>W 1/8 - 1/4 (0.175 mi.)</b>	<b>B5</b>	<b>10</b>

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 03/27/2014 has revealed that there is 1 NY MANIFEST site 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>
<b>PAULIN CORP</b>	<b>MAIN &amp; BANK ST</b>	<b>W 1/8 - 1/4 (0.175 mi.)</b>	<b>B5</b>	<b>10</b>

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US

## EXECUTIVE SUMMARY

Hist Auto Stat site within approximately 0.25 miles of the target property.

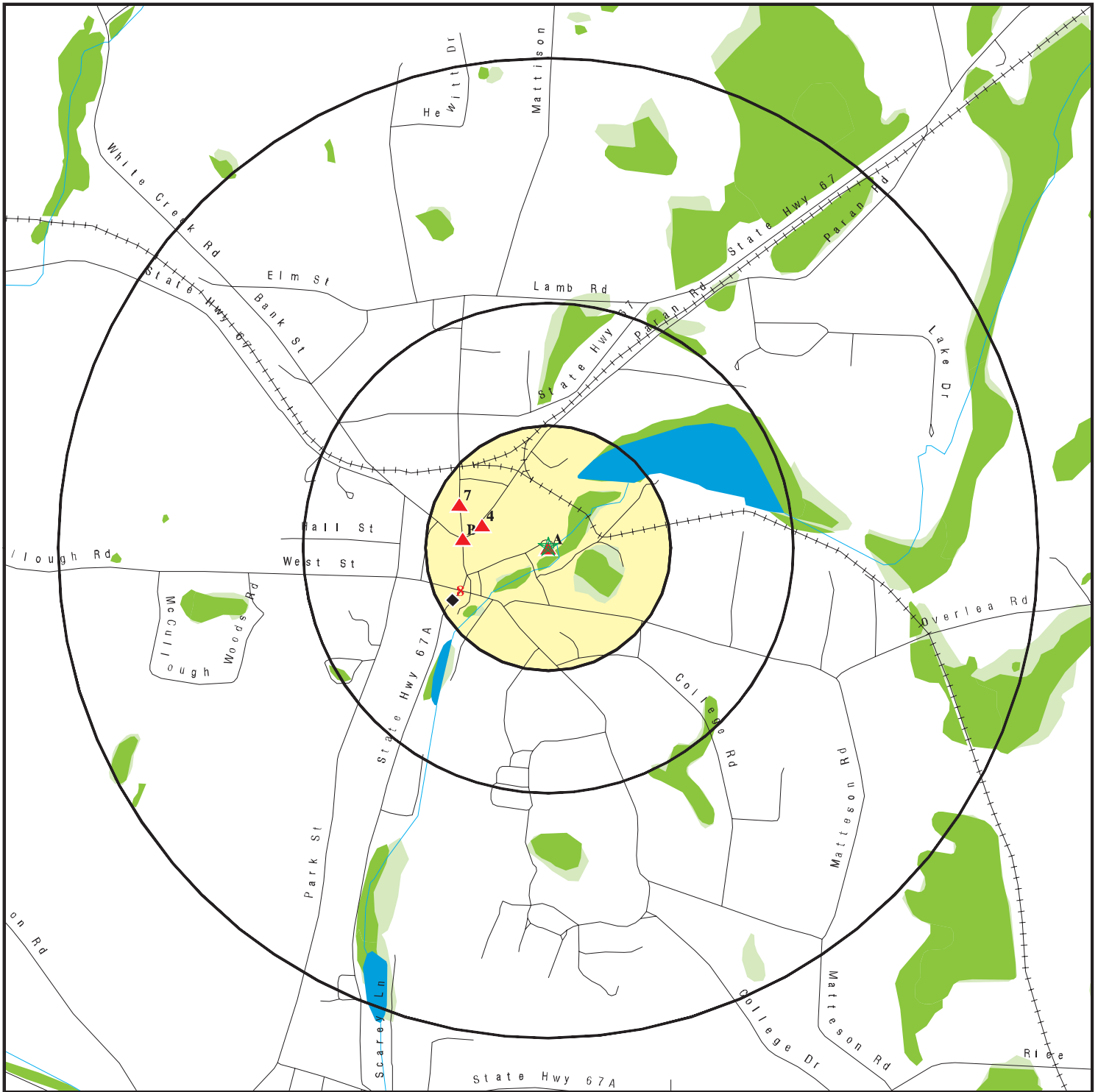
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	38 MAIN	WNW 1/8 - 1/4 (0.202 mi.)	7	18

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
JOHNSON CONTROLS BATTERY GROUP INC	CERC-NFRAP, RCRA NonGen / NLR
EAGLE SQUARE	CERC-NFRAP
CLIFFSIDE MOTOR INN INC	VT UST
STANLEY TOOLS EAGLE SQUARE PLANT	VT UST
BETS TRUCK LEASING INC	VT UST
PAULIN INC	VT UST
PAULIN INC	VT UST
WILLIAM E DAILEY YARD	VT UST
WILLIAM E DAILEY INC GARAGE	VT UST
BENNINGTON WATER FILTRATION PLANT	VT UST
PROSPECT MOUNTAIN SKI AREA	VT UST
WHISPERING PINES APARTMENTS	VT UST
BERNSTEIN DISPLAY	RCRA-SQG, RAATS, NJ MANIFEST, NY MANIFEST
BETS TRUCK LEASING INC	RCRA NonGen / NLR
BIG BOYS TOYS	RCRA NonGen / NLR
HEMMINGS MOTOR NEWS	RCRA NonGen / NLR
MERRILL TRANSPORT CO	RCRA NonGen / NLR, FINDS
DAILEY WM E INC	RCRA NonGen / NLR
PIKE IND INC	RCRA NonGen / NLR
NEW COUNTRY BENNINGTON AUTO PARK	NY MANIFEST

# OVERVIEW MAP - 4071125.2S



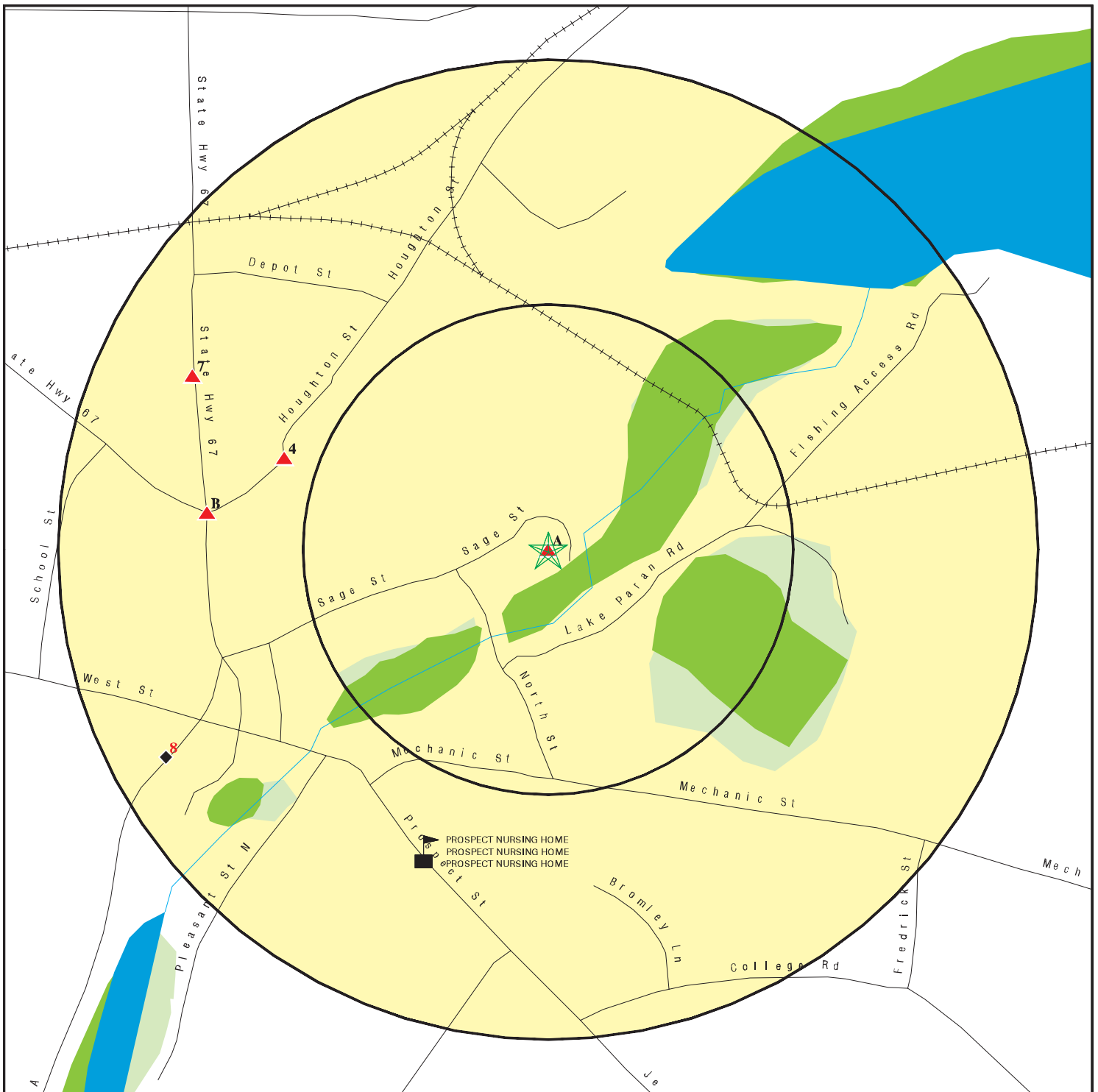
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Oil & Gas pipelines from USGS
-  National Wetland 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: 29 Sage Street  
 ADDRESS: 29 Sage Street  
 North Bennington VT 05257  
 LAT/LONG: 42.93 / 73.2391

CLIENT: Weston & Sampson Engineers, Inc  
 CONTACT: Jim Rose  
 INQUIRY #: 4071125.2s  
 DATE: September 19, 2014 4:58 pm

# DETAIL MAP - 4071125.2S



- ★ 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
- 🛢 Oil & Gas pipelines from USGS
- 🌿 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: 29 Sage Street  
 ADDRESS: 29 Sage Street  
 North Bennington VT 05257  
 LAT/LONG: 42.93 / 73.2391

CLIENT: Weston & Sampson Engineers, Inc  
 CONTACT: Jim Rose  
 INQUIRY #: 4071125.2s  
 DATE: September 19, 2014 4:58 pm

## 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	0	0	0	NR	0
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>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	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	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	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>								
VT SHWS	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
VT SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
VT LUST	0.500		0	0	0	NR	NR	0
VT LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
VT UST	0.250		0	2	NR	NR	NR	2

## 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
VT AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
VT ENG CONTROLS	0.500		0	0	0	NR	NR	0
VT INST CONTROL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
VT BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
VT SPILLS	TP		NR	NR	NR	NR	NR	0
VT SPILLS 90	TP		NR	NR	NR	NR	NR	0
VT SPILLS 80	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250	1	0	1	NR	NR	NR	2
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
VT UIC	TP		NR	NR	NR	NR	NR	0
VT MANIFEST	0.250		0	1	NR	NR	NR	1
NY MANIFEST	0.250		0	1	NR	NR	NR	1
VT DRYCLEANERS	0.250		0	0	NR	NR	NR	0
VT NPDES	TP		NR	NR	NR	NR	NR	0
VT AIRS	TP		NR	NR	NR	NR	NR	0
VT TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
VT Financial Assurance	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	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 US Hist Auto Stat	0.250	1	0	1	NR	NR	NR	2
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

VT RGA LUST	TP		NR	NR	NR	NR	NR	0
VT RGA LF	TP		NR	NR	NR	NR	NR	0
VT RGA HWS	TP		NR	NR	NR	NR	NR	0

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**      **CLASSIC METAL RESTORATIONS**  
**Target**    **29 SAGE ST**  
**Property**   **BENNINGTON, VT 05257**

**RCRA NonGen / NLR**    **1007572085**  
**VTR000511667**

**Site 1 of 3 in cluster A**

**Actual:**  
**623 ft.**

RCRA NonGen / NLR:  
Date form received by agency: 07/22/2005  
Facility name: CLASSIC METAL RESTORATIONS  
Facility address: 29 SAGE ST  
BENNINGTON, VT 05257  
EPA ID: VTR000511667  
Mailing address: PO BOX 474  
NORTH BENNINGTON, VT 05257  
Contact: ANTHONY A COOK  
Contact address: PO BOX 474  
NORTH BENNINGTON, VT 05257  
Contact country: US  
Contact telephone: (802) 447-1436  
Contact email: Not reported  
EPA Region: 01  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: MATTHEW PERRY  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 04/30/1993  
Owner/Op end date: Not reported  
  
Owner/operator name: ANTHONY A COOK  
Owner/operator address: PO BOX 474  
NORTH BENNINGTON, VT 05257  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 10/19/2004  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLASSIC METAL RESTORATIONS (Continued)**

**1007572085**

Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/19/2004  
Site name: CLASSIC METAL RESTORATIONS  
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D007  
Waste name: CHROMIUM

Waste code: F006  
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Violation Status: No violations found

**A2  
Target  
Property**

**CLASSIC METAL RESTORATIONS  
29 SAGE ST  
BENNINGTON, VT 05257**

**FINDS 1007843233  
N/A**

**Site 2 of 3 in cluster A**

**Actual:  
623 ft.**

FINDS:

Registry ID: 110020120206

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**A3  
Target  
Property**

**29 SAGE  
NORTH BENNINGTON, VT 05257**

**EDR US Hist Auto Stat 1015391753  
N/A**

**Site 3 of 3 in cluster A**

**Actual:  
623 ft.**

EDR Historical Auto Stations:

Name: SCRATCH AND DENT AUTO BODY  
Year: 1999  
Address: 29 SAGE

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**4**  
**WNW**  
**1/8-1/4**  
**0.143 mi.**  
**753 ft.**

**FELS RESIDENCE**  
**9 HOUGHTON STREET NORTH BENNINGTON**  
**BENNINGTON, VT**

**VT UST**    **U004190995**  
**N/A**

**Relative:**  
**Higher**

UST:

Facility:

**Actual:**  
**644 ft.**

Facility ID: 5555834  
Facility Status: PULLED  
Sites Id: Not reported  
Pin: Not reported  
Permitted To: Not reported  
Landowner: Tom Fels  
Permit Expires: Not reported  
Fee Status: Not reported  
Tanks Pulled: 1  
Site Code: A  
Removed: 1  
Receipt: Not reported  
Owner Name: Tom Fels  
Owner Person: Not reported  
Owner Address: 9 Houghton Street  
Owner City,St,Zip: North Bennington, VT  
Owner Telephone: Not reported  
Operator Name: Not reported  
Operator Person: Not reported  
Operator Address: Not reported  
Operator City,St,Zip: Not reported  
Operator Telephone: Not reported  
Groundwater Monitoring Wells: Not reported  
Vapor Monitoring Points: Not reported

Tank Data:

Tank ID: 17305  
Tank Status: PULLED  
Tank Label: 1987-1-R  
Tank Protect: Not reported  
Year Removed: 2012  
Capacity (Gal): 1000  
Category One: UST  
CP Test: Not reported  
Release Monitor: Not reported  
Condition: FILLED IN PLACE  
Date Reference: Not reported

Compartment:

Comp Id: 17596  
Compartment Label: A  
Substance: Fuel Oil  
Spill: Not reported  
Overfill: Not reported

Piping:

Pipe Seq: 1  
Pipe Type: DEFAULT  
Pipe Installation Year: Not reported  
Pipe Protection: Not reported  
CP Pipe Test: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FELS RESIDENCE (Continued)**

**U004190995**

Pipe Monitor 1: Not reported  
Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: Not reported  
Pipe Monitor 2 Tested Date: Not reported  
Pump Type: Not reported

**B5**  
**West**  
**1/8-1/4**  
**0.175 mi.**  
**925 ft.**

**PAULIN CORP**  
**MAIN & BANK ST**  
**BENNINGTON, VT 05257**

**RCRA-CESQG** **1004792011**  
**NY MANIFEST** **VT5000001024**  
**VT MANIFEST**

**Site 1 of 2 in cluster B**

**Relative:**  
**Higher**

RCRA-CESQG:

Date form received by agency: 09/13/2010

Facility name: PAULIN CORP

Facility address: MAIN & BANK ST  
NORTH BENNINGTON  
BENNINGTON, VT 05257

EPA ID: VT5000001024

Mailing address: PO BOX 437  
BENNINGTON, VT 052010437

Contact: KEITH MARTIN

Contact address: PO BOX 437  
BENNINGTON, VT 052010437

Contact country: US

Contact telephone: (802) 442-2046

Contact email: Not reported

EPA Region: 01

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: PAUL J MARTIN INC

Owner/operator address: PO BOX 437  
BENNINGTON, VT 05201

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/01/1776

Owner/Op end date: Not reported

Owner/operator name: PAUL J MARTIN INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAULIN CORP (Continued)**

**1004792011**

Owner/operator address: PO BOX 437  
BENNINGTON, VT 05201  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 09/13/2010  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 07/06/1994  
Site name: PAULIN CORP PAUL J MARTIN INC  
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D018  
Waste name: BENZENE

Violation Status: No violations found

NY MANIFEST:

EPA ID: VT5000001024  
Country: USA

Mailing Info:

Name: PAULIN CORP  
Contact: KEITH MARTIN  
Address: P.O.B 437  
City/State/Zip: BENNINGTON, VT 05201  
Country: USA  
Phone: 000-000-0000

Document ID: VTA0060721  
Manifest Status: Not reported  
Trans1 State ID: NYD987002748  
Trans2 State ID: Not reported  
Generator Ship Date: 01/20/1998  
Trans1 Recv Date: 01/20/1998  
Trans2 Recv Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAULIN CORP (Continued)**

**1004792011**

TSD Site Recv Date: 01/21/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VT5000001024  
Trans1 EPA ID: NYD084069426  
Trans2 EPA ID: Not reported  
TSD ID: NYPR3340  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00097  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 98

Document ID: NYB7613181  
Manifest Status: Completed copy  
Trans1 State ID: NYJX2509  
Trans2 State ID: Not reported  
Generator Ship Date: 970424  
Trans1 Recv Date: 970424  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 970428  
Part A Recv Date: Not reported  
Part B Recv Date: 970514  
Generator EPA ID: VT5000001024  
Trans1 EPA ID: NYD987002748  
Trans2 EPA ID: Not reported  
TSD ID: NYD084069426  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00058  
Units: G - Gallons (liquids only)\* (8.3 pounds)  
Number of Containers: 001  
Container Type: TT - Cargo tank, tank trucks  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Year: 97

**VT MANIFEST:**

Manifest ID: 000163214FLE  
EPAID: VT5000001024  
Mailing Name: PAULIN CORP PAUL J MARTIN INC  
Mailing Address: PO BOX 437  
Mailing City,St,Zip: BENNINGTON, VT 05201-0437  
Contact Phone: 8024422046  
Contact Name: KEITH MARTIN  
Trans1: NYR000115733  
T1 Name: ENVIRONMENTAL PROD & SVCS OF VERMONT INC  
Manifest Transporter City: SYRACUSE  
Manifest Transporter State: NY  
FACID: MAD047075734  
Facility Name: ENVIRO-SAFE CORPORATION (NE)  
DotDescrip: RQ HAZARDOUS WASTE SOLID NOS BENZENE 9 NA3077 PGIII  
AdditionalDot: Not reported  
Quantity: 550.00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAULIN CORP (Continued)**

1004792011

Unit: P  
Waste: D018  
Date Shipped: 10/22/2008  
Facility City: LOWELL  
Facility State: MA  
Fac Date: 10/24/2008

**B6**  
**West**  
**1/8-1/4**  
**0.177 mi.**  
**936 ft.**

**NORTH VILLAGE LAUNDRY**  
**2 BANK STREET**  
**BENNINGTON, VT 05257**

**VT UST** **U004127836**  
**N/A**

**Site 2 of 2 in cluster B**

**Relative:**  
**Higher**

UST:

Facility:

**Actual:**  
**641 ft.**

Facility ID: 4425144  
Facility Status: ACTIVE  
Sites Id: 870042  
Pin: RU97-0207  
Permitted To: Tank Owner  
Landowner: Sage City Syndicate  
Permit Expires: 7/1/2017 0:00  
Fee Status: Not reported  
Tanks Pulled: Not reported  
Site Code: Not reported  
Removed: Not reported  
Receipt: 361  
Owner Name: Paul J Martin Inc  
Owner Person: Keith Martin President  
Owner Address: PO Box 437  
Owner City,St,Zip: Bennington, VT 05201  
Owner Telephone: 802-442-2046  
Operator Name: Paul J Martin Inc  
Operator Person: Keith Martin President  
Operator Address: PO Box 437  
Operator City,St,Zip: Bennington, VT 05201  
Operator Telephone: 802-442-2046  
Groundwater Monitoring Wells: 4  
Vapor Monitoring Points: Not reported

Tank Data:

Tank ID: 14147  
Tank Status: PULLED  
Tank Label: -1-5-R  
Tank Protect: Not reported  
Year Removed: 1993  
Capacity (Gal): 550  
Category One: UST  
CP Test: Not reported  
Release Monitor: Not reported  
Condition: FAIR  
Date Reference: Not reported

Compartment:

Comp Id: 14274  
Compartment Label: A  
Substance: Fuel Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH VILLAGE LAUNDRY (Continued)**

**U004127836**

Spill: Not reported  
Overfill: Not reported  
Piping:  
Pipe Seq: 1  
Pipe Type: DEFAULT  
Pipe Installation Year: Not reported  
Pipe Protection: Not reported  
CP Pipe Test: Not reported  
Pipe Monitor 1: Not reported  
Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: Not reported  
Pipe Monitor 2 Tested Date: Not reported  
Pump Type: Not reported

Tank Data:  
Tank ID: 14148  
Tank Status: PULLED  
Tank Label: 1985-1-R  
Tank Protect: Not reported  
Year Removed: 1993  
Capacity (Gal): 4000  
Category One: UST  
CP Test: Not reported  
Release Monitor: Not reported  
Condition: GOOD  
Date Reference: Not reported

Compartment:  
Comp Id: 14275  
Compartment Label: A  
Substance: Gasoline  
Spill: Not reported  
Overfill: Not reported

Piping:  
Pipe Seq: 1  
Pipe Type: DEFAULT  
Pipe Installation Year: Not reported  
Pipe Protection: Not reported  
CP Pipe Test: Not reported  
Pipe Monitor 1: Not reported  
Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: Not reported  
Pipe Monitor 2 Tested Date: Not reported  
Pump Type: Not reported

Tank Data:  
Tank ID: 14149  
Tank Status: PULLED  
Tank Label: 1985-2-R  
Tank Protect: Not reported  
Year Removed: 1993  
Capacity (Gal): 4000  
Category One: UST  
CP Test: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH VILLAGE LAUNDRY (Continued)**

**U004127836**

Release Monitor: Not reported  
Condition: GOOD  
Date Reference: Not reported

Compartment:  
Comp Id: 14276  
Compartment Label: A  
Substance: Gasoline  
Spill: Not reported  
Overfill: Not reported

Piping:  
Pipe Seq: 1  
Pipe Type: DEFAULT  
Pipe Installation Year: Not reported  
Pipe Protection: Not reported  
CP Pipe Test: Not reported  
Pipe Monitor 1: Not reported  
Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: Not reported  
Pipe Monitor 2 Tested Date: Not reported  
Pump Type: Not reported

Tank Data:  
Tank ID: 14150  
Tank Status: PULLED  
Tank Label: 1985-3-R  
Tank Protect: Not reported  
Year Removed: 1993  
Capacity (Gal): 4000  
Category One: UST  
CP Test: Not reported  
Release Monitor: Not reported  
Condition: GOOD  
Date Reference: Not reported

Compartment:  
Comp Id: 14277  
Compartment Label: A  
Substance: Gasoline  
Spill: Not reported  
Overfill: Not reported

Piping:  
Pipe Seq: 1  
Pipe Type: DEFAULT  
Pipe Installation Year: Not reported  
Pipe Protection: Not reported  
CP Pipe Test: Not reported  
Pipe Monitor 1: Not reported  
Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: Not reported  
Pipe Monitor 2 Tested Date: Not reported  
Pump Type: Not reported

Tank Data:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH VILLAGE LAUNDRY (Continued)**

**U004127836**

Tank ID: 14151  
Tank Status: PULLED  
Tank Label: 1985-4-R  
Tank Protect: Not reported  
Year Removed: 1993  
Capacity (Gal): 4000  
Category One: UST  
CP Test: Not reported  
Release Monitor: Not reported  
Condition: GOOD  
Date Reference: Not reported

Compartment:  
Comp Id: 14278  
Compartment Label: A  
Substance: Gasoline  
Spill: Not reported  
Overfill: Not reported

Piping:  
Pipe Seq: 1  
Pipe Type: DEFAULT  
Pipe Installation Year: Not reported  
Pipe Protection: Not reported  
CP Pipe Test: Not reported  
Pipe Monitor 1: Not reported  
Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: Not reported  
Pipe Monitor 2 Tested Date: Not reported  
Pump Type: Not reported

Tank Data:  
Tank ID: 14152  
Tank Status: ACTIVE  
Tank Label: 1993-1-M  
Tank Protect: P  
Year Removed: Not reported  
Capacity (Gal): 4000  
Category One: UST  
CP Test: 5/9/2014 0:00  
Release Monitor: ITM  
Condition: Not reported  
Date Reference: Not reported

Compartment:  
Comp Id: 14279  
Compartment Label: A  
Substance: Gasoline  
Spill: Spill  
Overfill: YD

Piping:  
Pipe Seq: 1  
Pipe Type: manifold  
Pipe Installation Year: 1993  
Pipe Protection: Secondly contained flexible piping  
CP Pipe Test: Not reported  
Pipe Monitor 1: Im

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH VILLAGE LAUNDRY (Continued)**

**U004127836**

Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: Not reported  
Pipe Monitor 2 Tested Date: Not reported  
Pump Type: P

Tank Data:

Tank ID: 14153  
Tank Status: ACTIVE  
Tank Label: 1993-2-M  
Tank Protect: P  
Year Removed: Not reported  
Capacity (Gal): 4000  
Category One: UST  
CP Test: 5/9/2014 0:00  
Release Monitor: ITM  
Condition: Not reported  
Date Reference: Not reported

Compartment:

Comp Id: 14280  
Compartment Label: A  
Substance: Gasoline  
Spill: Spill  
Overfill: YD

Piping:

Pipe Seq: 1  
Pipe Type: manifold  
Pipe Installation Year: 1993  
Pipe Protection: Secondly contained flexible piping  
CP Pipe Test: Not reported  
Pipe Monitor 1: le  
Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: Not reported  
Pipe Monitor 2 Tested Date: Not reported  
Pump Type: P

Tank Data:

Tank ID: 14154  
Tank Status: ACTIVE  
Tank Label: 1993-3-M  
Tank Protect: PL  
Year Removed: Not reported  
Capacity (Gal): 4000  
Category One: UST  
CP Test: 5/9/2014 0:00  
Release Monitor: ITM  
Condition: Not reported  
Date Reference: Not reported

Compartment:

Comp Id: 14281  
Compartment Label: A  
Substance: Gasoline  
Spill: Spill  
Overfill: YD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH VILLAGE LAUNDRY (Continued)**

**U004127836**

Piping:

Pipe Seq: 1  
Pipe Type: Dispenser  
Pipe Installation Year: 1993  
Pipe Protection: Secondarily contained flexible piping  
CP Pipe Test: Not reported  
Pipe Monitor 1: le  
Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: LLD  
Pipe Monitor 2 Tested Date: 10/3/2013 0:00  
Pump Type: P

Tank Data:

Tank ID: 14155  
Tank Status: ACTIVE  
Tank Label: 1993-4  
Tank Protect: PL  
Year Removed: Not reported  
Capacity (Gal): 4000  
Category One: UST  
CP Test: 5/9/2014 0:00  
Release Monitor: ITM  
Condition: Not reported  
Date Reference: Not reported

Compartment:

Comp Id: 14282  
Compartment Label: A  
Substance: Gasoline  
Spill: Spill  
Overfill: YD

Piping:

Pipe Seq: 1  
Pipe Type: Dispenser  
Pipe Installation Year: 1993  
Pipe Protection: Secondarily contained flexible piping  
CP Pipe Test: Not reported  
Pipe Monitor 1: le  
Pipe Monitor 1 Test: Not reported  
Pipe Monitor 2: LLD  
Pipe Monitor 2 Tested Date: 10/3/2013 0:00  
Pump Type: P

7  
WNW  
1/8-1/4  
0.202 mi.  
1066 ft.

38 MAIN  
NORTH BENNINGTON, VT 05257

EDR US Hist Auto Stat 1015457886  
N/A

Relative:  
Higher

EDR Historical Auto Stations:  
Name: REDEEMED REPAIR  
Year: 2012  
Address: 38 MAIN

Actual:  
649 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

8  
WSW  
1/8-1/4  
0.222 mi.  
1171 ft.

**CHEMFAB CORP**  
**13 WATER ST**  
**BENNINGTON, VT 05257**

**RCRA NonGen / NLR**    **1001226232**  
**VTR000011247**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**609 ft.**

Date form received by agency: 03/01/1998  
Facility name: CHEMFAB CORP  
Facility address: 13 WATER ST  
NORTH BENNINGTON  
BENNINGTON, VT 052570476  
EPA ID: VTR000011247  
Mailing address: PO BOX 476  
NORTH BENNINGTON, VT 052570476  
Contact: ROBERT PROHASKA  
Contact address: PO BOX 476  
NORTH BENNINGTON, VT 052570476  
Contact country: US  
Contact telephone: (802) 447-1131  
Contact email: Not reported  
EPA Region: 01  
Land type: Private  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CHEMFAB CORP  
Owner/operator address: PO BOX 1137  
MERRIMACK, NH 03054  
Owner/operator country: Not reported  
Owner/operator telephone: (603) 424-9000  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Hazardous Waste Summary:

Waste code: VT02  
Waste name: Waste containing greater than 5% by weight petroleum distillates with melting points of less than 100 degrees F, including but not limited

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEMFAB CORP (Continued)**

**1001226232**

to kerosene, fuel oil, hydraulic oils, lubricating oils, penetrating oils, tramp oils, quenching oils, and crankcase and automotive oils which have not been exempted under Section 7-203(n), (o) and (p)

Facility Has Received Notices of Violations:

Regulation violated: SR - 7-104  
Area of violation: Generators - General  
Date violation determined: 03/01/1998  
Date achieved compliance: 04/30/1998  
Violation lead agency: State  
Enforcement action: INFORMAL WRITTEN NOTIFICATION  
Enforcement action date: 04/30/1998  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 03/01/1998  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Generators - General  
Date achieved compliance: 04/30/1998  
Evaluation lead agency: State

Count: 20 records.

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BENNINGTON	1015737147	JOHNSON CONTROLS BATTERY GROUP INC	RTE 67 NORTH BENNINGTON RD	05201	CERC-NFRAP, RCRA NonGen / NLR
BENNINGTON	1004792436	BETS TRUCK LEASING INC	RTE 67A	05257	RCRA NonGen / NLR
BENNINGTON	1004792275	BIG BOYS TOYS	RTE 67A NEXT TO VT TISSUE CO	05257	RCRA NonGen / NLR
BENNINGTON	U003544976	CLIFFSIDE MOTOR INN INC	ROUTE 7 SOUTH	05201	VT UST
BENNINGTON	S108933746	NEW COUNTRY BENNINGTON AUTO PARK	ROUTE 7 SOUTH	05201	NY MANIFEST
BENNINGTON	1004791990	HEMMINGS MOTOR NEWS	RTE 9 W RD WOODCRAFTERS BLDG	05201	RCRA NonGen / NLR
BENNINGTON	1000361931	MERRILL TRANSPORT CO	113 US RTE 7	05201	RCRA NonGen / NLR, FINDS
SHAFTSBURY	U003545821	STANLEY TOOLS EAGLE SQUARE PLANT	ROUTE 67	05262	VT UST
SHAFTSBURY	U003545428	BETS TRUCK LEASING INC	ROUTE 67	05262	VT UST
SHAFTSBURY	1003862637	EAGLE SQUARE	RTE 67	05262	CERC-NFRAP
SHAFTSBURY	1000317187	BERNSTEIN DISPLAY	ROUTE 67	05262	RCRA-SQG, RAATS, NJ MANIFEST, I MANIFEST
SHAFTSBURY	1010415858	DAILEY WM E INC	ROUTE 7	05262	RCRA NonGen / NLR
SHAFTSBURY	U004179858	PAULIN INC	ROUTE 7A	05262	VT UST
SHAFTSBURY	U003545817	PAULIN INC	ROUTE 7A	05262	VT UST
SHAFTSBURY	U003545602	WILLIAM E DAILEY YARD	ROUTE 7A	05262	VT UST
SHAFTSBURY	U003072601	WILLIAM E DAILEY INC GARAGE	ROUTE 7A	05262	VT UST
SHAFTSBURY	1000696784	PIKE IND INC	RTE 7A	05262	RCRA NonGen / NLR
WOODFORD	U003545584	BENNINGTON WATER FILTRATION PLANT	ROUTE 9 EAST	05201	VT UST
WOODFORD	U003516067	PROSPECT MOUNTAIN SKI AREA	ROUTE 9 WOODFORD CITY	05201	VT UST
WOODFORD	U000907685	WHISPERING PINES APARTMENTS	ROUTE 9	05201	VT UST

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 07/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 07/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 07/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2014	Telephone: 703-603-8704
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/08/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

### CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

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

### **RCRA-LQG: RCRA - Large Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 07/02/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/23/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/15/2014	Telephone: 703-603-0695
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2014	Source: Department of the Navy
Date Data Arrived at EDR: 05/30/2014	Telephone: 843-820-7326
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

## ***Federal ERNS list***

### ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 07/03/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

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

### SHWS: Sites Database

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 05/28/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/29/2014	Telephone: 802-241-3443
Date Made Active in Reports: 06/04/2014	Last EDR Contact: 08/26/2014
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **State and tribal landfill and/or solid waste disposal site lists**

### SWF/LF: Landfills and Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/23/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/23/2014	Telephone: 802-241-3444
Date Made Active in Reports: 07/17/2014	Last EDR Contact: 09/15/2014
Number of Days to Update: 24	Next Scheduled EDR Contact: 12/29/2014
	Data Release Frequency: Varies

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

### LUST: Sites Database

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. Source Type: Underground Storage Tank.

Date of Government Version: 05/28/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/29/2014	Telephone: 802-241-3888
Date Made Active in Reports: 06/04/2014	Last EDR Contact: 08/26/2014
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

### LAST: Sites Database

Leaking aboveground storage tank site locations included in the Sites database.

Date of Government Version: 05/28/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/29/2014	Telephone: 802-241-3443
Date Made Active in Reports: 06/04/2014	Last EDR Contact: 08/26/2014
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/22/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014	Source: EPA Region 8
Date Data Arrived at EDR: 08/15/2014	Telephone: 303-312-6271
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 08/01/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014	Source: EPA Region 6
Date Data Arrived at EDR: 05/15/2014	Telephone: 214-665-6597
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/20/2014
	Data Release Frequency: Varies

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

UST: State of Vermont Underground Storage Tank Database  
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/11/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/14/2014	Telephone: 802-241-3888
Date Made Active in Reports: 08/27/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks  
A listing of facilities with aboveground storage tanks.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 05/09/2012  
Date Made Active in Reports: 06/11/2012  
Number of Days to Update: 33

Source: Department of Public Safety  
Telephone: 802-244-8721  
Last EDR Contact: 08/05/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014  
Date Data Arrived at EDR: 08/12/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 10

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 04/22/2014  
Next Scheduled EDR Contact: 08/11/2014  
Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014  
Date Data Arrived at EDR: 08/05/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 17

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 07/25/2014  
Date Data Arrived at EDR: 07/28/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 25

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Semi-Annually

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/20/2014  
Date Data Arrived at EDR: 08/22/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 27

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 04/28/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014  
Date Data Arrived at EDR: 08/15/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 7

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Quarterly

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/15/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/27/2014	Last EDR Contact: 08/01/2014
Number of Days to Update: 271	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014	Source: EPA Region 8
Date Data Arrived at EDR: 08/15/2014	Telephone: 303-312-6137
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/08/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Varies

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

### ENG CONTROLS: Engineering Controls Site Listing

A listing of Active and Closed sites with institutional controls in place

Date of Government Version: 02/24/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/27/2014	Telephone: 802-241-3443
Date Made Active in Reports: 03/07/2014	Last EDR Contact: 08/26/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

### INST CONTROL: Institutional Control Sites Listing

Active and Closed Sites with institutional controls in place.

Date of Government Version: 05/28/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/29/2014	Telephone: 802-241-3443
Date Made Active in Reports: 06/04/2014	Last EDR Contact: 08/26/2014
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

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

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/2014  
Date Data Arrived at EDR: 07/01/2014  
Date Made Active in Reports: 08/15/2014  
Number of Days to Update: 45

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 07/01/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Varies

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

## State and tribal Brownfields sites

### BROWNFIELDS: Brownfields Site List

A listing of sites in the Brownfields program.

Date of Government Version: 08/26/2014  
Date Data Arrived at EDR: 08/27/2014  
Date Made Active in Reports: 08/28/2014  
Number of Days to Update: 1

Source: Department of Environmental Conservation  
Telephone: 802-241-3888  
Last EDR Contact: 08/27/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Varies

## ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 07/03/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 25

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 07/03/2014  
Next Scheduled EDR Contact: 10/06/2014  
Data Release Frequency: Semi-Annually

### Local Lists of Landfill / Solid Waste Disposal Sites

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/25/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: No Update Planned

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 08/01/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

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

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 07/15/2014  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: Quarterly

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 07/15/2014  
Number of Days to Update: 25

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: No Update Planned

## **Local Land Records**

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

## **Records of Emergency Release Reports**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/2014	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/01/2014	Telephone: 202-366-4555
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 07/01/2014
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Annually

## SPILLS: Sites Database

Hazardous materials spills included in the Sites database.

Date of Government Version: 06/09/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/10/2014	Telephone: 802-241-3443
Date Made Active in Reports: 07/17/2014	Last EDR Contact: 08/19/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 11/05/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 04/19/2000	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/02/2014	Telephone: (888) 372-7341
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 07/02/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/06/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/18/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Semi-Annually

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/10/2014	Telephone: 202-528-4285
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/24/2014	Telephone: Varies
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 06/30/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 09/09/2014
Number of Days to Update: 74	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Annually

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 08/20/2014
Number of Days to Update: 146	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Varies

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/30/2014	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/05/2014	Telephone: 303-231-5959
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 09/04/2014
Number of Days to Update: 132	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011	Source: EPA
Date Data Arrived at EDR: 07/31/2013	Telephone: 202-566-0250
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 08/29/2014
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Annually

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/25/2014
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/06/2014
	Data Release Frequency: Every 4 Years

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/19/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/19/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 05/06/2014  
Date Data Arrived at EDR: 05/16/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 10/09/2014  
Next Scheduled EDR Contact: 10/27/2014  
Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013  
Date Data Arrived at EDR: 07/17/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 107

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 07/18/2014  
Next Scheduled EDR Contact: 10/27/2014  
Data Release Frequency: Annually

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013  
Date Data Arrived at EDR: 08/02/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 91

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 09/08/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Quarterly

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2014  
Date Data Arrived at EDR: 07/10/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 18

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 07/10/2014  
Next Scheduled EDR Contact: 10/20/2014  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013	Source: EPA
Date Data Arrived at EDR: 02/27/2014	Telephone: (617) 918-1111
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Quarterly

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2014	Telephone: 202-564-8600
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 08/29/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Biennially

## UIC: Underground Injection Wells Listing

A listing of underground injection wells in the state.

Date of Government Version: 05/19/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/23/2014	Telephone: 802-585-4913
Date Made Active in Reports: 06/05/2014	Last EDR Contact: 08/15/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/27/2014  
Date Data Arrived at EDR: 06/12/2014  
Date Made Active in Reports: 07/17/2014  
Number of Days to Update: 35

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 07/21/2014  
Next Scheduled EDR Contact: 11/03/2014  
Data Release Frequency: Annually

## DRYCLEANERS: Drycleaner Facilities List

A listing of drycleaners that use perchloroethylene.

Date of Government Version: 04/17/2014  
Date Data Arrived at EDR: 08/20/2014  
Date Made Active in Reports: 08/27/2014  
Number of Days to Update: 7

Source: Department of Environmental Conservation  
Telephone: 802-241-3857  
Last EDR Contact: 08/11/2014  
Next Scheduled EDR Contact: 11/24/2014  
Data Release Frequency: Varies

## NPDES: Inventory of NPDES Permits

A listing of NPDES permits.

Date of Government Version: 08/11/2014  
Date Data Arrived at EDR: 08/15/2014  
Date Made Active in Reports: 08/27/2014  
Number of Days to Update: 12

Source: Department of Environmental Conservation  
Telephone: 802-241-2369  
Last EDR Contact: 08/05/2014  
Next Scheduled EDR Contact: 11/03/2014  
Data Release Frequency: Varies

## AIRS: Permitted AIRS Facility Listing

A listing of permitted AIRS facility locations.

Date of Government Version: 10/22/2007  
Date Data Arrived at EDR: 10/23/2007  
Date Made Active in Reports: 11/19/2007  
Number of Days to Update: 27

Source: Department of Environmental Conservation  
Telephone: 802-241-3840  
Last EDR Contact: 06/30/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Varies

## TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 05/09/2012  
Date Made Active in Reports: 06/11/2012  
Number of Days to Update: 33

Source: Department of Public Safety  
Telephone: 802-244-8721  
Last EDR Contact: 08/05/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Varies

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 07/18/2014  
Next Scheduled EDR Contact: 10/27/2014  
Data Release Frequency: Semi-Annually

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 07/25/2014  
Next Scheduled EDR Contact: 11/03/2014  
Data Release Frequency: Varies

## Financial Assurance: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 06/30/2009  
Date Data Arrived at EDR: 09/14/2009  
Date Made Active in Reports: 09/30/2009  
Number of Days to Update: 16

Source: Department of Environmental Conservation  
Telephone: 802-241-3868  
Last EDR Contact: 08/11/2014  
Next Scheduled EDR Contact: 11/24/2014  
Data Release Frequency: Varies

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011  
Date Data Arrived at EDR: 05/18/2012  
Date Made Active in Reports: 05/25/2012  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 08/15/2014  
Next Scheduled EDR Contact: 11/24/2014  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014  
Date Data Arrived at EDR: 06/12/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 07/01/2014  
Next Scheduled EDR Contact: 10/20/2014  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013  
Date Data Arrived at EDR: 07/03/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 72

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 07/01/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Quarterly

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 07/18/2014  
Next Scheduled EDR Contact: 10/27/2014  
Data Release Frequency: N/A

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 38

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 08/14/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Quarterly

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 03/14/2014  
Date Data Arrived at EDR: 06/11/2014  
Date Made Active in Reports: 07/28/2014  
Number of Days to Update: 47

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Varies

## COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 07/18/2014  
Next Scheduled EDR Contact: 10/27/2014  
Data Release Frequency: Varies

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/25/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013  
Date Data Arrived at EDR: 11/06/2013  
Date Made Active in Reports: 12/06/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/25/2014  
Next Scheduled EDR Contact: 10/13/2014  
Data Release Frequency: Annually

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 08/01/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Varies

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 08/15/2014  
Next Scheduled EDR Contact: 11/24/2014  
Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in Vermont.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/04/2014  
Number of Days to Update: 187

Source: Department of Environmental Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in Vermont.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/17/2014  
Number of Days to Update: 200

Source: Department of Environmental Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in Vermont.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/08/2014  
Number of Days to Update: 191

Source: Department of Environmental Conservation  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 08/19/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 07/17/2014  
Next Scheduled EDR Contact: 10/27/2014  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2014  
Date Data Arrived at EDR: 05/07/2014  
Date Made Active in Reports: 06/10/2014  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 08/07/2014  
Next Scheduled EDR Contact: 11/17/2014  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/21/2014  
Date Made Active in Reports: 08/25/2014  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 07/18/2014  
Next Scheduled EDR Contact: 11/03/2014  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/15/2014  
Date Made Active in Reports: 08/13/2014  
Number of Days to Update: 29

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/26/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Child Care Providers

Source: Social & Rehabilitation Services

Telephone: 802-241-2158

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**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: Wetlands Inventory

Source: Vermont Center for Geographic Information, Inc.

Telephone: 802-882-3000

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

29 SAGE STREET  
29 SAGE STREET  
NORTH BENNINGTON, VT 05257

### TARGET PROPERTY COORDINATES

Latitude (North):	42.93 - 42° 55' 48.00"
Longitude (West):	73.2391 - 73° 14' 20.76"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	643696.6
UTM Y (Meters):	4754331.0
Elevation:	623 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	42073-H2 BENNINGTON, VT
Most Recent Revision:	1954

West Map:	42073-H3 HOOSICK FALLS, NY VT
Most Recent Revision:	1980

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).

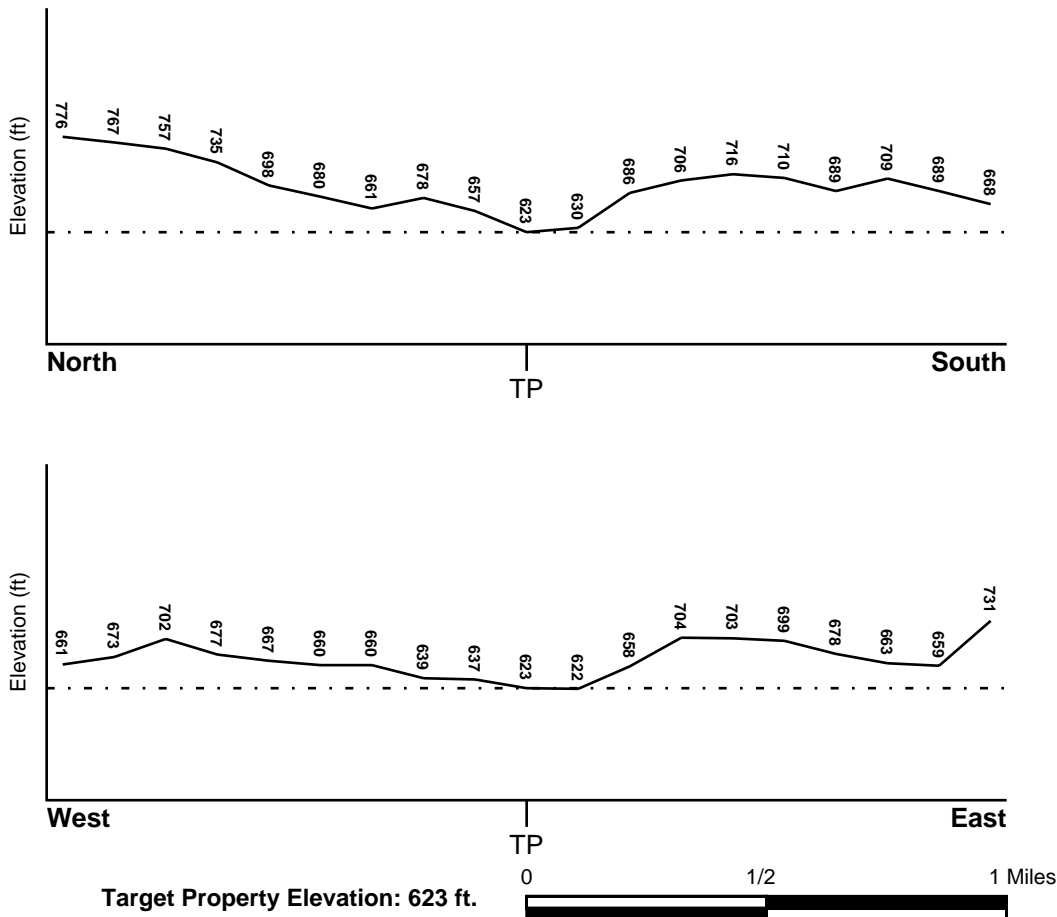
## TOPOGRAPHIC INFORMATION

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 WNW

## 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>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
BENNINGTON, VT	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
BENNINGTON	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**

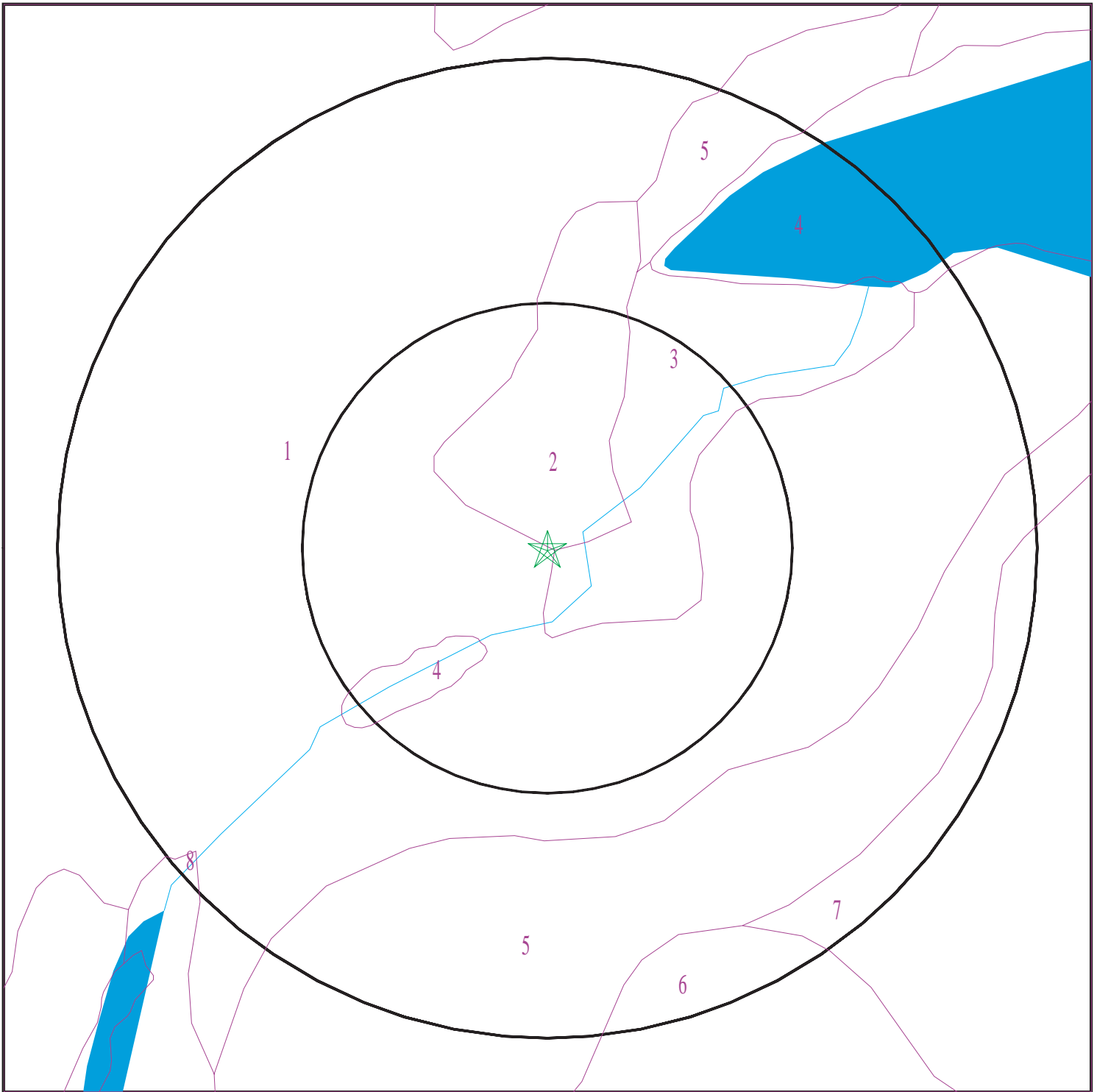
Era:	Paleozoic
System:	Ordovician
Series:	Lower Ordovician and Cambrian carbonate rocks
Code:	OC ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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 - 4071125.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 29 Sage Street  
ADDRESS: 29 Sage Street  
North Bennington VT 05257  
LAT/LONG: 42.93 / 73.2391

CLIENT: Weston & Sampson Engineers, Inc  
CONTACT: Jim Rose  
INQUIRY #: 4071125.2s  
DATE: September 19, 2014 4:59 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: Groton

Soil Surface Texture: gravelly fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively 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							
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	gravelly fine sandy loam	A-1-b	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.1111 Min: 14.1111	Max: 7.3 Min: 5.6
2	7 inches	14 inches	gravelly fine sandy loam	A-1-b	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.1111 Min: 14.1111	Max: 7.3 Min: 5.6
3	14 inches	22 inches	very gravelly sandy loam	A-1-b	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141.1111	Max: 7.8 Min: 5.6
4	22 inches	64 inches	very gravelly coarse sand	A-1-b	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 705 Min: 141.1111	Max: 8.4 Min: 6.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: Belgrade

Soil Surface Texture: silt 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

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 77 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: 14.1111 Min: 4.2333	Max: 7.3 Min: 4.5
2	9 inches	20 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: 14.1111 Min: 4.2333	Max: 7.3 Min: 4.5
3	20 inches	64 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: 42.3333 Min: 0.4233	Max: 7.8 Min: 6.1

### Soil Map ID: 3

Soil Component Name: Udifluvents

Soil Surface Texture: sand

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

Soil Drainage Class:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 115 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	sand	Not reported	Not reported	Max: 705 Min: 14.1111	Max: Min:
2	5 inches	64 inches	variable	Not reported	Not reported	Max: 705 Min: 14.1111	Max: Min:

### Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: sand

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

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 5

Soil Component Name: Groton

Soil Surface Texture: gravelly fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	gravelly 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: 141.1111 Min: 14.1111	Max: 7.3 Min: 5.6
2	7 inches	14 inches	gravelly 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: 141.1111 Min: 14.1111	Max: 7.3 Min: 5.6
3	14 inches	22 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141.1111	Max: 7.8 Min: 5.6
4	22 inches	64 inches	very gravelly coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 705 Min: 141.1111	Max: 8.4 Min: 6.6

### Soil Map ID: 6

Soil Component Name: Nellis

Soil Surface Texture: silt 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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	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: 14.1111 Min: 4.2333	Max: 7.3 Min: 5.6
2	7 inches	22 inches	gravelly 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: 14.1111 Min: 4.2333	Max: 7.3 Min: 5.6
3	22 inches	31 inches	gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.1111 Min: 4.2333	Max: 7.8 Min: 5.6
4	31 inches	64 inches	very gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.1111 Min: 1.4111	Max: 8.4 Min: 6.6

### Soil Map ID: 7

Soil Component Name: Groton

Soil Surface Texture: gravelly fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.1111 Min: 14.1111	Max: 7.3 Min: 5.6
2	7 inches	14 inches	gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.1111 Min: 14.1111	Max: 7.3 Min: 5.6
3	14 inches	22 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141.1111	Max: 7.8 Min: 5.6
4	22 inches	64 inches	very gravelly coarse sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 705 Min: 141.1111	Max: 8.4 Min: 6.6

### Soil Map ID: 8

Soil Component Name: Stockbridge

Soil Surface Texture: moderately decomposed plant material

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	1 inches	moderately decomposed plant material	A-8	Highly organic soils, Peat.	Max: 42 Min: 14	Max: 5.5 Min: 3.6
2	1 inches	9 inches	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: 14.1111 Min: 4.2333	Max: 7.3 Min: 5.1
3	9 inches	24 inches	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: 14.1111 Min: 4.2333	Max: 7.3 Min: 5.6
4	24 inches	35 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.2333 Min: 0.4233	Max: 7.3 Min: 5.6
5	35 inches	64 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.2333 Min: 0.4233	Max: 8.4 Min: 5.6

### 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

## **STATE DATABASE WELL INFORMATION**

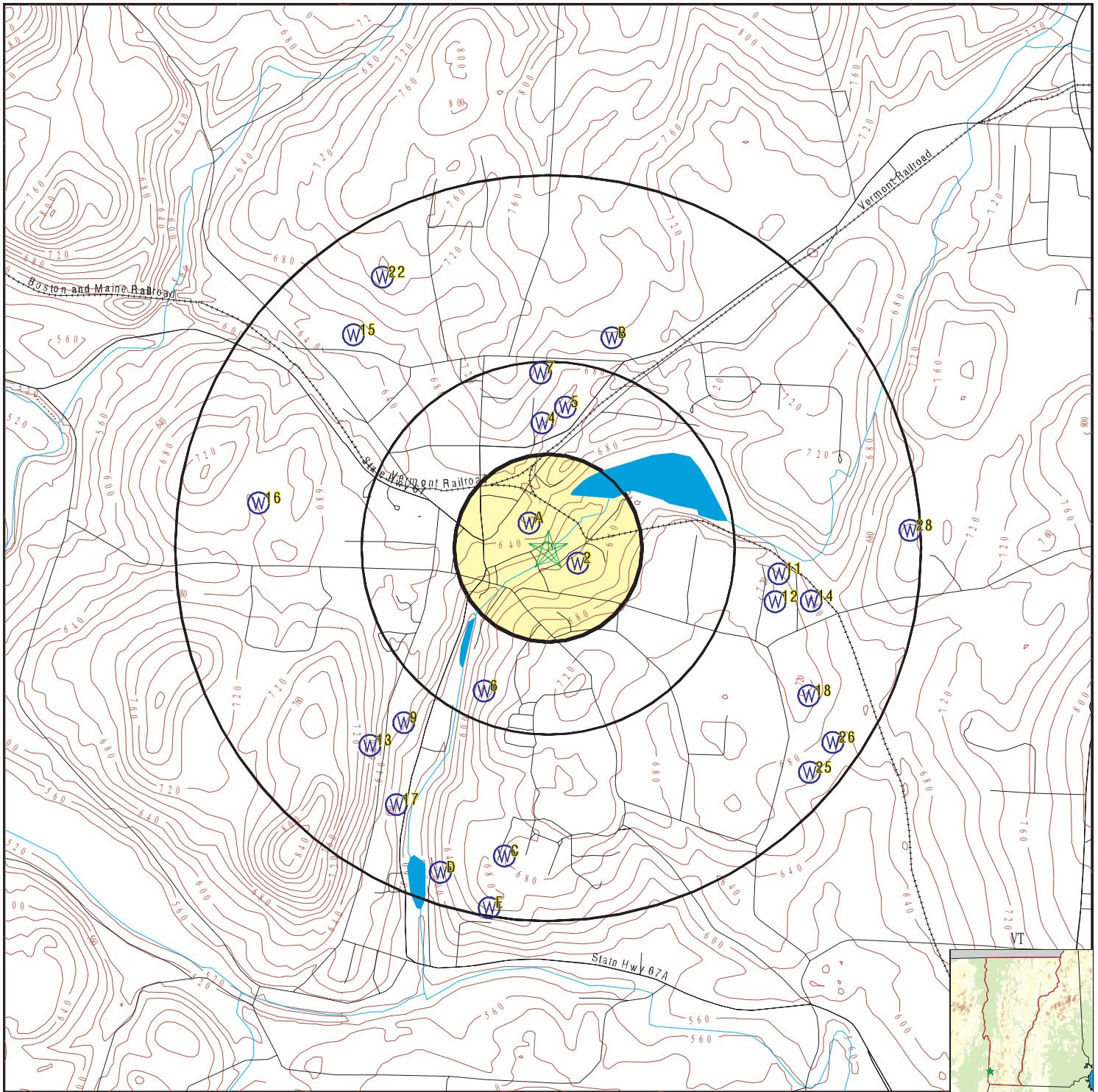
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	VT4000000005775	0 - 1/8 Mile NNW
2	VT4000000005706	0 - 1/8 Mile ESE
A3	VT4000000005781	0 - 1/8 Mile NW
4	VT4000000005967	1/4 - 1/2 Mile North
5	VT4000000006002	1/4 - 1/2 Mile North
6	VT4000000005514	1/4 - 1/2 Mile SSW
7	VT4000000006051	1/4 - 1/2 Mile North
B8	VT4000000006088	1/2 - 1 Mile NNE
9	VT4000000005493	1/2 - 1 Mile SW
B10	VT4000000006111	1/2 - 1 Mile NNE
11	VT4000000005691	1/2 - 1 Mile East
12	VT4000000005641	1/2 - 1 Mile ESE
13	VT4000000005470	1/2 - 1 Mile SW
14	VT4000000005643	1/2 - 1 Mile ESE
15	VT4000000006101	1/2 - 1 Mile NW
16	VT4000000005814	1/2 - 1 Mile West
17	VT4000000005396	1/2 - 1 Mile SSW
18	VT4000000005512	1/2 - 1 Mile ESE
C19	VT4000000005355	1/2 - 1 Mile South
C20	VT4000000005347	1/2 - 1 Mile South
C21	VT4000000005346	1/2 - 1 Mile South
22	VT4000000006199	1/2 - 1 Mile NNW
D23	VT4000000005340	1/2 - 1 Mile SSW
D24	VT4000000005328	1/2 - 1 Mile SSW
25	VT4000000005433	1/2 - 1 Mile SE

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
26	VT4000000005474	1/2 - 1 Mile SE
E27	VT4000000005283	1/2 - 1 Mile South
28	VT4000000005767	1/2 - 1 Mile East
E29	VT4000000005270	1/2 - 1 Mile South

# PHYSICAL SETTING SOURCE MAP - 4071125.2s



- 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: 29 Sage Street  
 ADDRESS: 29 Sage Street  
 North Bennington VT 05257  
 LAT/LONG: 42.93 / 73.2391

CLIENT: Weston & Sampson Engineers, Inc  
 CONTACT: Jim Rose  
 INQUIRY #: 4071125.2s  
 DATE: September 19, 2014 4:59 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**NNW**  
**0 - 1/8 Mile**  
**Higher**

**VT WELLS      VT400000005775**

Recordid:	85864	Town:	Bennington
Wellreport:	367	Tag:	7-248
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	23 Clyde (Jack) Frost Frost Inc		
Ownersfirs:	Not Reported	Ownerslast:	Blue Heron
Datecomple:	15-APR-91	Datereceiv:	24-APR-91
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	140		
Yieldgpm:	40		
Staticwate:	20		
Overburden:	0		
Casingleng:	135		
Casingdiam:	6		
Casinglbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiam:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Rotary (AP)
Casingfini:	Above ground, finished	Casingseal:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegjsn:	BI367
Latdegree:	42	Latminutes:	55
Latseconds:	51.2219009399414	Longdegree:	73
Longminute:	14	Longsecond:	23.6040000915527
Locdetermi:	screen digitized		
E911addres:	Not Reported		
Welltype:	Gravel		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	3394	Uoe:	Not Reported
Doe:	29-SEP-97	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005775

**2**  
**ESE**  
**0 - 1/8 Mile**  
**Higher**

**VT WELLS VT4000000005706**

Recordid: 85998	Town: Bennington	
Wellreport: 2808	Tag: 7-867	
Mapcell: 19A2	Taxmap: Not Reported	
Subdivisio: Not Reported	Lotnumber: Not Reported	
Driller: 23 Clyde (Jack) Frost Frost Inc	Ownerslast: Tom	Outwater
Ownersfirs: Tom	Dateceiv: 03-JAN-97	06-MAY-97
Datecomple: 03-JAN-97	Purchaserl: Not Reported	Not Reported
Purchaserf: Not Reported		
Welldepth: 140		
Yieldgpm: 25		
Staticwate: 20		
Overburden: 120		
Casingleng: 130		
Casingdiam: 6		
Casinglbel: 0		
Casingmate: Not Reported		
Casingweig: 0		
Linerlengt: 0		
Linerdiame: 0		
Linermater: Not Reported		
Linerweigh: 0		
Grouttype: Not Reported		
Diameterdr: 0		
Depthdrill: 0		
Screenmake: Not Reported	Screenmate: Not Reported	
Screenleng: 0		
Screendiam: 0		
Screenslot: 0		
Depthofscr: 0		
Gravelsize: Not Reported	Welluse: Domestic	
Wellreason: New Supply	Drillingme: Rotary (AP)	
Casingfini: Above ground, finished	Casingseal: Drive shoe only	
Yieldtestm: Compressed air	Welldevelo: Not Reported	
Notsteelca: 0	Overflowin: 0	
Wateranaly: 0	Wellscreen: 0	
Awpartial: 0	Uniquegism: BI2808	
Latdegree: 42	Latminutes: 55	
Latseconds: 45.9000015258789	Longdegree: 73	
Longminute: 14	Longsecond: 15.1260004043579	
Locdetermi: screen digitized		
E911adres: Not Reported		
Welltype: Not Reported		
Casingle 1: 0		
Depthtolin: 0		
Hydrofract: 0		
Hydrofra 1: 0		
Welllocsub: N	Sealtype: Not Reported	
Yieldtestt: 0		
Recordnumb: 3528	Uoe: Not Reported	
Doe: 29-SEP-97	Uoc: GISLatLongUpdater	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005706

**A3  
NW  
0 - 1/8 Mile  
Higher**

**VT WELLS VT4000000005781**

Recordid: 85873	Town: Bennington	
Wellreport: 376	Tag: 7-248A	
Mapcell: 19A2	Taxmap: Not Reported	
Subdivisio: Not Reported	Lotnumber: Not Reported	
Driller: 23 Clyde (Jack) Frost Frost Inc	Ownerslast: Blue Heron	
Ownersfirs: Not Reported	Datereceiv: 16-JUL-91	
Datecomple: 09-JUL-91	Purchaserl: Not Reported	
Purchaserf: Not Reported		
Welldepth: 160		
Yieldgpm: 25		
Staticwate: 20		
Overburden: 100		
Casingleng: 147		
Casingdiam: 6		
Casinglbel: 0		
Casingmate: Not Reported		
Casingweig: 0		
Linerlengt: 0		
Linerdiame: 0		
Linermater: Not Reported		
Linerweigh: 0		
Grouttype: Not Reported		
Diameterdr: 0		
Depthdrill: 0		
Screenmake: Not Reported	Screenmate: Not Reported	
Screenleng: 0		
Screendiam: 0		
Screenslot: 0		
Depthofscr: 0		
Gravelsize: Not Reported	Welluse: Domestic	
Wellreason: Deepened existing well	Drillingme: Rotary (AP)	
Casingfini: Above ground, finished	Casingseal: Drive shoe only	
Yieldtestm: Compressed air	Welldevelo: Not Reported	
Notsteelca: 0	Overflowin: 0	
Wateranaly: 0	Wellscreen: 0	
Awpartial: 0	Uniquегisn: BI376	
Latdegree: 42	Latminutes: 55	
Latseconds: 51.779899597168	Longdegree: 73	
Longminute: 14	Longsecond: 25.1700000762939	
Locdetermi: screen digitized		
E911adres: Not Reported		
Welltype: Gravel		
Casingle 1: 0		
Depthtolin: 0		
Hydrofract: 0		
Hydrofra 1: 0		
Welllocsub: N	Sealtype: Not Reported	
Yieldtestt: 0		
Recordnumb: 3403	Uoe: Not Reported	
Doe: 29-SEP-97	Uoc: GISLatLongUpdater	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005781

4

**North  
1/4 - 1/2 Mile  
Higher**

**VT WELLS VT4000000005967**

Recordid:	134014	Town:	Shaftsbury
Wellreport:	203	Tag:	Not Reported
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	1 Bill Woodcock Woodcock Brothers		
Ownersfirs:	CLIFFORD	Ownerslast:	GROAT
Datecomple:	08-JUN-78	Datereceiv:	31-JUL-78
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	51		
Yieldgpm:	15		
Staticwate:	4		
Overburden:	0		
Casingleng:	51		
Casingdiam:	6		
Casinglbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	Not Reported	Drillingme:	Cable tool
Casingfini:	Not Reported	Casingseal:	Not Reported
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisn:	SH203
Latdegree:	42	Latminutes:	56
Latseconds:	5.49590015411377	Longdegree:	73
Longminute:	14	Longsecond:	21.923999786377
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Gravel		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	51549	Uoe:	Not Reported
Doe:	08-AUG-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005967

5

**North  
1/4 - 1/2 Mile  
Higher**

**VT WELLS VT4000000006002**

Recordid:	134206	Town:	Shaftsbury
Wellreport:	396	Tag:	55/95
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	53 Richard Stromberg Green Mt Well Co Inc	Ownerslast:	COLLIANO
Ownersfirs:	SAM	Datereceiv:	30-OCT-95
Datecomple:	11-OCT-95	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	400		
Yieldgpm:	1		
Staticwate:	10		
Overburden:	90		
Casingleng:	110		
Casingdiam:	6		
Casinglbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Rotary (AP)
Casingfini:	Above ground, unfinished	Casingseal:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	SH396
Latdegree:	42	Latminutes:	56
Latseconds:	7.72200012207031	Longdegree:	73
Longminute:	14	Longsecond:	17.4599990844727
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	51741	Uoe:	Not Reported
Doe:	08-AUG-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000006002

**6**  
**SSW**  
**1/4 - 1/2 Mile**  
**Higher**

**VT WELLS VT4000000005514**

Recordid:	161197	Town:	Bennington
Wellreport:	11153	Tag:	11153
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Royal St	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	Jim	Ownerslast:	Codine
Datecomple:	10-NOV-99	Datereceiv:	17-FEB-00
Purchaserf:	Not Reported	Purchaserl:	Blue Heron Construction
Welldepth:	125		
Yieldgpm:	0		
Staticwate:	0		
Overburden:	0		
Casingleng:	100		
Casingdiam:	6		
Casinglbel:	98.8		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisn:	BI11153
Latdegree:	42	Latminutes:	55
Latseconds:	28.0198993682861	Longdegree:	73
Longminute:	14	Longsecond:	32.9220008850098
Locdetermi:	screen digitized		
E911adres:	Royal Street		
Welltype:	Gravel		
Casingle 1:	1.2		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	78742	Uoe:	CATHYD
Doe:	08-MAR-00	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005514

7

**North  
1/4 - 1/2 Mile  
Higher**

**VT WELLS VT4000000006051**

Recordid:	171784	Town:	Shaftsbury
Wellreport:	16882	Tag:	16882
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	23 Clyde (Jack) Frost Frost Inc	Ownerslast:	Steck
Ownersfirs:	Gordon	Datereceiv:	10-JUN-02
Datecomple:	28-JUN-01	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	680		
Yieldgpm:	6		
Staticwate:	23		
Overburden:	13		
Casingleng:	40		
Casingdiam:	6		
Casinglbel:	38.2		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisl:	SH16882
Latdegree:	42	Latminutes:	56
Latseconds:	12.4799995422363	Longdegree:	73
Longminute:	14	Longsecond:	22.2000007629395
Locdetermi:	GPS location		
E911adres:	247 Lamb Rd		
Welltype:	Bedrock		
Casingle 1:	1.79		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	Not Reported
Yieldtestt:	1		
Recordnumb:	89382	Uoe:	GARYH
Doe:	26-NOV-02	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000006051

**B8  
NNE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000006088**

Recordid:	176831	Town:	Bennington
Wellreport:	24791	Tag:	24791
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	John	Ownerslast:	Cicirello
Datecomple:	14-JAN-04	Datereceiv:	17-MAR-04
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	520		
Yieldgpm:	28		
Staticwate:	20		
Overburden:	58		
Casingleng:	75		
Casingdiam:	6		
Casinglbel:	73		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	Replace existing supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	BI24791
Latdegree:	42	Latminutes:	56
Latseconds:	16.5841007232666	Longdegree:	73
Longminute:	14	Longsecond:	9.38399982452393
Locdetermi:	Welldriller/Clarion		
E911adres:	46 Lamb Road		
Welltype:	Bedrock		
Casingle 1:	2		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	Not Reported
Yieldtestt:	1		
Recordnumb:	94509	Uoe:	MARYT
Doe:	22-JUL-04	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000006088

**9**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**VT WELLS VT4000000005493**

Recordid:	85865	Town:	Bennington
Wellreport:	368	Tag:	165
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	Andy	Ownerslast:	Pate, Builder
Datecomple:	07-NOV-90	Datereceiv:	30-APR-91
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	165		
Yieldgpm:	30		
Staticwate:	30		
Overburden:	18		
Casingleng:	25		
Casingdiam:	6		
Casingbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Rotary (AP)
Casingfini:	Above ground, finished	Casingseal:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquегisn:	BI368
Latdegree:	42	Latminutes:	55
Latseconds:	23.580099105835	Longdegree:	73
Longminute:	14	Longsecond:	48.2039985656738
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	3395	Uoe:	Not Reported
Doe:	29-SEP-97	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT400000005493

**B10  
NNE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT400000006111**

Recordid:	133812	Town:	Shaftsbury
Wellreport:	1	Tag:	10-014-001
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	16 H Allen Follett A & W Artesian Well Co Inc	Ownerslast:	TUTHILL
Ownersfirs:	REAVES	Datereceiv:	04-AUG-66
Datecomple:	22-JUL-66	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	200		
Yieldgpm:	2		
Staticwate:	12		
Overburden:	0		
Casingleng:	121		
Casingdiam:	6		
Casinglbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	Not Reported	Drillingme:	Rotary (AP)
Casingfini:	Not Reported	Casingseal:	Not Reported
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisp:	SH1
Latdegree:	42	Latminutes:	56
Latseconds:	18.2341003417969	Longdegree:	73
Longminute:	14	Longsecond:	7.85400009155273
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	51347	Uoe:	Not Reported
Doe:	08-AUG-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000006111

**11  
East  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005691**

Recordid:	168307	Town:	Bennington
Wellreport:	16885	Tag:	16885
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	William	Ownerslast:	Berry
Datecomple:	16-JUL-01	Datereceiv:	26-DEC-01
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	660		
Yieldgpm:	8		
Staticwate:	37		
Overburden:	13		
Casingleng:	40		
Casingdiam:	6		
Casinglbel:	38		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisp:	BI16885
Latdegree:	42	Latminutes:	55
Latseconds:	44.4001007080078	Longdegree:	73
Longminute:	13	Longsecond:	36.8400001525879
Locdetermi:	GPS location		
E911address:	Overly Rd North Bennington		
Welltype:	Bedrock		
Casingle 1:	2		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	Not Reported
Yieldtestt:	1		
Recordnumb:	85872	Uoe:	SHEILAL
Doe:	04-JAN-02	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005691

**12  
ESE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005641**

Recordid:	171761	Town:	Bennington
Wellreport:	17862	Tag:	17862
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	Craig	Ownerslast:	Harrington
Datecomple:	22-MAR-02	Datereceiv:	10-JUN-02
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	240		
Yieldgpm:	20		
Staticwate:	28		
Overburden:	7		
Casingleng:	102		
Casingdiam:	6		
Casinglbel:	100		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisp:	BI17862
Latdegree:	42	Latminutes:	55
Latseconds:	40.5059013366699	Longdegree:	73
Longminute:	13	Longsecond:	37.560001373291
Locdetermi:	GPS location		
E911adres:	191 Mat Drive		
Welltype:	Bedrock		
Casingle 1:	2		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Y	Sealtype:	Not Reported
Yieldtestt:	1		
Recordnumb:	89359	Uoe:	GARYH
Doe:	25-NOV-02	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005641

**13  
SW  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005470**

Recordid:	164770	Town:	Bennington
Wellreport:	14437	Tag:	14437
Mapcell:	19B4	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	196 Frederick Morey Morey Well Servicing		
Ownersfirs:	David	Ownerslast:	Kelso
Datecomple:	10-AUG-00	Datereceiv:	15-AUG-00
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	580		
Yieldgpm:	20		
Staticwate:	95		
Overburden:	5		
Casingleng:	44		
Casingdiam:	6		
Casinglbel:	40		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	BI14437
Latdegree:	42	Latminutes:	55
Latseconds:	20.4118995666504	Longdegree:	73
Longminute:	14	Longsecond:	54.6599998474121
Locdetermi:	screen digitized		
E911adres:	457 Park St		
Welltype:	Not Reported		
Casingle 1:	4		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	82316	Uoe:	LAURAL
Doe:	06-NOV-00	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005470

**14  
ESE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005643**

Recordid:	184902	Town:	Bennington
Wellreport:	35584	Tag:	35584
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	3
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	Mark & Mary	Ownerslast:	Rodger
Datecomple:	20-OCT-06	Datereceiv:	04-JAN-07
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	380		
Yieldgpm:	30		
Staticwate:	38		
Overburden:	1		
Casingleng:	80		
Casingdiam:	6		
Casinglbel:	77.59		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	21		
Linerdiame:	5		
Linermater:	Steel		
Linerweigh:	13		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisp:	BI35584
Latdegree:	42	Latminutes:	55
Latseconds:	40.5999984741211	Longdegree:	73
Longminute:	13	Longsecond:	30.7000007629395
Locdetermi:	Not Reported		
E911adres:	Matt Drive		
Welltype:	Bedrock		
Casingle 1:	2.4		
Depthtolin:	231		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	jazzwell
Yieldtestt:	4		
Recordnumb:	102659	Uoe:	MARYT
Doe:	18-JUL-07	Uoc:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005643

**15  
NW  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000006101**

Recordid:	161586	Town:	Shaftsbury
Wellreport:	11802	Tag:	11802
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	23 Clyde (Jack) Frost Frost Inc	Ownerslast:	Blake
Ownersfirs:	Richard	Datereceiv:	20-SEP-99
Datecomple:	20-JUL-99	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	400		
Yieldgpm:	2		
Staticwate:	15		
Overburden:	60		
Casingleng:	88		
Casingdiam:	6		
Casinglbel:	87		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	Replace existing supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisp:	SH11802
Latdegree:	42	Latminutes:	56
Latseconds:	17.826000213623	Longdegree:	73
Longminute:	14	Longsecond:	57.8160018920898
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	1		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	79131	Uoe:	MARIONO
Doe:	21-APR-00	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000006101

**16  
West  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005814**

Recordid:	85723	Town:	Bennington
Wellreport:	222	Tag:	Not Reported
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	16 H Allen Follett A & W Artesian Well Co Inc	Ownerslast:	ALVARADO
Ownersfirs:	DONALD	Datereceiv:	30-SEP-83
Datecomple:	19-SEP-83	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	495		
Yieldgpm:	0		
Staticwate:	0		
Overburden:	10		
Casingleng:	20		
Casingdiam:	6		
Casinglbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	Replace existing supply	Drillingme:	Rotary (AP)
Casingfini:	Above ground, finished	Casingseal:	Other
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquегisn:	BI222
Latdegree:	42	Latminutes:	55
Latseconds:	54.3120994567871	Longdegree:	73
Longminute:	15	Longsecond:	15.8459997177124
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	3252	Uoe:	Not Reported
Doe:	23-DEC-09	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005814

**17**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**VT WELLS VT4000000005396**

Recordid: 85866	Town: Bennington	
Wellreport: 369	Tag: 166	
Mapcell: 19A2	Taxmap: Not Reported	
Subdivisio: Not Reported	Lotnumber: Not Reported	
Driller: 93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs: Gregg	Ownerslast: Melden	
Datecomple: 07-NOV-90	Datereceiv: 30-APR-91	
Purchaserf: Andy	Purchaserl: Pate, Builder	
Welldepth: 205		
Yieldgpm: 50		
Staticwate: 20		
Overburden: 7		
Casingleng: 20		
Casingdiam: 6		
Casingbel: 0		
Casingmate: Not Reported		
Casingweig: 0		
Linerlengt: 0		
Linerdiame: 0		
Linermater: Not Reported		
Linerweigh: 0		
Grouttype: Not Reported		
Diameterdr: 0		
Depthdrill: 0		
Screenmake: Not Reported	Screenmate: Not Reported	
Screenleng: 0		
Screendiam: 0		
Screenslot: 0		
Depthofscr: 0		
Gravelsize: Not Reported	Welluse: Domestic	
Wellreason: New Supply	Drillingme: Rotary (AP)	
Casingfini: Above ground, finished	Casingseal: Drive shoe only	
Yieldtestm: Compressed air	Welldevelo: Not Reported	
Notsteelca: 0	Overflowin: 0	
Wateranaly: 0	Wellscreen: 0	
Awpartial: 0	Uniquegisn: BI369	
Latdegree: 42	Latminutes: 55	
Latseconds: 12.1199998855591	Longdegree: 73	
Longminute: 14	Longsecond: 49.6259994506836	
Locdetermi: screen digitized		
E911adres: Not Reported		
Welltype: Not Reported		
Casingle 1: 0		
Depthtolin: 0		
Hydrofract: 0		
Hydrofra 1: 0		
Welllocsub: N	Sealtype: Not Reported	
Yieldtestt: 0		
Recordnumb: 3396	Uoe: Not Reported	
Doe: 29-SEP-97	Uoc: GISLatLongUpdater	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005396

**18  
ESE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005512**

Recordid:	85629	Town:	Bennington
Wellreport:	124	Tag:	Not Reported
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	26 Stanley Lundin Carlson & Lundin Well Inc	Ownerslast:	VAN ORMAN
Ownersfirs:	FLOYD	Datereceiv:	25-JAN-79
Datecomple:	08-DEC-78	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	403		
Yieldgpm:	2		
Staticwate:	30		
Overburden:	30		
Casingleng:	42		
Casingdiam:	6		
Casingbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	Not Reported	Drillingme:	Rotary (AP)
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	BI124
Latdegree:	42	Latminutes:	55
Latseconds:	27.3600997924805	Longdegree:	73
Longminute:	13	Longsecond:	31.1580009460449
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	3158	Uoe:	Not Reported
Doe:	23-DEC-09	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005512

**C19  
South  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005355**

Recordid:	85596	Town:	Bennington
Wellreport:	89	Tag:	Not Reported
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	16 H Allen Follett A & W Artesian Well Co Inc	Ownerslast:	CAMPBELL
Ownersfirs:	Not Reported	Datereceiv:	09-JUN-76
Datecomple:	10-MAY-76	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	275		
Yieldgpm:	40		
Staticwate:	7		
Overburden:	160		
Casingleng:	170		
Casingdiam:	6		
Casinglbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	Not Reported	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Other
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	BI89
Latdegree:	42	Latminutes:	55
Latseconds:	5.2020001411438	Longdegree:	73
Longminute:	14	Longsecond:	27.8460006713867
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	3125	Uoe:	Not Reported
Doe:	23-DEC-09	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005355

**C20  
South  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005347**

Recordid:	85840	Town:	Bennington
Wellreport:	343	Tag:	7-148
Mapcell:	19A3	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	23 Clyde (Jack) Frost Frost Inc	Ownerslast:	Blue Heron Construction
Ownersfirs:	Not Reported	Datereceiv:	04-JUN-90
Datecomple:	29-MAY-90	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	500		
Yieldgpm:	2		
Staticwate:	20		
Overburden:	17		
Casingleng:	80		
Casingdiam:	6		
Casinglbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Rotary (AP)
Casingfini:	Above ground, finished	Casingseal:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	BI343
Latdegree:	42	Latminutes:	55
Latseconds:	4.8060998916626	Longdegree:	73
Longminute:	14	Longsecond:	29.2859992980957
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	3370	Uoe:	Not Reported
Doe:	29-SEP-97	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005347

**C21  
South  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005346**

Recordid:	85841	Town:	Bennington
Wellreport:	344	Tag:	7-149
Mapcell:	19A3	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	23 Clyde (Jack) Frost Frost Inc	Ownerslast:	Blue Heron Construction
Ownersfirs:	Not Reported	Datereceiv:	04-JUN-90
Datecomple:	30-MAY-90	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	160		
Yieldgpm:	30		
Staticwate:	30		
Overburden:	25		
Casingleng:	50		
Casingdiam:	6		
Casinglbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Rotary (AP)
Casingfini:	Above ground, finished	Casingseal:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	BI344
Latdegree:	42	Latminutes:	55
Latseconds:	4.80009984970093	Longdegree:	73
Longminute:	14	Longsecond:	30.0599994659424
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	3371	Uoe:	Not Reported
Doe:	29-SEP-97	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT400000005346

**22  
NNW  
1/2 - 1 Mile  
Higher**

**VT WELLS VT400000006199**

Recordid:	185474	Town:	Shaftsbury
Wellreport:	46230	Tag:	46230
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	Timothy & Aimee	Ownerslast:	Davis
Datecomple:	10-MAY-07	Datereceiv:	18-JUL-07
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	600		
Yieldgpm:	6		
Staticwate:	27		
Overburden:	68		
Casingleng:	80		
Casingdiam:	6		
Casinglbel:	78		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	SH46230
Latdegree:	42	Latminutes:	56
Latseconds:	25.8999996185303	Longdegree:	73
Longminute:	14	Longsecond:	52.2999992370605
Locdetermi:	Not Reported		
E911adres:	398 Elm Street		
Welltype:	Bedrock		
Casingle 1:	2		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	Not Reported
Yieldtestt:	1		
Recordnumb:	103233	Uoe:	MARYT
Doe:	09-AUG-07	Uoc:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 12-OCT-09 Site id: VT4000000006199

**D23  
SSW  
1/2 - 1 Mile  
Lower**

**VT WELLS VT4000000005340**

Recordid:	187658	Town:	Bennington
Wellreport:	40457	Tag:	40457
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	Karen	Ownerslast:	Gover
Datecomplete:	19-NOV-08	Datereceiv:	15-DEC-08
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	280		
Yieldgpm:	25		
Staticwate:	62		
Overburden:	68		
Casingleng:	160		
Casingdiam:	6		
Casinglbel:	158		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	BI40457
Latdegree:	42	Latminutes:	55
Latseconds:	3.40000009536743	Longdegree:	73
Longminute:	14	Longsecond:	42.7000007629395
Locdetermi:	Not Reported		
E911adres:	25 Asa's Way		
Welltype:	Bedrock		
Casingle 1:	2		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	Not Reported
Yieldtestt:	3		
Recordnumb:	105459	Uoe:	MARYT
Doe:	17-DEC-08	Uoc:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT400000005340

**D24  
SSW  
1/2 - 1 Mile  
Higher**

**VT WELLS VT400000005328**

Recordid:	182518	Town:	Bennington
Wellreport:	35513	Tag:	35513
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	13
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	Jeff & Carey	Ownerslast:	Whitesell
Datecomplete:	24-FEB-06	Datereceiv:	28-MAR-06
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	260		
Yieldgpm:	80		
Staticwate:	37		
Overburden:	32		
Casingleng:	80		
Casingdiam:	6		
Casinglbel:	78		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	BI35513
Latdegree:	42	Latminutes:	55
Latseconds:	1.92009997367859	Longdegree:	73
Longminute:	14	Longsecond:	39.8400001525879
Locdetermi:	GPS location		
E911adres:	27 Asa's Way		
Welltype:	Bedrock		
Casingle 1:	2		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	Not Reported
Yieldtestt:	2		
Recordnumb:	100268	Uoe:	MARYT
Doe:	29-MAR-06	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005328

**25  
SE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005433**

Recordid:	85943	Town:	Bennington
Wellreport:	446	Tag:	452
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	C/O PAUL	Ownerslast:	SCOTT
Datecomple:	28-OCT-94	Datereceiv:	05-JAN-95
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	465		
Yieldgpm:	4		
Staticwate:	29		
Overburden:	2		
Casingleng:	20		
Casingdiam:	6		
Casingbel:	0		
Casingmate:	Not Reported		
Casingweig:	0		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Rotary (AP)
Casingfini:	Above ground, finished	Casingseal:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	BI446
Latdegree:	42	Latminutes:	55
Latseconds:	16.6319007873535	Longdegree:	73
Longminute:	13	Longsecond:	30.996000289917
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	3473	Uoe:	Not Reported
Doe:	29-SEP-97	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005433

**26  
SE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005474**

Recordid:	156598	Town:	Bennington
Wellreport:	5730	Tag:	791
Mapcell:	19A2	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	JOHN	Ownerslast:	WASILENKO
Datecomple:	26-FEB-98	Datereceiv:	11-MAR-98
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	305		
Yieldgpm:	6		
Staticwate:	32		
Overburden:	12		
Casingleng:	31		
Casingdiam:	6		
Casinglbel:	29		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	8		
Depthdrill:	25		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Rotary (AP)
Casingfini:	Above ground, unfinished	Casingseal:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	BI5730
Latdegree:	42	Latminutes:	55
Latseconds:	20.8199996948242	Longdegree:	73
Longminute:	13	Longsecond:	26.5799999237061
Locdetermi:	screen digitized		
E911adres:	Not Reported		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	74142	Uoe:	MARION
Doe:	13-APR-98	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005474

**E27  
South  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005283**

Recordid:	187110	Town:	Bennington
Wellreport:	40411	Tag:	40411
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	Jim	Ownerslast:	Sullivan
Datecomple:	12-MAR-08	Datereceiv:	25-APR-08
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	520		
Yieldgpm:	12		
Staticwate:	57		
Overburden:	65		
Casingleng:	100		
Casingdiam:	6		
Casinglbel:	98		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisp:	BI40411
Latdegree:	42	Latminutes:	54
Latseconds:	58.2999992370605	Longdegree:	73
Longminute:	14	Longsecond:	30.7000007629395
Locdetermi:	Not Reported		
E911address:	ASA's Way		
Welltype:	Bedrock		
Casingle 1:	2		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	Not Reported
Yieldtestt:	1		
Recordnumb:	104881	Uoe:	MARYT
Doe:	08-MAY-08	Uoc:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT400000005283

**28  
East  
1/2 - 1 Mile  
Higher**

**VT WELLS VT400000005767**

Recordid:	178055	Town:	Bennington
Wellreport:	27729	Tag:	27729
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	23 Clyde (Jack) Frost Frost Inc	Ownerslast:	Campbell
Ownersfirs:	Milo	Datereceiv:	30-JUL-04
Datecomple:	02-JUN-04	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	400		
Yieldgpm:	5		
Staticwate:	0		
Overburden:	10		
Casingleng:	60		
Casingdiam:	6		
Casinglbel:	58.5		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisp:	BI27729
Latdegree:	42	Latminutes:	55
Latseconds:	50.484001159668	Longdegree:	73
Longminute:	13	Longsecond:	11.8920001983643
Locdetermi:	Welldriller/Clarion		
E911adres:	554 Overlea Road		
Welltype:	Bedrock		
Casingle 1:	1.5		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Y	Sealtype:	Not Reported
Yieldtestt:	1		
Recordnumb:	95753	Uoe:	MARYT
Doe:	28-OCT-04	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000005767

**E29  
South  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000005270**

Recordid:	173879	Town:	Bennington
Wellreport:	24774	Tag:	24774
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	93 Clarence Gould Sr. Gould & Sons Well Drilling		
Ownersfirs:	Blue Heron Construction	Ownerslast:	Not Reported
Datecomple:	12-NOV-03	Datereceiv:	09-JAN-04
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	300		
Yieldgpm:	15		
Staticwate:	68		
Overburden:	28		
Casingleng:	80		
Casingdiam:	6		
Casinglbel:	77.69		
Casingmate:	Steel		
Casingweig:	17		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Not Reported		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Domestic
Wellreason:	New Supply	Drillingme:	Not Reported
Casingfini:	Not Reported	Casingseal:	Drive shoe only
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquегisn:	BI24774
Latdegree:	42	Latminutes:	54
Latseconds:	57.0959014892578	Longdegree:	73
Longminute:	14	Longsecond:	33.2159996032715
Locdetermi:	Welldriller/Clarion		
E911adres:	24 Susan Taylor Lane		
Welltype:	bedrock		
Casingle 1:	2.29		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	Not Reported
Yieldtestt:	1		
Recordnumb:	91531	Uoe:	DAWNC
Doe:	14-JAN-04	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc:

10-APR-08

Site id:

VT4000000005270

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: VT Radon

### Radon Test Results

City	# Tests	Avg Result	Std Dev	Min	Max
RUPERT	7	2.1	1.5	0.5	4.7
ARLINGTON	57	4.8	7.4	0.1	32.0
BENNINGTON	188	1.8	2.3	0.1	16.4
DORSET	68	3.5	4.4	0.1	21.7
MANCHESTER	166	3.3	5.0	0.2	29.3
PERU	3	1.7	0.7	0.9	2.2
POWNAI	22	1.7	1.4	0.3	6.6
READSBORO	4	0.7	0.2	0.5	0.9
SANDGATE	2	1.3	0.6	0.8	1.7
SHAFTSBURY	38	2.1	2.9	0.2	13.3
STAMFORD	5	1.4	1.4	0.2	3.5
SUNDERLAND	6	2.4	1.8	0.4	4.6
WINHALL	8	0.8	0.4	0.4	1.7
WOODFORD	2	1.2	0.7	0.7	1.7

Federal EPA Radon Zone for BENNINGTON County: 2

- 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.

Federal Area Radon Information for Zip Code: 05257

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	7.450 pCi/L	50%	50%	0%

# 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.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**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: Wetlands Inventory

Source: Vermont Center for Geographic Information, Inc.

Telephone: 802-882-3000

## 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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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

#### Vermont Public Drinking Water Sources

Source: ANR, Water Supply Division

Telephone: 802-241-3406

## OTHER STATE DATABASE INFORMATION

### RADON

#### State Database: VT Radon

Source: Department of Health

Telephone: 802-865-7200

Radon Test Results

#### 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 IRAA 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 State Geological Survey

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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# APPENDIX E

# **VAPOR ENCROACHMENT SCREEN**

**Prepared by: Weston & Sampson Engineers, Inc**

**8/21/2014**

## TABLE OF CONTENTS

**Executive Summary**

**Primary Map**

**Aerial Photography:**

**Map Findings**

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## EXECUTIVE SUMMARY

**BRANDON TOWN OFFICE BUILDING**  
**49 CENTER ST - ROUTE 7, BRANDON, VT,**

U004199622

Impact on Target Property: VEC Cannot Be Ruled Out

**BRANDON TOWN OFFICES**  
**49 CENTER ST, BRANDON, VT,**

S114475950

Impact on Target Property: VEC Cannot Be Ruled Out

**BRANDON TOWN HALL**  
**1 CONANT SQUARE, BRANDON, VT,**

S114487663

Impact on Target Property: VEC Can Be Ruled Out

**FORMER CUMMINGS PROPERTY**  
**37 CENTER STREET, BRANDON, VT,**

S106478989

Impact on Target Property: VEC Can Be Ruled Out

**MIDWAY MOBIL - CONANT SQUARE**  
**9.5 CONANT SQ, BRANDON, VT,**

S110522876

Impact on Target Property: VEC Can Be Ruled Out

**MYERS PROPERTY**  
**22 CENTER ST, BRANDON, VT,**

S107176136

Impact on Target Property: VEC Can Be Ruled Out

**9 1/2 CONANT SQ**  
**9 1/2 CONANT SQ, BRANDON, VT, 05733**

1015665358

Impact on Target Property: VEC Can Be Ruled Out

## EXECUTIVE SUMMARY

**9 CONANT SQ**  
**9 CONANT SQ, BRANDON, VT, 5733**

1015665495

Impact on Target Property: VEC Can Be Ruled Out

**DOWTY ELECTRONICS**  
**PROSPECT STREET, BRANDON, VT, 05733-**

S108114095

Impact on Target Property: VEC Can Be Ruled Out

**BRANDON INN**  
**20 PARK ST, RT 7, BRANDON, VT,**

S106133613

Impact on Target Property: VEC Can Be Ruled Out

**TJ'S GULF PRIDE**  
**43 CONANT SQ, BRANDON, VT, 05733**

S107778971

Impact on Target Property: VEC Can Be Ruled Out

**43 CONANT SQ**  
**43 CONANT SQ, BRANDON, VT, 5733**

1015491432

Impact on Target Property: VEC Can Be Ruled Out

**CHAMPLAIN FARMS**  
**3 GROVE ST, BRANDON, VT,**

S105700528

Impact on Target Property: VEC Can Be Ruled Out

**BRANDON LUMBER**  
**9 GROVE ST., BRANDON, VT,**

S108895243

Impact on Target Property: VEC Can Be Ruled Out

## EXECUTIVE SUMMARY

**WHELDEN COAL**  
**5 RAILROAD AVENUE, BRANDON, VT, 057733**

S107779620

Impact on Target Property: VEC Can Be Ruled Out

**BLUE SEAL FEEDS INC.**  
**38 UNION STREET, BRANDON, VT, 05733**

S107777569

Impact on Target Property: VEC Can Be Ruled Out

# primary MAP - 4028146.6s



- 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
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- SSURGO Soil

<p><b>SITE NAME:</b> Brandon Town Office  <b>ADDRESS:</b> 49 Center Street                  Brandon VT 05733  <b>LAT/LONG:</b> 43.7997 / 73.0889</p>	<p><b>CLIENT:</b> Weston &amp; Sampson Engineers, Inc  <b>CONTACT:</b> Jim Rose  <b>INQUIRY #:</b> 4028146.6s  <b>DATE:</b> August 05, 2014 7:33 pm</p>
--	---

**AERIAL PHOTOGRAPHY - 4028146.6s**



<p>SITE NAME: Brandon Town Office ADDRESS: 49 Center Street           Brandon VT 05733 LAT/LONG: 43.7997 / 73.0889</p>	<p>CLIENT: Weston &amp; Sampson Engineers, Inc CONTACT: Jim Rose INQUIRY #: 4028146.6s DATE: August 05, 2014 7:33 pm</p>
--	--

## MAP FINDINGS

**BRANDON TOWN OFFICE BUILDING**  
49 CENTER ST - ROUTE 7, BRANDON, VT,

U004199622

<b>Map ID: A1</b>	Distance: Target Property	Elevation: 419 ft. Above Sea Level	State and tribal registered storage tank lists
-------------------	------------------------------	---------------------------------------	---

**Worksheet:**

Impact on Target Property: VEC Cannot Be Ruled Out

Conditions:

Chemicals of Concern: YES

## MAP FINDINGS

**BRANDON TOWN OFFICES**  
**49 CENTER ST, BRANDON, VT,**

S114475950

<b>Map ID: A2</b>	Distance: Target Property	Elevation: 419 ft. Above Sea Level	State and tribal leaking storage tank lists Other Standard Environmental Records
-------------------	------------------------------	---------------------------------------	---

**Worksheet:**

Impact on Target Property: VEC Cannot Be Ruled Out

Conditions:

Chemicals of Concern: YES

## MAP FINDINGS

**BRANDON TOWN HALL**  
**1 CONANT SQUARE, BRANDON, VT,**

S114487663

<b>Map ID: A3</b>	Distance: WSW <1/10 (57 ft. / 0.011 mi.)	Elevation: 8 ft. Lower Elevation 411 ft. Above Sea Level	State and tribal leaking storage tank lists
-------------------	--	--	--

### Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

Soil characteristics would make vapor migration from the source or plume unlikely.

Groundwater Flow Gradient:

Downgradient: YES

Hydrogeologically: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

## MAP FINDINGS

**FORMER CUMMINGS PROPERTY  
37 CENTER STREET, BRANDON, VT,**

S106478989

<b>Map ID: A4</b>	Distance: SSE <1/10 (172 ft. / 0.033 mi.)	Elevation: 7 ft. Lower Elevation 412 ft. Above Sea Level	State and tribal - equivalent CERCLIS State and tribal leaking storage tank lists
-------------------	---	--	--

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

Soil characteristics would make vapor migration from the source or plume unlikely. The source is downgradient and beyond the critical distance.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Downgradient: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

Geological Attributes - Physical Barrier:

Other: YES

## MAP FINDINGS

**MIDWAY MOBIL - CONANT SQUARE  
9.5 CONANT SQ, BRANDON, VT,**

S110522876

<b>Map ID: A5</b>	Distance: W <1/10 (180 ft. / 0.034 mi.)	Elevation: 12 ft. Lower Elevation 407 ft. Above Sea Level	State and tribal leaking storage tank lists Other Standard Environmental Records
-------------------	---	---	---

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is downgradient and beyond the critical distance.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Downgradient: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

Geological Attributes - Physical Barrier:

Other: YES

## MAP FINDINGS

**MYERS PROPERTY**  
**22 CENTER ST, BRANDON, VT,**

S107176136

<b>Map ID: A6</b>	Distance: SSE <1/10 (184 ft. / 0.035 mi.)	Elevation: 7 ft. Lower Elevation 412 ft. Above Sea Level	State and tribal leaking storage tank lists
-------------------	---	--	--

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is downgradient and beyond the critical distance.

**Conditions:**

Petroleum Hydrocarbon Chemicals of Concern: YES

**Groundwater Flow Gradient:**

Downgradient: YES

Hydrogeologically: YES

Topographically: YES

**Geological Attributes - Hydraulic Barrier:**

River: YES

## MAP FINDINGS

9 1/2 CONANT SQ		1015665358	
9 1/2 CONANT SQ, BRANDON, VT, 05733			
<b>Map ID: A7</b>	Distance: W <1/10 (219 ft. / 0.041 mi.)	Elevation: 12 ft. Lower Elevation 407 ft. Above Sea Level	Historical Gas Stations

### Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Groundwater Flow Gradient:

Downgradient: YES

Topographically: YES

## MAP FINDINGS

<b>9 CONANT SQ</b> <b>9 CONANT SQ, BRANDON, VT, 5733</b>		1015665495	
<b>Map ID: B8</b>	Distance: W <1/10 (304 ft. / 0.057 mi.)	Elevation: 11 ft. Lower Elevation 408 ft. Above Sea Level	Historical Gas Stations

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is downgradient and beyond the critical distance.

Groundwater Flow Gradient:

Downgradient: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

## MAP FINDINGS

**DOWTY ELECTRONICS  
PROSPECT STREET, BRANDON, VT, 05733-**

S108114095

<b>Map ID: B9</b>	Distance: WNW <1/10 (442 ft. / 0.084 mi.)	Elevation: 4 ft. Lower Elevation 415 ft. Above Sea Level	State and tribal - equivalent CERCLIS State and tribal Brownfields sites Other Standard Environmental Records
-------------------	---	--	---

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is crossgradient. The distance between the source and the target property is greater than the critical distance plus a factor to account for plume width.

Conditions:  
Chemicals of Concern: YES

Groundwater Flow Gradient:  
Crossgradient: YES  
Topographically: YES

Geological Attributes - Hydraulic Barrier:  
River: YES

## MAP FINDINGS

### BRANDON INN

20 PARK ST, RT 7, BRANDON, VT,

S106133613

<b>Map ID: 10</b>	Distance: SE 1/10 - 1/3 (679 ft. / 0.129 mi.)	Elevation: 8 ft. Higher Elevation 427 ft. Above Sea Level	State and tribal leaking storage tank lists
-------------------	---	---	--

#### Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

#### Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

#### Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Topographically: YES

#### Geological Attributes - Hydraulic Barrier:

River: YES

## MAP FINDINGS

<b>TJ'S GULF PRIDE</b> <b>43 CONANT SQ, BRANDON, VT, 05733</b>			S107778971
<b>Map ID: C11</b>	Distance: W 1/10 - 1/3 (1142 ft. / 0.216 mi.)	Elevation: 3 ft. Lower Elevation 416 ft. Above Sea Level	State and tribal leaking storage tank lists Other Standard Environmental Records

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is downgradient and beyond the critical distance.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Downgradient: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

## MAP FINDINGS

43 CONANT SQ		1015491432	
43 CONANT SQ, BRANDON, VT, 5733			
<b>Map ID: C12</b>	Distance: W 1/10 - 1/3 (1142 ft. / 0.216 mi.)	Elevation: 3 ft. Lower Elevation 416 ft. Above Sea Level	Historical Gas Stations

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is downgradient and beyond the critical distance.

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Downgradient: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

## MAP FINDINGS

<b>CHAMPLAIN FARMS</b> 3 GROVE ST, BRANDON, VT,			S105700528
<b>Map ID: D13</b>	Distance: WNW 1/10 - 1/3 (1505 ft. / 0.285 mi.)	Elevation: 7 ft. Lower Elevation 412 ft. Above Sea Level	State and tribal leaking storage tank lists Other Standard Environmental Records

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is downgradient and beyond the critical distance.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Downgradient: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

## MAP FINDINGS

**BRANDON LUMBER**  
**9 GROVE ST., BRANDON, VT,**

S108895243

<b>Map ID: D14</b>	Distance: WNW 1/10 - 1/3 (1558 ft. / 0.295 mi.)	Elevation: 7 ft. Lower Elevation 412 ft. Above Sea Level	State and tribal leaking storage tank lists
--------------------	---	--	--

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is downgradient and beyond the critical distance.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Downgradient: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

## MAP FINDINGS

<b>WHELDEN COAL</b> <b>5 RAILROAD AVENUE, BRANDON, VT, 057733</b>			S107779620
<b>Map ID: E15</b>	Distance: S 1/10 - 1/3 (1734 ft. / 0.328 mi.)	Elevation: 27 ft. Lower Elevation 392 ft. Above Sea Level	State and tribal leaking storage tank lists Other Standard Environmental Records

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is downgradient and beyond the critical distance.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Downgradient: YES

Hydrogeologically: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

## MAP FINDINGS

**BLUE SEAL FEEDS INC.**  
**38 UNION STREET, BRANDON, VT, 05733**

S107777569

<b>Map ID: E16</b>	Distance: S 1/10 - 1/3 (1754 ft. / 0.332 mi.)	Elevation: 29 ft. Lower Elevation 390 ft. Above Sea Level	State and tribal - equivalent CERCLIS State and tribal leaking storage tank lists Other Standard Environmental Records
--------------------	---	---	---

**Worksheet:**

Impact on Target Property: VEC Can Be Ruled Out

Comments: The hydrologic characteristics of the physical setting suggests that vapors would not migrate from the source to the target property.

The source is downgradient and beyond the critical distance.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Downgradient: YES

Hydrogeologically: YES

Topographically: YES

Geological Attributes - Hydraulic Barrier:

River: YES

# APPENDIX F

**29 Sage Street**

29 Sage Street

North Bennington, VT 05257

Inquiry Number: 4071125.3

September 22, 2014

## Certified Sanborn® Map Report



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

# Certified Sanborn® Map Report

9/22/14

**Site Name:**

29 Sage Street  
29 Sage Street  
North Bennington, VT 05257

**Client Name:**

Weston & Sampson  
P.O. Box 189  
Waterbury, VT 05676

EDR Inquiry # 4071125.3

Contact: Jim Rose



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Weston & Sampson Engineers, Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Site Name:** 29 Sage Street  
**Address:** 29 Sage Street  
**City, State, Zip:** North Bennington, VT 05257  
**Cross Street:**  
**P.O. #** NA  
**Project:** 29 Sage Street  
**Certification #** C3B7-478E-BFC5



Sanborn® Library search results  
Certification # C3B7-478E-BFC5

### Maps Provided:

1959	1896
1941	1891
1928	1885
1921	
1906	
1901	

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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## Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1959 Source Sheets



Volume 1, Sheet 3



Volume 1, Sheet Keymap/Sheet1

### 1941 Source Sheets



Volume 1, Sheet 3

### 1928 Source Sheets



Volume 1, Sheet 3

### 1921 Source Sheets

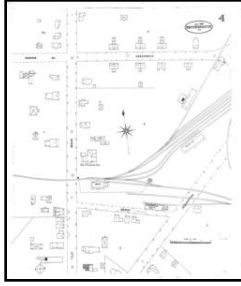


Volume 1, Sheet 3

**1906 Source Sheets**

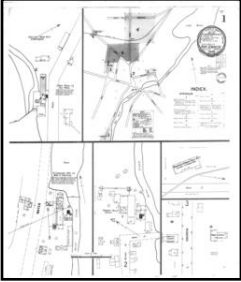


Volume 1, Sheet 2

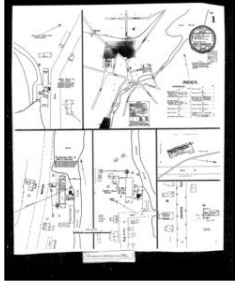


Volume 1, Sheet 4

**1901 Source Sheets**



Volume 1, Sheet Keymap/Sheet1



Volume 1, Sheet Keymap/Sheet1



Volume 1, Sheet 2

**1896 Source Sheets**



Volume 1, Sheet 1



Volume 1, Sheet 1

**1891 Source Sheets**



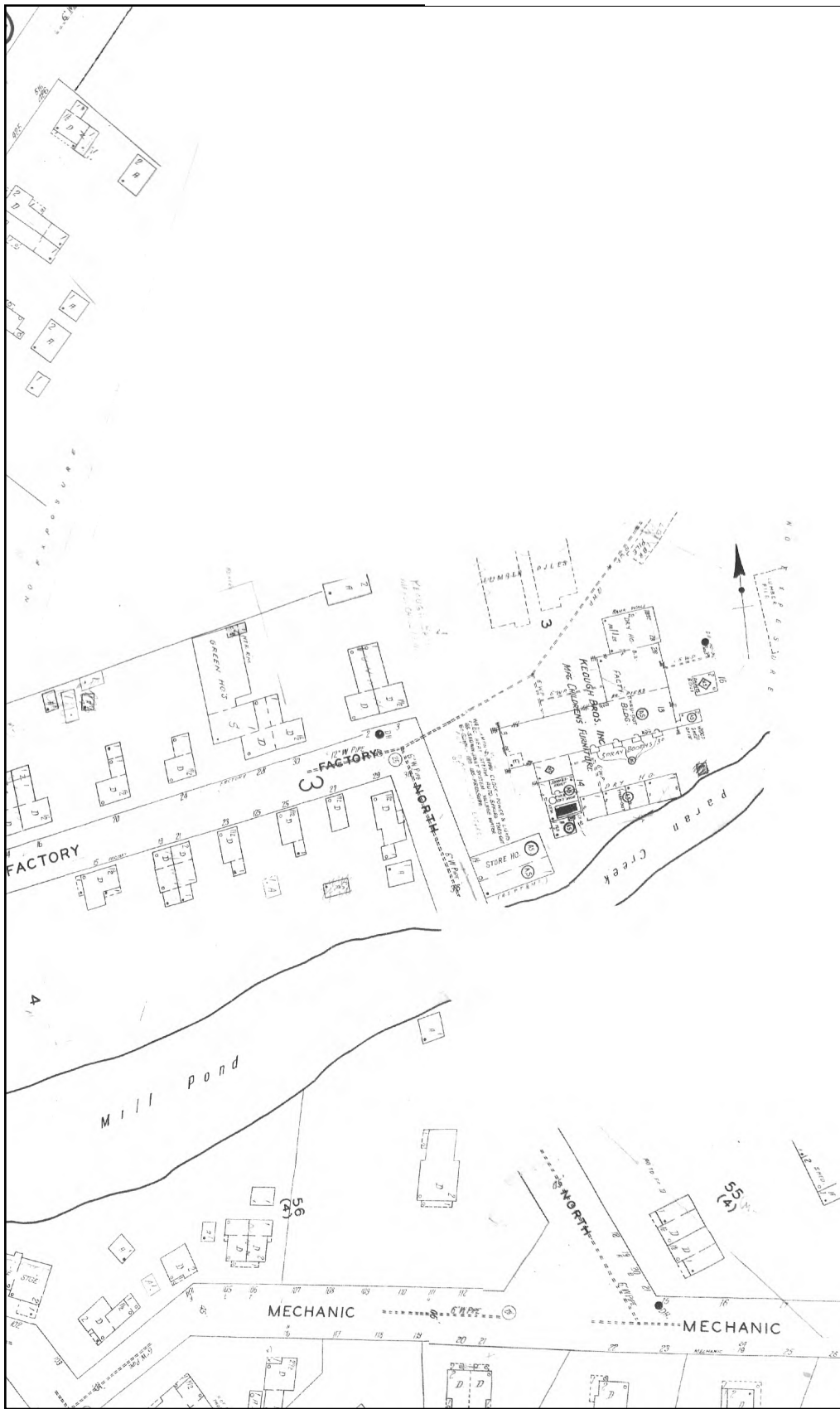
Volume 1, Sheet 1

**1885 Source Sheets**



Volume 1, Sheet 1

# 1959 Certified Sanborn Map



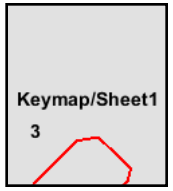
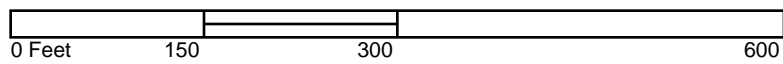
Site Name: 29 Sage Street  
 Address: 29 Sage Street  
 City, ST, ZIP: North Bennington VT 05257  
 Client: Weston & Sampson Engineers, Inc.  
 EDR Inquiry: 4071125.3  
 Order Date: 9/22/2014 9:31:03 AM  
 Certification #: C387-478E-BFC5  
 Copyright: 1959



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Certification # C387-478E-BFC5

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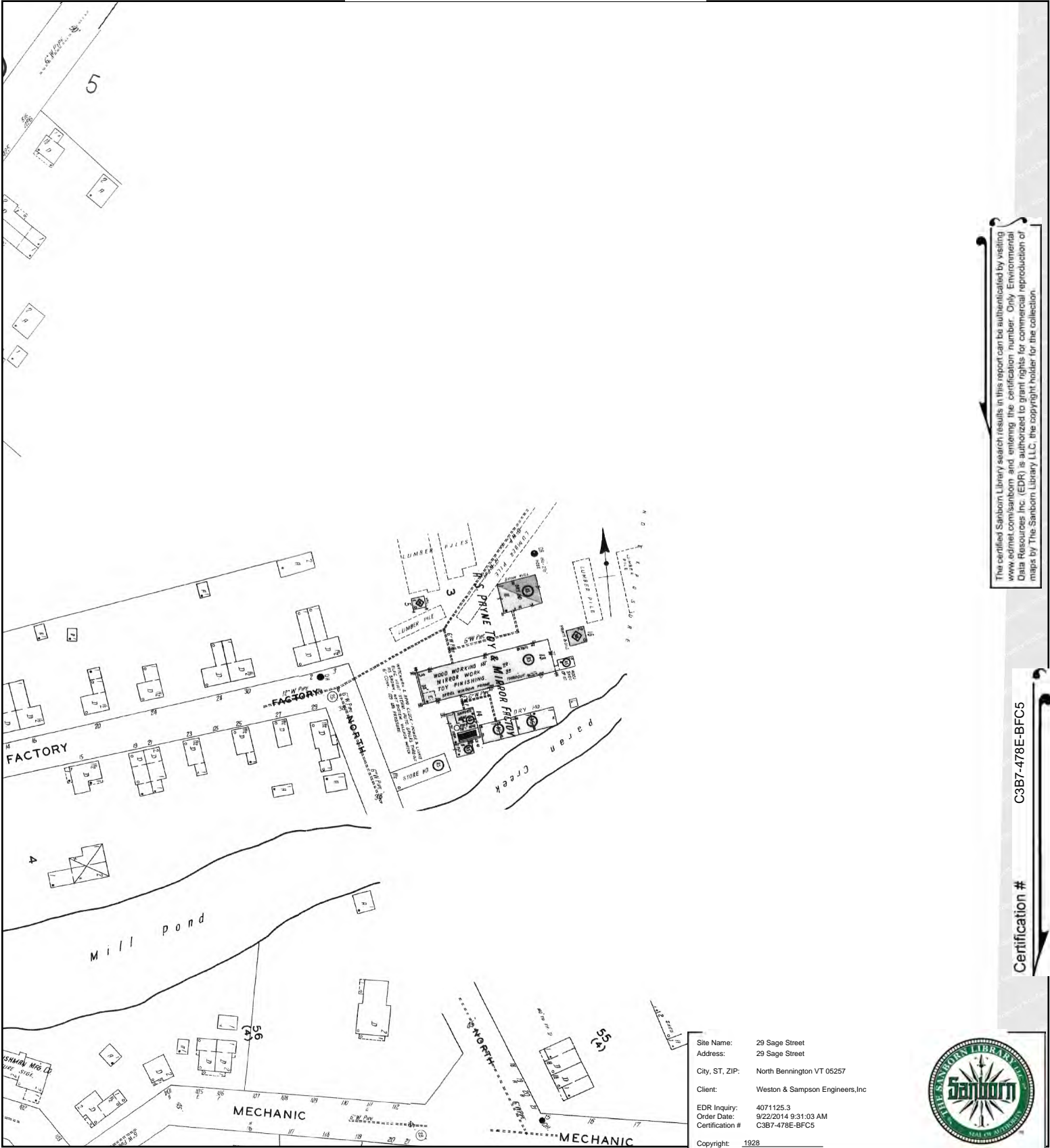


Volume 1, Sheet 3  
 Volume 1, Sheet Keymap/Sheet1





# 1928 Certified Sanborn Map

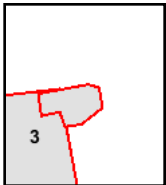
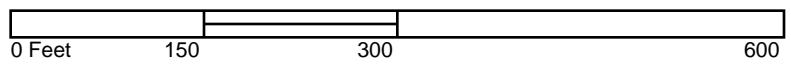


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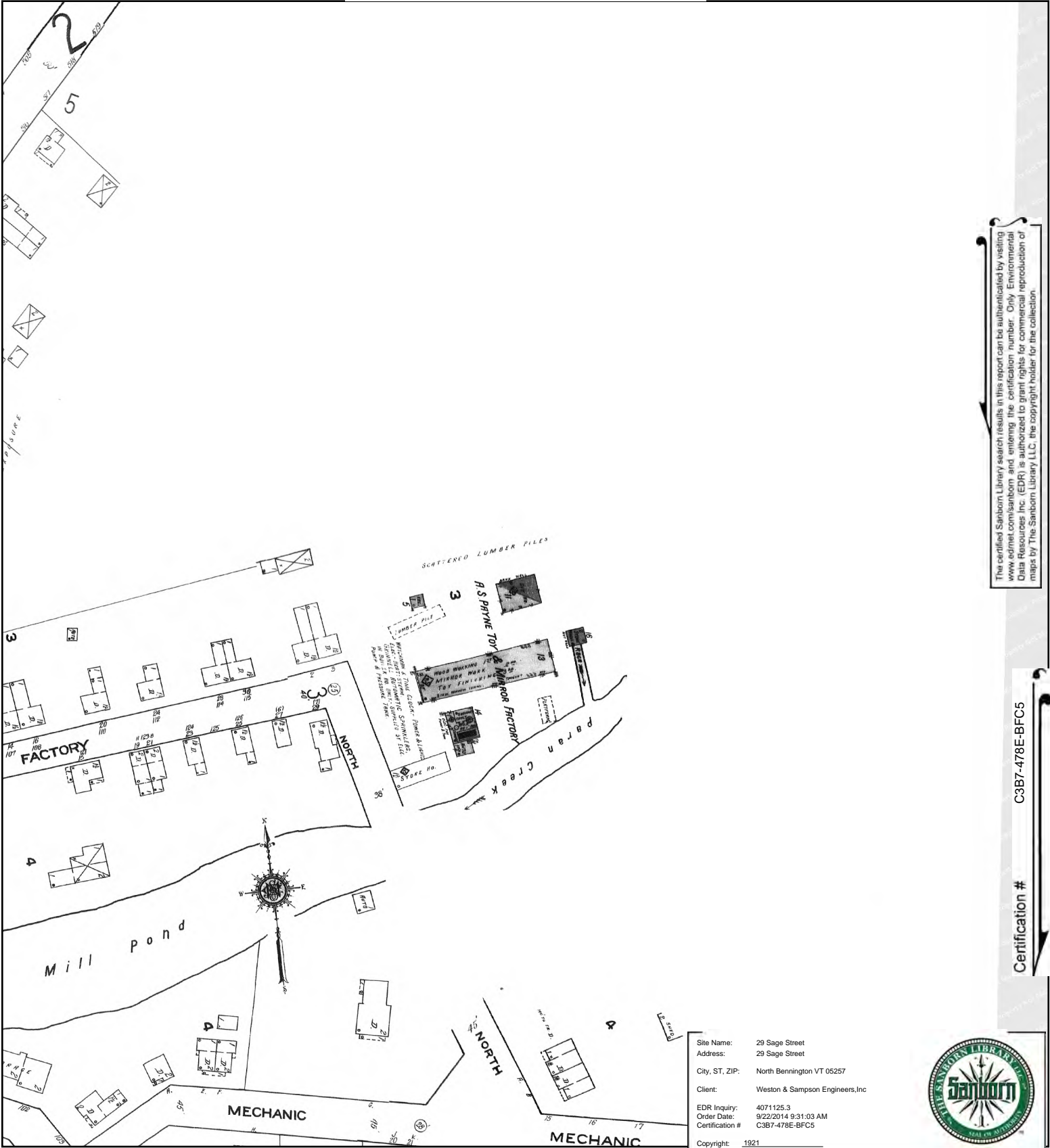
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Volume 1, Sheet 3



# 1921 Certified Sanborn Map



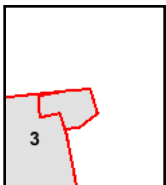
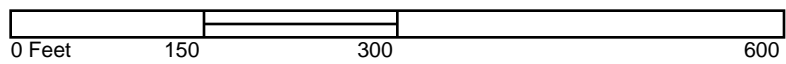
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Certification #



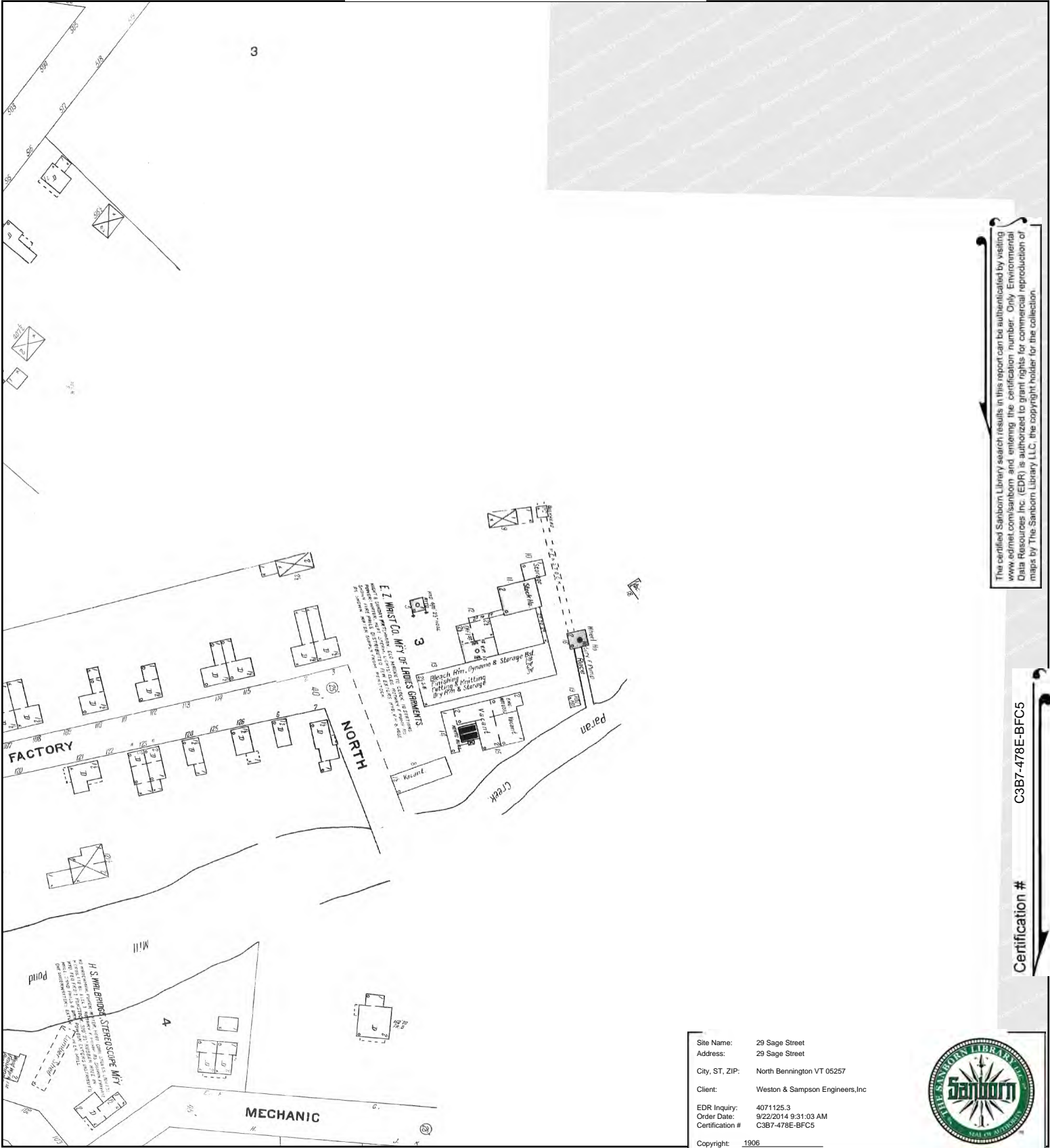
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Volume 1, Sheet 3



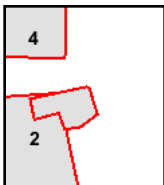
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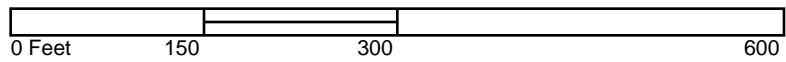
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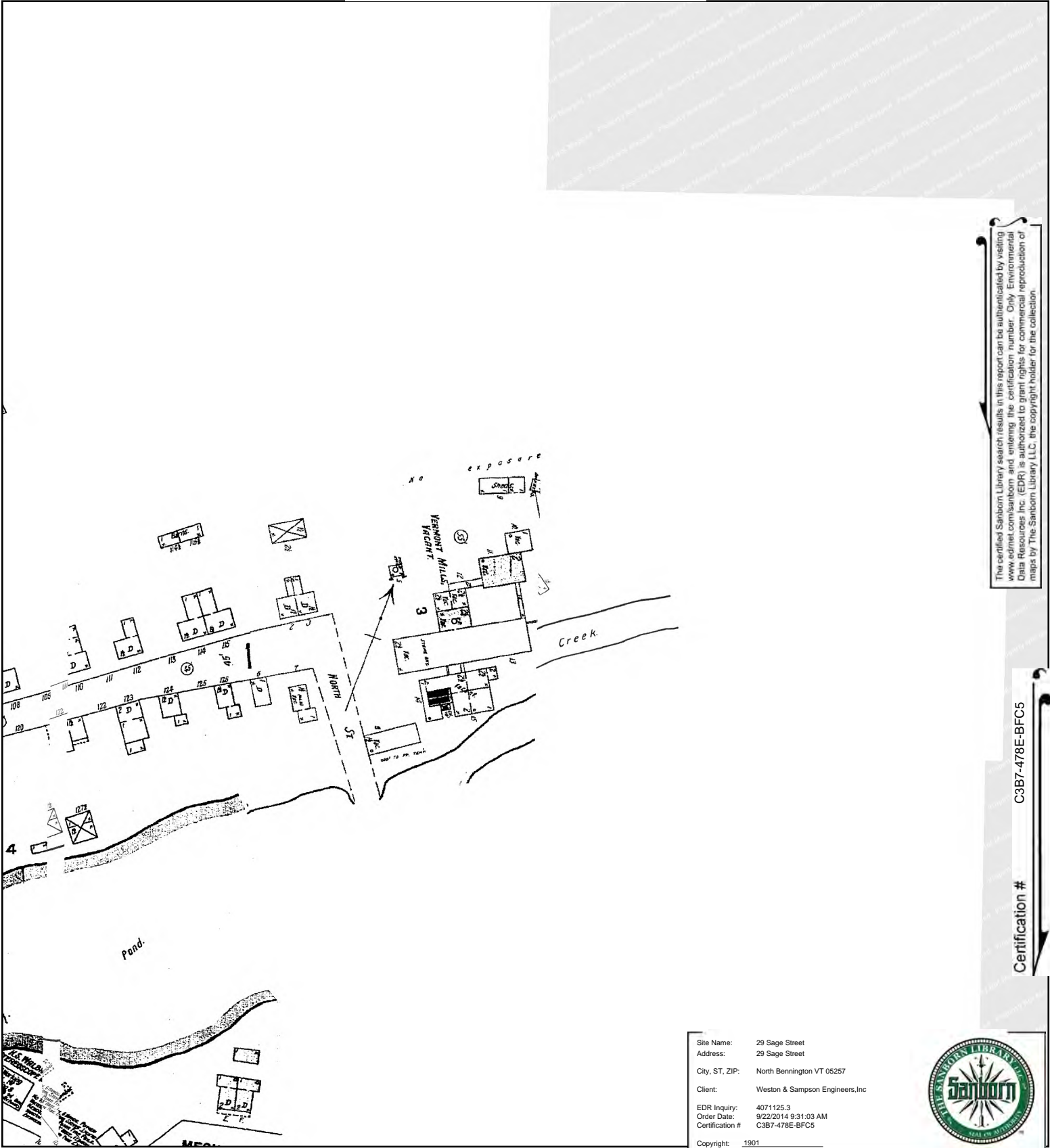
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Volume 1, Sheet 2  
Volume 1, Sheet 4



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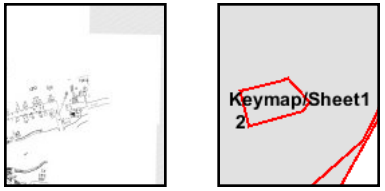
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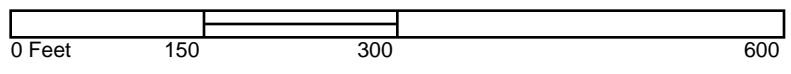
Site Name: 29 Sage Street  
 Address: 29 Sage Street  
 City, ST, ZIP: North Bennington VT 05257  
 Client: Weston & Sampson Engineers, Inc  
 EDR Inquiry: 4071125.3  
 Order Date: 9/22/2014 9:31:03 AM  
 Certification # C3B7-478E-BFC5  
 Copyright: 1901



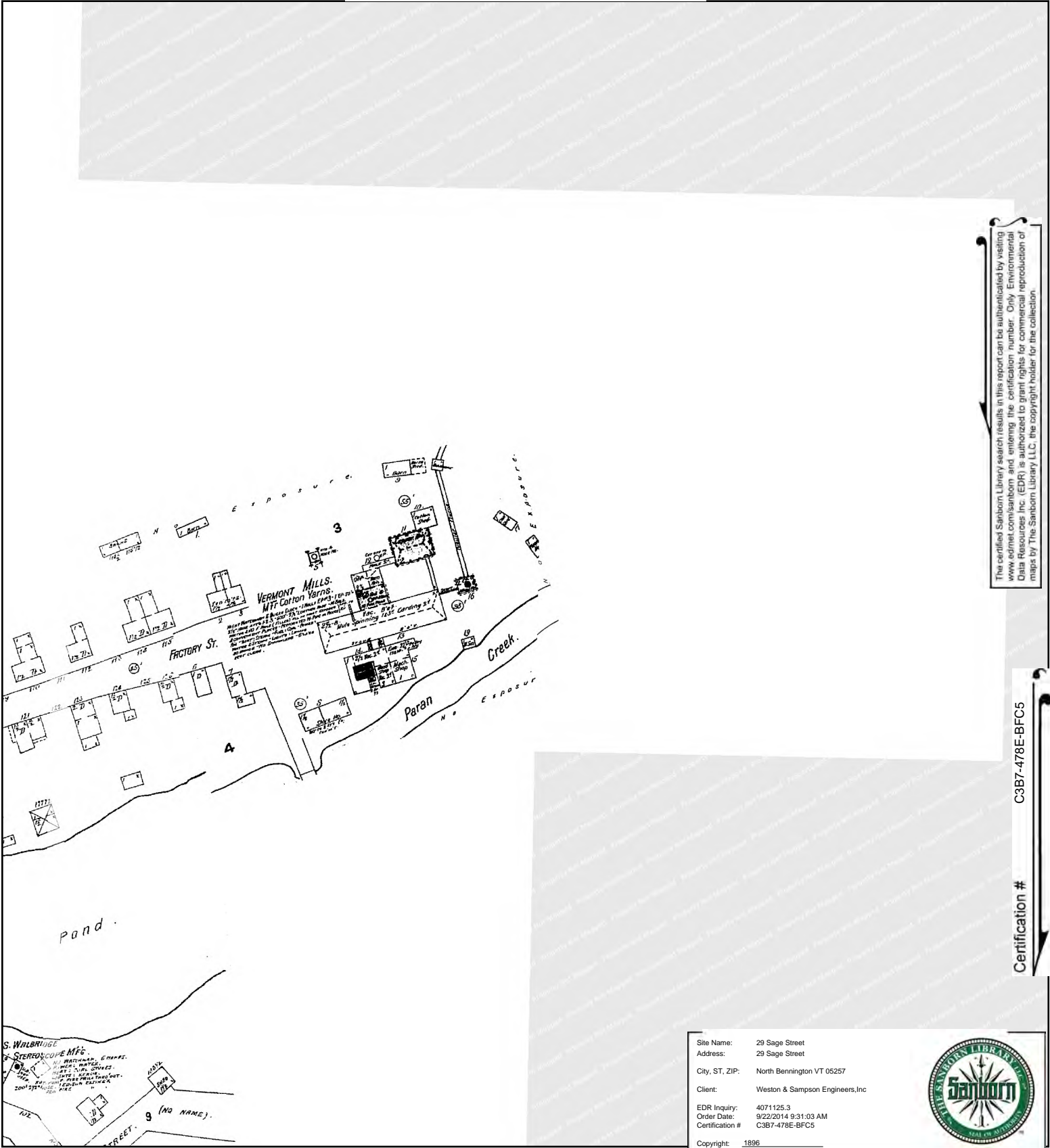
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- Volume 1, Sheet Keymap/Sheet1
- Volume 1, Sheet 2



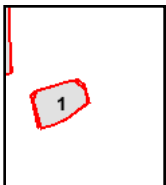
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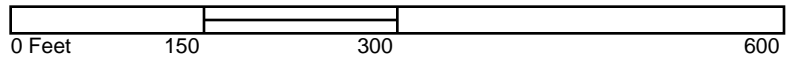
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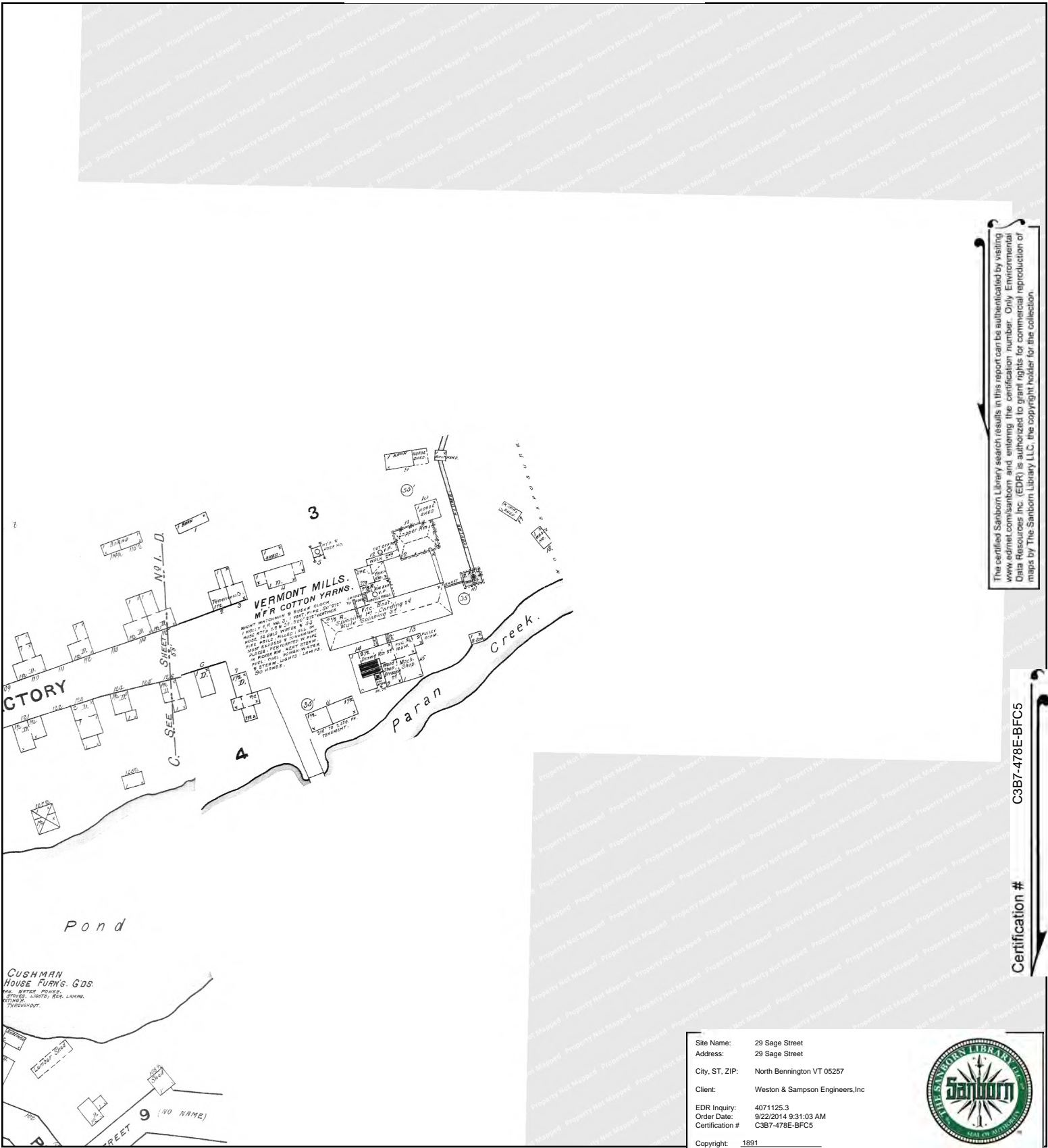
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Volume 1, Sheet 1  
 Volume 1, Sheet 1



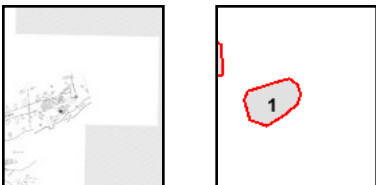
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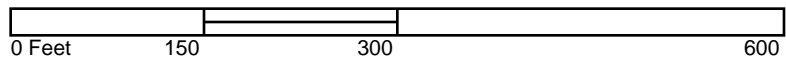
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Certification # C387-478E-BFC5

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Volume 1, Sheet 1





# APPENDIX G



**29 Sage Street**

29 Sage Street

North Bennington, VT 05257

Inquiry Number: 4071125.4

September 19, 2014

## EDR Historical Topographic Map Report



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

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

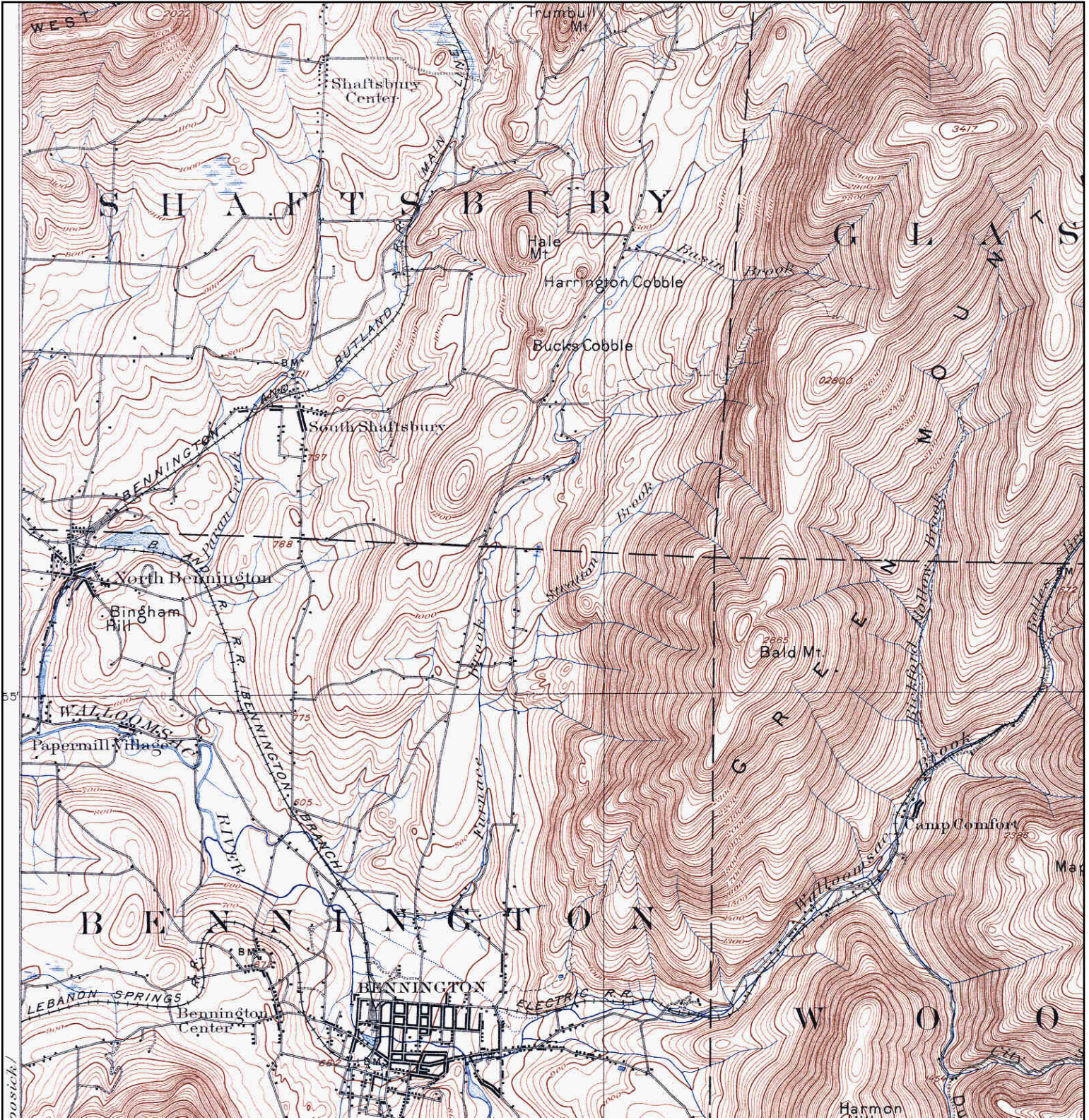
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# Historical Topographic Map



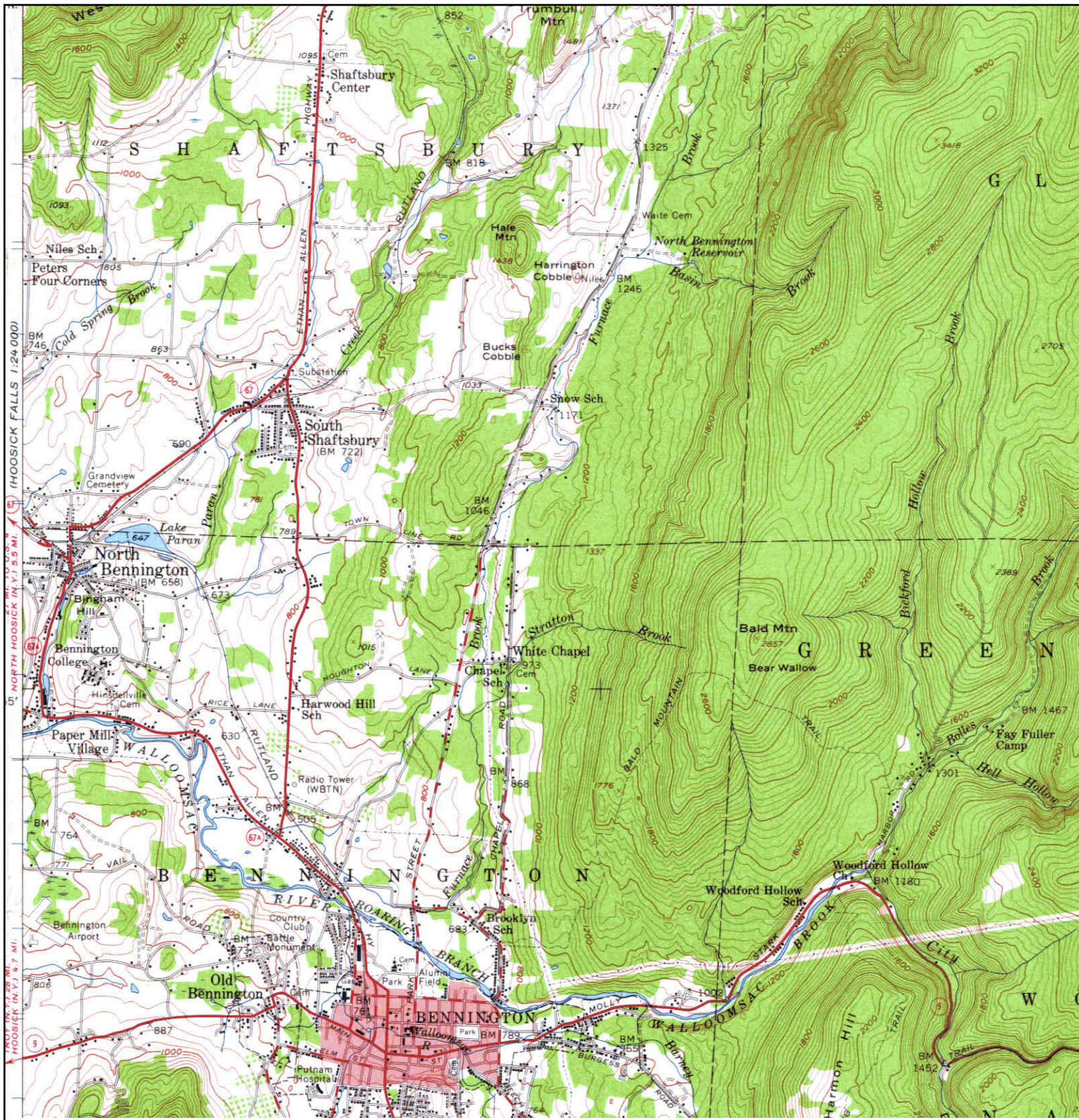
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	<b>NAME:</b> BENNINGTON	<b>ADDRESS:</b> 29 Sage Street	<b>CONTACT:</b> Jim Rose	
	<b>MAP YEAR:</b> 1898	<b>LAT/LONG:</b> 42.93 / -73.2391	<b>INQUIRY#:</b> 4071125.4	<b>RESEARCH DATE:</b> 09/19/2014
	<b>SERIES:</b> 15			
	<b>SCALE:</b> 1:62500			


# Historical Topographic Map



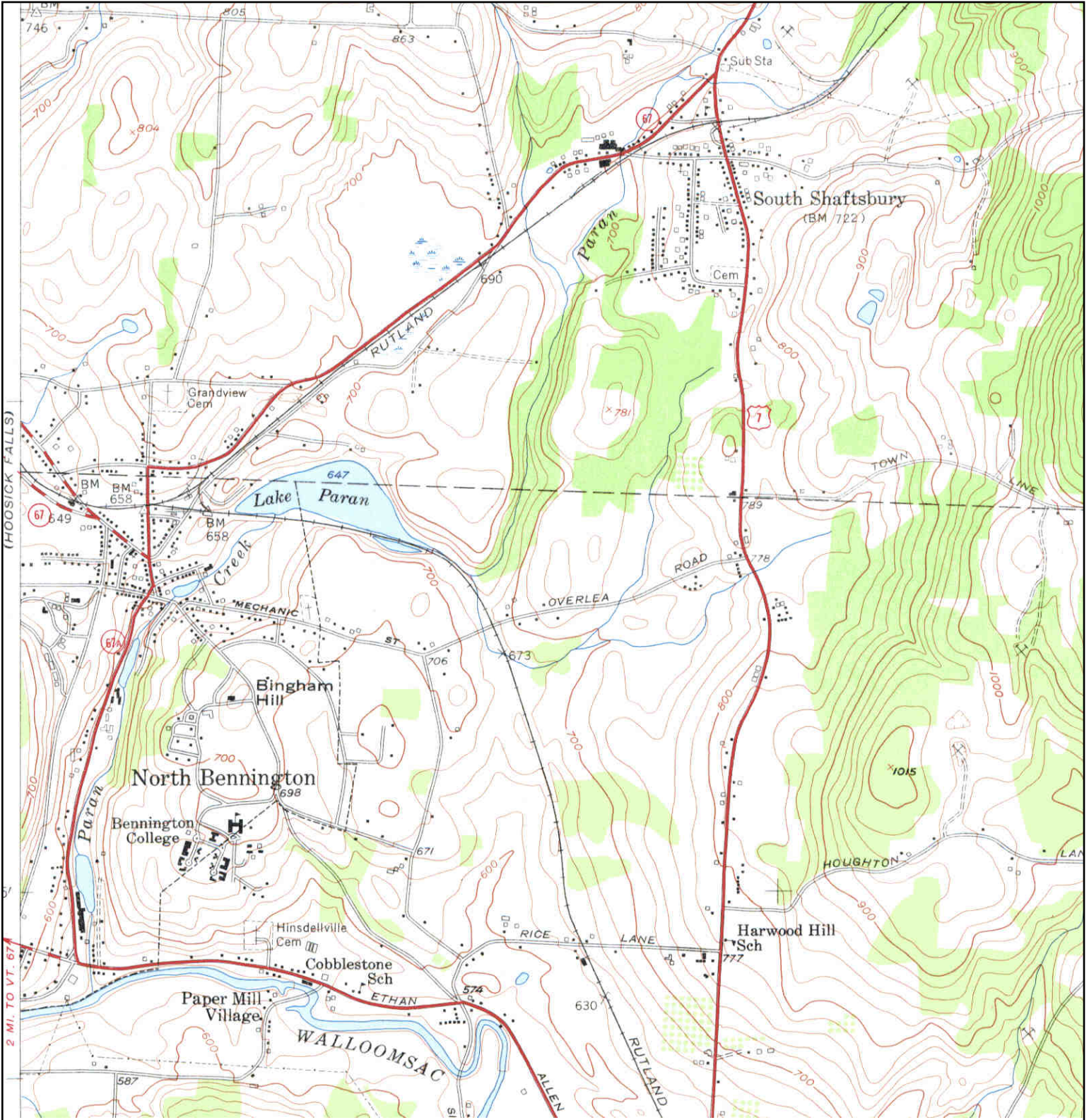
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# Historical Topographic Map



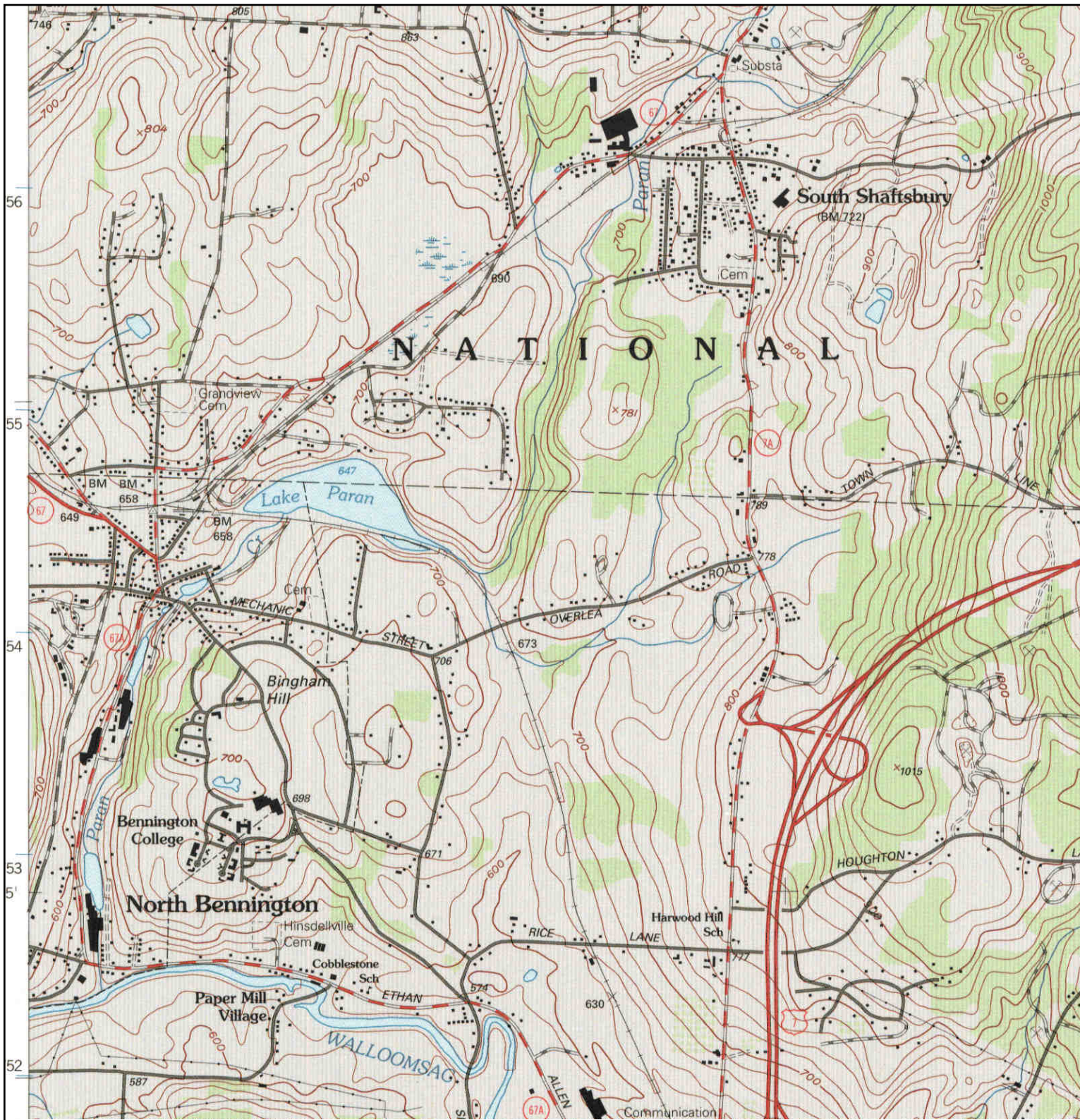
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	<b>NAME:</b> BENNINGTON	<b>ADDRESS:</b> 29 Sage Street	<b>CONTACT:</b> Jim Rose	
	<b>MAP YEAR:</b> 1954	<b>LAT/LONG:</b> 42.93 / -73.2391	<b>INQUIRY#:</b> 4071125.4	<b>RESEARCH DATE:</b> 09/19/2014
	<b>SERIES:</b> 15			
	<b>SCALE:</b> 1:62500			


# Historical Topographic Map



<p>N</p> 	<p><b>TARGET QUAD</b>                  NAME: BENNINGTON                  MAP YEAR: 1954</p>	<p><b>SITE NAME:</b> 29 Sage Street  <b>ADDRESS:</b> 29 Sage Street                  North Bennington, VT 05257  <b>LAT/LONG:</b> 42.93 / -73.2391</p>	<p><b>CLIENT:</b> Weston &amp; Sampson Engineers, Inc  <b>CONTACT:</b> Jim Rose  <b>INQUIRY#:</b> 4071125.4  <b>RESEARCH DATE:</b> 09/19/2014</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:24000</p>		

# Historical Topographic Map



	<b>TARGET QUAD</b> NAME: BENNINGTON MAP YEAR: 1997	SITE NAME: 29 Sage Street ADDRESS: 29 Sage Street North Bennington, VT 05257 LAT/LONG: 42.93 / -73.2391	CLIENT: Weston & Sampson Engineers, Inc CONTACT: Jim Rose INQUIRY#: 4071125.4 RESEARCH DATE: 09/19/2014
	SERIES: 7.5 SCALE: 1:24000		

# APPENDIX H



**29 Sage Street**

29 Sage Street

North Bennington, VT 05257

Inquiry Number: 4071125.9

September 22, 2014

## The EDR Aerial Photo Decade Package



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

# EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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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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**Date EDR Searched Historical Sources:**

Aerial Photography September 22, 2014

**Target Property:**

29 Sage Street

North Bennington, VT 05257

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1942	Aerial Photograph. Scale: 1"=750'	Flight Date: September 01, 1942	EDR
1951	Aerial Photograph. Scale: 1"=750'	Flight Date: May 13, 1951	EDR
1962	Aerial Photograph. Scale: 1"=750'	Flight Date: May 12, 1962	EDR
1965	Aerial Photograph. Scale: 1"=750'	Flight Date: May 02, 1965	EDR
1992	Aerial Photograph. Scale: 1"=750'	Flight Date: April 27, 1992	EDR
1993	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: April 28, 1993	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2008	Aerial Photograph. Scale: 1"=500'	Flight Year: 2008	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2011	Aerial Photograph. Scale: 1"=500'	Flight Year: 2011	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP



**INQUIRY #:** 4071125.9

**YEAR:** 1942

| = 750'





**INQUIRY #:** 4071125.9

**YEAR:** 1951

| = 750'





**INQUIRY #:** 4071125.9

**YEAR:** 1962

| = 750'





**INQUIRY #:** 4071125.9

**YEAR:** 1965

| = 750'





INQUIRY #: 4071125.9

YEAR: 1992

| = 750'





INQUIRY #: 4071125.9

YEAR: 1993

| = 500'





INQUIRY #: 4071125.9

YEAR: 2006

| = 500'





**INQUIRY #:** 4071125.9

**YEAR:** 2008

| = 500'





**INQUIRY #:** 4071125.9

**YEAR:** 2009

| = 500'





INQUIRY #: 4071125.9

YEAR: 2011

| = 500'





INQUIRY #: 4071125.9

YEAR: 2012

| = 500'



# APPENDIX I

**29 Sage Street**

29 Sage Street  
North Bennington, VT 05257

Inquiry Number: 4071125.5  
September 24, 2014

# 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.

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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.

### 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.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1964	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Manning's City Directory

### RECORD SOURCES

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## FINDINGS

### TARGET PROPERTY STREET

29 Sage Street  
North Bennington, VT 05257

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<b>SAGE</b>		
2008	pg A3	Cole Information Services
2003	pg A5	Cole Information Services
1999	pg A7	Cole Information Services

### SAGE ST

2013	pg A1	Cole Information Services
1995	pg A9	Cole Information Services
1992	pg A10	Cole Information Services
1964	pg A12	Manning's City Directory

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<b><u>NORTH ST</u></b>		
2013	pg. A2	Cole Information Services
2008	pg. A4	Cole Information Services
2003	pg. A6	Cole Information Services
1999	pg. A8	Cole Information Services
1992	pg. A11	Cole Information Services
1964	pg. A13	Manning's City Directory

## **City Directory Images**

**SAGE ST 2013**

- 9 JASON FLEMING
- 14 DOUGLAS RYAN
- 15 JEFFREY ALLARD
- 16 PHILLIP DESSERT
- 18 LUCINDA SMITH
- 19 SUSAN FOSTER
- 23 MEGAN RANDALL
- 26 FRANCIS MONROE
- 28 BELINDA STOESSEL
- 29 MATTHEW PERRY
- VERMONT ARTS EXCHANGE
- 30 MELISSA KEMPTON
- 32 GARY SMITH
- 34 BARBARA MURRAY

**NORTH ST 2013**

52 DONALD DONAHUE  
MAXWELL LEWIS  
SANDRA AHERN

Target Street

✓

Cross Street

-

Source

Cole Information Services

**SAGE 2008**

25 STEPHEN WILSON  
26 SMITH STRATTON  
28 BELINDA STOESSEL

Target Street

Cross Street

Source

-

✓

Cole Information Services

**NORTH ST 2008**

30 BRUCE SHARBY  
52 J DOW

Target Street  
✓

Cross Street  
-

Source  
Cole Information Services

**SAGE 2003**

28 JAMES WHALEN

Target Street

Cross Street

Source

-

✓

Cole Information Services

**NORTH ST 2003**

31 HELENE MELLON



-

**SAGE 1999**

- 14 DOUGLAS RYAN
- 15 JEFFREY ALLARD
- 16 JAMES REED
- ROBERT MORTON
- 18 D AUSTIN
- 27 THOMAS PAQUIN
- 28 PAUL SCHULTE
- 29 MATTHEW PERRY
- SCRATCH AND DENT AUTO BODY
- 30 C CORCORAN
- 32 SCOTT HURLEY

**NORTH ST 1999**

168 TENENTES ALEXANDER A OPTMTRST MECHANIC

**SAGE ST 1995**

- 0 FOSTER, S  
VERMONT ARTS EXCHANGE THE  
WILLIAMS, HAROLD N
- 14 ELLMAN, KITSEY  
RYAN, DOUGLAS
- 15 ALLARD, JEFFREY J
- 16 HAUSER, HEIDI
- 18 RANEY, RALPH W
- 26 MENCHINI, IAN & ZACH  
MENCHINI, P
- 28 LITWIN, N
- 29 SCRATCH AND DENT AUTO BODY
- 30 CORCORAN, C
- 32 PRATT, K

**SAGE ST 1992**

0 A BROWN CO INC  
BARTLETT, ROBT & SANDRA  
FOSTER, F  
WILLIAMS, HAROLD N  
14 WIDOFF, TONY  
15 ALLARD, JEFFREY J  
16 GROVER, H  
18 RANEY, RALPH W  
26 SCHIEBER, MARK & AMY  
30 CORCORAN, C  
32 PRATT, KATHY  
34 HUNT, HEIDI JO

**NORTH ST 1992**

40 JONES, JEAN M & LYNN

**SAGE ST 1964****BENNINGTON DIRECTORY****(continued)**

332 ◦ Plante Irene Mrs 2-6493

**SAGE N B fr Main N B at M F Powers Store  
easterly****Right side odd numbers**

9 Myers Jos E 2-6813  
 15 ◦ Teare Robt N 2-9378  
 19 Foster Fredk 2-6421  
 21 Loomis Geo E 2-9545  
 23 ◦ Hayes Betty V 2-2094  
 25 ◦ Blake Clark M  
 27 Peirce Danl 2-4823  
 27 ◦ Crosier Royal F 2 5907  
 29 Shea Geo E Inc 7-7521

**Left side even numbers**

8 Lura Mildred Mrs 2-9263  
 10 Powers Cath R Mrs  
 14 Williams Harold N 2-5614  
 16 ◦ Vadakin Forrest 2-5874  
 16 Lauzon John  
 20 Vacant  
 24 Vacant  
 28 ◦ Sweet Clover E Jr  
 28 Moore Marty Greenhouses ☺  
 30 Roseway Beauty Salon The 2-4558  
 30 Sweet Clover E  
 32 Vacant  
 34 Vacant

**SCAREY LA N B fr Bridge at Paran Creek at  
end of N Bennington rd northerly  
Right side**

## NORTH ST 1964

250 Jurnisky L Verma Mrs  
 262 Levin Ed Workshop 7-7171  
 -County crosses  
 300 Mooney Irene D Mrs  
 300 Thompson Anna D 2-4341  
 304 Cheney Guilford 2-5895  
 306 Mathers Edna Mrs  
 308 Vacant

**NORTH N B fr Sage southeasterly to Mechanic  
 N B**

40 ◦ Jones Edrie L Mrs 2-2556  
 42 Jones David  
 52 ◦ Legacy Edw J Jr 2-4322

**Right side**

Crosier Royal F 2-5907

**NORTH BENNINGTON RD fr Hunt to Park N  
 Bennington**

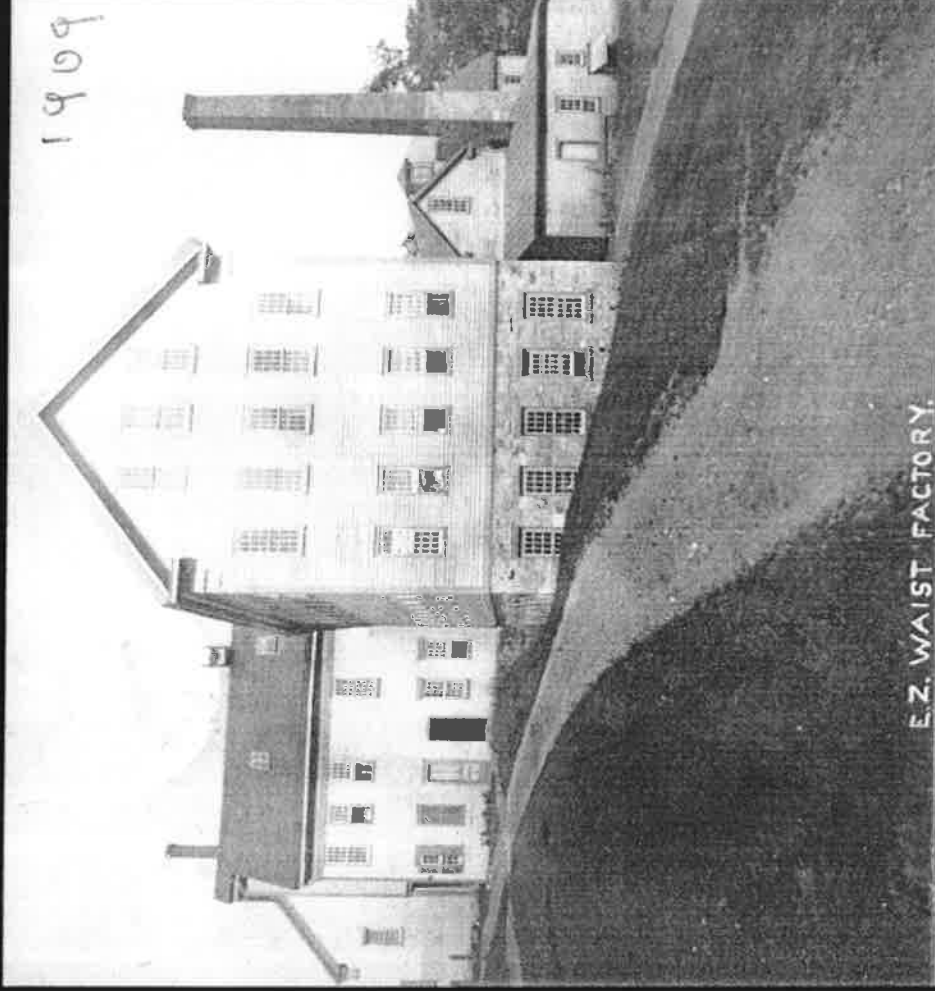
**Right side odd numbers**

# APPENDIX J

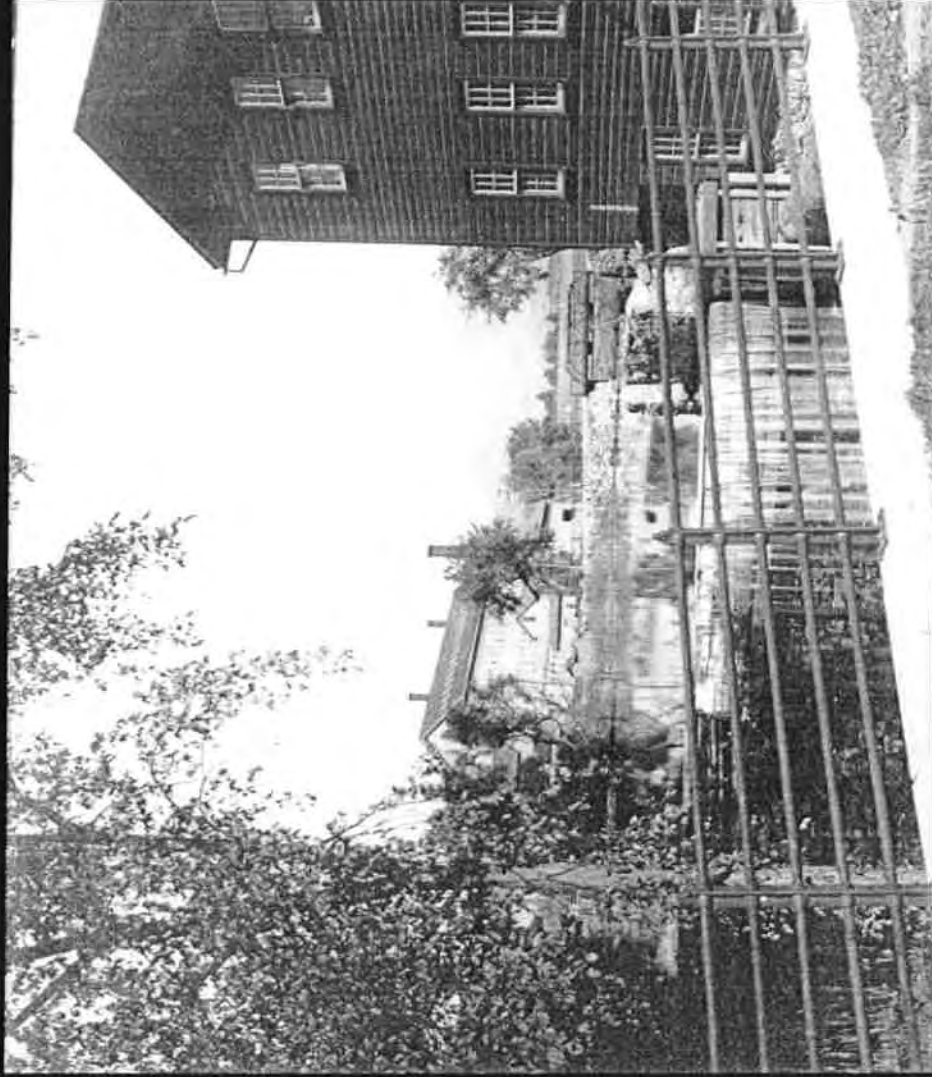
View



EZwaist Mill 1906. The mill burned before 1920 and was replaced by the Sage Street mill now occupied by Vermont Arts Exchange. North Street bridge in left center. Road to Welling Field goes off to the right. Chimney in right center remains. Collection of Burton Bromley.



EZ Waist mill buildings 1909. Collection of Burton Bromley.



EZ Waist and mill at foot of Prospect Street circa 1910. Collection of Burton Bromley

# APPENDIX K

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 UNDERGROUND STORAGE TANK PROGRAM  
 103 SOUTH MAIN STREET  
 WATERBURY, VERMONT 05671-0404  
 (802) 241-3888

Date of Removal: 6/01/94

Date of Assessment: June 2, 1994

Person & Company Doing Assessment:  
 ENVIRONMENTAL ACCESS  
 STEPHEN WOODINGTON

Telephone Number: 802 447 0040

Business Name Where Tank(s) Located: FORMER A. BROWN PROPERTY  
 Number of Employees:  
 Street Address & Town/City: NORTH BENNINGTON, VT.

Owner of Tank(s): COMMUNITY EXCHANGE & DEVELOPMENT CORP.  
 Address: BOX 698 Contact Person: PATRICIA PEDREIRA  
 Town/City: N. BENNINGTON 05257 Phone Number: 802-442-5549

UST Facility ID Number: 9999614

Tank #	Product	Size	Condition
1	FUEL OIL	575+1000 GALLON	GOOD
2			
3			
4			

Reason for Tank Removal (check one):  abandoned  routine replacement  
 tank or piping leaking  liability  
 Replacement Tank(s)?  yes  no Number of Replacement Tanks: \_\_\_\_\_  
 DEC UST Permit(s) Obtained?  yes  no  
 DEC-Permitted Tank(s) Still On-Site?  yes  no Number of Tanks: \_\_\_\_\_  
 Out of Service Tank(s) On-Site?  yes  no Number of Tanks: 1  
 Heating Oil Tank(s) On-Site?  yes  no No. of Tanks: 1 Size(s): 250 GAL

Any Waste Pumpage?  yes  no Estimated Volume: \_\_\_\_\_  
 Transported By: \_\_\_\_\_

Size of Excavation (ft<sup>3</sup>): 200 Depth: 5 FT Soil Type: SILTY SANDY  
 Concentrations Detected with PID: Peak = 0 Average = 0  
 Type of PID: HNU  
 Number of Readings (please put locations on attached drawing): 10  
 Calibration Info. (date, time, type of gas): 5/27/94

Free Phase Product Encountered?  yes  no Approx. Amount: \_\_\_\_\_  
 Cont. Soils Stockpiled?  yes  no Amount (yd<sup>3</sup>): \_\_\_\_\_  
 Cont. Soils Backfilled?  yes  no Amount (yd<sup>3</sup>): \_\_\_\_\_

Groundwater Encountered?  yes  no Depth to Groundwater: \_\_\_\_\_  
 Monitoring Wells Installed?  yes  no Number: \_\_\_\_\_ Screen Depth: \_\_\_\_\_

On-Site Drinking Well?  yes  no (if yes:  rock  gravel  spring)  
 Public Water Supply Well(s) Within 1/4 Mile?  yes  no  
 Distance to nearest: \_\_\_\_\_

Private Water Supply Well(s) Within 1/4 Mile?  yes  no How Many? \_\_\_\_\_

Samples Collected for Laboratory Analysis?  yes  no How Many? \_\_\_\_\_  
 [check all that apply:  soil  groundwater  drinking water]

Receptors Affected (check all that apply):  
 soil  residential; # of houses/people: \_\_\_\_\_  
 groundwater  surface water; name/type of water body: \_\_\_\_\_

Signature of Owner or Authorized Representative: Patricia Pedreira  
 Date: 6/2/94  
 Signature of Person Performing Site Assessment: Stephen Woodington  
 Date: 6/2/94

\*\*\* ATTACH OBSERVATIONS, CONCLUSIONS, AND DRAWING ON A SEPARATE PAGE \*\*\*

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 UNDERGROUND STORAGE TANK PROGRAM  
 TANK PULL FORM

TODAY'S DATE: 6/2/94

INSPECTOR: STEPHEN EDINGTON

DATE OF REMOVAL: 6/02/94

BUSINESS NAME: FORMER A. BROWN PROP.  
 NO. BENNINGTON, VT.

SITE DIAGRAM

Show location of all tanks and distance to permanent structures, sample points, areas of contamination and any pertinent site information. Indicate North arrow and major street names or route number.

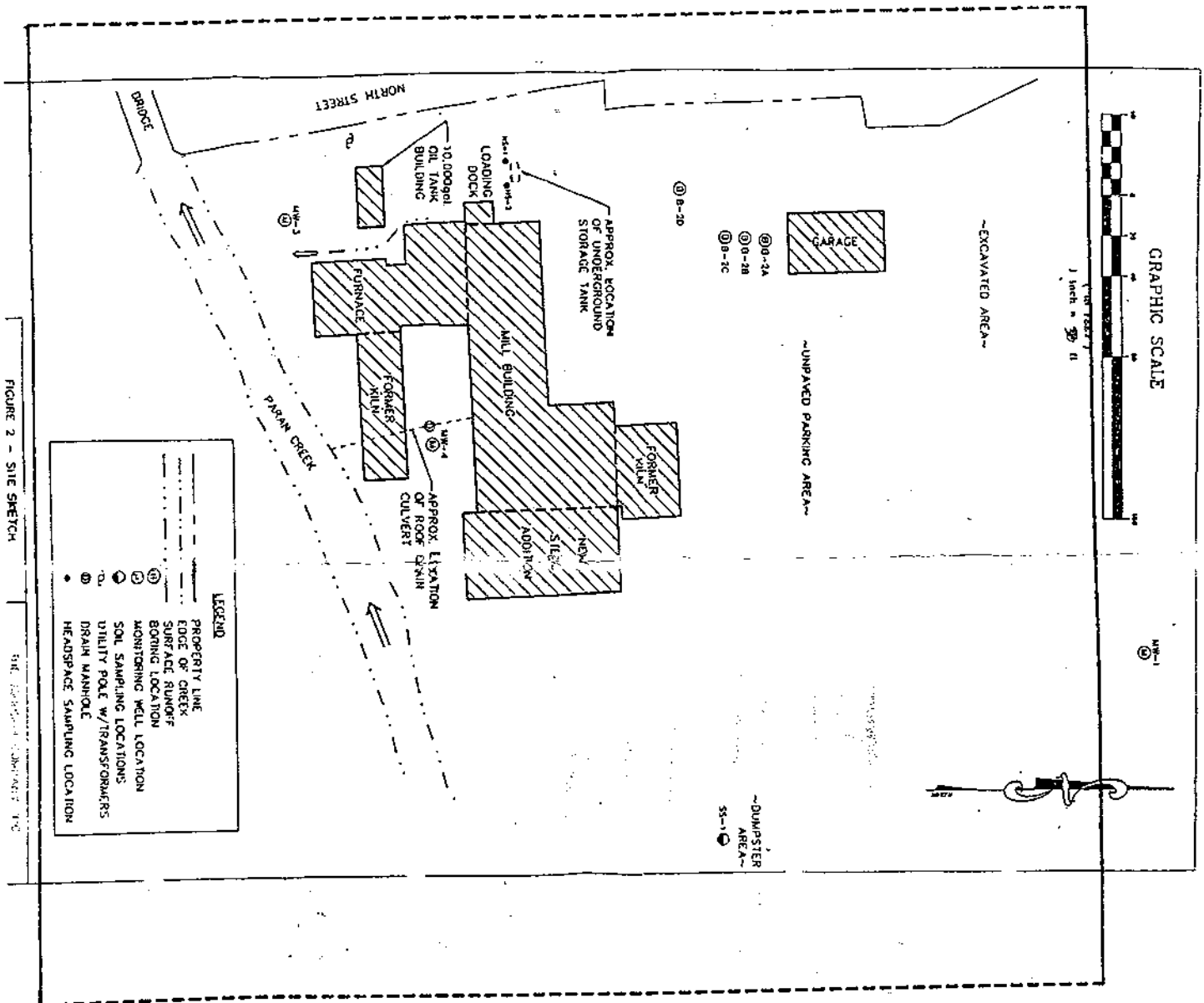


FIGURE 2 - SITE SKETCH

SEE EXHIBIT FOR CONTINUED DRAWING

APR 25 1994

# Vermont Underground Storage Tank Form

Notification and Permit Application (if applicable)

Read instruction sheet carefully before completing this form. Please type or print in ink all items except for the "signature." For additional information call The Vermont Underground Storage Tank Program at (802) 241-3888

<b>I. OWNERSHIP OF TANKS</b> Name <u>COMMUNITY EXCHANGE DEVELOPEMENT CORP</u> <small>(CORPORATION, INDIVIDUAL, PUBLIC AGENCY, OR OTHER ENTITY)</small> Mailing Address <u>PO BOX 698</u> City <u>N. Bennington</u> State <u>VT</u> Zip <u>05257</u> Phone <u>(802) 442-5549</u>	<b>V. SITE LEAK HISTORY</b> (if applicable) a) Year of Tank or Piping Leak <u>X</u> Substance Leaked _____ b) For Overfill or Spill in excess of 25 gallons: Year of Overfill/Spill _____ Substance Overfilled/Spilled <u>X</u> TANK REMOVAL Year _____ HOW MANY _____ Replacement _____ Site Assessment _____
<b>II. OPERATOR OF TANKS</b> (if different than owner) Name <u>COMMUNITY EXCHANGE DEVELOPEMENT CORP</u> <small>(CORPORATION, INDIVIDUAL, PUBLIC AGENCY, OR OTHER ENTITY)</small> Mailing Address <u>same</u> City _____ State _____ Zip _____ Phone (____) _____	<b>VI. TYPE OF FACILITY</b> (check one) <input checked="" type="checkbox"/> Institutional <input type="checkbox"/> State <input type="checkbox"/> Bulk Plant <input type="checkbox"/> Town <input type="checkbox"/> Retail <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Farm <input type="checkbox"/> Service Station <input type="checkbox"/> Residential
<b>III. CONTACT PERSON</b> (person responsible for the day to day operation of tanks) <input checked="" type="checkbox"/> Check if same as owner <input type="checkbox"/> Check if same as operator If different than owner or operator: Name <u>MATTHEW PERRY</u> Mailing Address <u>same</u> City _____ State _____ Zip _____ Phone (____) _____	<b>VII. PERMITTEE</b> (person or entity filing for Category One Tank Permit, if applicable) <input checked="" type="checkbox"/> Check if same as owner <input type="checkbox"/> Check if same as operator <input type="checkbox"/> NA Registered tanks only
<b>IV. LOCATION OF THE TANKS</b> Name <u>C.E.D.C.</u> <small>(TRADE NAME, COMPANY NAME OR DBA)</small> Street Address <u>29 Sage St.</u> <small>(ROAD NAME, HIGHWAY #)</small> City/Town <u>N. Bennington</u> VT zip <u>05257</u> County <u>Bennington</u> Phone (802) <u>442-5549</u>	<b>VIII. NUMBER OF TANKS AT THIS LOCATION</b> <u>1</u> Number owned by person named in I. above _____ Number owned by another party Owned by: _____
<b>IX. LANDOWNER</b> Name <u>Matthew Perry / Patricia Pedreira</u>	

**CERTIFICATION:** I certify under penalty of law that the information provided on this form and all attached documents, is true, accurate, and complete to the best of my knowledge.

MATTHEW PERRY 4/19/94  
 Printed name of owner. If a corporation, add name and title of authorized representative

COMMUNITY EXCHANGE & DEVELOPEMENT CORP.  
 Printed name of permittee if different than owner. If a corporation, add name and title of authorized representative

Matthew Perry 4/29/94  
 Signature of owner or owner's representative Date

Matthew Perry 4/19/94  
 Signature of permittee or permittee's representative Date

**LOCAL USE ONLY**

Date recorded \_\_\_\_\_

Book Number \_\_\_\_\_

Page Number \_\_\_\_\_

Town of \_\_\_\_\_ Land Records

\_\_\_\_\_  
 Signature of Town or City Clerk

Amends VT form of record in Book No. \_\_\_\_\_ Page \_\_\_\_\_ filed by:  
 Agency of Natural Resources  
 Department of Environmental Conservation  
 UST Program, West Building.  
 103 South Main Street  
 Waterbury, VT 05671-0404

**STATE USE ONLY**

First     Amended     Notification     Permit

Change of Ownership

Change of Tank Information

Number of COTs \_\_\_\_\_ Permit Fee \$ \_\_\_\_\_

Check # \_\_\_\_\_ Amount \$ \_\_\_\_\_

Date Received \_\_\_\_\_ Date Issued \_\_\_\_\_

(Notification Approval)

(Permit Approval)

LUST Site Number \_\_\_\_\_

Date Permit Expires \_\_\_\_\_

Facility ID Number \_\_\_\_\_

Assessment Number \_\_\_\_\_

TANK INFORMATION

APR 25 1994

OWNERSHIP CECL FACILITY ID # \_\_\_\_\_ PART 2 OF \_\_\_\_\_

TANK SYSTEM NUMBER	TANK	PIPES	TANK	PIPES	TANK	PIPES	TANK	PIPES
Start with tank closest to building								
AGE: (enter year installed)	OLD ?							
SIZE: (capacity in gallons)	1000							
Compartments? How many?	1							
<b>STATUS:</b>								
Currently in use								
To be installed								
Temporarily out of service								
Date last used (month & year)								
Permanently out of service								
Date last used (month & year)								
<b>MATERIAL OF CONSTRUCTION:</b>								
Steel								
Fiberglass								
Fiberglass clad steel								
Other (specify)								
<b>CORROSION PROTECTION:</b> (metal tank and pipes only)								
STI-P3 Tank								
Impressed Current								
Anodes/Cathodic								
Interior Lining (field installed)								
Other (specify)								
<b>SECONDARY CONTAINMENT:</b>								
Double Wall								
Concrete Vault								
Impervious Liner								
Suction Pump w/vertical check valve only								
Other (specify)								
<b>LEAK DETECTION:</b> check all that apply								
Interstitial monitor a) manual; b) electronic								
In-Tank Monitor								
Line Test (year of last test)								
Groundwater Monitor Wells								
Vapor Monitor Wells								
Automatic Line Leak Detector								
Tightness Test (month/year of last test)								
Other (specify)								
<b>OVERFILL AND SPILL PREVENTION:</b> (check all that apply)								
Float Vent Valve								
High Liquid Level Alarm								
Automatic Shutoff								
Containment Manhole								
Other (specify)								
<b>TYPE OF PUMP:</b>								
Submersible								
Suction								
Gravity								
<b>VAPOR RECOVERY STAGE II</b>								
Underground Piping	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO	YES/NO
<b>FIRE PREVENTION MEASURES:</b>								
Shear Valve								
Distance to Nearest Building	31'							
Distance to Property Line	29' + 38'							
<b>PRODUCT STORED:</b> e.g.: gasoline; diesel; No. 2-6 fuel oil; aviation fuel; kerosene; used/waste oil; hazardous substance (name) or mixture of substances.								
If product stored is a fuel oil, is it used for other than on-premise heating and domestic hot water?	average monthly throughput	average monthly throughput	average monthly throughput	average monthly throughput	average monthly throughput	average monthly throughput	average monthly throughput	average monthly throughput

FINANCIAL RESPONSIBILITY - Permitted Tanks Only

Pollution Liability Insurance  YES  NO If YES, complete the following:

Insurance Company \_\_\_\_\_

Policy Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

Self Insured  YES  NO

Petroleum Clean Up Fund  YES  NO

For New Installations: NAME OF INSTALLER \_\_\_\_\_

PHONE NUMBER (\_\_\_\_) \_\_\_\_\_

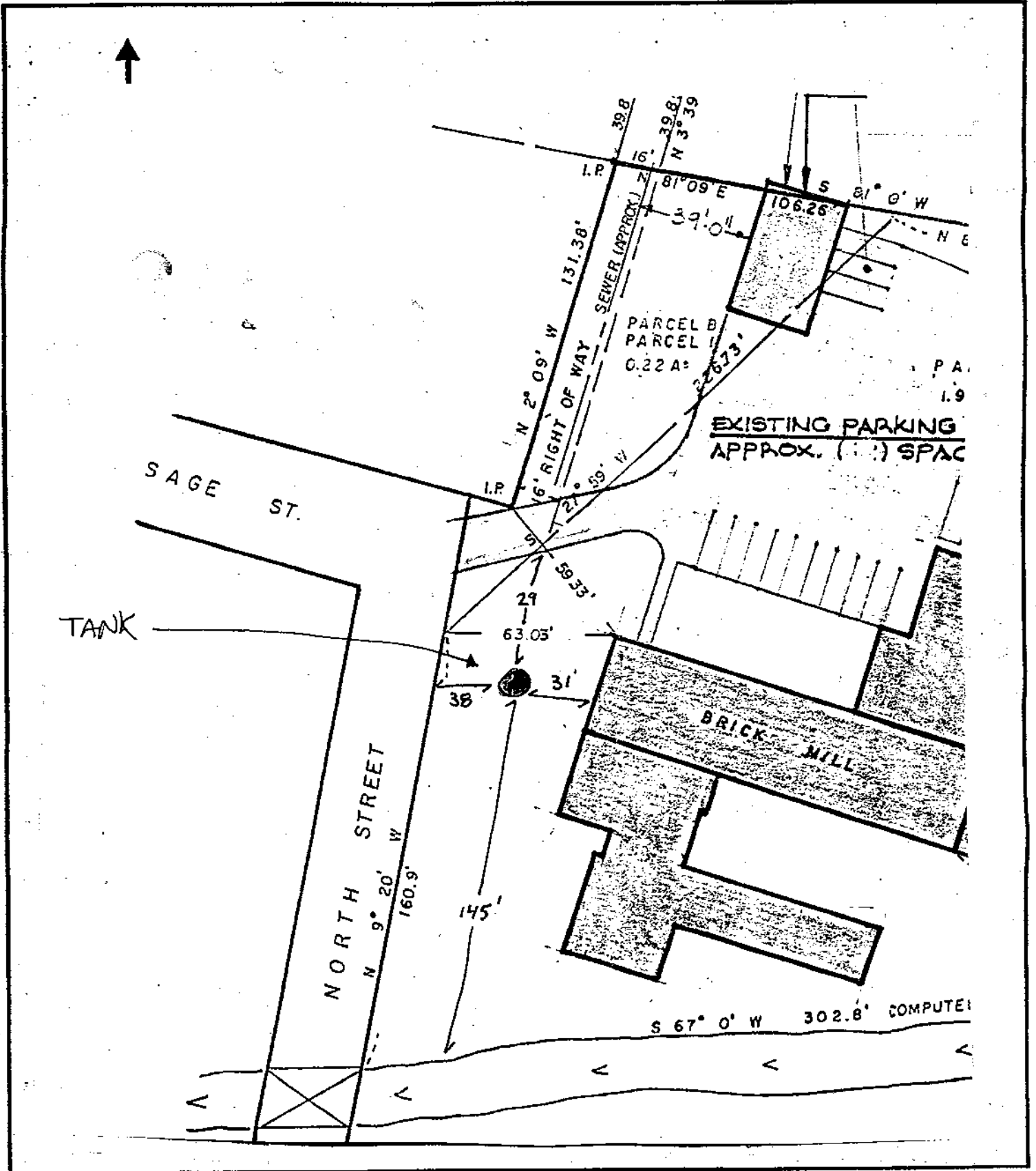
ESTIMATED DATE OF INSTALLATION \_\_\_\_\_

WARNING NOTICE: All tanks must be installed in strict accordance with all applicable laws, rules, regulations, codes, and manuals.

# Sketch of Tank Facility

ID # \_\_\_\_\_

Please sketch below the location of the underground storage tanks and associated piping. Include the building, islands, surface water, groundwater or vapor monitoring wells, roads or any other pertinent landmark at the facility. Show distances to nearest building and property lines.

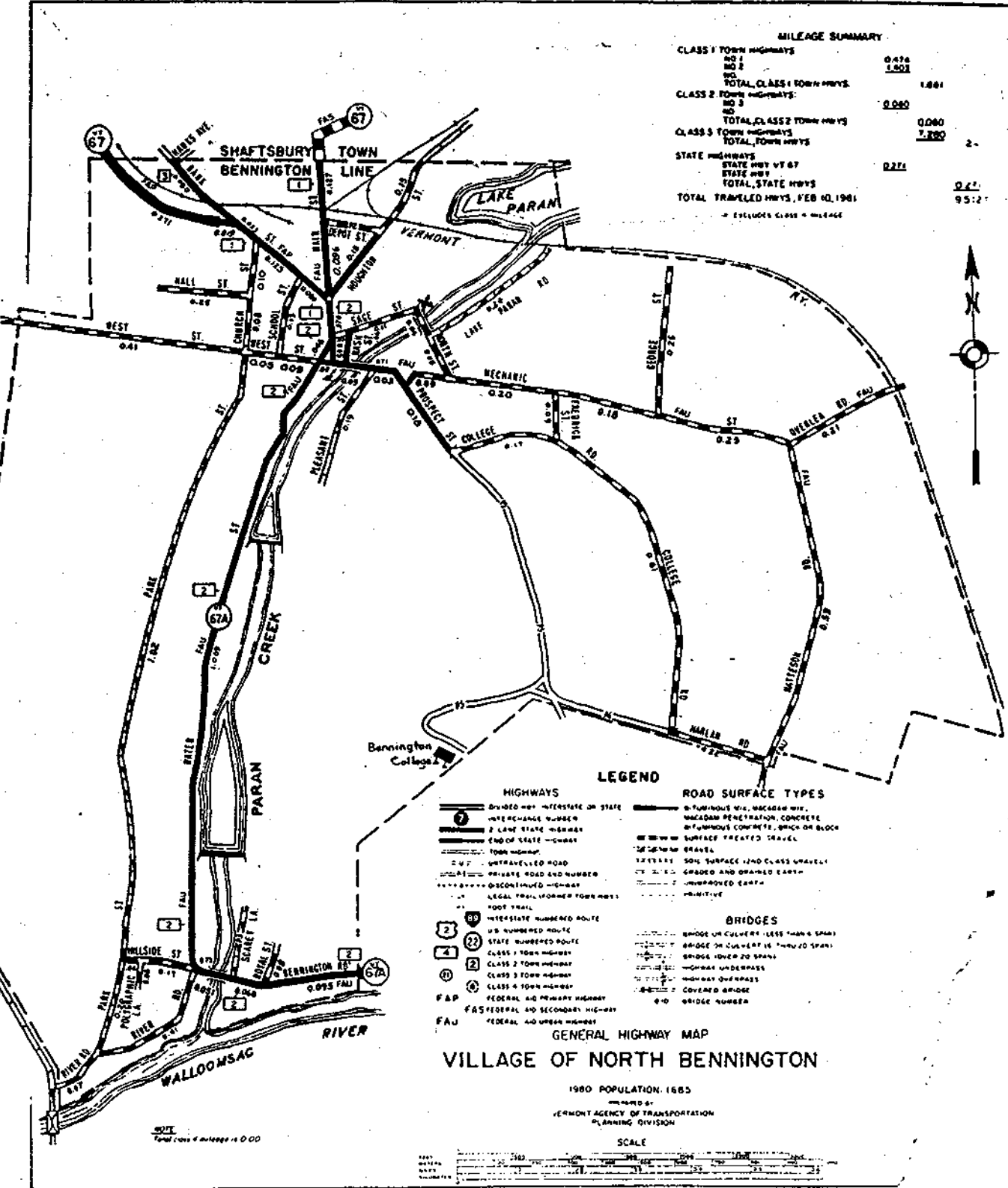


**NORTH BENNINGTON VILLAGE**

**MILEAGE SUMMARY**

CLASS 1 TOWN HIGHWAYS	0.476	
NO 1	1.003	
NO 2		
TOTAL, CLASS 1 TOWN HWYS	1.881	
CLASS 2 TOWN HIGHWAYS		
NO 3	0.080	
NO 4		
TOTAL, CLASS 2 TOWN HWYS	0.080	
CLASS 3 TOWN HIGHWAYS		
TOTAL, TOWN HWYS	2.000	2-
STATE HIGHWAYS		
STATE HWY VT 67	0.221	
STATE HWY		
TOTAL, STATE HWYS	0.221	
TOTAL TRAVELED HWYS, FEB 10, 1981		95:21

\* EXCLUDES CLASS 4 HIGHWAY

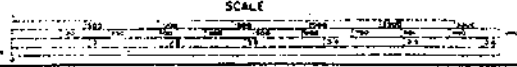


**LEGEND**

<b>HIGHWAYS</b>	<b>ROAD SURFACE TYPES</b>
<ul style="list-style-type: none"> <li>Interstate or State</li> <li>Interchange Number</li> <li>Long State Highway</li> <li>End of State Highway</li> <li>Town Highway</li> <li>Untraveled Road</li> <li>Private Road and Number</li> <li>Discontinued Highway</li> <li>Legal Trail (Former Town Hwy)</li> <li>Foot Trail</li> <li>Interstate Numbered Route</li> <li>US Numbered Route</li> <li>State Numbered Route</li> <li>Class 1 Town Highway</li> <li>Class 2 Town Highway</li> <li>Class 3 Town Highway</li> <li>Class 4 Town Highway</li> <li>F&amp;P Federal Aid Primary Highway</li> <li>F&amp;S Federal Aid Secondary Highway</li> <li>FAU Federal Aid Unimproved Highway</li> </ul>	<ul style="list-style-type: none"> <li>Asphalt</li> <li>Macadam</li> <li>Concrete</li> <li>Gravel</li> <li>Soil Surface</li> <li>Graded and Drained Earth</li> <li>Unimproved Earth</li> <li>Primitive</li> </ul>
	<b>BRIDGES</b>
	<ul style="list-style-type: none"> <li>Bridge on Culvert (Less than 20 Spans)</li> <li>Bridge on Culvert (More than 20 Spans)</li> <li>Bridge (Over 20 Spans)</li> <li>Highway Underpass</li> <li>Highway Overpass</li> <li>Covered Bridge</li> <li>Bridge Number</li> </ul>

**GENERAL HIGHWAY MAP**  
**VILLAGE OF NORTH BENNINGTON**

1980 POPULATION: 1685  
 PREPARED BY:  
 VERMONT AGENCY OF TRANSPORTATION  
 PLANNING DIVISION



TRANSPORTATION DISTRICT NO 1



State of Vermont

Department of Fish and Wildlife  
Department of Forests, Parks and Recreation  
Department of Environmental Conservation  
State Geologist  
Natural Resources Conservation Council  
RELAY SERVICE FOR THE HEARING IMPAIRED  
1-800-253-0191 TDD>Voice  
1-800-253-0195 Voice>TDD

AGENCY OF NATURAL RESOURCES  
Department of Environmental Conservation  
Hazardous Materials Management Division  
West Building, 103 South Main Street  
Waterbury, VT 05671-0404  
Telephone: (802) 241-3888

April 26, 1994

Community Exchange Development Corp.  
Matthew Perry  
P.O. Box 698  
N. Bennington, VT 05257

Dear Mr. Perry:

re: UST located at C.E.D.C., 29 Sage Street, Bennington

The Department of Environmental Conservation has received a completed Vermont Underground Storage Tank form notifying of the location of a tank at the above facility.

It is noted that the tank is out of service. You are hereby notified that underground storage tanks that are out of service are required to be removed from the ground. Instead of registering the tank and having it recorded against the property at the Bennington Land Records you may want to take the opportunity now to have the tank properly closed. For your information, I have enclosed a copy of the department's policy on closure and site assessment requirements.

If removal of the tank is not scheduled within the next six weeks, then registration is required. However, I will need clarification as to who is the correct owner of the tank. The UST Form Page 1 states "Community Exchange Development Corp" as the owner, but in the certification "Matthew Perry"'s name has been inserted as owner, and Matthew Perry signed it as owner.

Should you have questions, please do not hesitate to call the UST Staff at 241-3888.

Sincerely,

June Middleton  
UST Permit Administrator  
Management & Prevention Section

jm/perry

9 11 11 11



Chlorine Free 100% Recycled Paper

Regional Office - Barre/Essex Jct./Pittsford/N. Springfield/St. Johnsbury

**ENVIRONMENTAL ACCESS CONSULTING GROUP**

*Environmental Professionals Specializing in  
Environmental Site Assessments  
for Commercial Real Estate Transactions  
UST Closure Management & Reports*

Stephen J. Eddington  
Mary O. Eddington

Vermont Agency of Natural Resources  
Department of Environmental Conservation  
Underground Storage Tank Program  
103 South Main Street  
Waterbury, Vermont 05671-0404

June 2, 1994

RE: UST Site Assessment  
Former A. Brown Property  
North Street  
North Bennington, Vermont 05257

UST Facility ID Number: 9999614

attn. : Marc Coleman

Dear Mr. Coleman,

Environmental Access Group performed an initial underground storage tank site assessment at the above facility on June 2, 1994.

**BRIEF HISTORY OF THE FACILITY**

This property was recently purchased from the FDIC by Community Exchange & Development Corporation. For this real estate transaction a Phase I and Phase II Environmental Site Assessment was performed by the Johnson Company in Montpelier, Vermont. It was their recommendation as well as the State of Vermont's that this tank be removed. It was believed to be 1000 gallon in size, however after removal it was determined to be 575 gallon tank.

The facility was originally built as a furniture manufacturing plant in the early 1900's by the Shea Company. It was most recently used as a machine shop by the A. Brown Company who still rents space in the building.

The new owners plan to use the space for artist studio's and display.

RR2, Box 3709, Harwood Hill, Bennington, Vermont 05201  
(802) 447-0040 FAX 802-442-2833

HAZARDOUS MATERIALS  
MANAGEMENT DIVISION  
JUN 8 10 44 AM '94  
PULL

## EXCAVATING CONTRACTOR

Excavation was performed by James Osterland  
Rte 7A  
Shaftsbury, Vermont

## FIELD ACTIVITIES & OBSERVATIONS

Weather was 60 F ,cloudy with a light breeze

At the time of removal no product was present in the tank.

Petroleum contaminated soils were not detected by visual observations as stained soils in the excavation.

The soil was screened for VOC's with a HNU PID. No detectable limits were found in any of the excavated soils or those around the tank.

Groundwater was not encountered.

Soils were of sandy silty type with many cobbles and uniform throughout excavation

The UST was inspected and found to be in good condition. The pipe joints were tight.

## SUMMARY

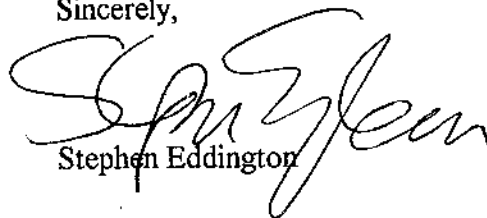
There was no evidence of any releases.

No receptors were affected considering soil, groundwater, surface waters, brooks, or streams.

## RECOMMENDATION:

None Required

Sincerely,



Stephen Eddington

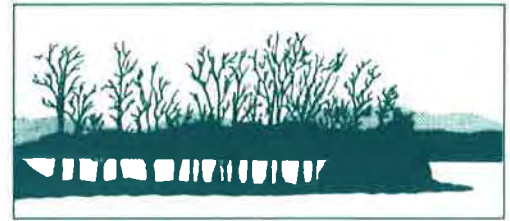
Tank pull @ former A. Brown Property, North Bennington, Vermont

June 2, 1994

**P.LD Sample point locations**

Sample No.	Location	Depth	PID Readings
1	Ground surface @ fill pipe	0 in.	0 ppm
2	6 in. below surface fill pipe	6 in.	0 ppm
3	2 ft. below surface/top of tank	2.0 ft.	0 ppm
4	Fill pipe joint @ top of tank	2.0 ft.	0 ppm
5	Vent pipe joint @ top of tank	2.0 ft.	0 ppm
6	Mid point of tank on east end	3.5 ft.	0 ppm
7	Mid point of tank on west end	3.5 ft.	0 ppm
8	Bottom of excavation/bottom of tank mid point along tank	5.0 ft.	0 ppm
9	Bottom of excavation/east end	5.0 ft.	0 ppm
10	Bottom of excavation/west end	5.0 ft.	0 ppm

# APPENDIX L



September 30, 2014

Mr. Steven LaRosa  
Weston & Sampson  
98 South Main Street, Suite 2  
Waterbury, Vermont 05676

Re: Report of Limited Lead-Based Paint Inspection  
Commercial/Residential Structure, 29 Sage Street, North Bennington, Vermont  
CPAI Project #12665

Dear Mr. LaRosa:

Enclosed for your review is the Clay Point Associates, Inc. (CPAI) report related to limited lead-based paint inspection activities performed on September 30, 2014 on/within the Commercial/Residential Structure, 29 Sage Street, North Bennington, Vermont. The inspection was limited to evaluation of representative building components. The inspection was performed in accordance with the guidelines outlined in the 2012 revision of Chapter 7: Lead-Based Paint Inspection of the U.S. Department of Housing and Urban Development's, "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing", June 1995 (HUD).

For your information, lead-based paint was detected on/within the Commercial/Residential Structure.

On-site lead-based paint testing was performed by the use of a portable x-ray fluorescence analyzer (XRF). Specifically, a RMD Instruments, LLC., Lead Paint Analysis System (LPA-1), serial number #2471, was used by CPAI to inspect all accessible painted/stained surfaces. The XRF calibration was checked according to the manufacturer's recommendations and the guidelines outlined in the December 1, 2006, Performance Characteristic Sheet (PCS) for the above referenced instrument. In addition, precautionary measures were taken to ensure that building occupants, inspectors, and escorts were not inadvertently exposed to radiation as a result of testing.

Attached are copies of the "Lead-Based Paint Testing Data Sheets" used during the inspection. The sheets reference locations in each room/area where representative XRF testing was performed. Walls in each room/area were assigned an A, B, C or D letter notation. The A Wall in each room/area is always at the street side of the building (Sage Street). Notations then proceed clockwise from the A wall to the B, C and D walls. If more than one door or window is on one particular wall, the #1 door/ window is always on the inspector's left as s/he faces the wall. Notations then proceed left to right from 1, to 2, to 3, etc. Also attached please find "Lead Survey Building Sketches" which provide room/area numbers and descriptions of each rooms use (i.e. Kitchens, Bathrooms, Bedrooms, etc.).

Mr. Steven LaRosa  
September 30, 2014  
Page 2

XRF readings were classified into two categories: positive (lead-based paint) and negative (not defined as lead-based paint). The appropriate category is noted in the far right column on the Lead-Based Paint Testing Data Sheets. The Vermont Regulations For Lead Control, V.S.A. Title 18, Chapter 38, Effective October 2, 1994, amended May 1, 2001, defines Lead-Based Paint in target housing and daycare facilities as "paint or other surface coatings that contain lead in excess of 1.0 mg/sq. cm. or 0.5 percent by weight (5,000 ppm), or (1) in the case of paint or other surface coatings such lower level as may be established by the Secretary of Housing and Urban Development, as defined by Section 302 (c) of the Lead Based Paint Poisoning Prevention Act, or (2) in the case of any other paint or surface coatings, such other level as may be established by the Administrator of EPA." The Vermont Occupational Safety and Health Administration (VOSHA) does not specify a regulated quantity of lead within paint. Applicable VOSHA regulations address the presence of lead within paint regardless of specific quantity present.


Please note that this document does not provide a comprehensive inventory of components with lead-based paint. This is because protocols do not require testing of every inch of a painted/ stained surface.

Components with the same paint history as those tested may contain lead-based paint within each room or on the building exterior (i.e., under the currently visible paint layer). In addition, protocols do not require testing of more than one item from the same testing component within each room (i.e., if more than one window was present in a room, and if CPAI tested window components from one window and they were positive, then the same window components from the other windows in the room should be assumed to be positive).

All lead-based paint inspection activities were performed by Kari A. Paritz. Ms. Paritz is a State of Vermont certified Lead Inspector/Risk Assessor (#RA935705). Specific hours of on-site testing are available upon request.

Thank you for the opportunity to service your professional environmental management needs. If you have any questions concerning this inspection report, or require additional services, please contact us at (802) 879-2600.

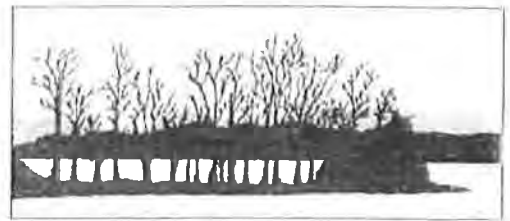
Sincerely,  
CLAY POINT ASSOCIATES, INC.

A handwritten signature in cursive script, appearing to read "Kari A. Paritz for".

Kari A. Paritz  
Environmental Specialist

# Clay Point Associates, Inc.

www.claypointassociates.com



## Calibration Check Test Results

Address/Unit No.: 29 Sage Street, N. Bennington, VT Date: 09/30/2014  
XRF Serial No.: 2471 Inspector Signature: [Handwritten Signature]

Calibration Check Tolerance Used **1.0 mg./sq. cm**

XRF Calibration Check Limits: 0.7 mg./sq. cm. to 1.3 mg./sq. cm. (inclusive)

Start Calibration Check (RMD Standard Block)

09:15

First Reading:	1.0	mg./sq. cm.	01
Second Reading:	0.9	mg./sq. cm.	02
Third Reading:	0.9	mg./sq. cm.	03
Average:		mg./sq. cm.	

Start Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	--0.1	mg./sq. cm.	04
Second Reading:	-0.1	mg./sq. cm.	05
Third Reading:	-0.1	mg./sq. cm.	06
Average:	-0.1	mg./sq. cm.	

End Calibration Check (RMD Standard Block)

12:37

First Reading:	0.9	mg./sq. cm.	123
Second Reading:	0.9	mg./sq. cm.	124
Third Reading:	0.9	mg./sq. cm.	125
Average:	0.9	mg./sq. cm.	

End Calibration Check, Zero (Back of RMD Standard Block)

First Reading:	-0.1	mg./sq. cm.	126
Second Reading:	-0.1	mg./sq. cm.	127
Third Reading:	-0.1	mg./sq. cm.	128
Average:	-0.1	mg./sq. cm.	



**Clay Point Associates, Inc.**  
 P.O. Box 1254, Williston, VT 05495  
 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont      UNIT #: n/a      DATE: September 30, 2014  
 XRF SERIAL NO.: 2471      ROOM EQUIVALENT: Garage Interior      INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
07	Ceiling	White	Sheet Rock	Fair		- 0.2	Neg.
08	Beam	White	Wood	Good	Ceiling (1 <sup>st</sup> level)	- 0.2	Neg.
09	Hatch Casing	Stained	Wood	Fair	Ceiling (2 <sup>nd</sup> level)	0.1	Neg.
10	Door Casing	White	Wood	Fair	Wall A, Door 1	- 0.4	Neg.
11	Door Casing	Grey	Wood	Fair	Wall A, Door 1	- 0.1	Neg.
12	Door Jamb	White	Wood	Poor	B-side of divider wall, Door 1	- 0.2	Neg.
13	Door Jamb	Brown	Wood	Fair	B-side of divider wall, Door 1 (2 <sup>nd</sup> floor)	- 0.0	Neg.
14	Door	Grey	Metal	Fair	Wall D, Door 1	- 0.1	Neg.
15	Door Jamb	White	Wood	Poor	Wall D, Door 1	- 0.2	Neg.
16	Vertical Suprt.	White	Wood	Fair	B-side of divider wall (assoc. w/ lights)	- 0.1	Neg.
17	Foundation	Grey	Concrete	Poor	Wall C	- 0.1	Neg.
18	Foundation	Grey	Concrete	Fair	Wall D	0.3	Neg.
19	Wall	White	Sheet Rock	Fair	Wall C	- 0.1	Neg.
20	Wall	Grey	Sheet Rock	Fair	Wall C	- 0.0	Neg.
21	Wall	White	Sheet Rock	Fair	Wall D	- 0.1	Neg.
22	Wall	Grey	Sheet Rock	Fair	Wall D	- 0.2	Neg.
-	Door A-2 is the same as A-1.						
-	Stairs are unpainted wood.						
-	Floor is unpainted concrete.						



**Clay Point Associates, Inc.**  
 P.O. Box 1254, Williston, VT 05495  
 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont      UNIT #: n/a      DATE: September 30, 2014  
 XRF SERIAL NO.: 2471      ROOM EQUIVALENT: Garage Exterior      INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
23	Wall	Red	Metal	Fair	Wall A	0.0	Neg.
24	Door	White	Wood	Poor	Wall A, Door 1	0.1	Neg.
25	Door Casing	White	Wood	Poor	Wall A, Door 1	- 0.1	Neg.
26	Door Jamb	White	Wood	Poor	Wall A, Door 1	- 0.1	Neg.
27	Door	Grey	Wood	Poor	Wall A, Door 1	- 0.1	Neg.
28	Door Casing	Grey	Wood	Poor	Wall A, Door 1	0.0	Neg.
29	Door Jamb	Grey	Wood	Poor	Wall A, Door 1	- 0.1	Neg.
30	Corner Board	White	Metal	Fair	Wall A/B Corner	- 0.1	Neg.
31	Door Casing	White	Wood	Poor	Wall B, Door 1	- 0.2	Neg.
32	Door Jamb	White	Wood	Poor	Wall B, Door 1	- 0.1	Neg.
33	Soffit	Red	Wood	Poor	Wall C (assoc. w/ addition)	- 0.4	Neg.
34	Fascia	Red	Wood	Poor	Wall C (assoc. w/ addition)	- 0.1	Neg.
35	Door	White	Wood	Poor	Wall D, Door 2	- 0.3	Neg.
36	Door Casing	White	Wood	Poor	Wall D, Door 2	- 0.1	Neg.
37	Door Jamb	White	Wood	Poor	Wall D, Door 2	- 0.1	Neg.
38	Corner Board	Red	Wood	Poor	Wall C/D Corner (assoc. w/ addition)	- 0.1	Neg.

Inspector's Initials KAS



**Clay Point Associates, Inc.**  
P.O. Box 1254, Williston, VT 05495  
(802) 879-2600

### LEAD BASED PAINT TESTING DATA SHEET

ADDRESS: 29 Sage Street, North Bennington, Vermont

UNIT #: n/a

DATE: September 30, 2014

XRF SERIAL NO.: 2471

ROOM EQUIVALENT: Garage – Exterior (continued)

INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
-	Main Building soffit and fascia						POS.
-	Door A-2						
-	Door B-1						
-	Door D-1						
-	Window B-1						
-	Window D-1						

- Main Building soffit and fascia are accessible; assume positive.
- Door A-2 is the same as A-1.
- Door B-1 is prefabricated.
- Door D-1 is the same as B-1.
- Window B-1 components are vinyl.
- Window D-1 is the same as B-1.





**Clay Point Associates, Inc.**  
 P.O. Box 1254, Williston, VT 05495  
 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont      UNIT #: n/a      DATE: September 30, 2014

XRF SERIAL NO.: 2471      ROOM EQUIVALENT: Kiln Ruins & Former Heating Plant      INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
44	Wall	Red	Wood	Poor	Wall A	2.7	POS.
45	Header	Red	Wood	Poor	Above Wall A, Door 1	1.7	POS.
46	Door	Grey	Wood	Poor	Wall A, Door 1	9.6	POS.
47	Door Casing	Red	Wood	Poor	Wall A, Door 1	- 0.3	Neg.
48	Vertical Suprt.	Red	Metal	Poor	Wall A, assoc. w/ Wall A, Door 1	0.0	Neg.
49	Door	Red	Wood	Poor	Wall A, Door 3	2.4	POS.
50	Door Casing	Red	Wood	Poor	Wall A, Door 3	2.2	POS.
51	Corner Board	Red	Wood	Poor	Wall A/D Corner	1.6	POS.
52	Soffit	Red	Wood	Poor	Wall A (D-end)	9.0	POS.
53	Door	Red	Wood	Poor	Wall B, Door 8 (Kiln Bay Door)	1.5	POS.
54	Corner Board	Red	Wood	Poor	Wall B/C Corner	6.8	POS.
55	Door	Yellow	Wood	Poor	Wall B, Door 9	0.6	Neg.
56	Door Casing	Black	Wood	Poor	Wall B, Door 9	8.7	POS.
57	Door Jamb	Red	Wood	Poor	Wall B, Door 9	- 0.1	Neg.
58	Door Casing	Cream	Wood	Poor	Wall C, Door 1	3.3	POS.
59	Wind. Casing	Red	Wood	Poor	Wall D, Window 2	3.1	POS.

Inspector's Initials KAP



**Clay Point Associates, Inc.**  
 P.O. Box 1254, Williston, VT 05495  
 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont      UNIT #: n/a      DATE: September 30, 2014  
 XRF SERIAL NO.: 2471      ROOM EQUIVALENT: Kiln Ruins & Former Heating Plant (cont.)      INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
-	Remaining Wall A	is unpainted	brick.				POS.
-	Door A-2	is the same as	A-1.				POS.
-	Door A-4	and A-5	are the same as A-3.				
-	Window A-1	components	are unpainted metal.				POS.
-	Window D-1	is the same as	D-2.				POS.
-	Window D-1	and D-2	sashes are inaccessible; assume positive.				



**Clay Point Associates, Inc.**  
 P.O. Box 1254, Williston, VT 05495  
 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont

UNIT #: n/a

DATE: September 30, 2014

XRF SERIAL NO.: 2471

ROOM EQUIVALENT: Butler Building Interior

INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
60	Wall	White	Brick	Fair	Wall A	0.1	Neg.
61	Wall	White	CMU	Fair	Wall A	0.0	Neg.
62	Door	Red	Wood	Poor	Wall A, Door 2	1.6	POS.
63	Door Casing	White	Wood	Poor	Wall A, Door 2	1.4	POS.
64	Door	Stained	Wood	Fair	Wall B, Door 1	- 0.2	Neg.
65	Wall	White	Comp Board	Poor	Wall B	- 0.4	Neg.
66	Door	Grey	Metal	Fair	Wall C, Door 2	- 0.2	Neg.
67	Door Casing	Brown	Wood	Poor	Wall C, Door 2	- 0.1	Neg.
68	Door Jamb	Grey	Metal	Poor	Wall C, Door 2	- 0.2	Neg.
69	Door Casing	White	Wood	Poor	Wall D, Door 1	- 0.2	Neg.
70	Column	Red	Metal	Good	A-side, center section	- 0.1	Neg.
71	Column	Red	Metal	Good	Center Section	- 0.0	Neg.

- Ceiling beams are inaccessible; assume positive.  
 - Door A-1 is the same as A-2.  
 - Door C-1 (garage door) is vinyl.  
 - Door D-1 door and jamb are the same as C-2.  
 - Floor is unpainted concrete.



**Clay Point Associates, Inc.**  
 P.O. Box 1254, Williston, VT 05495  
 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont      UNIT #: n/a      DATE: September 30, 2014

XRF SERIAL NO.: 2471      ROOM EQUIVALENT: Butler Building Exterior      INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
72	Wall	Red	Metal	Good	Wall A	0.0	Neg.
73	Corner Board	White	Metal	Good	Wall A/D Corner	- 0.1	Neg.
74	Door Casing	White	Metal	Fair	Wall D, Door 1	0.1	Neg.
75	Vertical Board	White	Wood	Poor	Wall C/D Corner	- 0.1	Neg.
76	Door	White	Metal	Fair	Wall C, Door 3 (garage door)	0.2	Neg.
77	Door Jamb	White	Metal	Fair	Wall C, Door 3 (garage door)	0.4	Neg.
78	Wall	Red	Metal	Good	Wall B	- 0.2	Neg.

- Soffit and fascia are inaccessible; assume positive.
- Door D-1 is prefabricated metal.
- Foundation is unpainted concrete.
- Door C-2 is the same as D-1.

POS.



**Clay Point Associates, Inc.**  
 P.O. Box 1254, Williston, VT 05495  
 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont      UNIT #: n/a      DATE: September 30, 2014  
 XRF SERIAL NO.: 2471      ROOM EQUIVALENT: Mill Building Interior      INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
79	Wall	White	Brick	Fair	Wall D (1 <sup>st</sup> level), electrical room	0.2	Neg.
80	Wall	White	Brick	Poor	Wall D (1 <sup>st</sup> level), hallway near elevator	0.3	Neg.
81	Wall	White	Sheet Rock	Good	Wall D (1 <sup>st</sup> level), hallway near elevator	- 0.3	Neg.
82	Wall	White	CMU	Good	Wall C, East end (1 <sup>st</sup> level)	- 0.2	Neg.
83	Column	Grey	Brick	Fair	East end (1 <sup>st</sup> level)	- 0.0	Neg.
84	Column Suprt.	White	Concrete	Poor	East end (1 <sup>st</sup> level)	- 0.0	Neg.
85	Door	White	Wood	Poor	Wall D, Door 1 (1 <sup>st</sup> level), bar area	5.6	POS.
86	Door Casing	White	Wood	Poor	Wall D, Door 1 (1 <sup>st</sup> level), bar area	2.6	POS.
87	Pipe	White	Metal	Good	North Hallway (near bathroom), 2 <sup>nd</sup> Level	- 0.2	Neg.
88	Window Sash	Red	Metal	Poor	Wall A, Window 2 (3 <sup>rd</sup> Level)	0.1	Neg.
89	Floor	White	Wood	Fair	East Studio (2 <sup>nd</sup> Level)	- 0.1	Neg.
90	Floor	Grey	Wood	Poor	West end stair well (2 <sup>nd</sup> Level)	- 0.2	Neg.
91	Window Sash	Red	Metal	Poor	Wall D, Window 1 (2 <sup>nd</sup> Lvl), West stairwell	0.0	Neg.
92	Column	White	Wood	Fair	North Hallway, 2 <sup>nd</sup> Level	- 0.0	Neg.
93	Wall	White	Brick	Poor	Wall A (3 <sup>rd</sup> level)	0.3	Neg.
94	Wall	Grey	Brick	Fair	Wall B (3 <sup>rd</sup> level)	0.1	Neg.
95	Wall	White	Brick	Poor	Wall B (3 <sup>rd</sup> level)	- 0.1	Neg.
96	Wall	White	Brick	Poor	Wall B of Hallway (3 <sup>rd</sup> Level)	0.0	Neg.
97	Column	White	Brick	Poor	East end, center (3 <sup>rd</sup> level)	- 0.2	Neg.



**Clay Point Associates, Inc.**  
 P.O. Box 1254, Williston, VT 05495  
 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont      UNIT #: n/a      DATE: September 30, 2014  
 XRF SERIAL NO.: 2471      ROOM EQUIVALENT: Mill Building Interior (continued)      INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
98	Column	White	Wood	Fair	East end, center (3 <sup>rd</sup> level)	- 0.1	Neg.
99	Door	Grey	Wood	Poor	Wall C, Door 1 (3 <sup>rd</sup> level)	6.3	POS.
100	Door Casing	White	Wood	Poor	Wall C, Door 1 (3 <sup>rd</sup> level)	7.0	POS.
101	Door	Grey	Wood	Poor	Wall B, Door 1 (3 <sup>rd</sup> level)	1.6	POS.
102	Door Casing	Grey	Wood	Poor	Wall B, Door 1 (3 <sup>rd</sup> level)	4.0	POS.
103	Window Sash	Red	Metal	Poor	Wall D, Window 3 (3 <sup>rd</sup> level)	- 0.1	Neg.
104	Floor	White	Wood	Poor	3 <sup>rd</sup> level	0.1	Neg.

- Ceilings and ceiling beams on 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> levels are inaccessible; assume positive.

POS.



**Clay Point Associates, Inc.**  
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 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont

UNIT #: n/a

DATE: September 30, 2014

XRF SERIAL NO.: 2471

ROOM EQUIVALENT: Mill Building Exterior

INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
105	Wall	Red	Wood	Poor	Wall A (1 <sup>st</sup> level)	1.4	POS.
106	Door	Red	Wood	Poor	Wall A, Door 2 (1 <sup>st</sup> Level)	7.0	POS.
107	Door	Red	Wood	Poor	Wall A, Door 3 (1 <sup>st</sup> Level) (sliding door)	3.9	POS.
108	Vertical Board	Red	Metal	Poor	Wall A (1 <sup>st</sup> Level), assoc. w/ Door A-1	> 9.9	POS.
109	Window Sash	Red	Metal	Fair	Wall A, Window 2 (2 <sup>nd</sup> Level)	- 0.1	Neg.
110	Window Infill	Red	Wood	Fair	Wall A (1 <sup>st</sup> Level)	- 0.3	Neg.
111	Wall	Red	Wood	Poor	Wall B, A-end (1 <sup>st</sup> Level)	1.8	POS.
112	Door	Grey	Metal	Fair	Wall B, Door 1 (2 <sup>nd</sup> Level)	- 0.1	Neg.
113	Door Casing	Grey	Metal	Fair	Wall B, Door 1, inner casing (2 <sup>nd</sup> Level)	- 0.1	Neg.
114	Door Casing	Grey	Wood	Fair	Wall B, Door 1, outer (2 <sup>nd</sup> Level)	- 0.2	Neg.
115	Door Jamb	Grey	Wood	Fair	Wall B, Door 1 (2 <sup>nd</sup> Level)	- 0.1	Neg.
116	Door Casing	Red	Wood	Poor	Wall B, Door 2, outer casing (2 <sup>nd</sup> Level)	> 9.9	POS.
117	Railing	Grey	Metal	Fair	Wall B, assoc. w/ Door B-2 (2 <sup>nd</sup> Level)	- 0.1	Neg.
118	Wind. Casing	Brown	Wood	Poor	Wall B, Window 1 (1 <sup>st</sup> Level)	- 0.4	Neg.
119	Window Sash	Brown	Wood	Poor	Wall B, Window 1 (1 <sup>st</sup> Level)	- 0.2	Neg.
120	Door	Grey	Metal	Fair	Wall D, Door 2 (1 <sup>st</sup> Level)	- 0.0	Neg.
121	Door Casing	Grey	Metal	Fair	Wall D, Door 2 (1 <sup>st</sup> Level)	- 0.2	Neg.
122	Window Sash	Red	Metal	Poor	Wall D, Window 5 (1 <sup>st</sup> Level)	- 0.2	Neg.



**Clay Point Associates, Inc.**  
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 (802) 879-2600

**LEAD BASED PAINT TESTING DATA SHEET**

ADDRESS: 29 Sage Street, North Bennington, Vermont      UNIT #: n/a      DATE: September 30, 2014

XRF SERIAL NO.: 2471      ROOM EQUIVALENT: Mill Building Exterior (continued)      INSPECTOR: Kari A. Paritz

READING	COMPONENT	COLOR	SUBSTRATE	COND.	TEST LOCATION	XRF READING (mg/sq. cm)	CLASS
-	Remaining walls are unpainted brick.						
-	Window B-2 (1 <sup>st</sup> level) is the same as B-1.						
-	Door B-2 and B-3 remaining components are the same as B-1 (2 <sup>nd</sup> level).						
-	Window B-4 (1 <sup>st</sup> level) components are vinyl.						
-	Building soffit and fascia are inaccessible; assume positive.						POS.
-	Door A-1 (1 <sup>st</sup> level) is the same as A-2 (1 <sup>st</sup> level).						
-	Doors D-1, D-3 and D-4 (1 <sup>st</sup> Level) are the same as D-2 (1 <sup>st</sup> level).						

**LEAD CONSULTING ENTITY**

CLAY POINT ASSOCIATES INC.  
P.O. BOX 1254  
WILLISTON, VT 05495-1254

Vermont Department of Health  
Environmental Health  
P.O. Box 70 - Drawer 30  
Burlington, VT 05402-0070

LICENSE: LC200999

EXPIRES: Monday, March 23, 2015

CERTIFICATE OF LICENSE  
VERMONT LEAD REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED  
OR VOIDED BEFORE THAT TIME.  
THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY FOR THE ABOVE PARTY.

COPY OF THIS CERTIFICATE MUST BE ON SITE AT ALL TIMES.

A handwritten signature in black ink, appearing to be 'AAB', is located in the bottom right corner of the document.

LEAD INSPECTOR/RISK ASSESSOR

KARI A. PARITZ  
P.O. BOX 150  
MORRISVILLE, VT 05661

Vermont Department of Health  
Environmental Health  
P.O. Box 70 - Drawer 30  
Burlington, VT 05402-0070

LICENSE: RA935705

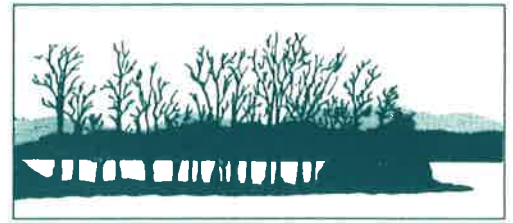
EXPIRES: Wednesday, January 21, 2015

CERTIFICATE OF LICENSE  
VERMONT LEAD REGULATORY PROGRAM

THIS CERTIFICATE SHALL REMAIN IN FORCE UNTIL THE EXPIRATION DATE UNLESS REVOKED  
OR VOIDED BEFORE THAT TIME. THIS CERTIFICATE IS NOT TRANSFERABLE AND IS VALID ONLY  
FOR THE ABOVE PARTY.

COPY OF THIS CERTIFICATE AND PHOTO ID CARD MUST BE ON SITE AT ALL TIMES.





September 30, 2014

Mr. Steven LaRosa  
Weston & Sampson  
98 South Main Street, Suite 2  
Waterbury, Vermont 05676

Re: Asbestos Screening  
Commercial/Residential Structure, 29 Sage Street, North Bennington, Vermont  
CPAI Project #12665

Dear Mr LaRosa:

This correspondence is in reference to the September 30, 2014 asbestos screening performed by Clay Point Associates, Inc. (CPAI) on/within the Garage, AST Enclosure, Kilns/Heating Plant, Butler Building and Mill Building at 29 Sage Street, North Bennington, Vermont. The screening was conducted in advance of planned demolition/renovation and limited to evaluation of accessible suspect asbestos building materials.

On September 30, 2014, CPAI identified the following suspect asbestos materials within all spaces of each building. The number following the material description is the recommended number of samples to be collected during performance of a comprehensive asbestos inspection.

**Garage**

- Sheet Rock (gypsum wallboard) (5)
- Joint Compound, associated with Sheet Rock (7)
- Composition Board Material (panels of Garage doors at South Elevation) (3)
- Roof Coating, silver (may be on main, metal roof) (3)
- Rolled Roofing Material/Flashing Cement (on roof of AST Enclosure at North Elevation, east section) (2/2)
- Caulking, associated with vent opening (East Elevation) (2)
- Caulking, associated with small doors (East & West Elevations) (2)
- Caulking at chimney/building junction (North Elevation) (2)
- Mortar, associated with CMU chimney (North Elevation) (2)

**AST Enclosure**

- Duct Seam Sealant, red (ductwork on ground at east section) (2)
- Rolled Roofing Material or Built up Roofing Material/Flashing Cement (3/3)
- Caulking, associated with wood around pipe penetration (South Elevation) (2)
- Caulking, associated with wood around fill pipe penetration (West Elevation) (1)
- Mortar, associated with CMU foundation (2)

#### Kiln Ruins & Former Heating Plant

- Wallboard (in room at southwest section) (3)
- Duct Seam Sealant, white (in one Kiln Bay) (2)
- Window Glazing #1 (2)
- Window Glazing #2 (2)
- Electrical Wiring Insulation (2)
- Roofing Shingles #1 (2)
- Felt Paper, associated with Roofing Shingles #1 (2)
- Roofing Shingles #2, associated with wood structure at East Elevation of Kilns (2)
- Felt Paper, associated with Roofing Shingles #2 (2)
- Rolled Roofing Material or Built up Roofing/Flashing Cement (5/3)
- Residual Roofing Material on Brick (North Elevation) (6)
- Asphalt based Siding #1 (simulated brick pattern, various walls) (2)
- Felt Paper, associated with Asphalt based Siding #1 (2)
- Asphalt based Siding #2 (simulated brick pattern, chimney structures over Kilns) (2)
- Felt Paper, associated with Asphalt based Siding #2 (2)
- Mortar, associated with brick (3)

#### Butler Building

- Sheet Rock (gypsum wallboard) (3)
- Joint Compound, associated with Sheet Rock (3)
- Composition Board (3)
- Textured canvas wall covering (2)
- Roof Flashing/Flashing Cement (at junction with Mill Building) (2/2)
- Caulking, associated with Exterior (4)

#### Mill Building

- Corrugated Pipe Insulation (3rd Floor, Southeast Section) (1)
- Residual Mudded Pipe Joint Insulation (3)
- Metalbestos Piping (0)
- Sheet Rock (gypsum wallboard) (1998 renovation area) (7)
- Joint Compound, associated with Sheet Rock (1998 renovation area) (9)
- Sheet Rock (gypsum wallboard) (Mechanical Room) (3)
- Joint Compound, associated with Sheet Rock (Mechanical Room) (3)
- Masonite (3rd Floor) (3)
- Covebase, 4", grey and associated Adhesive (2/2)
- Covebase, 4", black and associated adhesive (2/2)

Mill Building (cont.)

- Linoleum Floor Covering, shades of grey and associated Adhesive (2/2)
- Linoleum Floor Covering (3rd Floor) and associated Adhesive (2/2)
- Vinyl Floor Tile, 12' x 12", tan and associated Adhesive (2/2)
- Vinyl Floor Tile, 12" x 12", red with lighter and darker red markings and associated Adhesive (2/2)
- Vinyl Floor Tile, 12" x 12", black with white markings (2), Vinyl Floor Tile, 12" x 12", gold with lighter and darker gold markings (2) both in checkerboard and associated Adhesive (2)
- Duct Seam Sealant, red (Mechanical Room) (2)
- Window Glazing (throughout interior of building) (5)
- Window Glazing (exterior of building) (5)
- Residual Roofing Material on Brick (North Elevation, east section and South Elevation, west section) (8)
- Roofing Materials on Mill Building (not visible during screening) (15 sample allowance)
- Rolled Roofing Material/Flashing Cement (on wood structure at West Elevation) (2/2)
- Caulking, associated with vertical seams in brick (South Elevation) (4)
- Mortar, associated with brick (main building) (3)
- Mortar, associated with brick (footprint of old marble building at northeast section) (3)

No bulk samples were collected from the above referenced suspect asbestos building materials. Currently, all of these materials should be assumed to be asbestos containing materials in accordance with State and Federal inspection protocols.

Building materials assumed to contain asbestos cannot be disturbed and must be maintained in good condition at all times. Representative bulk sample collection/analysis in the future will confirm or deny the presence of asbestos within each assumed building material.

Thank you for the opportunity to service your professional asbestos management needs. If you have any questions concerning this report, please contact us at (802) 879-2600 or by email at [hobson@claypointassociates.com](mailto:hobson@claypointassociates.com).

Sincerely,  
CLAY POINT ASSOCIATES, INC.



Todd C. Hobson  
President

# APPENDIX M

## Background

2014-Present  
Senior Environmental Scientist  
Weston & Sampson

2010-2014  
Senior Environmental Scientist/  
Project Manager  
Ross Environmental  
Associates, Inc.

2007-2010  
Project Scientist  
Ross Environmental  
Associates, Inc.

2011  
Faculty./Instructor  
Community College of  
Vermont

2006-2007  
Recreation Coordinator  
Town of Johnson, VT

2001-2006  
Planning Technician  
Lemolle County Regional  
Planning Commission

2005-2007  
Member  
Cambridge Conservation Commission  
Cambridge, VT

2003  
Facilitator  
Agricultural & Local Zoning Workshop  
Vermont League of Cities and Towns

2001  
Environmental Engineering  
Technician  
Hoyle, Tanner & Associates,  
Inc.

2000  
Field and Laboratory Technician  
Miller Engineering and  
Testing, Inc.

## Education

2001  
Bachelor of Science  
Environmental Science - Natural  
Resources  
Johnson State College

## Professional Training & Certifications

ASTM Phase I Environmental  
Site Assessment and Continuing  
Obligations Course, VT DEC/US EPA  
2012

## EXPERIENCE

**M**r. Rose has over 13 years of environmental engineering and project management experience. His specialized experience includes environmental site assessments, contaminated site investigations, geologic/hydrogeologic site characterizations, developing corrective action plans and feasibility studies, vapor intrusion investigations, environmental construction design and oversight, remediation and restoration of contaminated properties, permit review and development, environmental sampling, data analysis, and report preparation.

## RELEVANT EXPERIENCE

### **Green Mountain College, Poultney, VT, - Project Manager**

Provided environmental monitoring during campus biomass facility retrofit which included the decommissioning and removal on 30,000 gallon UST, delineation of contaminant plume, characterization and management of contaminated soils, and groundwater concurrent with construction activities. Corrective action included removal of over 1,270 tons of contaminated soil from the source area and dewatering of contaminated groundwater.

### **Manchester Village Country Inn, Manchester, VT - Project Manager**

Worked with multiple prospective purchasers in managing due diligence and health and safety requirements related to property transaction of vacant inn. Phase I ESA revealed several potential contaminants of concern related to historical uses. Phase II ESA was designed to define the extent of potential contaminants including PAHs, Metals, VOCs, and SVOCs and evaluate potential risk to receptors during redevelopment and risk posed after development is completed.

### **Johnson Streetscape Improvement Project, Johnson, VT - Project Manager**

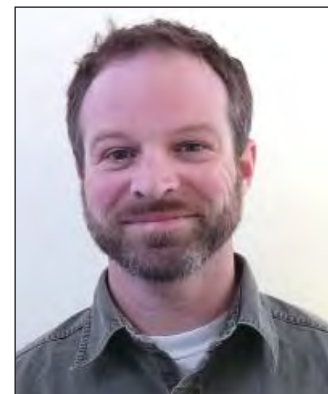
Coordinated with contractors, municipal officials, VT DEC, VTRANS, and private landowners on shared streetscape/storm water improvement project that passed through several active contaminated sites. Provided pre construction scoping and ongoing soil and groundwater characterization during installation of new subsurface storm water infrastructure. Oversaw the removal, management, and disposal of petroleum contaminate soils within the ROW.

### **Former Barton Cleaners, Barton, VT - Project Manager**

Former dry cleaning facility identified in operation from 1948 to 2000 during a Phase I ESA at abandoned commercial property. Phase II ESA included evaluation of potential dry cleaning contaminants and VOCs. Developed CAP to address residual petroleum contamination related to former leaking UST. Following remedial source removal, the property was successfully rehabilitated to commercial retail use.

### **Northfield Freight Yard, Northfield, VT - Project Manager**

Worked with private developer to document comprehensive site history for former railyard property with multiple historical industrial uses and documented contamination associated with a former and an active petroleum bulk storage facility, and former rail operations including wood preservation. Additional investigation included a Phase II ESA which characterized the extent of onsite contaminants including dioxins, PAHs, VOCs, SVOCs and metals. Investigative work led to completion of all regulatory requirements for site closure. Supported land owners with planning and oversight for



*Professional Training &  
Certifications, cont.*

OSHA 29 CFR 1910.120 40-Hour  
Hazardous Waste Operations and  
Emergency Response Course, 2007  
(Annual Refresher 2008-2013)

ICC UST Decommissioning  
Certification  
2013, 2011, 2009

Combustible Dust Training, VT  
Safety/FM Global  
2011

ITRC Vapor Intrusion Training Course  
2010

NWETC Contaminant Vapor  
Migration Course  
2009

Groundwater Pollution and Hydrology  
Course, Princeton Groundwater, Inc.  
2008

OSHA 10-Hour Construction Course  
2008

Lincoln Institute of Land Policy,  
Ecology and Conservation  
Fundamentals  
2005

VT Agency of Natural Resources  
Stream Geomorphic Assessment  
Training  
2005

Lincoln Institute of Land Policy,  
Comprehensive Land Planning Course  
2004

Keeping Your Audience From Falling  
Asleep, COPE & Associates, Inc.  
2003

Getting Your Message Across  
VT Local Roads Program  
2003

Community Planning Workshop  
Nick Wates & Associates  
2002

successful subdivision of property with multiple onsite stakeholders and rehabilitated formerly vacant parcel to commercial manufacturing use.

**Mansfield Professional Building, Burlington, VT - Project Scientist**

Investigation detailed gross petroleum contamination related to two abandoned USTs located and subsequently removed from green belt/roadway after investigation had begun. Approximately 4,000 tons of petroleum contaminated soil was removed from the property during construction of a new residential building. Developed work scope for evaluation of vapor intrusion impacts and assisted in ongoing monitoring of subsurface soil and groundwater contamination.

*Background*

2001-Present  
Regional Manager  
Weston & Sampson

2001  
Director of Environmental Services  
Geosphere Environmental Mgt.

1994-2001  
Technical Dir./Remedial Engineering  
Twin State Environmental Corp.

1993-1994  
Project Mgr./Environmental Scientist  
Provan & Lorber, Inc.

1992-1993  
Project Mgr./Environmental Scientist  
Environmental Control Technologies

1989-1992  
Environmental Scientist  
Remedial Engineering  
Environmental Chemist  
Project Mgr./Client Relations  
Groundwater Technology, Inc.

1988-1989  
Research Analytical Chemist  
Hoechst-Celanese Corporation

1986  
Oceanographic Research Intern  
National Oceanic and  
Atmospheric Admin.

1981-1983  
Aquatic Research  
URI Limnology Department

*Education*

1987  
Bachelor of Science  
Physics, Minor in Chemistry  
Concentrations in  
Ecology and Mathematics  
University of Rhode Island

*Professional Certifications*

Professional Engineer:  
Vermont No. 018-0008922

Certified Hazardous Materials  
Manager

ANR Septic Designer License:  
Vermont

40-Hour OSHA Training Certified and  
Supervisory Training with  
Annual Updates

**EXPERIENCE**

**M**r. Bisceglia manages our Vermont office. He has over 22 years experience assisting federal, municipal, industrial and private sector clients with projects involving environmental assessment, hazardous waste remediation, Brownfield redevelopment and water supply treatment. He is an expert in Brownfield project planning, technical oversight of Quality Assurance Project Plans, implementation of proven innovative field sampling activities, and remediation planning. He routinely implements the Triad approach while working on petroleum and hazardous waste sites that require various phases of work such as Phase I & II ESAs, Corrective Action Feasibility Investigations, and Corrective Action Plans. This work involves effectively communicating with site owners, regional planning commissions, Vermont Department of Environmental Conservation, Vermont Department of Health and the US EPA. An example of the types of sites Mr. Bisceglia has experience with include: industrial mills; petroleum service stations, refinery and pipeline, bulk plants, and underground storage tanks; dry cleaners; autobody shops; commercial real estate transactions; academic institutions; residential oil spills; manufactured gas plants; rail facilities; public bus garages; emergency response; and contaminated water supplies.

**SPECIFIC PROJECT EXPERIENCE**

**Brownfields** - For the Central Vermont Regional Planning Commission where Mr. Bisceglia is assessing 11 distinct areas of contamination at a mill complex adjacent to the Dog River in Northfield Falls, Vermont. The mill had various uses but most importantly, during the 1950's was used to manufacture asbestos fire-retardant clothing. Asbestos has contaminated the inside of the Mill and an extensive area of exterior soils down to the river. The asbestos issues at this site have been under regulatory management since the early 1990s under an Administrative Order through the Agency of Natural Resources and Department of Health. There are also RCRA issues with waste handling practices currently being addressed. Other recognized environmental conditions (RECs) throughout the site include fuel oil, PCBs, metals, and Bis (2-ethylhexyl) phthalate - a plasticizer for paint spray products. Our role includes Phase I and II assessment activities, regulatory negotiations and planning for additional phases to successfully complete the Brownfield project. The future work will likely entail a comprehensive ecological and health risk assessment, Corrective Action Feasibility Investigation and a Corrective Action Plan.

**Brownfields** - With funding provided through an EPA Brownfields Assessment Grant, an ASTM Phase I ESA was conducted at the former Adams Paper Mill in Wells River, Vermont. As project manager, Mr. Bisceglia assisted the Two Rivers-Ottawaquechee Regional Commission with this project. The former mill operated from the middle 1800s until it was shut down in the early 1980s due to noncompliance with the National Discharge Elimination System (NPDES) regulations. The assessment is being used to establish potential environmental liabilities and risks associated with redevelopment scenarios related to multiple RECs such as asbestos in soils, PCBs, dioxin, and petroleum hydrocarbons.

**Urban Redevelopment, Burlington, Vermont** - Mr. Bisceglia assisted with the design and construction of a new public works facility constructed atop the Pine Street Barge Canal Superfund Site (coal tar). This project entailed development of a health and safety program to protect worker safety and the environment in order to continue site construction activities.

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*Professional Societies*

Academy of Certified Hazardous  
Materials Managers  
National Groundwater Association  
American Society of Civil Engineers  
American Water Works Association

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*Presentations*

Design-Build of an Emergency  
Multi-Phase Extraction System

Overcoming Site Challenges to  
Optimize an Inactive LNAPL  
Containment and Recovery System

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*Awards*

2010 ACEC Silver Award  
Morrisville Water & Light  
Water System Improvements  
New High Service Area

2008 ACEC Gold Award  
MBTA Cabot Yard  
Remediation System -  
Innovative Design in a  
Complex Urban Environment

2007 ACEC Grand Award  
Champlain Water District -  
Improving Water Quality by Reducing  
Disinfection Byproducts Through  
Monochloroamination

Brownfields, Poultney, Vermont - Mr. Bisceglia assisted with remediation efforts for the redevelopment of an industrial site into a municipal building at a mercury-contaminated site. This project was recognized by Governor Dean as Vermont's first successfully completed Brownfields project.

Brownfields - Under an EPA Brownfields Grant, at the former Gemini Mill Building, Mr. Bisceglia provided technical review of a Phase II assessment program. The review was used to develop corrective action feasibility planning for separate-phase oil that was located under the building footprint. Remedial options were evaluated and presented to the client offering both a short and long term approach. The project tasks were completed with the submittal of a corrective action plan and the project is awaiting potential funding for remediation.

Brownfields - Mr. Bisceglia assisted the Northwest Regional Planning Commission with two Phase I ESA Brownfields projects, one for a manufacturing facility and one for an auto body shop in a commercial/industrial downtown setting. These projects are funded by both petroleum and hazardous substances EPA Brownfields Grants.

Remediation - Groundwater Remediation Leaching into River, Gasoline (Georgia, Vermont) - Under the VTDEC, performed site characterization, corrective action feasibility investigation and corrective action planning to developed a systematic approach to remediating gasoline-contaminated soil and groundwater. The first phase consisted of a high vacuum DPE system followed by an in-situ bioremediation (ISBR) program. Site-specific cleanup goals were determined based on a risk-based corrective action (RBCA) level determined from a natural attenuation study. ISBR entailed using an aerobic degradation process of injecting enzyme/bacterial complexes, nutrients, and oxygen.

Remediation - Remedial system design for a 4,500 gallon gasoline spill near a wooded area upgradient of agricultural property and a watershed (Fairfax, Vermont). Performed emergency response and corrective action planning that included the installation of a recovery well and trench system. Electric utilities were brought in, and an access road was constructed while a remedial trailer was being designed and fabricated for long-term cleanup. The remedial trailer included pneumatic total fluids pumps, oil-water separator, low-profile air stripper, liquid-phase carbon filters, and a catalytic oxidizer to treat volatile emissions from the air stripper.

Remediation (Milton, Vermont) - Following site characterization, corrective action feasibility investigation and corrective action plan approval from the VTDEC, at a commercial facility released gasoline and mineral spirits into the soil and groundwater that was hydraulically upgradient of a lake and river, Mr. Bisceglia directed the design, fabrication, and operation of a treatment trailer to remediate soil and groundwater contamination and limit future impact to surface water. The remedial system utilized a combined vapor extraction and air sparging system with extracted hydrocarbons treated with a catalytic oxidizer.

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*Background*

2012-Present  
Project Manager  
Weston & Sampson

2006-2012  
Senior Project Manager/  
Hydrogeologist  
Heindel & Noyes, Inc.

2001-2006  
Chief of Operations  
Lincoln Applied Geology, Inc.

1997-2001  
Senior Scientist, Hydrogeologist  
Heindel & Noyes, LLC

1987-1997  
Geologist and Hydrogeologist  
Lincoln Applied Geology, Inc.

1986  
Hazardous Waste Technician  
State of Vermont Department of  
Water Resources  
(Cooperative Education Program)

1985  
Analytical Chemistry Laboratory  
Technician  
Aquatec, Inc. (Cooperative  
Education Program)

1984  
Research Technician  
United States Army Natick Research  
and Development  
Center (Cooperative Education  
Program)

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*Education*

1987  
Bachelor of Science  
Geology, Biology minor  
Northeastern University

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*Professional Training*

Numerous continuing education seminars and short courses including:  
Groundwater  
Geochemistry; Vadose Zone  
Investigation and Monitoring; QAPP  
Development;  
Wastewater Disposal Methods;  
Soil and Groundwater Remediation  
Methods and Pump  
Testing Analyses

**EXPERIENCE**

**M**r. LaRosa is a geologist with over 20 years of experience within Vermont and has established relationships over the years with many regulators within the VTDEC. He has extensive experience in preparing work plans and Quality Assurance Project Plans (QAPPs) using TRIAD investigative techniques, cost estimating, health and safety programs, Corrective Action Feasibility Investigations (CAFI) and Corrective Action Plans (CAPs). Steve has been involved with all aspects of surface and subsurface investigation with various types of drill and testing equipment and routinely provides legal expert testimony regarding environmental site contamination issues in Vermont.

**SPECIFIC PROJECT EXPERIENCE**

Lead scientist in the completion of subsurface investigation, corrective action feasibility investigation, corrective action plan design, installation and implementation at former commercial dry cleaner in Northern Vermont. Contaminant impact of 12 off site properties resulted in vapor intrusion at several locations. Remedial systems have mitigated impacts. Also served as expert witness for client in several lawsuits by neighboring property owners. Was instrumental in negotiations with prospect source site sale and have been retained as new owners consultant for future redevelopment activities. Work has been performed under contracts with property owner, VDEC Brownfields Program, Burlington Community and Economic Development (CEDO) Brownfields Funding and an insurance company.

Lead scientist in the completion of subsurface investigation, corrective action feasibility investigation, corrective action plan design, installation and implementation at former commercial dry cleaner/clothing manufacturer in Bradford, Vermont. Contaminant impact of multiple off site properties by multiple source areas resulted in the need for several remedial systems located throughout impact area. Resulting clean-up has reduced contaminant concentrations to levels below Corrective Action Plan goals. Also served as expert witness in legal action against client by neighbor.

Developed work plan and oversaw Phase I and II Environmental Site Assessments at site in downtown Burlington for regional planning commission. SSQAPP accepted by VDEC and EPA utilized direct push methods, field gas chromatograph screening and a flexible investigative approach resulting in completion of investigation in one mobilization. Contaminants of concern included petroleum, and PAHs. Coordination with City, neighbors and public interest groups was key to achieving an efficient and effective investigation.

Senior scientist overseeing Phase I and II Environmental Site Assessments of 4 properties in Barton, Vermont under local planning commission grant from EPA. Developed work scope and Site Specific Quality Assurance Project Plan for investigation of auto dealer and repair operation covering multiple lots. Investigation procedures included a flexible TRIAD style approach using on site gas chromatograph and bioassay methods. Iterative analyses and investigative techniques resulted in complete contaminant identification and delineation in one mobilization. Contaminants of concern included petroleum, PCBs, solvents, PAHs and metals. Performed asbestos inspection and sampling of four buildings. Resulting report utilized to negotiate purchase of property for redevelopment.

Lead scientist in the performance of Environmental Site Assessments at five properties in St. Johnsbury, Vermont under the Northeastern Vermont Development Association

## STEVEN J. LAROSA

*Geologist / Environmental Scientist*

(NVDA) Brownfields Program. Area assessed included multiple potential environmental threats from the past 100 years of use.

Lead scientist in the completion of subsurface investigation, corrective action feasibility investigation, corrective action plan design, installation and implementation at former dry cleaner in Manchester, Vermont. Contaminant impact of multiple off site properties. Significant involvement of public via face-to-face and Town meeting environments necessary to achieve access to entire area impacted. Corrective actions include vapor intrusion mitigation of the source site building and 4 off-site buildings via multiple mitigation systems. Corrective action feasibility study included pilot testing of In-Situ Chemical Oxidation (ISCO) and Soil Vapor Extraction (SVE).

Lead scientist in the completion of subsurface investigation, corrective action feasibility investigation, corrective action plan design, installation and implementation at former Howe Cleaners site in Barre, Vermont. Contaminant impact of multiple off site properties. Corrective actions included vapor intrusion mitigation of the source site building via multiple extraction systems. Corrective action feasibility study included bench and pilot testing of In-Situ Chemical Oxidation (ISCO), Multi Phase Extraction (MPE) and Soil Vapor Extraction (SVE). Work performed under multiple contracts with the VDEC. Served as expert witness for VDEC in multiple lawsuits against former operators of site.

Lead scientist in the completion of subsurface investigation, vapor intrusion potential investigation and corrective action plan design, at former dry cleaner in Barre, Vermont. Contaminant impact of multiple off site properties. Sources include former dry cleaner building and leakage from sewer connections. Investigation included use of Gore Sorbers, downhole camera and ground penetrating radar. Corrective actions feasibility investigation included pilot testing of In-Situ Chemical Oxidation (ISCO). Multiple soil gas intrusion mitigation systems being designed and installed.

Oversight/direction of 75 to 100 petroleum contaminated sites investigated or remediated, or ongoing remediation in Vermont, New York and New Hampshire. Sites range from retail gasoline stations to residential fuel oil spills to bulk storage facilities.

Lead scientist in the determination of contaminant source to river in Milton, Vermont. Utilized remote camera and subsurface investigation in public right of way to define source site from multiple potential sources. Remediation of free phase product from multiple recovery wells and over/under dam.

Project manager for emergency response to catastrophic UST release threatening sole source water supply in Chelsea, Vermont. Emergency groundwater containment and product recovery systems installed along with water source filtration system. Subsequent subsurface investigation defining extent of contamination and remedial system effectiveness.

Senior scientist overseeing investigation and remediation of petroleum contamination impacting multiple public bedrock water supply wells in Hinesburg, Vermont. Multiple aquifers are impacted and have been investigated. Contaminant remedial systems designed, installed and implemented which address several impact geologic environments under the source site and beneath a state highway.

## STEVEN J. LAROSA

*Geologist / Environmental Scientist*

Lead scientist for investigation of the source of petroleum contamination in 20 private water supply wells in Hartland, Vermont. Oversaw the investigation, monitoring and reporting associated MtBE contamination of dozens of drinking water supplies. Determined the source to be a historic truck rollover spill which impacted both shallow and deep bedrock aquifers. Provided expert testimony for the client (VDEC) in successful lawsuit against trucking company.

Project Manager – Addison County Wastewater Disposal System Evaluation. Led the performance of the investigation of several dozen wastewater systems installed at “non conforming” site throughout the county to determine conditions allowing function of system without evidence of “failure”. Work included negotiations with property owners, monitoring well installations, data collection oversight, evaluation and report presentation.

Project Manager – Performed site evaluation, soil evaluation, designed, and tested pilot drip disposal system for Indirect Discharge Rule regulated facility in Shelburne, Vermont. This is the first drip disposal system approved by the VDEC under the IDRs. The pilot system was installed and tested for 6 months to determine the maximum hydrologic capacity and treatment capabilities of the soils. The pilot test proved a capacity nearly 3 times that originally approved by the VDEC and will soon be the first permitted drip disposal system under the IDRs.

Project Manager – Pilot tested and designed spray site expansion system for large seasonal resort in Vergennes, Vermont. Over saw performance of pilot testing of a multi zone spray application field to determine hydraulic capacity of proposed expansion area. Performed design of system expansion. Achieved VDEC permitting for system installation.

Senior Scientist – Performed fracture trace, site reconnaissance, geophysical investigation of more than a dozen public water supply sources throughout Vermont. Have successfully located, tested and had permitted sources ranging from 5 to 150 gallons per minute demand. Testing has involved performance of step and constant rate pumping tests in accordance with VDEC Water Supply Rules. Analyses performed include safe yield, interference analyses, development of 2 year travel distances and development of source protection plans.

Performed soil evaluation designed and supervised installation of dozens of small scale onsite sewage disposal systems.

Project Manager - Investigation and remediation of reduction of bedrock water supply well yield for a municipality in western Vermont. Investigated the reasons for significant long term yield reductions in a 600 foot deep bedrock well and designed redevelopment techniques to increase yield. Redevelopment designs needed to consider multiple sources of contamination identified in the bedrock aquifer and continued use of the only remaining public water supply nearby. Redevelopment included hyperchlorination, surging, isolation packed acid treatment and flushing. These techniques increased well yield by 25 to 35%.

Senior Scientist - Development of a multi-unit residential development water supply source in southern Vermont. Work included supervision of step and constant rate discharge tests, data analyses, interference calculation and development of a Source Protection Area and Source Protection Plan. Further pump testing analyses have been reviewed to determine predicted interference from new neighboring water supplies.

**STEVEN J. LAROSA**

*Geologist / Environmental Scientist*

Senior Scientist – Developed and performed new water supply source investigation for central Vermont Ski Area. Work included feasibility analysis, fracture trace analysis, geophysical investigation (VLF, Magnetometer), and site reconnaissance to find multiple potential high yielding bedrock well sites meeting clients future development and State regulatory requirements.