

## Phase I Environmental Site Assessment

February 23, 2015

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**Eveready Property**  
75 Swanton Road  
St. Albans, Vermont

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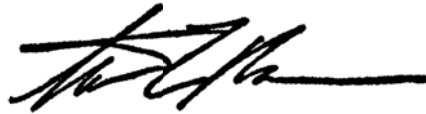
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**ASTM Phase I Environmental Site Assessment  
75 Swanton Road  
St. Albans, VT**



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Steven LaRosa  
Senior Reviewer

February 23, 2015  
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 Mr. Patrick Malone, owner of Malone Properties of Montpelier, Vermont to perform a Phase I Environmental Site Assessment (ESA) of the Energizer Manufacturing Facility property located at 75 Swanton Road (the Site) in the Town of St. Albans, 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 Site has been continuously used for industrial manufacturing purposes since its original development in the 1940's. The onsite buildings are owned by and operated as Energizer Battery Manufacturing, Inc.
- The Site consists of a main manufacturing building and several outbuildings located on the western side of the property with mainly open lawn, fields, or wooded land surrounding the plant. The small "triangular lot on the northwest corner the Site is vacant.
- The facility at the Site has produced flashlights, flashlight components, and batteries. It has operated as Union Carbide, Eveready, and Energizer. Environmental impacts to soil and groundwater have included releases of chlorinated volatile organic compounds (CVOCs), mainly trichloroethene (TCE), as well as metals chromium, and nickel.
- The Site is on the CERCLIS list and reported that no further action planned by the EPA.
- The Site is actively managed by the VTDEC as a State Hazardous Site (SMS Site #770077). The nature, source, degree, and extent of contamination and possible pathways for contaminant migration have been defined.
- On and off-Site TCE groundwater contamination is slowly degrading, no longer migrating and is monitored on a biennial and annual basis. The extent of the chromium and nickel contaminated groundwater is monitored on a regular basis and findings reported to the VTDEC. The contaminant plumes have been defined and appear stable and declining.
- Relevant sensitive receptors have been identified and the risk to human health and the environment has been qualitatively evaluated.
- Energizer has completed extensive remediation and mitigation activities at the Site, including removal of impacted soil from the former plating room, former sludge dewatering lagoon, and former sludge disposal landfill. These remediation activities were reviewed and approved by the VTDEC.
- Remediation of the trichloroethylene (TCE) groundwater contaminant plume continues to be managed by a groundwater interceptor trench at the northern property boundary which is preventing further migration of CVOC-impacted groundwater offsite.
- A Site monitoring plan has been approved by the VTDEC and a vapor intrusion investigation is ongoing.
- Several off-Site contaminated properties in the vicinity of the Site have been identified in state

and federal database review. Based on a review of the available information, none of the nearby listed properties are likely to pose an environmental threat to the Site.

- Due to the age of the structures at the Site there is the potential for the presence of lead-based paint, asbestos containing building materials and molds. These building materials and concerns were not tested during this phase of work.

Weston & Sampson has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E1527-13 of the property located at 75 Swanton Road in St. Albans, VT (Site). Any exceptions to, or deletions from, this practice are described in Section 13 of this report. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) in connection with the Site except for the following:

- 1.) The prolonged use and exposure to several hazardous substances at the Site including petroleum related VOCs, TCE, chromium, nickel, PCBs, PAHs and lithium culminate into a significant REC. The nature, source, degree, and extent of contamination and possible pathways for contaminant migration have been defined through previous investigative and remedial efforts. However, the potential for vapor intrusion, contamination of building materials, and possible presence of contaminants beneath the building slab continue to pose a material threat to future uses and redevelopment at the Site.

Furthermore, as described above, Weston & Sampson views the entire Site as a REC. However, specific REC's associated with the past uses at the Site were further identified in the May 2014 *Phase I ESA* completed by ECS (Section 9.0) and are provided below. The areas detailed below represent the minimum areas/locations of the Site that may require additional investigation prior to development. Weston & Sampson agrees with the evaluation of these areas as presented in the May 2014 *Phase I ESA* completed by ECS and we feel these areas, in addition to any new areas of development, should be investigated in conjunction with any future development at the Site.

- 1.) *The potential for vapor intrusion to indoor air exists, due to the concentrations of TCE in groundwater beneath the building.*
- 2.) *A former railroad spur served the property. Typical contaminants of concern from railroad tracks, include PAHs and herbicides. Additionally, the stopping of trains at the end of a railroad spur at the plant could represent the threat of a release of heavy oils from trains.*
- 3.) *The plating room excavation in 1992 was performed to cleanup goals of 100 ppm total chromium and 300 ppm total nickel, which were approved by the VTDEC. Confirmatory samples were collected at a depth of six feet. Though these cleanup goals are consistent with current EPA regional RSLs for industrial soils for total metals, the confirmatory soil samples were not analyzed for hexavalent chromium, which currently has an industrial soil EPA RSL of 5.6 ppm.*
- 4.) *The onsite landfill cells were closed out with confirmatory samples collected for TCLP analysis of metals of concern in 1989 in accordance with the VTDEC criteria at that time and, prior to the establishment of EPA soil guidance values for industrial sites. Confirmatory samples and testing criteria were approved by VTDEC at the time of the work, and no further action has been required. The landfill area was closed out under older criteria; confirmatory samples from the base of the landfill excavation may not meet current criteria and do not appear to have been sampled for hexavalent chromium, which has an industrial RSL of 5.6 ppm. The network of soil borings and groundwater monitoring wells*

do not appear to fully encompass this former landfill area, particularly the landfill cells furthest to the east. According to Mr. Houser of Energizer, monitoring well locations at that time were approved by the VTDEC and assumed to be sufficient for characterizing the former landfill area. The VTDEC only required that monitoring wells be installed downgradient of the former landfill, with groundwater flow direction having been determined by prior well monitoring.

- 5.) The sludge lagoon was closed out in 1980 and all sludge was reportedly excavated and relocated to the onsite landfill, which was sufficient to satisfy VTDEC requirements at that time. However, from the available reports it does not appear that any confirmatory soil sampling and testing was performed at the base of this lagoon excavation. Additionally, the EPA Preliminary Assessment report form stated “waste spread around lagoon in some instances”. Additionally, the CPMP stated that “some of the sludge was reportedly spread around the edges of the lagoon (using a manure spreader provided by a local farmer) in order to speed drying. ECS was not able to locate documentation that the shallow soils onto which the lagoon waste was spread had been environmentally tested or if this area had been excavated. Groundwater sampling was required from nearby groundwater monitoring wells and is still monitored under the existing annual groundwater monitoring program. The lagoon does not appear to have been closed out under current regulatory standards; however, at the time of its closure the work was performed under the direction of the VTDEC and as per VTDEC requirements in 1980. According to Mr. Houser, the horizontal limits of the sludge lagoon were documented at the time of the excavation, and that documentation was subsequently used as a basis for soil and groundwater testing in the vicinity and downgradient of the sludge lagoon.
- 6.) Though groundwater and soil have been regularly sampled for TCE and other chlorinated VOCs, chromium, and nickel, the threat exists of a historic release of other chemicals utilized historically in the plant, such as petroleum-related VOCs, various oils, PCBs, lithium and other metals, and PAHs and heavy metals from potential coal ash in the “coal yard” area. According to Mr. Houser of Energizer, Energizer has addressed and/or is currently addressing all known releases.
- 7.) There have been reported releases of TCE within the plant, either to the plant floor, discharged as vapors by ceiling fans, or releases to the St. Albans municipal sewer system. Building materials such as floors, piping, and ceiling fans may be contaminated by TCE and other manufacturing chemicals.
- 8.) Known groundwater and soil TCE contamination exists onsite, and groundwater is captured by an interception trench at the property boundary. Groundwater quality and the effluent from the trench are regularly monitored. Though contamination migrated offsite via groundwater transport prior to the installation of the interception trench, the extent of soil and groundwater TCE contamination has been reasonably defined and is controlled by the monitoring and trench.
- 9.) Known groundwater total chromium, hexavalent chromium, and nickel contamination exists onsite. The extent of groundwater contamination has been adequately defined as documented by the VTDEC’s acceptance of long term groundwater monitoring.

The following items do not qualify as RECs but are considered Business Environmental Risks (BERs) outside the scope of the Phase I ESA and may be of interest to the user:

- 1.) Based on the age of the structures on the property, asbestos containing building material, lead paint, and PCB containing material could be present in the building materials located on the Site. This may be of importance to any prospective purchasers as this requires special management during any physical renovation of these areas. Based on the planned use of the building and pending any renovations, a formal lead paint and/or asbestos inspection may be of interest to the owner, but does not constitute a REC at this time.
- 2.) A number of fluorescent light tubes were noted as being used in lighting fixtures throughout the building. According to the EPA, management and disposal by businesses of fluorescent light bulbs and other mercury-containing bulbs are regulated under the RCRA Universal Waste Rule (UWR) and Subtitle C hazardous waste regulations. Proper disposal of any spent bulbs is recommended.

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

- 1.) Given the extensive and long term hazardous chemical and materials use and documented releases at the Site, Weston & Sampson recommends that future development of the Site should be done with caution and consultation with an environmental professional. The potential environmental impacts, liability, and management of future uses should be investigated and evaluated in concert with any future development plans at the Site.
- 2.) The out of service 12,000 gallon fuel oil AST should be formally decommissioned and removed from the Site.
- 3.) The unsealed floor drains located in the Main 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 should occur.
- 5.) All requirements of the VTDEC Sites Management Section regarding the Site should continue to be met. Sampling and reporting of conditions related to the property, grounds, and buildings should continue to be completed.

## 1.0 INTRODUCTION

Weston & Sampson, on behalf of Mr. Patrick Malone, owner of Malone Properties (Malone) of Montpelier, Vermont has prepared this Phase I Environmental Site Assessment (ESA) Report for an approximately 70+- acre property located at 75 Swanton Road, in St. Albans, Vermont (the Site). The Site consists of the former Energizer Manufacturing Facility and is currently owned by Energizer Battery Manufacturing, Inc.

Weston & Sampson was requested by Malone to complete an ASTM Phase I ESA of the Site. Malone wishes to determine if recognized environmental conditions (RECs) exist at the Site, and to utilize the Phase I ESA as part of an application to the Vermont Department of Environmental Conservation (VTDEC) Brownfields Program.

The ESA was performed in accordance with the Standard Practice E 1527-13, developed by the ASTM and compliant with 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 Site and vicinity for potential RECs.

This report is subject to the Limitations described in Section 13.0.

### 1.1. Purpose

The Phase I ESA was performed to assess the Site 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 Malone to satisfy some of the requirements to qualify for the 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 Site 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 Site through a review of referenced sources for topographic, geologic, soil, and hydrologic data;
- Site history through a review of referenced sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports, and interviews;

- Current Site 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

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## 2.0 SITE DESCRIPTION

### 2.1. Site Ownership and Location

#### 75 Swanton Road – St. Albans, Vermont

Latitude/Longitude:	44° 49' 58" North 73° 4' 33" West
UTM Coordinates:	Zone 18 652,077 meters Easting 4,965, 971 meters Northing
Site Owner:	Energizer Battery Manufacturing, Inc.
Site Occupants:	Vacant
Site Location:	75 Swanton Road – St. Albans, VT
County:	Franklin
Parcel ID:	17-011-021
Size:	65.51 acres (Main Parcel)
(70 +/- total acres)	4.98 acre (Triangular Parcel-undeveloped)

The Site is approximately 70+- acres in size consisting of two separate parcels; the Main Parcel which is developed and contains the main manufacturing facility building and several outbuildings, and an undeveloped Triangular Parcel located adjoining the Main Parcel to the northwest. The Site is located in the Heavy Industrial District on the north end of the Town of St. Albans.

A Locus Map and Aerial Map of the Site and general surroundings are provided as **Figures 1 & 2**. Detailed Site maps are included as **Figures 3 & 4**.

### 2.2. Current Use of the Site

The Site contains the former Energizer Battery Manufacturing facility which is currently unoccupied but was historically used for manufacturing.

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

The Site is located off of Swanton Road/US Route 7 and is accessed by way of a private cul de sac driveway access on the east side of Swanton Road. A separate truck entrance is located on the north side of the property off of Franklin Park West Street. Onsite buildings were first constructed in 1947 with major expansions completed in the 1970's. Existing buildings include one main manufacturing building with over 196,000 total square feet of manufacturing space consisting of 146,714 square feet of production space, 37,837 square feet of warehouse space, and 11,449 square feet of office space. Several smaller outbuildings related to onsite utilities and storage are located around the east and southeast sides of the main manufacturing building. Additional improvements include a paved parking lot and a storm water retention pond to the north of the main manufacturing building, and a section of a rail line spur that connects to the Missisquoi Valley Rail Trail (MVRT). The southern portion of the Site is managed as an agricultural hay field. The eastern portion of the Site is a treed area extending from the



manufacturing facility to the MVRT which forms the eastern border of the Site. The Triangular Parcel on the northwest corner of the Site is vacant and undeveloped.

The manufacturing buildings are constructed primarily of steel and concrete with some exterior walls constructed from masonry brick and concrete block. Some of the outbuildings are constructed of metal siding. A copy of the site plan and figure depicting the overall plant layout and specific manufacturing building locations are included as **Figures 3 & 4**.

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

The area surrounding the Site is developed with a mix of residential and commercial uses. The Swanton Road/US Route 7 roadway bounds the property to the west, with commercial and residential uses beyond the roadway. The properties to the north include a car sales and service facility and a storage facility which are accessed by Franklin Park West. The MVRT and former railroad right of way forms the eastern property boundary with open agricultural uses noted beyond the rail trail to the east. A residential subdivision adjoins the property south.

#### **2.5. Summary of Environmental Concerns, Previous Studies, and Corrective Actions**

Weston & Sampson completed a comprehensive review of numerous documents related to the investigation and remediation of adverse environmental impacts associated with the Site. In addition to reviewing several investigation and monitoring reports included in the VTDEC site file (SMS Site #77-0077), the May 2014 Phase I ESA prepared by Environmental Compliance Services (ECS) and the September 2014 Historical Site Investigation and Remediation Activities Summary Report developed by Environmental Resource management (ERM) were relied upon during the development of this report. An excerpt from the May 2014 Phase I ESA by ECS which summarizes the previous environmental concerns, investigations and corrective actions at the Site is include below. Further details related to the history of the identified concerns and a list of reports from which the following summary is based on are included in Section 2.2 of the May 2014 Phase I ESA by ECS. A copy of the text portion of the report is included as **Appendix H**.

*“In summary, the factory has operated since 1947 producing flashlights, flashlight components, and batteries. It has operated as Union Carbide, Eveready, and Energizer. Environmental impacts to soil and groundwater have included releases of chlorinated volatile organic compounds (VOCs), mainly trichloroethene (TCE), as well as metals chromium, and nickel. Wastewater containing these compounds was previously treated in an onsite wastewater treatment system. Sludge was disposed of in a former onsite lagoon and spread around the lagoon to dry (EPA, Preliminary Assessment), and then the sludge was removed and buried in a former onsite landfill. In the 1980s, the former sludge lagoon was excavated with all sludge transferred to the landfill cells located near the former railroad spur (current walking path). The landfill was closed out and capped, then later in 1989 the four landfill cells were excavated and disposed of offsite, with confirmatory samples taken from the bottom of the four landfill cells. With permission from the VTDEC, the confirmatory soil samples were considered “clean” if they passed a TCLP test for metals of concern. The site is on the CERCLIS list and reported that no further action planned by the EPA. The TCE groundwater contaminant plume is managed by a groundwater interceptor trench at the northern property boundary. TCE-contaminated groundwater is captured by the trench, and the effluent is tested periodically for TCE concentration as a requirement of the discharge permit to the municipal sewer system. Prior to installation of the groundwater interception trench TCE groundwater contamination migrated*

*offsite onto the property to the north, now owned by Paquin Motors. During construction of the Paquin Motors building, soils were excavated for construction purposes, Heindel & Noyes, Inc. attributed TCE contamination in the excavated soils to the Energizer property. Soils were eventually approved by VTDEC for thinspreading at the Paquin Motors site. The extent of the chromium and nickel contaminated groundwater has been defined and is monitored on a regular basis and findings reported to the VTDEC. TCE concentrations in upstream surface water of the Gerbode Creek have decreased, but TCE concentrations do not exceed regulatory water standards before exiting the Energizer property.”*

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### **3.0 USER PROVIDED INFORMATION**

A User Questionnaire and AAI checklist was forwarded to Mr. Patrick Malone of Malone Properties as the prospective purchaser and user of this report. The information requested in the User Questionnaire is intended to assist in gathering evidence to identify RECs at the Site. 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**

Mr. Malone is not aware of any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state, or local law.

#### **3.2. Activity and Use Limitations**

Mr. Malone is not aware of any limited Activity and Use Limitation (AUL) implemented at the Site.

#### **3.3. Specialized Knowledge**

According to the AAI User Questionnaire provided to Weston & Sampson, Mr. Malone is not aware of any additional specialized knowledge or experience concerning the Site that would assist an environmental professional in identifying conditions indicative of a hazardous release or threatened release.

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

The information provided in this Phase I ESA represents what is considered commonly known or reasonably ascertainable information. It is assumed that, to the best of their ability, the property owner and their representatives communicated all available information regarding the Site via the aforementioned questionnaires and verbal correspondence; it was expressed that the extent of their knowledge of past and present environmental conditions at the Site is based on the aforementioned environmental investigation reports prepared by various environmental professionals.

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

No property valuation reduction related to other environmental issues or concerns at the Site was reported by Mr. Malone.

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

Mr. Malone reported that based on his knowledge and experience of the Site, he was unaware of any obvious indicators that point to the presence or likely presence of contamination at the Site.

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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 C**, which also defines database acronyms that are not explicitly defined in this discussion.

The database report identified 12 “orphan sites.” Orphan sites are those sites that could not be accurately mapped or geocoded due to inadequate location information. One of the sites was listed as the Site under Union Carbide-Eveready Battery and was listed as being on the VT UST database. 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 Site. 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 Site, 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 Site was listed on 19 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>Site 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	<b>Yes</b>	<b>0</b>
RCRA CORRACTS (1 mile)	1.0 mile	<b>Yes</b>	<b>0</b>
RCRA TSD (0.5 mile)	0.5 mile	<b>Yes</b>	<b>0</b>
RCRA Gen. (0.25)	0.25 mile	<b>Yes</b>	<b>4</b>
NPL/Delisted NPL (1 mile)	1.0 mile	No	<b>0</b>
<b>State and Tribal Federal Records</b>			
Equivalent NPL/CERCLIS Sites	1.0 mile	No	<b>5</b>
Spill Sites	0.5 mile	<b>Yes</b>	<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>3</b>
Registered Storage Tank Sites	0.25 mile	No	<b>3</b>

<b>SUMMARY OF EDR'S FEDERAL/STATE REGULATORY DATABASE SEARCH FINDINGS</b>			
<b>Regulatory Database</b>	<b>Approximate Minimum Search Distance</b>	<b>Site Listed</b>	<b>Off-Site Listings Within Search Distance</b>
Engineering & Institutional Control Registries	0.5 mile	No	0
Voluntary Cleanup Sites	0.5	Yes	0
Brownfields Sites	0.5	Yes	0

<b>SUMMARY OF EDR'S ADDITIONAL ENVIRONMENTAL RECORDS SEARCH FINDINGS</b>			
<b>Regulatory Database</b>	<b>Approximate Minimum Search Distance</b>	<b>Site Listed</b>	<b>Off-Site Listings Within Search Distance</b>
Local Brownfields Lists	0.5 mile	No	0
Records of Emergency Release Reports	1.0 mile	No	0
RCRA Non-Generator NLR	0.25 mile	No	3
RGA LUST	0.5 mile	No	0
RGA HWS	1.0 mile	No	0
VT, NH, NJ, NY, PA manifests	0.25 mile	Yes	7
Manufactured Gas Plants (EDR MGP)	1.0 mile	No	0
Historical Auto Stations	0.25 mile	No	6
Historical Cleaners	0.25 mile	No	0
Recovered Government Archive State Hazardous Waste Facilities List	1.0 mile	Yes	0
Recovered Government Archive Leaking Underground Storage Tank	0.5 mile	No	0

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

<b>EDR Listed Properties of Concern</b>			
<b>Site</b>	<b>Distance / Direction / Gradient*</b>	<b>Site ID</b>	<b>Database Listing</b>
75 Swanton Road	(Site)	SMS# 20073648	CERCLIS NFRAP, RCRA CORRACTS, RCRA TSD, RCRA GEN, VT AST, VT, NY, NJ, RI Manifests, TRIS, ERNS, US AIRS, VT SPILLS, VT TIER 2, FINDS
Franklin Lamoille Bank - 361 Swanton Road	0.20 Miles/NW/ Downgradient	SMS# 962066	VTSHWS, VT LUST
CV Railway, Inc. – 2 Federal St.	0.80 Miles/SW/ Downgradient	SMS# 770126 and 20124257	VTSHWS/VT Brownfield
Former Fonda Container Co. – 21 Lower Newton Street	0.83 Miles/SW/ Downgradient	SMS# 20083777	VT SHWS

EDR Listed Properties of Concern			
Site	Distance / Direction / Gradient*	Site ID	Database Listing
St. Albans Elementary School – 29 Bellows St.	0.94 Miles/SW/ Downgradient	SMS# 20012885	VT SHWS
Clarence Brown Aldis Street Bulk Plant – 8 Aldis St.	0.99 Miles/SW/ Downgradient	SMS# 20073739	VT SHWS

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

With the exception of the Site, Weston & Sampson is of the opinion that the properties identified in the summary tables above, and further detailed in the EDR report included as **Appendix C**, are not likely to pose a threat to the subsurface conditions of the Site based upon the following factors:

- Each site is located in a downgradient direction from the Site,
- With the exception of the Franklin Lamoille Bank, the regulatory status of the above sites is documented as closed (SMAC designation) by the VTDEC,
- The characteristics of the contaminants present limit the ability for migration of contamination to the Site,
- The distance of each property from the Site, and the fact that the geologic and hydrogeologic setting of the area between the Site and the above sites of concern are not conducive to contaminant migration.

Several other offsite properties in the vicinity of the Site were also identified in the state and federal database review as RCRA Generators and/or as Hazardous Waste Manifest Sites. No evidence was found that suggests that a release has occurred at these locations. Based on their status, Weston & Sampson is of the opinion that these sites do not represent an REC.

#### 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 12 orphan site listings. With the exception of the Site being identified as a orphan site, none of the other 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 C** 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 Site depends on the distance of the source from the Site, its direction and elevation from the Site relative to the flow of groundwater (presumed to flow toward the northwest), the magnitude of the release, contaminant type, regulatory status and location. In general, off-site releases with sources that are proximate to, and hydraulically up gradient of the Site have the potential to impact the Site.

Several other offsite properties in the vicinity of the Site were identified through the WM-ID database. Details related to properties greater than 1,000 feet from the Site were reviewed and the level of residual contamination present were so low that these sites were not likely to pose a risk to the Site. Details related to additional sites identified by the WM-ID database within 1,000 feet of and having the potential to impact the Site NOT listed in the EDR database are included below:

**Dowling Family Trust Property (SMS#2003-3141) – 138 Swanton Road** – This property is a closed VT hazardous site and is located approximately 200 feet west and downgradient from Site. Residual petroleum contamination related to a former 1,000-gallon heating oil UST was encountered during a 2003 site investigation. Low levels of petroleum contaminated soils were documented and no petroleum compounds were detected in groundwater samples. The VTDEC Sites Management Section (SMS) concluded that there is no significant threat to human health or the environment resulting from any residual contamination which may be present at this property and the site received a Sites Management Activities Complete (SMAC) designation in 2003.

**St. Albans Colonial Mart (SMS# 972270 and #870061) – 119 Swanton Road** – This property is an active VT hazardous site and is located approximately 550 feet north-northwest and downgradient from Site. Groundwater at this property was monitored following a 1989 petroleum leak and the site (#870061) was closed by the VTDEC in 1990. The property was again listed as a site (#972270) in 1997 following the removal of 5 USTs. Petroleum contaminated soils were encountered during the UST removal with no impact to sensitive receptors noted. The limited groundwater contamination is currently in a natural attenuation monitoring program managed by the VTDEC.

**Mobil North (SMS# 982374) – Rte 7/Swanton Road** – This property is a closed VT hazardous site and is located approximately 990 feet north-northwest and downgradient from the Site. Petroleum contamination was encountered during the removal of 3 gasoline USTs in 1998. Long term groundwater monitoring continued at the site from 1998 to 2009 and the groundwater plume was documented to decrease in size. The site received a SMAC designation from the VTDEC in April of 2010.

Based on a review of the records available through the VTDEC WM-ID database, none of the nearby listed sites detailed above are likely to pose an environmental threat to the Site based upon the one or more of the following factors: The current regulatory status of the site (SMAC designation), the characteristics of the contaminants present, and the distance and down-gradient location of each property from the Site.

#### 4.1.4. Tier I Vapor Encroachment Screening Summary

Vapor Intrusion has been documented at the Site and a Vapor Encroach Condition (VEC) is known to exist at the Site based on the Site history, documented release of contaminants at the property, and the results of the previous environmental investigations at the Site. Additionally, Environmental Resources Management (ERM) prepared a Vapor Intrusion Investigation Report dated June 10, 2014 to evaluate the potential for vapor intrusion in the Main building at the Facility. The investigation was performed as part of ERM's Field Sampling Plan. An excerpt from the conclusions of the preliminary vapor intrusion investigation as detailed in the June 10, 2014 report is included below. A copy of the report narrative including figures and tables is located in **Appendix I**.

*"Indoor air analytical results indicated the presence of TCE in the four indoor air samples (IA-1 through IA-4) at concentrations above the Vermont Indoor Air Screening Value of 0.2 micrograms per cubic meter. TCE was also detected in the outdoor ambient air sample (OAA-1) at a concentration of 0.11 micrograms per cubic meter. Sub-slab soil gas analytical results indicated the presence of TCE in the four sub-slab soil gas samples (SS-1 through SS-4) at concentrations above the Vermont Shallow Soil Gas Screening Values."*

An ongoing Site monitoring plan has been approved by The VTDEC and ongoing vapor intrusion investigation and site specific risk assessment are underway but were not completed at the time of the development of this report.

The potential for offsite VE was also reviewed as part of this assessment. In 2010, ASTM International issued its revised Standard E2600-10 entitled "Standard Guide for Vapor Encroachment 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 Site (i.e. the Site) creating a 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 Site caused by the release of vapors from contaminated soil or groundwater on or near the Site. An area of concern (AOC) as defined in the E2600-10 is measured 0.33-miles from the Site for known or suspect contaminated sites with volatile organic compounds (VOCs) or semi-VOCs; 0.1-mile from the Site for known or suspect petroleum hydrocarbon releases. The identification of AOCs may be reduced if the groundwater flow direction is known relative to the Site. 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 Site 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 Site. 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 Site. As part of the screening, Weston & Sampson utilized the web based EDR VEC application and reviewed the Questionnaire that can be found in Section X3 of ASTM E 2600-10.



Results of the offsite VEC screening indicate that an offsite VEC is unlikely to exist at the Site based on the history of the five identified sites located within the AOC, including the documented release of contaminants at each property, the fact that each of the site is located downgradient from the Site and that the level of residual contamination associated with each property is so low that it is unlikely to pose a risk to the Site.

## **4.2. Municipal Records**

Weston & Sampson conducted research and interviews with specific municipal officials that may have insight on the potential use, storage, or release of hazardous materials or USTs at the Site of adjoining properties. Pertinent information obtained from the Town and City of St. Albans personnel is discussed below.

### 4.2.1. St. Albans Town Offices

Weston & Sampson did not conduct interviews at the St. Albans Town Offices but did review town records information as part of the May 2014 *Phase I ESA* prepared by ECS. Records that were obtained in support of the property description and history are included in Section 4.2.4 of the above referenced report which is included as **Appendix H**.

### 4.2.2. St. Albans Volunteer Fire Department

Weston & Sampson corresponded with Mr. Randy Swann, Assistant Chief of the St. Albans Fire Department via phone. Mr. Swann had no knowledge of USTs at the Site or adjoining properties, and with the exception of one response to a small lithium explosion that occurred over 20 years ago and was contained inside the building, he had no knowledge of hazardous materials storage, releases or incidents at the Site or adjacent properties. Mr. Swann has been with the Fire Department for over 35 years.

### 4.2.3. St. Albans Department of Public Works

Weston & Sampson attempted to contact the St. Albans Public Works department on several occasion to discuss any USTs at the site or any incidents involving the use, storage or release of hazardous materials at the Site or adjoining properties. No response was received from the Department of Public Works; however, we do not believe the lack of response results in a significant data gap regarding determination of potential RECs.

## **4.3. Site and Area History**

### 4.3.1. Site Use and Historical Information

The Historical site use offered below was obtained from various sources including the Transaction Screen Questionnaire completed by the Site owner, previous environmental assessment and investigation reports contained in the VTDEC site file, and from the September 2014 *Historical Site Investigation and Remediation Activities Summary Report* completed by ERM and the May 2014 *Phase I ESA* prepared by ECS.

Prior to the construction of the original office and manufacturing building in 1947 the Site was managed as agricultural land. The Site was originally developed and operated by Union Carbide until it was sold to Eveready Battery Company, Inc. in 1986 and transferred to Energizer Battery Manufacturing, Inc. in 2003. The Site and buildings were originally developed to manufacture and distribute flashlights and did so up until the early 1990's when it began to manufacture lithium batteries. Battery manufacturing continued at the Site up until the summer

of 2013. Site operations were discontinued in September 2013 and all inventory, equipment and materials at the Site were removed from the facility after shutdown.

Hazardous substances that were used in the manufacturing process at the Site included: lithium, hydraulic oils, plastics, dimethoxyethane, dioxalane, iodine salts, iron disulfide, TCE, carbon graphite and lubricating oils. Waste generated from the manufacturing process include spent petroleum based lubricating oils, lithium, and recycled TCE.

Available information from previous environmental investigations at the Site and information provided by ERM indicate that the materials/substances noted above were used during the more recent (>1990) production of lithium batteries at the site, and all wastes since the early 1980's have been managed offsite. The only waste that was deposited on site via lagoon infiltration was metal flashlight plating wastewater (which included traces of TCE). The metals sludge that were deposited onsite in the landfilled cells was excavated under VTDEC approved work plans beginning in the late 1980's.

According to the May 2014 *Phase I ESA* prepared by ECS, the Triangular Lot to the northwest of the manufacturing facility reportedly contained cabins in the 1940s and has been vacant since that time. A combined Phase I/Phase II ESA performed by ECS in 2004 did not find evidence that a gasoline station had been located on the "Triangular Lot," as stated by a neighboring property owner.

#### 4.3.2. Sanborn Maps

The EDR Report lists the Site as an unmapped property and certifies that "the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied property information, and the fire insurance maps covering the property were not found". The Sanborn map report provided by EDR is included as **Appendix D**

#### 4.3.3. 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.

Weston and Sampson reviewed USGS topographical maps dated 1916, 1964, 1972, and 1987 which depict the Site and vicinity. All of the historic topographic maps show a similar topography surrounding the Site along with residential structures in the vicinity of the property. The Site is not depicted on the 1916 map and no structures are depicted in the area surrounding the Site. The large manufacturing building is clearly depicted on each of the succeeding maps. The railroad spur connecting the site to the Central Vermont Rail Line is first depicted in the 1987 map.

#### 4.3.4. Aerial Photographs

Historical aerial photographs may be used to evaluate changes in land use and to identify visible areas of potential environmental concern. Weston and Sampson reviewed the historical aerial photographs dated 1962, 1972, 1981, 1993, 1995, 2006, 2008, 2009, 2011, and 2012. All of the photographs clearly depict the Site and vicinity. The photographs indicate that the Site and is developed for industrial/manufacturing and clearly depict the significant site feature which

appear relatively unchanged from their current configuration. A copy of the historical aerial photo review is included as **Appendix F**. Review of the aerial photographs agree with the findings of Section 4.2.3 of the May 2014 *Phase I ESA* prepared by ECS which are summarized below.

- The photographs from 1972 to the present appear to show the facility roughly to its current development.
- The photograph from 1962 shows only the original rectangular factory building, prior to the construction of various additions. The walking path which is a former railroad spur is visible to the east of the factory in the wooded area along the eastern property boundary.
- An onsite agricultural field to the south of the factory is visible in all photographs.
- Offsite, the construction of a residential subdivision can be seen to the South of the Site starting in the 2006 photograph. Prior to this time it appears that a farm was located to the South of the Site.
- Prior to the development of Franklin Park West in the mid-1990s, properties to the North of the Site also appeared to be agricultural.
- Commercial and residential properties have been located across U.S. Route 7 (Swanton Road) to the West of the Site in all the photographs.
- A northeast-southwest trending railroad line was present at the eastern property boundary in all photographs

#### 4.3.5. 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. EDR provided City Directory listings for the Site for the years 1992, 1999, 2003, 2008, and 2013. Based on review of the EDR report the Site was not included in any of the searches and 75 Swanton was listed as occupant unknown. The only non-residential property with uses that may have the potential to impact the Site included in the 2008 and 2003 directory was the Auto Dr./Roadmaster Auto Sales located at 80 Swanton Road. The EDR City Directory Abstract is included as **Appendix G**.

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## 5.0 SITE ENVIRONMENTAL SETTING

On October 21, 2014, Weston & Sampson personnel performed a visual reconnaissance of the Site. The purpose of the reconnaissance was to observe current Site 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 Site or its surrounding areas. The reconnaissance was performed by walking the property while escorted by the current Site caretaker, Mr. Bob Thorpe.

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

### 5.1. Environmental Setting

#### 5.1.1. Site Setting and Topography

The elevation of the Site is approximately 440 feet above sea level. Local topography at the Site is relatively flat and gently slopes downgradient to the west-northwest toward Lake Champlain. The manufacturing facility takes up a majority of the developed area of the Site along the central and western portions of the property with the remaining areas consisting of grass lawns/fields and/or woody buffer. The undeveloped Triangular Parcel adjoins the Main Parcel to the northwest. The Site Locus Map (**Figure 1**) depicts the Site and surrounding topography as based on the United States Geological Survey (USGS) St. Albans, Vermont quadrangle.

#### 5.1.2. Groundwater Characteristics

According to the information presented in the September 2014 *Historical Site Investigation and Remediation Activities Summary Report* completed by ERM, the depth to groundwater at the Site is approximately 5 to 6 feet below grade and groundwater within the upper levels of the formation flow in a north-northwest direction. Historical monitoring data also suggest that groundwater flow direction and hydraulic gradient have been consistent over time.

#### 5.1.3. Bedrock and Soil Characteristics

Weston & Sampson observed no bedrock outcroppings at the Target Property. 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 Skeels Corners Slate Formation of the Lower Ordovician and Cambrian Period. Bedrock is distinguished by black to gray, graphitic, quartzose phyllite and schist, with tan-weathering layers and pods of gray dolostone and black quartzite.

According to the information reviewed in Section 3.1 of the September 2014 *Historical Site Investigation and Remediation Activities Summary Report* completed by ERM, geologic information presented in the May 1999 Supplemental Site Investigation Report prepared by Marin Environmental Inc., indicates that regional geology consists of glacial till deposits overlying metamorphosed bedrock. Bedrock at the Site is not exposed at the ground surface and has been confirmed at 94 feet below ground surface (bgs) at one location during a previous investigation (Marin, 1999). Overburden deposits at the Site consist of an upper till and a lower till. The upper till is a weathered till, which is generally less than 15 feet thick (Marin, 1999). The

lower till is a clay-rich, unweathered, dense till, which extends from about 15 feet bgs to bedrock (Marin, 1999).

According to the EDR Report, surficial soils at the Site are classified as St. Albans Series by the United States Department of Agriculture's (USDA) Soil Conservation Service (SCS). The channery loam is described as having moderate infiltration rates. Soils are deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

#### 5.1.4. Potential Environmental Receptors

Based on a review of the Vermont ANR Natural Resources Atlas, there are no public or private water supply wells located within 1,000 feet of the Site. The Gerbode Creek, a seasonal stream that flows through the eastern portion of Site has been identified as a sensitive receptor in previous site investigation reports; however, given its intermittent flow it is not utilized for drinking, irrigation or recreational purposes.

Section 3.4.3 of the September 2014 *Historical Site Investigation and Remediation Activities Summary Report* completed by ERM, provides further identification and evaluation of potential environmental receptors. Conclusions of this evaluation are provided in Section 3.4.4 of the report and were combined into three basic categories:

- potential exposures associated with subsurface construction activities,
- potential exposures associated with incidental contact (e.g. ingestion, dermal) with Site surface water; and,
- potential exposures associated with vapors present in indoor air.

## 6.0 SITE RECONNAISSANCE

### 6.1. Site Reconnaissance

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

#### 6.1.1. General Site Observations

The Site is on a parcel of land that has primarily been developed for industrial/manufacturing uses. The southern and far eastern portions of the Site remain largely undeveloped along with the approximately 4.95 acre Triangular Parcel at the northwest corner of the property.

#### 6.1.2. Buildings and Improvements

The main, one story, manufacturing building has no basement and was originally constructed in 1947. The building underwent significant renovations and additions in 1967, 1969 and throughout the early to mid 1970's. The main manufacturing plant is served by municipal water and wastewater systems. Heat for the facility is provided by a natural gas fired steam radiator system with some overhead unit heaters noted throughout the warehouse area. A central air conditioning system in the office area and individual air conditioning units were utilized for cooling. An air circulation system was also utilized in the manufacturing/warehouse areas. The facility formerly utilized fuel oil as an energy source for the hot water boiler system. A number of exterior outbuildings are located mainly just to the east and northeast side of the main manufacturing building.

The outbuildings include a boiler building, former electroplating wastewater treatment facility, fuel oil and gasoline AST storage building with secondary containment, a pump house and water tank building with a smaller pump house building noted toward the northern property boundary, former manufacturing and waste storage building, and an additional materials storage building. No buildings are located on the 4.95 acre triangular parcel at the northwest corner of the property.

The areas of the main office and manufacturing building were generally vacant. The office spaces, employee locker rooms, kitchen areas and bathrooms contained typical equipment for their various uses. The manufacturing, testing and packaging areas were free of all machinery, equipment and supplies. The majority of the concrete floor was painted with an epoxy floor coating. Evidence of where the conveyor equipment bolted to the floor was noted throughout the manufacturing and packaging areas. Overhead electrical and compressed air infrastructure and marks on the floor where machinery formerly stood were observed.

### 6.2. Exterior Observations

During our Site visit, the exterior grounds were walked to observe land use characteristics pertaining to this environmental site assessment. There were conditions that limited the ability to view certain areas of the Site including dense vegetation in excess of 3-4 feet high that was encountered to the south, east and northeast of the manufacturing building. The woody buffer area to the east and southeast of the manufacturing building was not completely viewed during the Site reconnaissance. However, based on a windshield survey of the area and review of observations in previous environmental investigation reports no adverse environmental impacts were noted. An old barbwire fence was noted around the general perimeter of boundary with the exception of the west side of the Site. A taller six foot chain link fence surrounds the general grounds of the main manufacturing building and associated outbuildings. In general, the



exterior grounds appeared to be kept in good condition and no adverse environmental observations were noted.

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

The information discussed below is based on observations conducted during the Site visit on October 21, 2014.

#### **6.3.1. Hazardous Substances and Petroleum Products**

Battery manufacturing continued at the Site up until the summer of 2013. Site operations were discontinued in September 2013 and all inventory, equipment and materials at the Site were removed from the facility after shutdown. Most hazardous substances and petroleum products were removed from the Site prior to the day of the Site reconnaissance. Some miscellaneous property management equipment (deicer) and some pieces of manufacturing equipment in the Dry Room were still present. Diesel fuel in the pump house pump, a small amount of fuel oil in the 200-gallon AST, treatment chemicals in the boiler room, hydraulic oil within any remaining machinery and the hydraulic lift also remain.

Hazardous substances that were formerly used in the manufacturing process at the Site included: lithium, hydraulic oils, plastics, dimethoxyethane, dioxalane, iodine salts, iron disulfide, TCE, carbon graphite and lubricating oils. Waste generated from the manufacturing process include spent petroleum based lubricating oils, lithium, and recycled TCE.

No visual evidence of a release above “de minimis” conditions was observed at the Site. A small amount of fuel oil was present in the 200-gallon AST and some oily rags were noted in the former Hazamat storage area (lubricants). With the exception of small quantities of lubricating products, household cleaning materials, and painting supplies observed inside the Main Manufacturing Building, no other evidence of Oil or Hazardous Materials (OHM) storage was observed.

#### **6.3.2. Underground Storage Tanks (USTs)**

What appears to be an UST vent pipe (see Photo #16 & 17, Appendix A) was observed off of the southwest corner of the historically referenced Building #7 (Waste Disposal). Mr. Thorpe did not know what the pipe was related to or if an UST exists or existed in this location.

No other evidence of USTs such as fill or vent pipes, were observed during the Site reconnaissance. Former USTs were documented under the VTDEC UST File #5242151 and in Section 2.0 of the May 2014 *Phase I ESA* prepared by ECS.

#### **6.3.3. Above Ground Storage Tanks (ASTs)**

One 12,000-gallon fuel oil AST and one 200-gallon diesel fuel AST is located in the fuel containment outbuilding complex located on the eastern side of the manufacturing building. The complex provides secondary containment for tanks and filling process. Mr. Thorpe reported the 12-000 gallon AST was emptied and no longer in use. The fuel gauge in the diesel fuel AST appeared to be malfunctioning and a small amount of fuel oil was suspected to be inside the tank. No other ASTs or evidence of ASTs were observed at the Site.

#### **6.3.4. Odors**

No suspect odors were detected at the Site.

#### 6.3.5. Pools of Liquid

No pools of liquid were identified at the Site.

#### 6.3.6. Unidentified Substance Containers

No unidentified substance containers were observed at the Site.

#### 6.3.7. Polychlorinated Biphenyls (PCBs)

According to information included in Section 7.4 of the May 2014 *Phase I ESA* prepared by ECS All current electrical equipment at the site is non-PCB containing. All former PCB containing equipment had been previously removed from the Site.

Any fluorescent lighting fixtures associated with the buildings, if present, may have ballasts that contain PCBs. Other items that may include PCBs are window caulk and other building materials. Additionally, a hydraulic lift was noted in the warehouse area of the main manufacturing building. According to Mr. Thorpe, the lift has been inoperable for some time. It is possible the hydraulic oil associated with the lift may contain PCBs.

#### 6.3.8. Stains or Corrosion

Minor staining related to lubricating products was observed on the floor surface in the manufacturing areas of the main building. No other stains or corrosion were observed at the Site.

#### 6.3.9. Drains and Sumps

Several floor drains were observed throughout the main manufacturing building. According to the information contained in the May 2014 *Phase I ESA* prepared by ECS, *"With the exception of smaller bathroom drains, floor drains within the facility have all been sealed and closed with concrete as part of early environmental investigations at the site."*

Weston & Sampson did observe a number of floor drains in the office/kitchen areas of the main building that did not appear sealed. No petroleum odors or signs of a release were noticed. No petroleum products or OHM was observed to be stored in the vicinity of the floor drains.

Weston & Sampson observed one large floor drain on the west end of the main flashlight manufacturing space that was still open (see Photo #25, Appendix A). According to Mr. Bob Thorpe, caretaker for the property, the drain is used to dump mop bucket water down and is believed to discharge to the municipal wastewater system.

One boiler related sump was noted in the corner of the Hazmat Storage room (see Photo #9, Appendix A). The sump appeared to capture drain water from the boiler system. No petroleum odors or signs of a release were noticed. No petroleum products or OHM was observed to be stored in the vicinity of the floor sump.

Two 2' deep dry wells were noted in the former Electrolyte Storage Room (see Photo #24, Appendix A) the wells had no outlet pipe, appeared to be dry, and no staining was observed.

One floor drain was also noted in the fuel oil AST secondary containment area and reportedly drains to an oil/water separator and then to the municipal sewer.

Two floor drains were observed in the boiler room (see Photo #14, Appendix A) and reportedly drain to the municipal wastewater system sewer.



Based on a review of available information, no documentation of previous investigations into the condition of any subsurface piping or discharge locations associated with the above mentioned drains/wells was noted.

Additionally, according to the information contained in the May 2014 *Phase I ESA* prepared by ECS, one former dry well location is noted on a map contained in a 2002 Weston report. The dry well was believed to have been located adjacent to the north side of the Main Manufacturing Building. No information/documentation related to its current status is available. The well did not appear to be referenced in other available reports and Weston & Sampson did not view the referenced dry well.

#### 6.3.10. Pits, Ponds, or Lagoons

No pits, ponds or lagoons were observed at the Site. Details related to the former sludge lagoon that was closed out are included in Section 2.0 of the May 2014 *Phase I ESA* prepared by ECS.

#### 6.3.11. Stressed Vegetation

No evidence of stressed vegetation was observed at the Site.

#### 6.3.12. Solid Waste

A small amount of household trash was observed within the main manufacturing building. No other evidence of solid waste was observed at the Site.

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## 7.0 INTERVIEWS

### 7.1. User and Key Site Manager

Weston & Sampson interviewed Mr. Patrick Malone as the user of the Phase I ESA. Mr. Malone completed the User Questionnaire for the interview process. The User Questionnaire is discussed in Section 3.0 and included in **Appendix B**.

The building is currently un-occupied. Weston & Sampson was accompanied by Mr. Bob Thorpe caretaker of the property and Mr. Yves Bradley, the owner's broker, during the Site reconnaissance. Mr. Thorpe and Mr. Bradley provided details related to the building layout, utilities and former operations at the Site. Mr. Thorpe has been involved with the property as an employee off and on for 30 years.

An ASTM Environmental Site Assessment Transaction Screen Questionnaire was provided to the current owner, Energizer Battery Manufacturing, Inc., for review and completion. However, Energizer Battery Manufacturing, Inc. did not respond to attempts to complete the questionnaire.

### 7.2. Government Offices

Weston & Sampson conducted interviews with the following municipal officials:

- Volunteer Fire Department
- Department of Public Works

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

### 7.3. Occupants and Others

Weston & Sampson also interviewed the VTDEC project manager for the Site, Mr. Michael Smith, who provided an opinion on the current status of the environmental impacts documented at the Site. Statements from Mr. Smith are noted below and are based on the current use of the Site remaining the same:

- The environmental impacts associated with operations in the former landfill area, sludge lagoon area, and area of the former USTs have been thoroughly investigated and well characterized and there are no foreseeable plans to require additional investigation at these locations at this time.
- The TCE, chromium, and nickel groundwater contaminant plumes appear to be slowly degrading. Monitoring of these plumes is ongoing and will continue into the foreseeable future.
- The investigation and assessment of Vapor Intrusion risks at the site extends to include building materials (primarily the concrete floor) and is currently being investigated by ERM on behalf of the Site owner. Final results of the investigation are pending and should be available by the end of the 2014.
- Remaining work at the Site includes continued monitoring of the groundwater contaminant plumes, ongoing monitoring of the groundwater interceptor trench treatment system located at the northern property boundary, and further investigation into potential presence of contaminants beneath the building slab.
- Any Site Management Activities Complete (SMAC) designation would be determined by the results of the vapor intrusion investigation and, while none currently exist, the possible requirement of Site activity use limitations.

## 8.0 BUILDING MATERIALS ASSESSMENT

Weston & Sampson did not complete an assessment of the building materials located on the property as it was outside the scope for this Phase I ESA. However, based on the age of the structures on the property, asbestos containing material (ACM), lead paint, and PCB containing material could be present in the building materials located on the Site.

The May 2014 *Phase I ESA* completed by ECS, provides a summary of the review of asbestos management records which were provided by Energizer Battery Manufacturing, Inc. Further details related to the review of ACM records at the Site are included in Section 2.1 of the May 2014 *Phase I ESA* completed by ECS, which is included as **Appendix H**.

## 9.0 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 Site. The documentation of significant data gaps must include information regarding the significance of these data gaps.

Weston & Sampson did not have access to the roof, portions of the attic above the warehouse space on the east side of the main manufacturing building, the former wastewater treatment building, and several confined spaces that were noted throughout the grounds. 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 on the northeast, east, and southern portions of the property and the wooded area on the far eastern portion of the property limited clear viewing of the ground surface of these outlying areas. However, review of historical aerial photographs and descriptions of the Site gleaned from the review of previous environmental investigations did not reveal adverse conditions. It is Weston & Sampson’s opinion that the tall grass, shrub, and wooded 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 Site. This does not represent a significant data gap as the historic sources available clearly indicate continuity of the industrial manufacturing use from the early 1940s to present.

Several data gaps were presented in the May 2014 *Phase I ESA* prepared by ECS and are detailed below. Weston & Sampson reviewed these data gaps and agree that the data gaps presented by ECS in the May 2014 *Phase I ESA* still exist.

- The State of Vermont’s UST file for the site did not include a report of an environmental assessment performed when five USTs were removed in 1986. The condition of the USTs and the presence or absence of contamination to soils or groundwater beneath the USTs was not indicated. Since that time, soils and groundwater in the vicinity of the USTs appear to have been tested for chlorinated solvents and specific metals; ECS did not encounter data indicating that they had been tested for petroleum-related or waste oil-related contaminants of concern. This is considered a significant data gap.
- There was no available record of USTs present at the site prior to the generation of USTs that were removed in 1986. These USTs removed in 1986 were reportedly installed in the 1970s, but the plant had been in operation since 1947. Petroleum storage and status of tanks prior to the early 1970s is unknown. The status of one fuel oil tank shown in a 1979 site plan is unknown. A 1982 SPCC plan references three fuel oil tanks at the southeast corner of the parking lot, forty feet from the boiler building, which may correspond to this fuel oil tank shown in the 1979 site plan. This is considered a significant data gap.
- Plant operations and hazardous waste disposal between 1947 and the 1970s appears to be largely undocumented. Environmental investigations at the property commenced in the mid to late 1970s. This is considered a significant data gap as the environmental

practices are unknown for this roughly 30 year period. This is not uncommon to have a lack of environmental records during this time period as environmental regulations were not yet firmly established in the United States.

- Files documenting the removal of all PCB-containing transformers and equipment were not available. However, disposal documentation of Westinghouse capacitors from the St. Albans plant was provided to ECS and Energizer employees Bill Baker and Tom Houser stated that former site owner Union Carbide had an internal program for changing out PCB-containing oils, and that all PCB containing equipment had been removed from the property. Mr. Baker nor Mr. Houser were not aware of any PCB oil leakage from the equipment on the property. Because there was no formal PCB removal documentation report or a PCB environmental testing report, this is considered to be a data gap.
- A former dry well is depicted on a site plan in a 2002 draft site inspection report prepared by Weston, but was not observed in other maps of the site (see Figure 2 for approximate location). The status of this former dry well is unknown, which is considered to be a significant data gap. There are three monitoring wells within approximately 50 feet of the former dry well. These wells include ME-14-14 (abandoned), ME-14-22-5, and ME-15-13. These wells are no longer sampled. ME-15-13 was first sampled in November 2001 and last sampled in November 2012. No TCE has been detected, only low concentrations of cis 1,2-DCE (15-22 ppb) have been detected. ME-14-22.5 was only sampled in February 2000 and no chlorinated VOCs were detected. ME-14-14 was first sampled in February 2000 and last sampled in October 2003, and no chlorinated VOCs were detected. The lack of chlorinated VOCs detected in groundwater within 50 feet of the dry well is not sufficient information to demonstrate that the dry well is no longer present and might contain oil and or hazardous materials (e.g., sludge, residue) that could require regulatory action, if discovered. Current regulatory practices require proper closure of dry wells, which typically includes analytical testing of its contents, and possible removal/closure of the dry well.
- Mr. Baker believed that plant manufacturing materials such as metal, ash, and flashlight parts were burned or buried onsite at one time to the east of the plant, but was unsure whether this specific area was ever environmentally investigated, as it may not have been in the same location as the sludge landfill cells which were excavated. This is considered to be a significant data gap. According to Mr. Houser who was present during excavation of the sludge landfill cells, the area where burning of such materials took place was identified during the excavation of the sludge landfill cells, and this burn area was separate and distinct from the sludge cells. This area was set in a wooded location somewhat east of the sludge cells, and was identified during the excavation of test pits.
- Though plant floor drains have been sealed according to former Energizer employee Mr. Bill Baker, the integrity of their piping and discharge locations are unknown, which is considered to be a significant data gap. Video inspection of subsurface piping and/or subslab sampling along piping runs and/or discharge points .is generally required to evaluate if release of chemicals have occurred through discharge to floor drains.
- Though former wastewater holding tanks have been reportedly cleaned and closed with concrete, an environmental investigation report for this activity was not available, which is considered to be a data gap.

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 Site.

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## 10.0 SUMMARY OF FINDINGS

Weston & Sampson was contracted on behalf of Mr. Patrick Malone to perform a Phase I Environmental Site Assessment (ESA) of the former MWT property located at 75 Swanton Road (the Site) in the Town of St. Albans, 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 Site has been continuously used for industrial manufacturing purposes since its original development in the 1940's. The onsite buildings are owned by and operated as Energizer Battery Manufacturing, Inc.
- The Site consists of a main manufacturing building and several outbuildings located on the western side of the property with mainly open lawn, fields, or wooded land surrounding the plant. The small "triangular lot on the northwest corner the Site is vacant.
- The facility at the Site has produced flashlights, flashlight components, and batteries. It has operated as Union Carbide, Eveready, and Energizer. Environmental impacts to soil and groundwater have included releases of chlorinated volatile organic compounds (CVOCs), mainly trichloroethene (TCE), as well as metals chromium, and nickel.
- The Site is on the CERCLIS list and reported that no further action planned by the EPA.
- The Site is actively managed by the VTDEC as a State Hazardous Site (SMS Site #770077). The nature, source, degree, and extent of contamination and possible pathways for contaminant migration have been defined.
- On and off-Site TCE groundwater contamination is slowly degrading, no longer migrating and is monitored on a biennial and annual basis. The extent of the chromium and nickel contaminated groundwater is monitored on a regular basis and findings reported to the VTDEC. The contaminant plumes have been defined and appear stable and declining.
- Relevant sensitive receptors have been identified and the risk to human health and the environment has been qualitatively evaluated.
- Energizer has completed extensive remediation and mitigation activities at the Site, including removal of impacted soil from the former plating room, former sludge dewatering lagoon, and former sludge disposal landfill. These remediation activities were reviewed and approved by the VTDEC.
- Remediation of the trichloroethylene (TCE) groundwater contaminant plume continues to be managed by a groundwater interceptor trench at the northern property boundary which is preventing further migration of CVOC-impacted groundwater offsite.
- A Site monitoring plan has been approved by the VTDEC and a vapor intrusion investigation is ongoing.
- Several off-Site contaminated properties in the vicinity of the Site have been identified in state and federal database review. Based on a review of the available information, none

of the nearby listed properties are likely to pose an environmental threat to the Site.

- Due to the age of the structures at the Site there is the potential for the presence of lead-based paint, asbestos containing building materials and molds. These building materials and concerns were not tested during this phase of work.



## 11.0 OPINIONS AND CONCLUSIONS

Weston & Sampson has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E1527-13 of the property located at 75 Swanton Road in St. Albans, VT (Site). Any exceptions to, or deletions from, this practice are described in Section 13 of this report. This assessment has revealed no evidence of Recognized Environmental Conditions (RECs) in connection with the Site except for the following:

- 1.) The prolonged use and exposure to several hazardous substances at the Site including petroleum related VOCs, TCE, chromium, nickel, PCBs, PAHs and lithium culminate into a significant REC. The nature, source, degree, and extent of contamination and possible pathways for contaminant migration have been defined through previous investigative and remedial efforts. However, the potential for vapor intrusion, contamination of building materials, and possible presence of contaminants beneath the building slab continue to pose a material threat to future uses and redevelopment at the Site.

Furthermore, as described above, Weston & Sampson views the entire Site as a REC. However, specific REC's associated with the past uses at the Site were further identified in the May 2014 *Phase I ESA* completed by ECS (Section 9.0) and are provided below. The areas detailed below represent the minimum areas/locations of the Site that may require additional investigation prior to development. Weston & Sampson agrees with the evaluation of these areas as presented in the May 2014 *Phase I ESA* completed by ECS and we feel these areas, in addition to any new areas of development, should be investigated in conjunction with any future development at the Site.

- 1.) *The potential for vapor intrusion to indoor air exists, due to the concentrations of TCE in groundwater beneath the building.*
- 2.) *A former railroad spur served the property. Typical contaminants of concern from railroad tracks, include PAHs and herbicides. Additionally, the stopping of trains at the end of a railroad spur at the plant could represent the threat of a release of heavy oils from trains.*
- 3.) *The plating room excavation in 1992 was performed to cleanup goals of 100 ppm total chromium and 300 ppm total nickel, which were approved by the VTDEC. Confirmatory samples were collected at a depth of six feet. Though these cleanup goals are consistent with current EPA regional RSLs for industrial soils for total metals, the confirmatory soil samples were not analyzed for hexavalent chromium, which currently has an industrial soil EPA RSL of 5.6 ppm.*
- 4.) *The onsite landfill cells were closed out with confirmatory samples collected for TCLP analysis of metals of concern in 1989 in accordance with the VTDEC criteria at that time and, prior to the establishment of EPA soil guidance values for industrial sites. Confirmatory samples and testing criteria were approved by VTDEC at the time of the work, and no further action has been required. The landfill area was closed out under older criteria; confirmatory samples from the base of the landfill excavation may not meet current criteria and do not appear to have been sampled for hexavalent chromium, which has an industrial RSL of 5.6 ppm. The network of soil borings and groundwater monitoring wells do not appear to fully encompass this former landfill area, particularly the landfill cells furthest to the east. According to Mr. Houser of Energizer, monitoring well locations at that time were approved by the*

VTDEC and assumed to be sufficient for characterizing the former landfill area. The VTDEC only required that monitoring wells be installed downgradient of the former landfill, with groundwater flow direction having been determined by prior well monitoring.

- 5.) *The sludge lagoon was closed out in 1980 and all sludge was reportedly excavated and relocated to the onsite landfill, which was sufficient to satisfy VTDEC requirements at that time. However, from the available reports it does not appear that any confirmatory soil sampling and testing was performed at the base of this lagoon excavation. Additionally, the EPA Preliminary Assessment report form stated “waste spread around lagoon in some instances”. Additionally, the CPMP stated that “some of the sludge was reportedly spread around the edges of the lagoon (using a manure spreader provided by a local farmer) in order to speed drying. ECS was not able to locate documentation that the shallow soils onto which the lagoon waste was spread had been environmentally tested or if this area had been excavated. Groundwater sampling was required from nearby groundwater monitoring wells and is still monitored under the existing annual groundwater monitoring program. The lagoon does not appear to have been closed out under current regulatory standards; however, at the time of its closure the work was performed under the direction of the VTDEC and as per VTDEC requirements in 1980. According to Mr. Houser, the horizontal limits of the sludge lagoon were documented at the time of the excavation, and that documentation was subsequently used as a basis for soil and groundwater testing in the vicinity and downgradient of the sludge lagoon.*
- 6.) *Though groundwater and soil have been regularly sampled for TCE and other chlorinated VOCs, chromium, and nickel, the threat exists of a historic release of other chemicals utilized historically in the plant, such as petroleum-related VOCs, various oils, PCBs, lithium and other metals, and PAHs and heavy metals from potential coal ash in the “coal yard” area. According to Mr. Houser of Energizer, Energizer has addressed and/or is currently addressing all known releases.*
- 7.) *There have been reported releases of TCE within the plant, either to the plant floor, discharged as vapors by ceiling fans, or releases to the St. Albans municipal sewer system. Building materials such as floors, piping, and ceiling fans may be contaminated by TCE and other manufacturing chemicals.*
- 8.) *Known groundwater and soil TCE contamination exists onsite, and groundwater is captured by an interception trench at the property boundary. Groundwater quality and the effluent from the trench are regularly monitored. Though contamination migrated offsite via groundwater transport prior to the installation of the interception trench, the extent of soil and groundwater TCE contamination has been reasonably defined and is controlled by the monitoring and trench.*
- 9.) *Known groundwater total chromium, hexavalent chromium, and nickel contamination exists onsite. The extent of groundwater contamination has been adequately defined as documented by the VTDEC’s acceptance of long term groundwater monitoring.*

The following items do not qualify as RECs but are considered Business Environmental Risks (BERs) outside the scope of the Phase I ESA and may be of interest to the user:

- 1.) Based on the age of the structures on the property, asbestos containing building material, lead paint, and PCB containing material could be present in the building materials located on the Site. This may be of importance to any prospective purchasers as this requires special management during any physical renovation of these areas. Based on the planned use of the building and pending any renovations, a formal lead paint and/or asbestos inspection may be of interest to the owner, but does not constitute a REC at this time.
- 2.) A number of fluorescent light tubes were noted as being used in lighting fixtures throughout the building. According to the EPA, management and disposal by businesses of fluorescent light bulbs and other mercury-containing bulbs are regulated under the RCRA Universal Waste Rule (UWR) and Subtitle C hazardous waste regulations. Proper disposal of any spent bulbs is recommended.

## 12.0 RECOMMENDATIONS

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

- 1.) Given the extensive and long term hazardous chemical and materials use and documented releases at the Site, Weston & Sampson recommends that future development of the Site should be done with caution and consultation with an environmental professional. The potential environmental impacts, liability, and management of future uses should be investigated and evaluated in concert with any future development plans at the Site.
- 2.) The out of service 12,000 gallon fuel oil AST should be formally decommissioned and removed from the Site.
- 3.) The unsealed floor drains located in the Main 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 should occur.
- 5.) All requirements of the VTDEC Sites Management Section regarding the Site should continue to be met. Sampling and reporting of conditions related to the property, grounds, and buildings should continue to be completed.

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### 13.0 LIMITATIONS

This report was prepared exclusively for Mr. Patrick Malone/Malone Properties. 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 Site, or neighboring properties that could directly impact the Site 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 Site 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.

#### 14.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

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


Prepared by:



James A. Rose  
Project Scientist &  
Environmental Professional

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

Reviewed by:



Steven LaRosa  
Project Manager &  
Environmental Professional

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## 15.0 REFERENCES

ASTM.2000, E 1527-13. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Environmental Data Resources, Inc., The EDR Radius Map, Inquiry Number 4110369.2s, dated October 20, 2014.

Ratcliffe, N.M., Stanley, R.S, Gale, M.H., Thompson, P.J., and Walsh, G.J., 2011, Bedrock Geologic Map of Vermont: U.S. Geological Survey Scientific Investigations Map 3184, 3 sheets, scale 1:100,000.

Environmental Compliance Services, Inc. (ECS) Phase I ESA, Energizer Battery Manufacturing, Inc. 75 Swanton Road, St. Albans, VT (May 2014)

Environmental Resources Management, Inc. (ERM) Vapor Intrusion Investigation Report – Former Energizer Battery Manufacturing Facility (June 10, 2014)

Environmental Resources Management, Inc. (ERM) Historical Site Investigation and Remediation Activities Summary Report – Energizer Battery Manufacturing Facility (September 2014)

VT Agency of Natural Resources, Natural Resources Atlas October 2014.

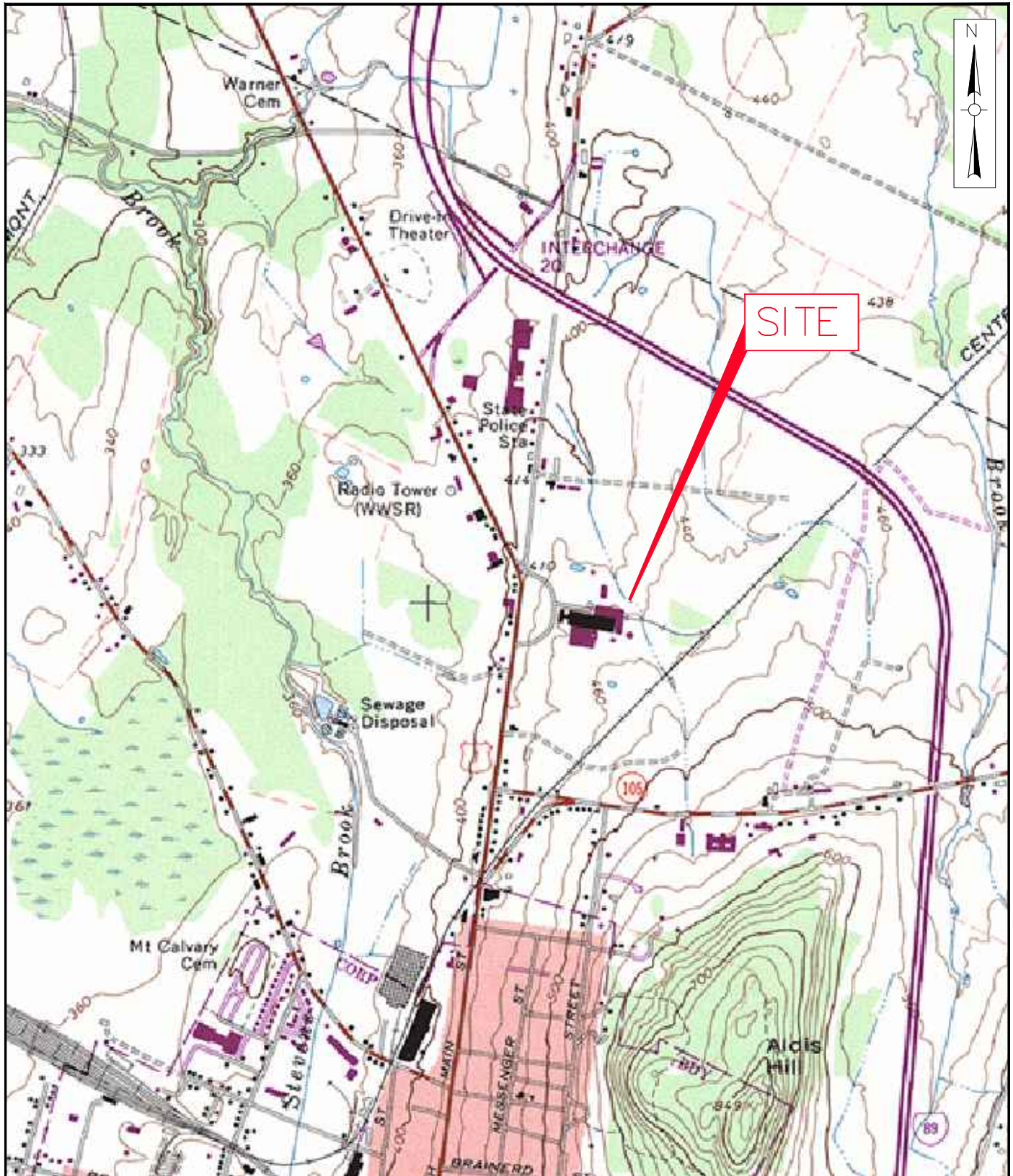
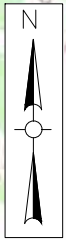
VTDEC project manager and Site File for additional information regarding previous investigations and contaminants documented at the Site:

Michael Smith  
Vermont Department of Environmental Conservation  
Waste Management Division  
[michael.b.smith@state.vt.us](mailto:michael.b.smith@state.vt.us)  
802-249-5826

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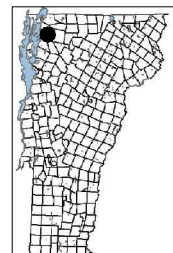
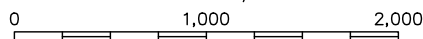
# FIGURES



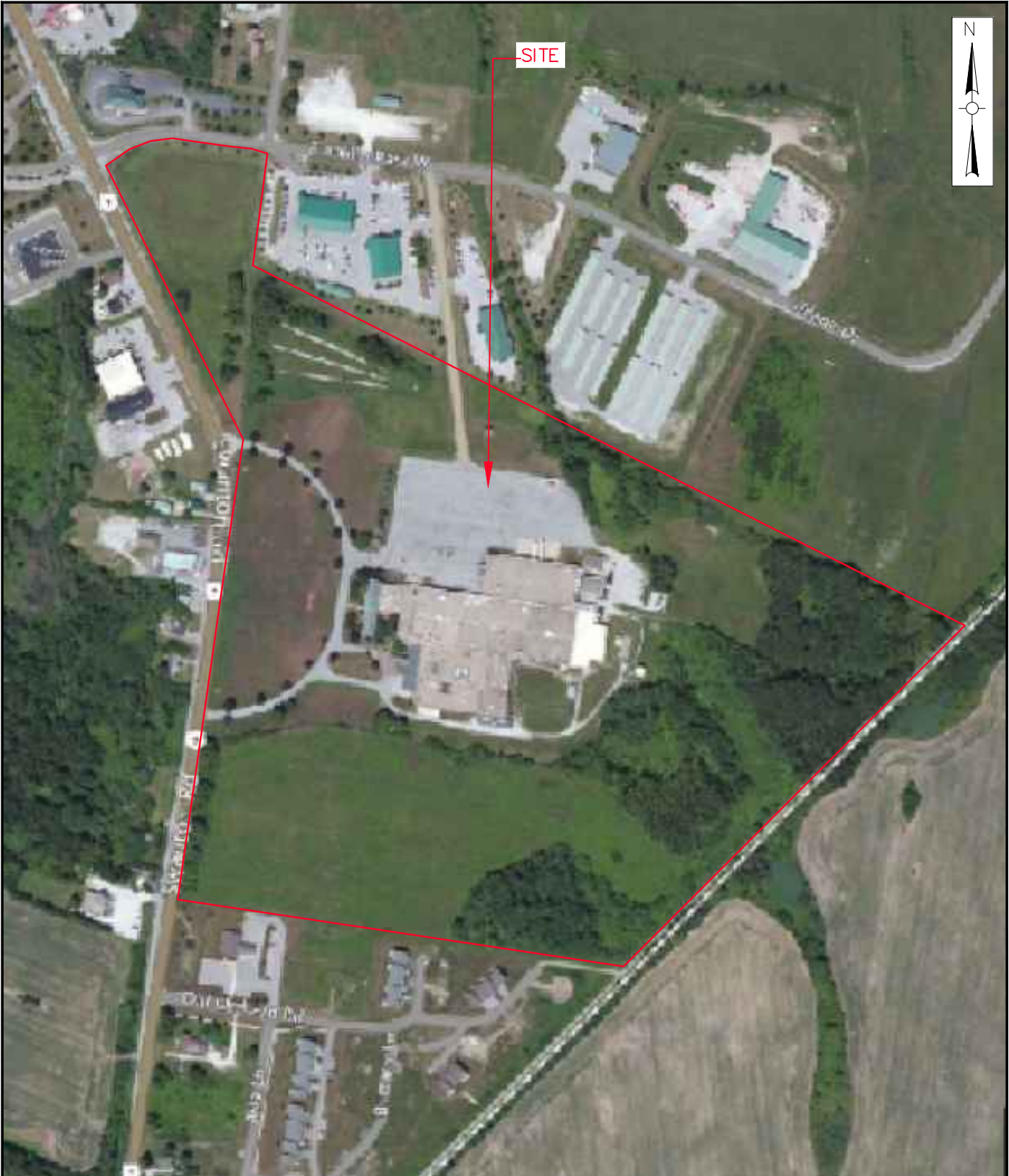
DATA SOURCES:

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

FIGURE 1  
SITE LOCUS MAP  
75 SWANTON ROAD  
ST. ALBANS, VERMONT  
SCALE: 1"=1,000'



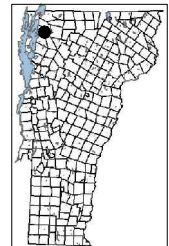


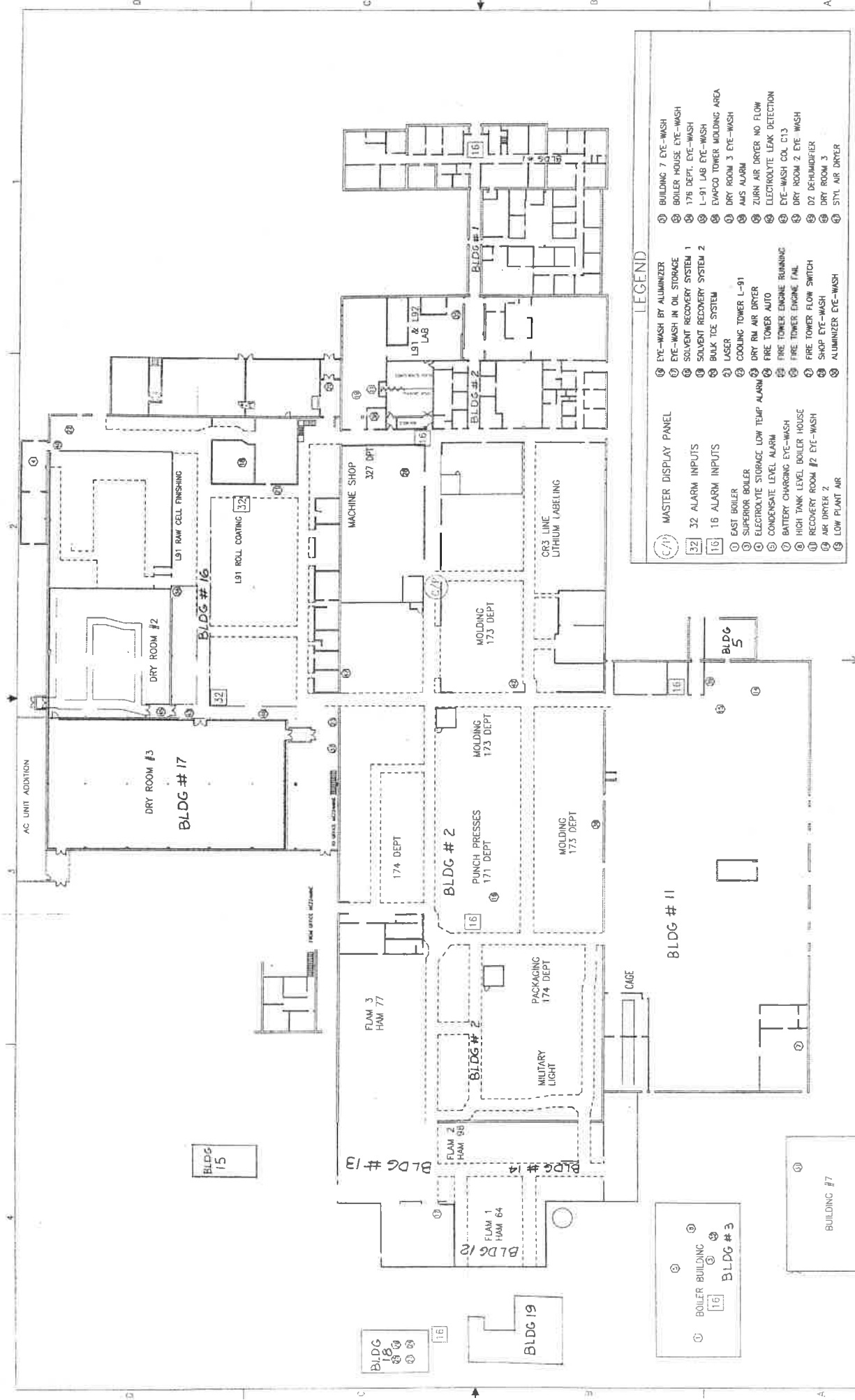


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DATA SOURCES:  
Printed from Vermont Natural  
Resource Atlas October 30, 2014.  
(Site boundary approximate)

FIGURE 2  
AERIAL MAP  
75 SWANTON ROAD  
ST. ALBANS, VERMONT  
SCALE: 1" = 200'





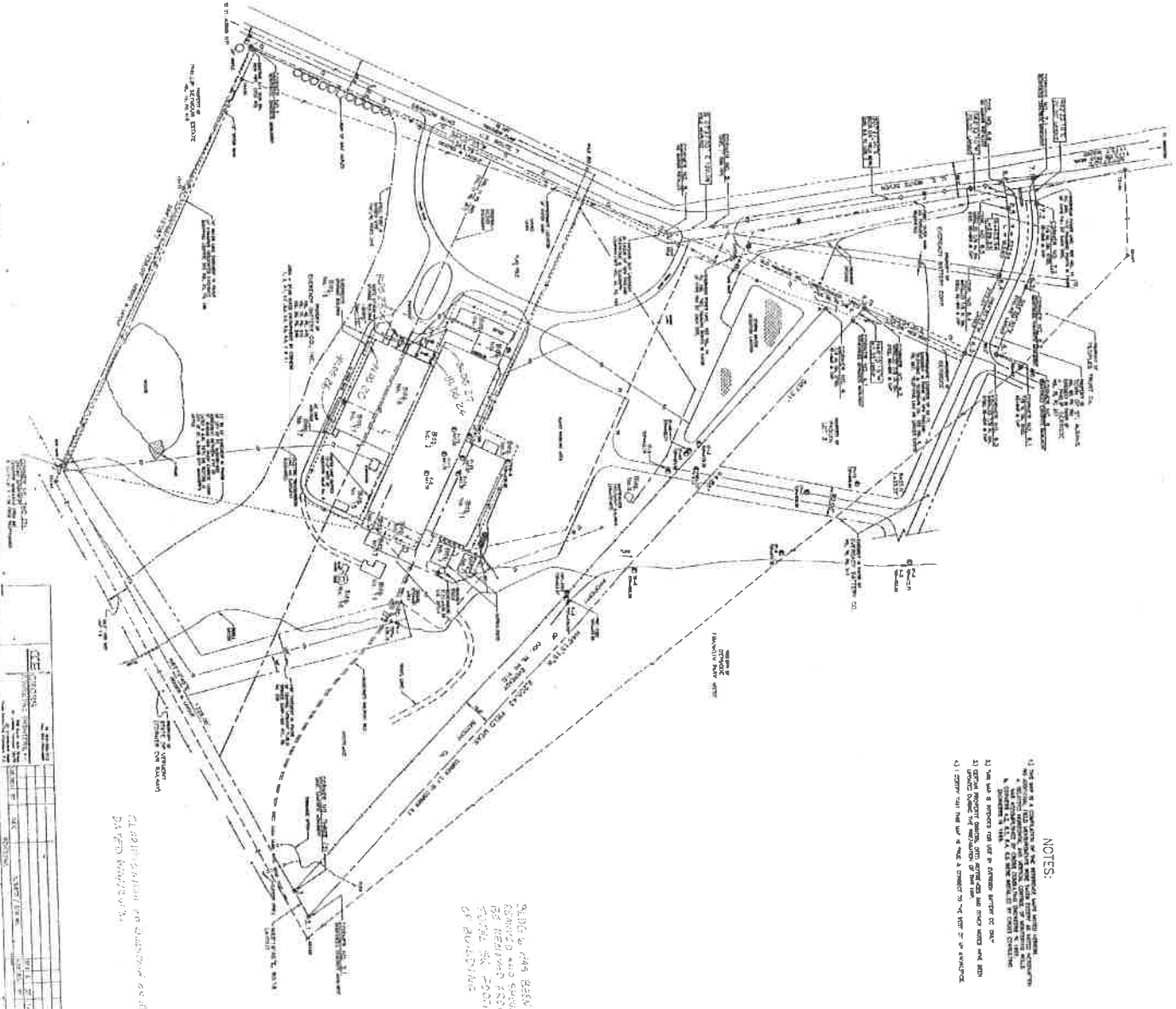
- ### LEGEND
- ① MASTER DISPLAY PANEL
  - ② 32 ALARM INPUTS
  - ③ 16 ALARM INPUTS
  - ④ EAST BOILER
  - ⑤ SUPERIOR BOILER
  - ⑥ ELECTROLYTE STORAGE LOW TEMP ALARM
  - ⑦ BATTERY CHARGING EYE-WASH
  - ⑧ HIGH TANK LEVEL BOILER HOUSE
  - ⑨ RECOVERY ROOM #2 EYE-WASH
  - ⑩ AIR DRYER #2
  - ⑪ LOW PLANT AIR
  - ⑫ EYE-WASH BY ALUMINIZER
  - ⑬ EYE-WASH IN OIL STORAGE
  - ⑭ SOLVENT RECOVERY SYSTEM 1
  - ⑮ SOLVENT RECOVERY SYSTEM 2
  - ⑯ BULK TIE SYSTEM
  - ⑰ LASER
  - ⑱ COOLING TOWER L-91
  - ⑲ DRY RM AIR DRYER
  - ⑳ FIRE TOWER AUTO
  - ㉑ CONDENSATE LEVEL ALARM
  - ㉒ FIRE TOWER ENGINE RUNNING
  - ㉓ BATTERY CHARGING EYE-WASH
  - ㉔ HIGH TANK LEVEL BOILER HOUSE
  - ㉕ RECOVERY ROOM #2 EYE-WASH
  - ㉖ AIR DRYER #2
  - ㉗ LOW PLANT AIR
  - ㉘ BUILDING 7 EYE-WASH
  - ㉙ BOILER HOUSE EYE-WASH
  - ㉚ 178 DEPT. EYE-WASH
  - ㉛ L-91 LAB EYE-WASH
  - ㉜ VAPCO TOWER MOLDING AREA
  - ㉝ DRY ROOM 3 EYE-WASH
  - ㉞ AMS ALARM
  - ㉟ ZURN AIR DRYER NO. FLOW
  - ⓫ ELECTROLYTE LEAK DETECTION
  - ⓬ EYE-WASH COOL D13
  - ⓭ DRY ROOM 2 EYE-WASH
  - ⓮ D2 DEHUMIDIFIER
  - ⓯ DRY ROOM 3
  - ⓰ STYL AIR DRYER

REVISED		DATE	REVISIONS

1. ALL WORKS SHOWN TO BE ACCOMPLISHED BY THE CONTRACTOR.  
 2. ALL DIMENSIONS ARE AS SHOWN UNLESS OTHERWISE NOTED.  
 3. SEE DRAWING FOR NOTES.  
 4. SEE DRAWING FOR NOTES.  
 5. SEE DRAWING FOR NOTES.

PREPARED BY: [Signature] DATE: [Date]	CHECKED BY: [Signature] DATE: [Date]	PROJECT NO.: [Project No.] SHEET NO.: [Sheet No.] TOTAL SHEETS: [Total Sheets]
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PLANT LAYOUT OF  
 BUILDING LOCATIONS  
 SHEET 1 OF 1  
 PD 36A-2/B



- NOTES:**
- 1) This plan is a continuation of the previous work under contract.
  - 2) The plan shows the proposed building layout, parking areas, and utility lines.
  - 3) The plan is intended for use in connection with the development of a site plan.
  - 4) Consult with the engineer for any questions or clarifications.

PLAN OF SITE FOR BUILDING AND DRIVEWAY AT 1234 56th Street

DATE: 12-15-55  
 DRAWN BY: J. J. ...  
 CHECKED BY: ...

**LEGEND**

- Existing Building
- Proposed Building
- Existing Driveway
- Proposed Driveway
- Existing Parking
- Proposed Parking
- Existing Road
- Proposed Road
- Existing Utility
- Proposed Utility
- Existing Fence
- Proposed Fence



BUILDINGS		TOTAL	
NO.	DESCRIPTION	SQ. FT.	CUB. FT.
1	EXISTING BUILDING	1,200	3,600
2	PROPOSED BUILDING	2,800	8,400
3	EXISTING DRIVEWAY	500	1,500
4	PROPOSED DRIVEWAY	1,500	4,500
5	EXISTING PARKING	100	300
6	PROPOSED PARKING	200	600
7	EXISTING ROAD	50	150
8	PROPOSED ROAD	100	300
9	EXISTING UTILITY	20	60
10	PROPOSED UTILITY	40	120
11	EXISTING FENCE	10	30
12	PROPOSED FENCE	20	60
<b>TOTAL</b>		<b>7,800</b>	<b>23,400</b>

**REFERENCE MAPS**

SECTION 16, T. 121 N., R. 10 E., S. 22 W., M. 3

- 1) The plan is a continuation of the previous work under contract.
- 2) The plan shows the proposed building layout, parking areas, and utility lines.
- 3) The plan is intended for use in connection with the development of a site plan.
- 4) Consult with the engineer for any questions or clarifications.
- 5) The plan is intended for use in connection with the development of a site plan.
- 6) Consult with the engineer for any questions or clarifications.
- 7) The plan is intended for use in connection with the development of a site plan.
- 8) Consult with the engineer for any questions or clarifications.
- 9) The plan is intended for use in connection with the development of a site plan.
- 10) Consult with the engineer for any questions or clarifications.

**PROJ. DATA**

PROJECT NO.	DATE
CLIENT	SCALE
DESCRIPTION	SHEET NO.
DESIGNER	TOTAL SHEETS
CHECKED BY	DATE
APPROVED BY	

# APPENDIX A

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
75 SWANTON ROAD  
ST. ALBANS, VERMONT**



Photo #1 Typical office space within office building.



Photo #2 Typical common lab space within office and storage building.



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #3 View of former storage space and lithium battery testing lab



Photo #4 View of interior of cleaning closet and household cleaners.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #5 View of attic space above offices used for flashlight and file storage/some building utilities.



Photo #6 View of main flashlight manufacturing space in building #2.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
75 SWANTON ROAD  
ST. ALBANS, VERMONT**

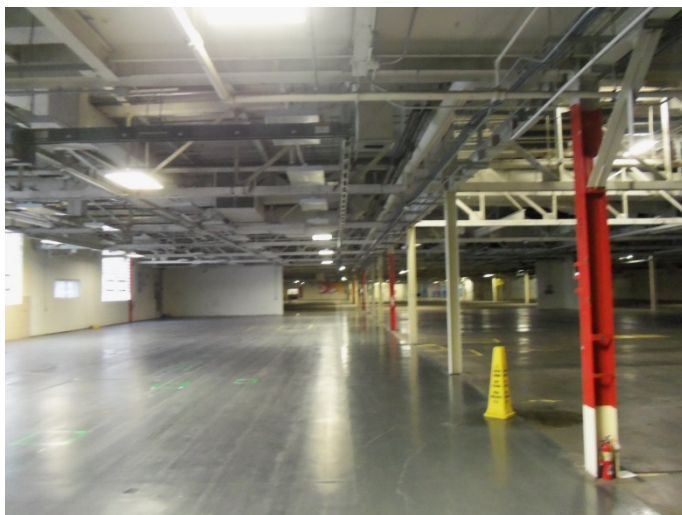


Photo #7 View of flashlight manufacturing and injection molding space in building #2.

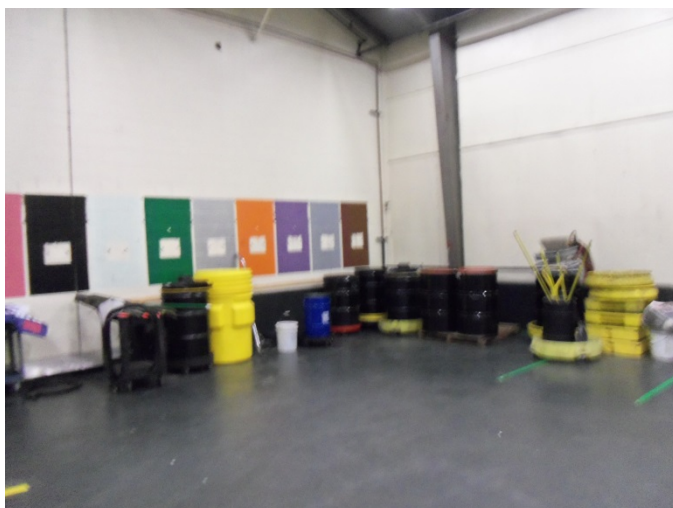


Photo #8 View of former Hazmat storage area manufacturing building.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #9 View of sump within hazmat storage area.

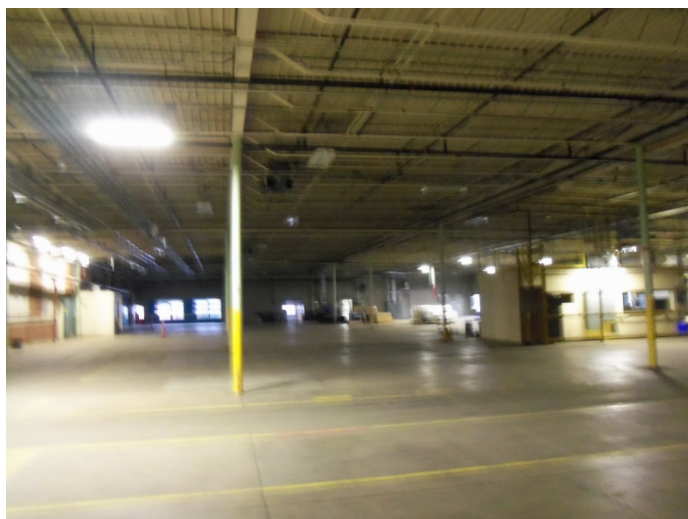


Photo #10 View of flashlight packaging and stamping area.



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #11 View of forklift repair area within warehouse building. Note hydraulic lift.



Photo #12 View of water treatment chemical feed system inside boiler building.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #13 View of water treatment chemical feed system inside boiler building.



Photo #14 View of floor drain inside boiler building.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #15 View of smoke stack and piping along exterior of boiler building.



Photo #16 View of potential vent pipe on exterior of former waste disposal building (building #7) – View to north.



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
75 SWANTON ROAD  
ST. ALBANS, VERMONT**



Photo #17 View of potential vent pipe on exterior of former waste disposal building (building #7) – View to south.



Photo #18 View of exterior of boiler building and main manufacturing building – View to south.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #19 Interior of warehouse and former space (note deicing chemicals).



Photo #20 View of Interior of dry room/lithium battery manufacturing.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
75 SWANTON ROAD  
ST. ALBANS, VERMONT**

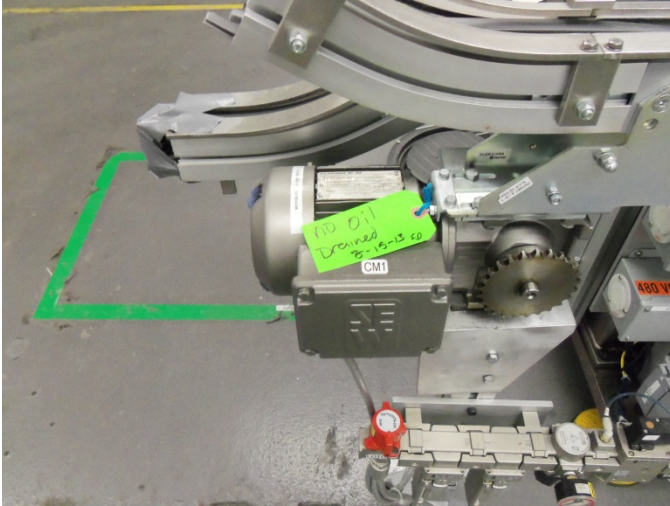


Photo #21 View of lithium battery manufacturing /assembly equipment inside dry room/lithium battery manufacturing.



Photo #22 View of interior of climate control infrastructure space adjacent to dry room.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #23 View of former bulk TCE storage room.



Photo #24 View of former electrolyte storage room and raw material distribution system (note dry wells).



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #25 View of floor drain within main flashlight manufacturing building.



Photo #26 View of former solvent storage building – View to east.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #27 View of interior of former solvent storage building.



Photo #28 View of exterior of south east side of main manufacturing building and former sprinkler system storage tank and pump house – View to northeast.

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
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ST. ALBANS, VERMONT**



Photo #29 View fuel oil AST inside fuel containment complex on east side of Site.



Photo #30 View of parking area and exterior of north side of facility – View to east.



# APPENDIX B

## AAI – USER QUESTIONNAIRE

### FOR

Eveready – 75 Swanton Road – St. Albans, 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

Initials: fm

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).**

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
- 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

If yes, please describe.

Initials: P.M.

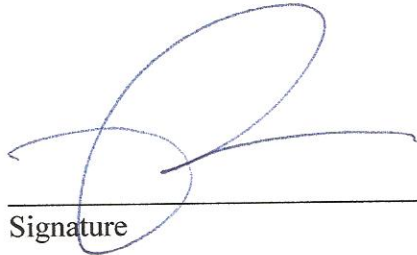
**5. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).**

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.

11/11/14  
Date

  
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.

Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
	Yes	No	Unk	Yes	No	Unk	Yes	No	
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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
9a. Is there currently any stained soil on the property?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input 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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

**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 JIM ROSE  
Title Project Scientist  
Firm Watan & Sampson  
Address 98 S. Main St.  
Waterbury, VT  
Phone Number 802-244-5051  
Date 10-21-14  
Role (s) at the site N/A  
Number of years at the site -  
Relationship to use (e.g. principal, employee, agent, consultant) 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 \_\_\_\_\_

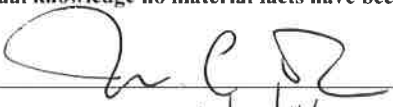
Copies of the completed questionnaires have been filed at:

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

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: 10/21/14  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

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# APPENDIX C

**Eveready Facility**

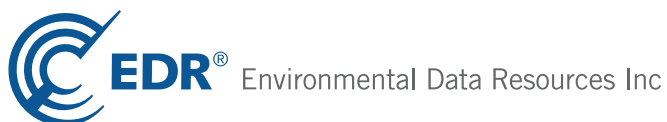
75 Swanton Road

Saint Albans, VT 05478

Inquiry Number: 4110369.2s

October 20, 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.

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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

75 SWANTON ROAD  
SAINT ALBANS, VT 05478

#### COORDINATES

Latitude (North): 44.8329000 - 44° 49' 58.44"  
Longitude (West): 73.0761000 - 73° 4' 33.96"  
Universal Transverse Mercator: Zone 18  
UTM X (Meters): 652077.5  
UTM Y (Meters): 4965971.5  
Elevation: 442 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 44073-G1 SAINT ALBANS, VT  
Most Recent Revision: 1987

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120711, 20120713  
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>
ENERGIZER BATTERY MANUFACTURING I 75 SWANTON ROAD SAINT ALBANS, VT 05478	FINDS	N/A
75 SWANTON RD. 75 SWANTON RD. ST. ALBANS, VT 05478	ERNS	N/A
ENERGIZER BATTERY MANUFACTURING, 75 SWANTON ROAD ST. ALBANS, VT 05478	RCRA-TSDF CERC-NFRAP CORRACTS RCRA-LQG NJ MANIFEST RI MANIFEST	VTD002065654

## EXECUTIVE SUMMARY

ENERGIZER BATTERY MANUFACTURING I 75 SWANTON ROAD ST. ALBANS, VT 05478	VT MANIFEST VT SPILLS Date Closed: 12/02/2004  VT AIRS VT TIER 2	N/A
ENERGIZER BATTERY MFG. 75 SWANTON ROAD SAINT ALBANS, VT 05478	NY MANIFEST US AIRS	N/A
ENERGIZER BATTERY MANUFACTURING I 75 SWANTON ROAD ST. ALBANS, VT	VT AST	N/A
ENERGIZER BATTERY MANUFACTURING I 75 SWANTON ROAD ST. ALBANS, VT 05478	VT TIER 2	N/A
ENERGIZER BATTERY MANUFACTURING I 75 SWANTON RD SAINT ALBANS, VT 05478	TRIS	05478VRDYB75SWA
EVEREADY BATTERY CO 75 S WANTON RD ST ALBANS, VT 05478	NY MANIFEST	N/A
ENERGIZER BATTERY MANUFACTURING I 75 SWANTON ROAD ST. ALBANS, VT 05478	VT TIER 2	N/A

**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

## EXECUTIVE SUMMARY

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

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

### ***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***

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

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

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

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

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

ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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

US CDL..... Clandestine Drug Labs



## EXECUTIVE SUMMARY

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  
VT SPILLS 80..... SPILLS 80 data from FirstSearch  
VT SPILLS 90..... SPILLS 90 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  
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  
INDIAN RESERV..... Indian Reservations  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
VT Financial Assurance..... Financial Assurance Information Listing  
PCB TRANSFORMER..... PCB Transformer Registration Database  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
LEAD SMELTERS..... Lead Smelter Sites  
PRP..... Potentially Responsible Parties  
US FIN ASSUR..... Financial Assurance Information  
COAL ASH DOE..... Steam-Electric Plant Operation Data

### **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 HWS..... Recovered Government Archive State Hazardous Waste Facilities List  
 VT RGA LF..... Recovered Government Archive Solid 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 are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KINNEY DRUGS 18	164 SWANTON RD	NW 0 - 1/8 (0.009 mi.)	D16	239
<b><i>PAQUIN MOTORS INC</i></b>	<b><i>4 FRANKLIN PK WEST</i></b>	<b><i>NNW 0 - 1/8 (0.025 mi.)</i></b>	<b><i>E19</i></b>	<b><i>242</i></b>
<b><i>CHAMPLAIN OIL CO ST ALBANS COL</i></b>	<b><i>119 SWANTON RD</i></b>	<b><i>NW 0 - 1/8 (0.027 mi.)</i></b>	<b><i>D23</i></b>	<b><i>251</i></b>
<b><i>R L VALLEE MAPLEFIELDS NORTH</i></b>	<b><i>366 SWANTON RD</i></b>	<b><i>NW 1/8 - 1/4 (0.246 mi.)</i></b>	<b><i>H32</i></b>	<b><i>287</i></b>

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

VT SHWS: The State Hazardous Waste Sites 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. The data come from the Department of Environmental Conservation's Vermont Hazardous Waste Sites List.

A review of the VT SHWS list, as provided by EDR, and dated 05/28/2014 has revealed that there are 5 VT SHWS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>FRANKLIN LAMOILLE BANK- HIGHGA</i></b>	<b><i>361 SWANTON RD</i></b>	<b><i>NW 1/8 - 1/4 (0.203 mi.)</i></b>	<b><i>G28</i></b>	<b><i>264</i></b>
<b><i>CV RAILWAY INC</i></b>	<b><i>2 FEDERAL ST.</i></b>	<b><i>SSW 1/2 - 1 (0.804 mi.)</i></b>	<b><i>34</i></b>	<b><i>291</i></b>
<b><i>FORMER FONDA CONTAINER COMPANY</i></b>	<b><i>15-21 LOWER NEWTON STRE</i></b>	<b><i>SSW 1/2 - 1 (0.832 mi.)</i></b>	<b><i>35</i></b>	<b><i>292</i></b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>ST ALBANS ELEMENTARY SCHOOL</i>	<i>29 BELLOWS ST</i>	<i>SW 1/2 - 1 (0.948 mi.)</i>	<i>36</i>	<i>293</i>
<i>CLARENCE BROWN ALDIS STREET BU</i>	<i>8 ALDIS STREET</i>	<i>SSW 1/2 - 1 (0.994 mi.)</i>	<i>37</i>	<i>294</i>

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

VT LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Conservation's Vermont Hazardous Waste Sites List.

A review of the VT LUST list, as provided by EDR, and dated 05/28/2014 has revealed that there are 3 VT LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DOWLING FAMILY TRUST	138 SWANTON RD	NW 0 - 1/8 (0.004 mi.)	C13	236
ST ALBANS COLONIAL MART	119 SWANTON RD	SW 0 - 1/8 (0.054 mi.)	F25	263
<i>FRANKLIN LAMOILLE BANK- HIGHGA</i>	<i>361 SWANTON RD</i>	<i>NW 1/8 - 1/4 (0.203 mi.)</i>	<i>G28</i>	<i>264</i>

### ***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 3 VT UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ST. ALBANS COLONIAL MART SUNOC	119 SWANTON ROAD	NW 0 - 1/8 (0.027 mi.)	D21	246
FRANKLIN LAMOILLE BANK	361 SWANTON ROAD	NW 1/8 - 1/4 (0.203 mi.)	G27	263
MAPLEFIELDS NORTH	366 SWANTON ROAD	NW 1/8 - 1/4 (0.246 mi.)	H31	283

## **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 are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>ARMANDS AUTO SALES</i>	<i>122 SWANTON RD</i>	<i>WNW 0 - 1/8 (0.003 mi.)</i>	<i>B11</i>	<i>233</i>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ADVANCE AUTO PARTS #6399 <b>PAQUIN BURT FORD INC</b>	138 SWANTON RD UNIT 2 <b>2 FRANKLIN PK WEST</b>	NW 0 - 1/8 (0.004 mi.) <b>NNW 0 - 1/8 (0.012 mi.)</b>	C14 <b>E17</b>	236 <b>240</b>

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 are 4 VT MANIFEST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KINNEY DRUGS 18 <b>PAQUIN MOTORS INC</b>	164 SWANTON RD <b>4 FRANKLIN PK WEST</b>	NW 0 - 1/8 (0.009 mi.) <b>NNW 0 - 1/8 (0.025 mi.)</b>	D15 <b>E19</b>	238 <b>242</b>
<b>CHAMPLAIN OIL CO ST ALBANS COL</b>	<b>119 SWANTON RD</b>	<b>NW 0 - 1/8 (0.027 mi.)</b>	<b>D23</b>	<b>251</b>
<b>MAPLEFIELDS NORTH</b>	<b>366 SWANTON RD</b>	<b>NW 1/8 - 1/4 (0.246 mi.)</b>	<b>H30</b>	<b>265</b>

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 03/27/2014 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
R L VALLEE MAPLEFIELDS NORTH	366 SWANTON ROAD	NW 1/8 - 1/4 (0.246 mi.)	H33	290

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>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHAMPLAIN OIL CO	119 SWANTON RD	NW 0 - 1/8 (0.027 mi.)	D22	250

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 03/27/2014 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CHAMPLAIN OIL CO ST ALBANS COL</b>	<b>119 SWANTON RD</b>	<b>NW 0 - 1/8 (0.027 mi.)</b>	<b>D23</b>	<b>251</b>

### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

## EXECUTIVE SUMMARY

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 are 6 EDR US Hist Auto Stat 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>
Not reported	468 SHELDON RD	SSE 1/8 - 1/4 (0.210 mi.)	29	265
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	122 SWANTON RD	WNW 0 - 1/8 (0.003 mi.)	B12	235
Not reported	2 FRANKLIN PARK W	NNW 0 - 1/8 (0.012 mi.)	E18	242
Not reported	4 FRANKLIN PARK W	NNW 0 - 1/8 (0.025 mi.)	E20	245
Not reported	80 SWANTON RD	SW 0 - 1/8 (0.048 mi.)	F24	262
Not reported	299 SWANTON RD	NW 1/8 - 1/4 (0.184 mi.)	G26	263

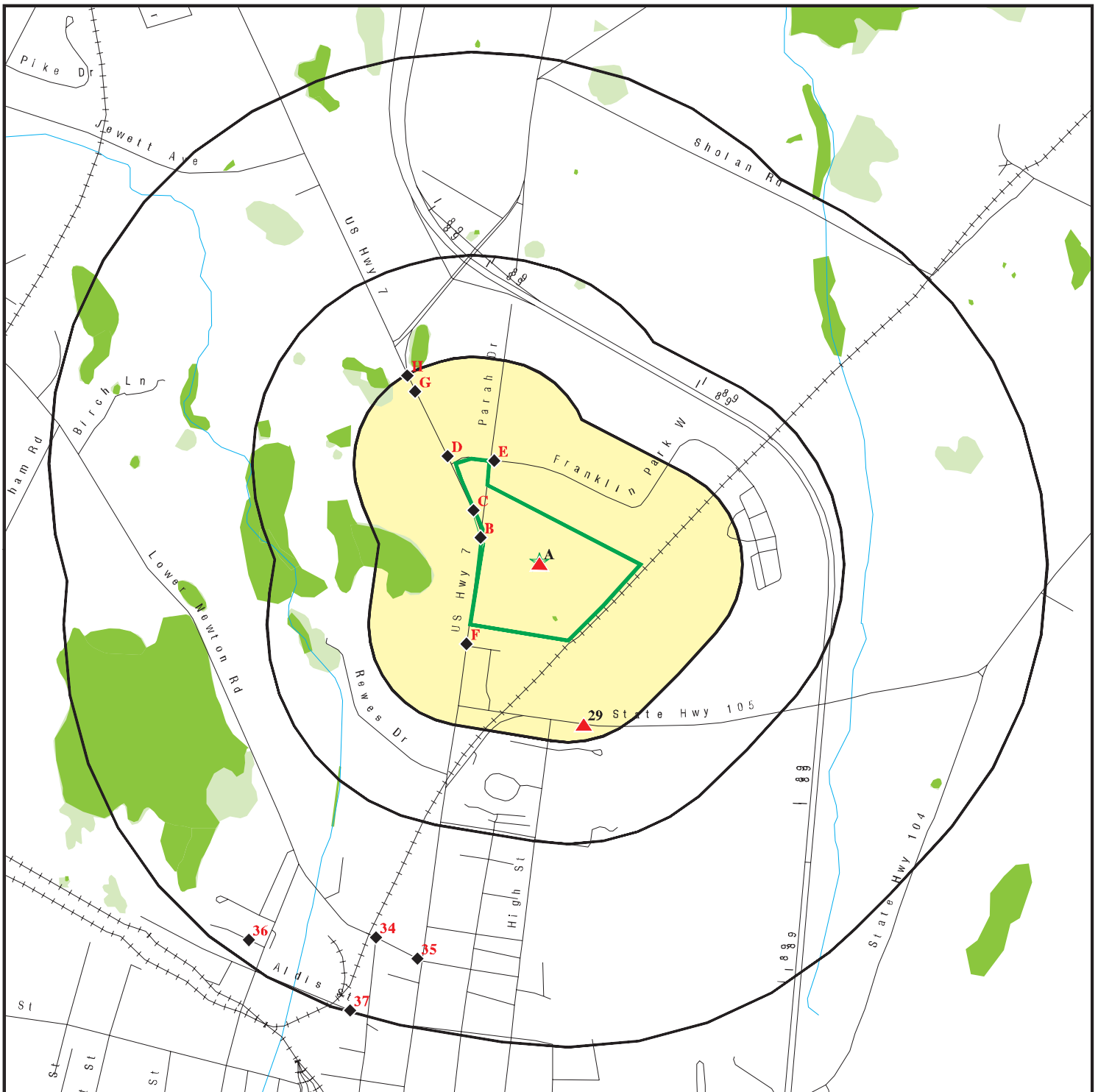
## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 12 records.

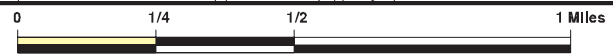
<u>Site Name</u>	<u>Database(s)</u>
GEORGIA ELEMENTARY SCHOOL	VT UST
THE CENTER MARKET	VT UST
UNION CARBIDE-EVERREADY BATTERY DI	VT UST
SENESAC LAWN & GARDEN	RCRA NonGen / NLR
ROADMASTER AUTO SALES	RCRA NonGen / NLR
AUTO TOWN USA	RCRA NonGen / NLR
WIMBLE DAVE GENERAL REPAIR	RCRA-CESQG
SENESAC AUTO	RCRA-CESQG
REGAL ART PRESS INC	RCRA-CESQG, VT MANIFEST
ST ALBANS CITY OF WWTP	RCRA-CESQG
RAYS EXTRUSION	NY MANIFEST
NORTHWEST CORRECTIONAL FACILITY	VT TIER 2



# OVERVIEW MAP - 4110369.2S



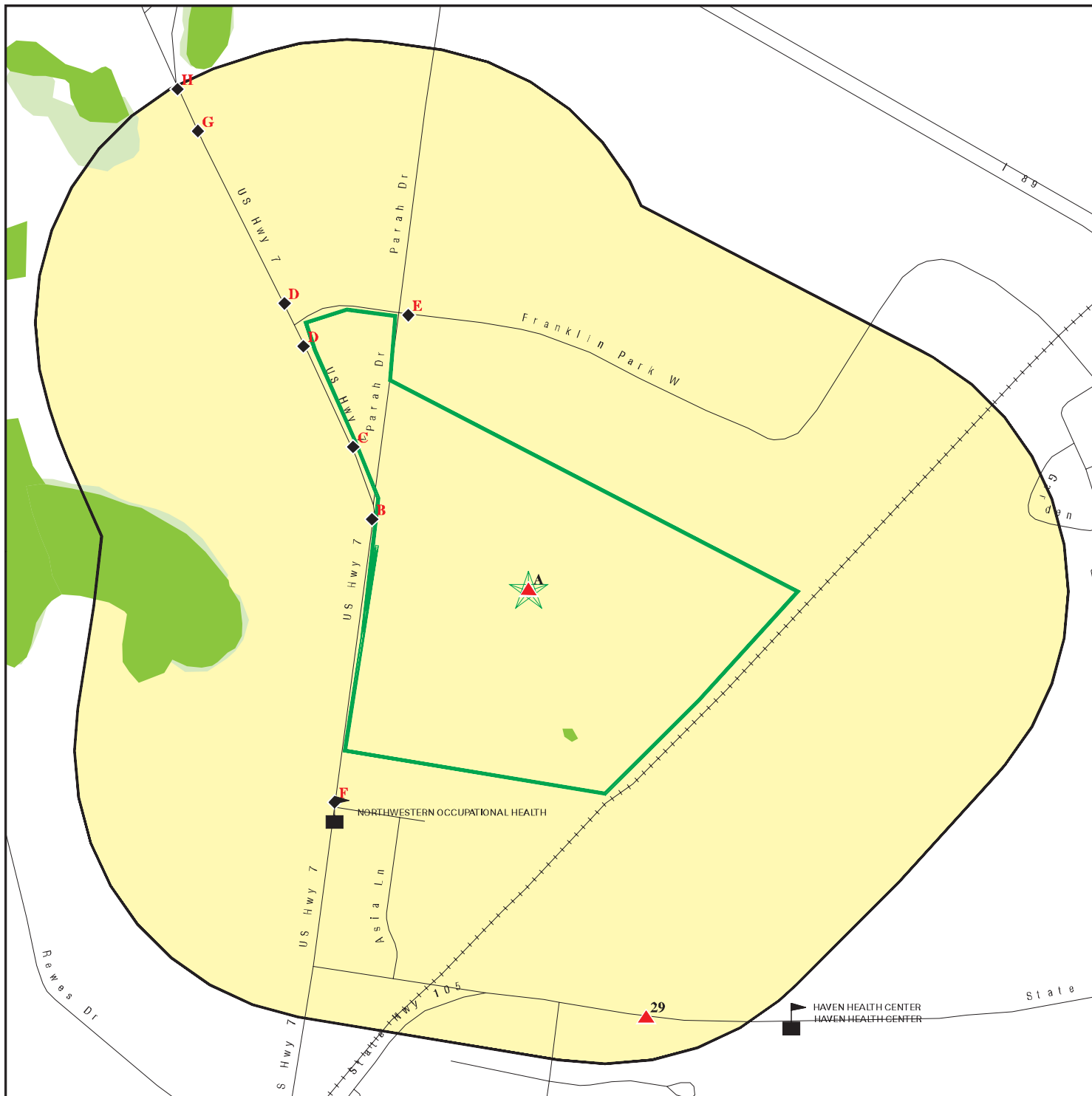
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Oil & Gas pipelines from USGS
-  National Wetland 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.

<p><b>SITE NAME:</b> Eveready Facility  <b>ADDRESS:</b> 75 Swanton Road                  Saint Albans VT 05478  <b>LAT/LONG:</b> 44.8329 / 73.0761</p>	<p><b>CLIENT:</b> Weston &amp; Sampson Engineers, Inc  <b>CONTACT:</b> Jim Rose  <b>INQUIRY #:</b> 4110369.2s  <b>DATE:</b> October 20, 2014 5:06 pm</p>
--	--

# DETAIL MAP - 4110369.2S



-  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: Eveready Facility  
 ADDRESS: 75 Swanton Road  
 Saint Albans VT 05478  
 LAT/LONG: 44.8329 / 73.0761

CLIENT: Weston & Sampson Engineers, Inc  
 CONTACT: Jim Rose  
 INQUIRY #: 4110369.2s  
 DATE: October 20, 2014 5:07 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	1	0	0	0	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000	1	0	0	0	0	NR	1
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500	1	0	0	0	NR	NR	1
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250	1	0	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		3	1	NR	NR	NR	4
<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	1	NR	NR	NR	NR	NR	1
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
VT SHWS	1.000		0	1	0	4	NR	5
<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		2	1	0	NR	NR	3
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		1	2	NR	NR	NR	3

## 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	1	0	0	NR	NR	NR	1
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>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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	1	NR	NR	NR	NR	NR	1
VT SPILLS 80	TP		NR	NR	NR	NR	NR	0
VT SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		3	0	NR	NR	NR	3
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	1	NR	NR	NR	NR	NR	1

## 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	1	3	1	NR	NR	NR	5
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NY MANIFEST	0.250	2	1	0	NR	NR	NR	3
RI MANIFEST	0.250	1	0	0	NR	NR	NR	1
NJ MANIFEST	0.250	1	1	0	NR	NR	NR	2
VT DRYCLEANERS	0.250		0	0	NR	NR	NR	0
VT NPDES	TP		NR	NR	NR	NR	NR	0
VT AIRS	TP	1	NR	NR	NR	NR	NR	1
VT TIER 2	TP	3	NR	NR	NR	NR	NR	3
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
US AIRS	TP	1	NR	NR	NR	NR	NR	1
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	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		4	2	NR	NR	NR	6
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 HWS	TP		NR	NR	NR	NR	NR	0
VT RGA LF	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  
Target  
Property

**ENERGIZER BATTERY MANUFACTURING INC**  
**75 SWANTON ROAD**  
**SAINT ALBANS, VT 05478**

**FINDS 1016127396**  
**N/A**

**Site 1 of 10 in cluster A**

**Actual:**  
**442 ft.**

FINDS:

Registry ID: 110000314874

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A2**  
**Target** 75 SWANTON RD.  
**Property** ST. ALBANS, VT 05478

**ERNS** 2004743011  
N/A

Site 2 of 10 in cluster A

**Actual:** 442 ft. [Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

**A3**  
**Target** 75 SWANTON ROAD  
**Property** ST. ALBANS, VT 05478

**RCRA-TSDF** 1015737148  
**CERC-NFRAP** VTD002065654  
**CORRACTS**  
**RCRA-LQG**  
**NJ MANIFEST**  
**RI MANIFEST**

Site 3 of 10 in cluster A

**Actual:** 442 ft.

**RCRA-TSDF:**  
Date form received by agency: 03/25/2014  
Facility name: ENERGIZER BATTERY MANUFACTURING, INC.  
Site name: ENERGIZER BATTERY MANUFACTURING, INC  
Facility address: 75 SWANTON ROAD  
ST. ALBANS, VT 054782614  
EPA ID: VTD002065654  
Mailing address: SWANTON ROAD  
ST. ALBANS, VT 054782614  
Contact: TIM J BROWN  
Contact address: DETROIT ROAD  
WESTLAKE, OH 44145  
Contact country: US  
Contact telephone: (440) 835-7783  
Contact email: TIMOTHYJ.BROWN@ENERGIZER.COM  
EPA Region: 01  
Land type: Private  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than 100 kg of that material at any time

**Owner/Operator Summary:**  
Owner/operator name: ENERGIZER HOLDINGS INC.  
Owner/operator address: MARYVILLE UNIVERSITY DRIVE  
ST. LOUIS, MO 63141  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/10/2002  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Owner/operator name: ENERGIZER BATTERY MANUFACTURING INC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 12/10/2002  
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: 03/29/2012  
Site name: ENERGIZER BATTERY MANUFACTURING, INC.  
Classification: Large Quantity Generator

Date form received by agency: 11/02/2011  
Site name: ENERGIZER BATTERY MFG INC  
Classification: Large Quantity Generator

Date form received by agency: 04/20/2011  
Site name: ENERGIZER BATTERY MFG INC  
Classification: Large Quantity Generator

Date form received by agency: 05/10/2010  
Site name: ENERGIZER BATTERY MFG INC  
Classification: Large Quantity Generator

Date form received by agency: 03/30/2010  
Site name: ENERGIZER BATTERY MANUFACTURING INC.  
Classification: Large Quantity Generator

Date form received by agency: 02/19/2010  
Site name: ENERGIZER BATTERY MANUFACTURING  
Classification: Large Quantity Generator

Date form received by agency: 12/17/2009  
Site name: ENERGIZER BATTERY MANUFACTURING  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Date form received by agency: 08/13/2009  
Site name: ENERGIZER BATTERY MANUFACTURING  
Classification: Large Quantity Generator

Date form received by agency: 04/03/2008  
Site name: ENERGIZER BATTERY MANUFACTURING  
Classification: Large Quantity Generator

Date form received by agency: 03/24/2008  
Site name: ENERGIZER BATTERY MANUFACTURING INC.  
Classification: Large Quantity Generator

Date form received by agency: 01/15/2008  
Site name: ENERGIZER BATTERY MANUFACTURING  
Classification: Large Quantity Generator

Date form received by agency: 03/30/2006  
Site name: ENERGIZER BATTERY MANUFACTURING INC  
Classification: Large Quantity Generator

Date form received by agency: 03/29/2004  
Site name: ENERGIZER BATTERY MANUFACTURING INC  
Classification: Large Quantity Generator

Date form received by agency: 03/27/2003  
Site name: ENERGIZER BATTERY MANUFACTURING INC  
Classification: Large Quantity Generator

Date form received by agency: 03/14/2002  
Site name: EVEREADY BATTERY CO., INC.  
Classification: Large Quantity Generator

Date form received by agency: 02/25/2000  
Site name: EVEREADY BATTERY CO., INC.  
Classification: Large Quantity Generator

Date form received by agency: 03/05/1998  
Site name: EVEREADY BATTERY CO.  
Classification: Large Quantity Generator

Date form received by agency: 02/14/1996  
Site name: EVEREADY BATTERY CO.  
Classification: Large Quantity Generator

Date form received by agency: 02/28/1994  
Site name: EVEREADY BATTERY CO.  
Classification: Large Quantity Generator

Date form received by agency: 02/14/1992  
Site name: EVEREADY BATTERY CO.  
Classification: Large Quantity Generator

Date form received by agency: 02/26/1990  
Site name: EVEREADY BATTERY COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 11/18/1980

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

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EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Site name: EVEREADY CORP  
Classification: Not a generator, verified

Date form received by agency: 08/18/1980

Site name: EVEREADY CORP  
Classification: Large Quantity Generator

**Hazardous Waste Summary:**

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003  
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D007  
Waste name: CHROMIUM

Waste code: D008  
Waste name: LEAD

Waste code: D009  
Waste name: MERCURY

Waste code: D019  
Waste name: CARBON TETRACHLORIDE

Waste code: D035  
Waste name: METHYL ETHYL KETONE

Waste code: D040  
Waste name: TRICHLOROETHYLENE

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING,

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: LABP  
Waste name: LAB PACK

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 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)

Waste code: VT20  
Waste name: A solid material that when mixed with an equal weight of distilled water causes the liquid fraction of the mixture to exhibit the properties of corrosivity characteristic as specified under Section 7-206(a)(3)

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003  
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D040  
Waste name: TRICHLOROETHYLENE

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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 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)

Waste code: VT20  
Waste name: A solid material that when mixed with an equal weight of distilled water causes the liquid fraction of the mixture to exhibit the properties of corrosivity characteristic as specified under Section 7-206(a)(3)

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003  
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D040  
Waste name: TRICHLOROETHYLENE

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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 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)

Waste code: VT20  
Waste name: A solid material that when mixed with an equal weight of distilled water causes the liquid fraction of the mixture to exhibit the properties of corrosivity characteristic as specified under Section 7-206(a)(3)

Biennial Reports:



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs):	3213.1
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs):	20170.2
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	18122.6
Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	1161
Waste code:	D021
Waste name:	CHLOROBENZENE
Amount (Lbs):	255
Waste code:	D040
Waste name:	TRICHLOROETHYLENE
Amount (Lbs):	17608
Waste code:	F002
Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	33555.9
Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS

Map ID  
Direction  
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MAP FINDINGS

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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 255

Waste code: U151

Waste name: MERCURY

Amount (Lbs): 10

**Corrective Action Summary:**

Event date: 10/04/2000

Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

**Facility Has Received Notices of Violations:**

Regulation violated: Not reported  
Area of violation: TSD IS-General Facility Standards

Date violation determined: 01/13/2011

Date achieved compliance: 01/21/2011

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 12/09/2011

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

Regulation violated: Not reported

Area of violation: TSD IS-Contingency Plan and Emergency Procedures

Date violation determined: 01/13/2011

Date achieved compliance: 01/27/2011

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 12/09/2011

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

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 01/13/2011

Date achieved compliance: 01/27/2011

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 12/09/2011

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 01/13/2011  
Date achieved compliance: 01/21/2011  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/09/2011  
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

Regulation violated: SR - 7-702(b)(12)  
Area of violation: Generators - Manifest  
Date violation determined: 12/16/2003  
Date achieved compliance: 01/05/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/18/2004  
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

Regulation violated: SR - 7-308(b)(9)(F)(i)  
Area of violation: Generators - Pre-transport  
Date violation determined: 12/16/2003  
Date achieved compliance: 01/05/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/18/2004  
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

Regulation violated: SR - 7-310(a)(4)  
Area of violation: Generators - Pre-transport  
Date violation determined: 12/16/2003  
Date achieved compliance: 01/05/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/18/2004  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported

Map ID  
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MAP FINDINGS

Site

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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-311(e)(1)  
Area of violation: Generators - General  
Date violation determined: 12/16/2003  
Date achieved compliance: 01/05/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/18/2004  
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

Regulation violated: SR - 7-311(f)(1)  
Area of violation: Generators - Pre-transport  
Date violation determined: 12/16/2003  
Date achieved compliance: 01/05/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/18/2004  
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

Regulation violated: SR - 7-311(d)(2)  
Area of violation: Generators - Pre-transport  
Date violation determined: 12/16/2003  
Date achieved compliance: 01/05/2004  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/18/2004  
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

Regulation violated: SR - 7-702(a)  
Area of violation: Generators - Manifest  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported

Map ID  
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Distance  
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EPA ID Number

**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Paid penalty amount: Not reported

Regulation violated: SR - 7-308(b)(10)(A-C)  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-311(d)(2)  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-311(f)(4)(A)  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-311(f)(1)  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Regulation violated: SR - 7-310(a)(5)  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-303  
Area of violation: Generators - General  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-311(e)(1)  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-311(d)(1)  
Area of violation: Generators - General  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-308(b)(9)

Map ID  
Direction  
Distance  
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Database(s)

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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Area of violation: Generators - Pre-transport  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-310(a)  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/17/2000  
Date achieved compliance: 12/16/2003  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/25/2002  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: SR - 7-309(5)(a)  
Area of violation: Generators - Pre-transport  
Date violation determined: 09/28/1995  
Date achieved compliance: 01/08/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/14/1995  
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

Regulation violated: SR - 7-308(5)(b+c)  
Area of violation: Generators - Pre-transport  
Date violation determined: 09/28/1995  
Date achieved compliance: 01/08/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/14/1995  
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

Regulation violated: SR - 7-309(1)(b)  
Area of violation: Generators - Pre-transport



Map ID  
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Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Date violation determined: 09/28/1995  
Date achieved compliance: 04/24/1996  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/14/1995  
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

Regulation violated: SR - 7-308(4)  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/10/1993  
Date achieved compliance: 03/16/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/27/1993  
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

Regulation violated: SR - 7-309(1)(b)(ii)  
Area of violation: Generators - Pre-transport  
Date violation determined: 08/10/1993  
Date achieved compliance: 03/16/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/27/1993  
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

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 09/30/1985  
Date achieved compliance: 01/17/1986  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/30/1985  
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: 01/13/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Area of violation: Generators - Pre-transport  
Date achieved compliance: 01/21/2011  
Evaluation lead agency: State

Evaluation date: 01/13/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD IS-General Facility Standards  
Date achieved compliance: 01/21/2011  
Evaluation lead agency: State

Evaluation date: 01/13/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 01/27/2011  
Evaluation lead agency: State

Evaluation date: 01/13/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD IS-Contingency Plan and Emergency Procedures  
Date achieved compliance: 01/27/2011  
Evaluation lead agency: State

Evaluation date: 10/27/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 12/16/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 01/05/2004  
Evaluation lead agency: State

Evaluation date: 12/16/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Manifest  
Date achieved compliance: 12/16/2003  
Evaluation lead agency: State

Evaluation date: 12/16/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 12/16/2003  
Evaluation lead agency: State

Evaluation date: 12/16/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Manifest  
Date achieved compliance: 01/05/2004  
Evaluation lead agency: State

Evaluation date: 12/16/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 01/05/2004  
Evaluation lead agency: State

Map ID  
Direction  
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MAP FINDINGS

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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Evaluation date: 12/16/2003  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 12/16/2003  
Evaluation lead agency: State

Evaluation date: 08/17/2000  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 12/16/2003  
Evaluation lead agency: EPA

Evaluation date: 08/17/2000  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 12/16/2003  
Evaluation lead agency: EPA

Evaluation date: 08/17/2000  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Manifest  
Date achieved compliance: 12/16/2003  
Evaluation lead agency: EPA

Evaluation date: 01/16/1998  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/24/1996  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/28/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 01/08/1996  
Evaluation lead agency: State

Evaluation date: 09/28/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 04/24/1996  
Evaluation lead agency: State

Evaluation date: 03/16/1994  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/10/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Date achieved compliance: 03/16/1994  
Evaluation lead agency: State

Evaluation date: 01/22/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/09/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/25/1988  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/07/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/17/1986  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 09/30/1985  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 01/17/1986  
Evaluation lead agency: State

Evaluation date: 08/07/1984  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 10/01/1983  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**CERC-NFRAP:**

Site ID: 0101443  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13327838.00000  
Person ID: 1270095.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: UNION CARBIDE BATTERY PROD DIV  
Alias Address: RTE 7  
ST ALBANS, VT 05478

Alias Name: UNION CARBIDE CORP  
Alias Address: RTE 7  
ST ALBANS, VT 05478

Alias Name: EVEREADY CORPORATION  
Alias Address: RTE 7  
ST ALBANS, VT 05478

Program Priority:

Description: Environmental Justice Indicator

Description: RCRA Deferral Audit

Description: RCRA Deferral - New Decision

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: / /  
Date Completed: 06/01/81  
Priority Level: Not reported

Action: SITE INSPECTION  
Date Started: 05/01/87  
Date Completed: 05/24/88  
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE  
Date Started: / /  
Date Completed: 09/30/02  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: 06/03/85  
Date Completed: 09/30/85  
Priority Level: Low priority for further assessment

CORRACTS:

EPA ID: VTD002065654  
EPA Region: 01  
Area Name: ENTIRE FACILITY  
Actual Date: 20001004  
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority,  
Corrective Action at the facility or area referred to CERCLA  
NAICS Code(s): 335912 335129

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Primary Battery Manufacturing  
Other Lighting Equipment Manufacturing

Original schedule date: Not reported

Schedule end date: Not reported

**NJ MANIFEST:**

EPA Id: VTD002065654  
Mail Address: SWANTON RD  
Mail City/State/Zip: ST ALBANS, VT 05478  
Facility Phone: Not reported  
Emergency Phone: Not reported  
Contact: WILLIAM R BAKER  
Comments: Not reported  
SIC Code: Not reported  
County: VT011  
Municipal: Not reported  
Previous EPA Id: Not reported  
Gen Flag: Not reported  
Trans Flag: Not reported  
TSDf Flag: Not reported  
Name Change: Not reported  
Date Change: Not reported

**Manifest:**

Manifest Number: 003831677JJK  
EPA ID: VTD002065654  
Date Shipped: 04/17/2008  
TSDf EPA ID: NJD002182897  
Transporter EPA ID: MAD985286988  
Transporter 2 EPA ID: TXR000050930  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 04/17/2008  
Date Trans2 Transported Waste: 04/24/2008  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSDf Received Waste: 04/24/2008  
TSDf EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: Not reported  
Was Load Rejected: ST ALBANS, VT 05478  
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: 2008 New Jersey Manifest Data  
Waste Code: D040  
Hand Code: H141  
Quantity: 55 G

Manifest Number: 003829615JJK  
EPA ID: VTD002065654  
Date Shipped: 03/20/2008  
TSDF EPA ID: NJD002182897  
Transporter EPA ID: MAD985286988  
Transporter 2 EPA ID: TXR000050930  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 03/20/2008  
Date Trans2 Transported Waste: 04/03/2008  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSDF Received Waste: 04/03/2008  
TSDF EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: Not reported  
Was Load Rejected: ST ALBANS, VT 05478  
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: 2008 New Jersey Manifest Data  
Waste Code: D040  
Hand Code: H141



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ENERGIZER BATTERY MANUFACTURING, INC. (Continued)**

**1015737148**

Quantity: 165 G

**RI MANIFEST:**

GEN Cert Date: 2/10/1994  
 Transporter Receipt Date: Not reported  
 Number Of Containers: 0  
 Container Type: Not reported  
 Waste Code1: D011  
 Waste Code2: Not reported  
 Waste Code3: Not reported  
 Comment: Not reported  
 Fee Exempt Code: Not reported  
 TSDf Name: BOLIDEN METECH INC  
 TSDf ID: RID063890214  
 TSDf Date: Not reported  
 Transporter 2 Name: Not reported  
 Transporter 2 ID: Not reported  
 Manifest Docket Number: RIC0023582  
 Waste Description: SILVER OXIDE  
 Quantity: 503  
 WT/Vol Units: P  
 Item Number: 3  
 Transporter Name: SEALAND ENVIRONMENTAL SERVICES  
 Transporter EPA ID: CTD983872748  
 GEN Cert Date: 2/10/1994  
 Transporter Recpt Date: Not reported  
 Transporter 2 Recpt Date: Not reported  
 TSDf Recpt Date: Not reported  
 EPA ID: VTD002065654  
 Transporter 2 ID: Not reported

**A4** **ENERGIZER BATTERY MANUFACTURING INCORPORATED**  
**Target** **75 SWANTON ROAD**  
**Property** **ST. ALBANS, VT 05478**

**VT MANIFEST** **S106751766**  
**VT SPILLS** **N/A**  
**VT AIRS**  
**VT TIER 2**

**Site 4 of 10 in cluster A**

**Actual:**  
**442 ft.**

**VT MANIFEST:**  
 Manifest ID: 000692106FLE  
 EPAID: VTD002065654  
 Mailing Name: ENERGIZER BATTERY MFG INC  
 Mailing Address: 75 SWANTON RD  
 Mailing City, St, Zip: ST ALBANS, VT 05478  
 Contact Phone: 8025276725  
 Contact Name: WILLIAM R BAKER  
 Trans1: MAD039322250  
 T1 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC  
 Manifest Transporter City: NORWELL  
 Manifest Transporter State: MA  
 FACID: OHD000816629  
 Facility Name: SPRING GROVE RESOURCE RECOVERY  
 DotDescrip: NON-DOT NON-RCRA REGULATED MATERIALS  
 AdditionalDot: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Quantity: 385.00  
Unit: G  
Waste: VT02  
Date Shipped: 07/24/2007  
Facility City: CINCINNATI  
Facility State: OH  
Fac Date: 08/03/2007

Manifest ID: 003168184FLE  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: JOHN VARNEY  
Trans1: MAD985286988  
T1 Name: TRIUMVIRATE ENVIRONMENTAL INC  
Manifest Transporter City: SOMERVILLE  
Manifest Transporter State: MA  
FACID: MAD047075734  
Facility Name: ENVIRO-SAFE CORPORATION (NE)  
DotDescrip: NON RCRA NON DOT OIL DEBRIS  
AdditionalDot: Not reported  
Quantity: 547.00  
Unit: P  
Waste: VT02  
Date Shipped: 06/21/2010  
Facility City: LOWELL  
Facility State: MA  
Fac Date: 06/23/2010

Manifest ID: 005530648JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: MAD985286988  
T1 Name: TRIUMVIRATE ENVIRONMENTAL INC  
Manifest Transporter City: SOMERVILLE  
Manifest Transporter State: MA  
FACID: MID000724831  
Facility Name: EQ - THE ENVIRONMENTAL QUALITY COMPANY  
DotDescrip: WASTE CAUSTIC ALKALI LIQUIDS NOS 8 UN1719 POTASSIUM HYDROXIDE CHROMIUM RQ  
AdditionalDot: Not reported  
Quantity: 55.00  
Unit: G  
Waste: D002;D007  
Date Shipped: 12/18/2008  
Facility City: BELLEVILLE  
Facility State: MI  
Fac Date: 01/20/2009

Manifest ID: 005081849JJK  
EPAID: VTD002065654

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: NYF006000053  
T1 Name: TRANSPORT ROLLEX LTEE  
Manifest Transporter City: VARENNES J3X1T6  
Manifest Transporter State: NY  
FACID: WAR000011999  
Facility Name: TOXCO WASTE MANAGEMENT LTD  
DotDescrip: WASTE WATER-REACTIVE SOLID NOS 4.3 UN2813 PGI LITHIUM RQ  
AdditionalDot: Not reported  
Quantity: 4005.00  
Unit: P  
Waste: D003  
Date Shipped: 08/20/2008  
Facility City: TRAIL,BRITISH COLUMBIA,CA  
Facility State: WA  
Fac Date: 09/08/2008

Manifest ID: 005534267JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: CHRISTOPHER KINNICK  
Trans1: MAD985286988  
T1 Name: TRIUMVIRATE ENVIRONMENTAL INC  
Manifest Transporter City: SOMERVILLE  
Manifest Transporter State: MA  
FACID: MAD047075734  
Facility Name: ENVIRO-SAFE CORPORATION (NE)  
DotDescrip: NON RCRA NON DOT WASTE OIL OFF SPECIFICATION USED OIL FUEL  
AdditionalDot: Not reported  
Quantity: 110.00  
Unit: P  
Waste: VT02  
Date Shipped: 04/14/2009  
Facility City: LOWELL  
Facility State: MA  
Fac Date: 04/20/2009

Manifest ID: 005081848JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: MAD985286988  
T1 Name: TRIUMVIRATE ENVIRONMENTAL INC  
Manifest Transporter City: SOMERVILLE  
Manifest Transporter State: MA  
FACID: OHD048415665  
Facility Name: ROSS INCINERATION SERVICES INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

DotDescrip: HAZARDOUS WASTE SOLID NOS 9 NA3077 PGIII TRICHLOROETHYLENE RQ  
AdditionalDot: Not reported  
Quantity: 666.00  
Unit: P  
Waste: D040  
Date Shipped: 08/20/2008  
Facility City: GRAFTON  
Facility State: OH  
Fac Date: 08/28/2008

Manifest ID: 005534263JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: CHRISTOPHER KINNICK  
Trans1: NYD982792814  
T1 Name: FRANK'S VACUUM TRUCK SERVICE, INC  
Manifest Transporter City: NIAGARA FALLS  
Manifest Transporter State: NY  
FACID: OHD048415665  
Facility Name: ROSS INCINERATION SERVICES INC

DotDescrip: HAZARDOUS WASTE SOLID NOS 9 NA3077 PGIII RQ  
AdditionalDot: Not reported  
Quantity: 424.00  
Unit: P  
Waste: D040  
Date Shipped: 04/14/2009  
Facility City: GRAFTON  
Facility State: OH  
Fac Date: 04/19/2009

Manifest ID: 005081545JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: OHD980614374  
T1 Name: ROSS TRANSPORTATION SERVICES INC  
Manifest Transporter City: GRAFTON  
Manifest Transporter State: OH  
FACID: OHD048415665  
Facility Name: ROSS INCINERATION SERVICES INC

DotDescrip: NON RCRA NON DOT WASTE OIL  
AdditionalDot: Not reported  
Quantity: 55.00  
Unit: G  
Waste: VT02  
Date Shipped: 08/06/2008  
Facility City: GRAFTON  
Facility State: OH  
Fac Date: 08/14/2008

Manifest ID: 005083728JJK

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: NJD054126164  
T1 Name: FREEHOLD CARTAGE, INC.  
Manifest Transporter City: FREEHOLD  
Manifest Transporter State: NJ  
FACID: IND000646943  
Facility Name: POLLUTION CONTROL INDUSTRIES INC  
DotDescrip: WASTE TOXIC LIQUIDS ORGANIC NOS 6.1 UN2810 PGII TRICHLOROETHYLENE RQ  
AdditionalDot: Not reported  
Quantity: 1898.00  
Unit: P  
Waste: D040  
Date Shipped: 10/21/2008  
Facility City: EAST CHICAGO  
Facility State: IN  
Fac Date: 10/29/2008

Manifest ID: 005082386JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: MAD985286988  
T1 Name: TRIUMVIRATE ENVIRONMENTAL INC  
Manifest Transporter City: SOMERVILLE  
Manifest Transporter State: MA  
FACID: OHD048415665  
Facility Name: ROSS INCINERATION SERVICES INC  
DotDescrip: HAZARDOUS WASTE SOLID NOS 9 NA3077 PGIII TRICHLOROETHYLENE RQ  
AdditionalDot: Not reported  
Quantity: 1458.00  
Unit: P  
Waste: D040  
Date Shipped: 09/12/2008  
Facility City: GRAFTON  
Facility State: OH  
Fac Date: 09/29/2008

Manifest ID: 005077762JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: OHD980614374  
T1 Name: ROSS TRANSPORTATION SERVICES INC  
Manifest Transporter City: GRAFTON  
Manifest Transporter State: OH  
FACID: OHD048415665

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Facility Name: ROSS INCINERATION SERVICES INC  
DotDescrip: HAZARDOUS WASTE SOLID NOS 9 NA3077 PGIII TRICHLOROETHYLENE RQ  
AdditionalDot: Not reported  
Quantity: 2792.00  
Unit: P  
Waste: D040  
Date Shipped: 07/15/2008  
Facility City: GRAFTON  
Facility State: OH  
Fac Date: 07/24/2008

Manifest ID: 005082385JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: NYF006000053  
T1 Name: TRANSPORT ROLLEX LTEE  
Manifest Transporter City: VARENNES J3X1T6  
Manifest Transporter State: NY  
FACID: WAR000011999

Facility Name: TOXCO WASTE MANAGEMENT LTD  
DotDescrip: WASTE WATER REACTIVE SOLID NOS 4.3 UN2813 PGI LITHIUM RQ  
AdditionalDot: Not reported  
Quantity: 12124.00  
Unit: P  
Waste: D003  
Date Shipped: 09/12/2008  
Facility City: TRAIL,BRITISH COLUMBIA,CA  
Facility State: WA  
Fac Date: 10/20/2008

Manifest ID: 005082382JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: ALD067138891  
T1 Name: ROBBIE D WOOD INC  
Manifest Transporter City: DOLOMITE  
Manifest Transporter State: AL  
FACID: OHD980587364  
Facility Name: CLEAN HARBORS RECYCLING SERVICES OF OHIO, LLC  
DotDescrip: WASTE TRICHLOROETHYLENE 6.1 UN1710 PGIII RQ  
AdditionalDot: Not reported  
Quantity: 110.00  
Unit: G  
Waste: D040  
Date Shipped: 09/12/2008  
Facility City: HEBRON  
Facility State: OH  
Fac Date: 10/07/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Manifest ID: 005081547JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: MI0000263871  
T1 Name: EQ INDUSTRIAL SERVICES INC  
Manifest Transporter City: YPSILANTI  
Manifest Transporter State: MI  
FACID: MID000724831  
Facility Name: EQ - THE ENVIRONMENTAL QUALITY COMPANY  
DotDescrip: NON REGULATED MATERIAL MIX DUST  
AdditionalDot: Not reported  
Quantity: 377.00  
Unit: P  
Waste: VT99  
Date Shipped: 08/06/2008  
Facility City: BELLEVILLE  
Facility State: MI  
Fac Date: 08/19/2008

Manifest ID: 005082383JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: MI0000263871  
T1 Name: EQ INDUSTRIAL SERVICES INC  
Manifest Transporter City: YPSILANTI  
Manifest Transporter State: MI  
FACID: MID000724831  
Facility Name: EQ - THE ENVIRONMENTAL QUALITY COMPANY  
DotDescrip: WASTE CAUSTIC ALKALI LIQUIDS NOS 8 UN1719 PGII POTASSIUM HYDROXIDE CHROMIUM RQ  
AdditionalDot: Not reported  
Quantity: 440.00  
Unit: G  
Waste: D002;D007  
Date Shipped: 09/12/2008  
Facility City: BELLEVILLE  
Facility State: MI  
Fac Date: 10/02/2008

Manifest ID: 005082385JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: MAD985286988  
T1 Name: TRIUMVIRATE ENVIRONMENTAL INC  
Manifest Transporter City: SOMERVILLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Manifest Transporter State: MA  
FACID: WAR000011999  
Facility Name: TOXCO WASTE MANAGEMENT LTD  
DotDescrip: WASTE WATER REACTIVE SOLID NOS 4.3 UN2813 PGI LITHIUM RQ  
AdditionalDot: Not reported  
Quantity: 12124.00  
Unit: P  
Waste: D003  
Date Shipped: 09/12/2008  
Facility City: TRAIL, BRITISH COLUMBIA, CA  
Facility State: WA  
Fac Date: 10/20/2008

Manifest ID: VT0170224  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City, St, Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: WILLIAM R BAKER  
Trans1: OHD009865825  
T1 Name: DART TRUCKING CO INC  
Manifest Transporter City: COLUMBIANA  
Manifest Transporter State: OH  
FACID: OHD000816629  
Facility Name: SPRING GROVE RESOURCE RECOVERY  
DotDescrip: HAZARDOUS WASTE SOLID LITHIUM  
AdditionalDot: Not reported  
Quantity: 6025.00  
Unit: P  
Waste: D003  
Date Shipped: 05/24/2006  
Facility City: CINCINNATI  
Facility State: OH  
Fac Date: 05/30/2006

Manifest ID: 000602649FLE  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City, St, Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: WILLIAM R BAKER  
Trans1: MAD039322250  
T1 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC  
Manifest Transporter City: NORWELL  
Manifest Transporter State: MA  
FACID: OHD000816629  
Facility Name: SPRING GROVE RESOURCE RECOVERY  
DotDescrip: WASTE TOXIC LIQUIDS ORGANIC NOS TRICHLOROETHYLENE 6.1 UN2810 PGII  
AdditionalDot: Not reported  
Quantity: 9658.00  
Unit: P  
Waste: D040;F002  
Date Shipped: 12/13/2006  
Facility City: CINCINNATI  
Facility State: OH



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Fac Date: 12/18/2006  
  
Manifest ID: 005081383JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: MAD985286988  
T1 Name: TRIUMVIRATE ENVIRONMENTAL INC  
Manifest Transporter City: SOMERVILLE  
Manifest Transporter State: MA  
FACID: WAR000011999  
Facility Name: TOXCO WASTE MANAGEMENT LTD  
DotDescrip: WASTE WATER-REACTIVE SOLID NOS 4.3 UN2813 PGI LITHIUM RQ  
AdditionalDot: Not reported  
Quantity: 13483.00  
Unit: P  
Waste: D003  
Date Shipped: 08/06/2008  
Facility City: TRAIL,BRITISH COLUMBIA,CA  
Facility State: WA  
Fac Date: 08/17/2008

Manifest ID: 003834667JJK  
EPAID: VTD002065654  
Mailing Name: ENERGIZER BATTERY MFG INC  
Mailing Address: 75 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025276725  
Contact Name: ADAM ZURKEY  
Trans1: MAD985286988  
T1 Name: TRIUMVIRATE ENVIRONMENTAL INC  
Manifest Transporter City: SOMERVILLE  
Manifest Transporter State: MA  
FACID: WAR000011999  
Facility Name: TOXCO WASTE MANAGEMENT LTD  
DotDescrip: WASTE WATER-REACTIVE SOLID NOS 4.3 UN2813 PGI LITHIUM RQ  
AdditionalDot: Not reported  
Quantity: 11481.00  
Unit: P  
Waste: D003  
Date Shipped: 06/04/2008  
Facility City: TRAIL,BRITISH COLUMBIA,CA  
Facility State: WA  
Fac Date: 06/16/2008

[Click this hyperlink](#) while viewing on your computer to access  
1512 additional VT MANIFEST: record(s) in the EDR Site Report.

SPILLS:  
Year: 2004  
Report #: WMD418  
Hazardous Site Number: Not reported  
Date Reported: 12/02/2004  
Time Reported: 1003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Complaint Taker: Tim Cropley  
Received From: No  
Duty Officer: Not reported  
Reported By Name: Bill Baker  
Reported By Organization: Eveready Battery  
Reported By Work Phone: 802-527-6725  
Reported By Home Phone: Not reported  
Incident Code: 99  
Incident Type: tank check valve failure  
Date Of Incident: 12/02/2004  
Time Of Incident: 1  
Product: trichloroethylene  
Quantity: 90  
Unit Of Measure: G  
Responsible Party: Eveready Battery  
RP Address: Not reported  
RP City,St,Zip: Not reported  
RP Phone Work: 802-527-6725  
RP Phone Home: Not reported  
RP EMail: Not reported  
EMail Sent Status: Y  
Case Assigned To: spills  
Surface Water Affected: Not reported  
**Date Closed: 12/02/2004**  
Closure Desc: Not reported  
UST Facility Id: Not reported  
Lat/Long: Not reported  
Comments: Failed check valve in tank system. Air treatment system shut down to allow for slow evap. to atmosphere. 100 lbs released to air.  
Action: Clean Harbors cleaned up residue. Baker notified NRC.

[Click here to access VT DEC Site:](#)

**AIRS:**

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton Rd.  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Mailing  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-88-009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

NSR Applic Designation: Minor Source  
Type Of NSR: Modification  
NSR Type2: Minor  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 07/26/88  
Op Permit Expiration: / /  
Allow PMERTpy: 0  
Allow SO2ERTpy: 0  
Allow COERTpy: 0  
Allow VOCERTpy: 0

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton road  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Application Contact  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-88-009  
NSR Applic Designation: Minor Source  
Type Of NSR: Modification  
NSR Type2: Minor  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 07/26/88  
Op Permit Expiration: / /  
Allow PMERTpy: 0  
Allow SO2ERTpy: 0  
Allow COERTpy: 0  
Allow VOCERTpy: 0

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton Rd.  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Mailing

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-90-009  
NSR Applic Designation: Clerical Amendment  
Type Of NSR: Minor/Admin. Amendment (Clerical)  
NSR Type2: Not reported  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 02/21/90  
Op Permit Expiration: / /  
Allow PMERTpy: 0  
Allow SO2ERTpy: 0  
Allow COERTpy: 0  
Allow VOCERTpy: 0

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton road  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Application Contact  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-90-009  
NSR Applic Designation: Clerical Amendment  
Type Of NSR: Minor/Admin. Amendment (Clerical)  
NSR Type2: Not reported  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 02/21/90  
Op Permit Expiration: / /  
Allow PMERTpy: 0  
Allow SO2ERTpy: 0  
Allow COERTpy: 0  
Allow VOCERTpy: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton Rd.  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Mailing  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-89-013  
NSR Applic Designation: Minor Source  
Type Of NSR: Modification  
NSR Type2: Minor  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 05/02/89  
Op Permit Expiration: / /  
Allow PMERTpy: 0  
Allow SO2ERTpy: 0  
Allow COERTpy: 0  
Allow VOCERTpy: 0

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton road  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Application Contact  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-89-013  
NSR Applic Designation: Minor Source

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Type Of NSR:	Modification
NSR Type2:	Minor
OP Type:	Not reported
OP Type1:	Not reported
Date Decision Issued:	05/02/89
Op Permit Expiration:	/ /
Allow PMERtpy:	0
Allow SO2ERtpy:	0
Allow COERtpy:	0
Allow VOCERtpy:	0
Facility Id:	213
Facility Airs Id:	01-50-011-00001
Dec Pin:	EJ96-0009.06
First Name:	William
Last Name:	Baker
Title:	Not reported
Address:	75 Swanton Rd.
City:	St. Albans
State:	VT
Postal Code:	05478
Address Type:	Mailing
Sic Code:	3648
Facility Utm North (M):	4965941
Facility Operating Status:	Operating
Facility UTM Location:	Approx. Ctr.
Facility NSR Designation:	Non-Major Stationary Source
Facility Utm East (M):	652057
Facility Utm Zone:	18
Indirect Source?:	F
Operating Permit Designation:	Opt-Out Source
Application Type:	NSR Application
APCD Application Number:	AP-90-009A
NSR Applic Designation:	Minor Source
Type Of NSR:	Modification
NSR Type2:	Minor
OP Type:	Not reported
OP Type1:	Not reported
Date Decision Issued:	05/02/97
Op Permit Expiration:	/ /
Allow PMERtpy:	1
Allow SO2ERtpy:	1
Allow COERtpy:	1
Allow VOCERtpy:	1
Facility Id:	213
Facility Airs Id:	01-50-011-00001
Dec Pin:	EJ96-0009.06
First Name:	William
Last Name:	Baker
Title:	Not reported
Address:	75 Swanton road
City:	St. Albans
State:	VT
Postal Code:	05478
Address Type:	Application Contact
Sic Code:	3648

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-90-009A  
NSR Applic Designation: Minor Source  
Type Of NSR: Modification  
NSR Type2: Minor  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 05/02/97  
Op Permit Expiration: / /  
Allow PMERTpy: 1  
Allow SO2ERTpy: 1  
Allow COERTpy: 1  
Allow VOCERTpy: 1  
  
Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton Rd.  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Mailing  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: Combined NSR/Operating Permit Application  
APCD Application Number: AOP-05-043  
NSR Applic Designation: Not reported  
Type Of NSR: Modification  
NSR Type2: Minor  
OP Type: Initial Operating Permit Application  
OP Type1: Subchapter X Major  
Date Decision Issued: 03/03/06  
Op Permit Expiration: 03/03/11  
Allow PMERTpy: 1  
Allow SO2ERTpy: 2  
Allow COERTpy: 2  
Allow VOCERTpy: 3  
  
Facility Id: 213

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton road  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Application Contact  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: Combined NSR/Operating Permit Application  
APCD Application Number: AOP-05-043  
NSR Applic Designation: Not reported  
Type Of NSR: Modification  
NSR Type2: Minor  
OP Type: Initial Operating Permit Application  
OP Type1: Subchapter X Major  
Date Decision Issued: 03/03/06  
Op Permit Expiration: 03/03/11  
Allow PMERTpy: 1  
Allow SO2ERTpy: 2  
Allow COERTpy: 2  
Allow VOCERTpy: 3

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton Rd.  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Mailing  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-03-027  
NSR Applic Designation: Not reported  
Type Of NSR: Modification



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

NSR Type2: Minor  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 08/28/03  
Op Permit Expiration: / /  
Allow PMERtpy: 0  
Allow SO2ERtpy: 3  
Allow COERtpy: 1  
Allow VOCERtpy: 0

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton road  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Application Contact  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-03-027  
NSR Applic Designation: Not reported  
Type Of NSR: Modification  
NSR Type2: Minor  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 08/28/03  
Op Permit Expiration: / /  
Allow PMERtpy: 0  
Allow SO2ERtpy: 3  
Allow COERtpy: 1  
Allow VOCERtpy: 0

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton Rd.  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Mailing  
Sic Code: 3648  
Facility Utm North (M): 4965941

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-90-009B  
NSR Applic Designation: Clerical Amendment  
Type Of NSR: Minor/Admin. Amendment (Clerical)  
NSR Type2: Not reported  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 04/16/99  
Op Permit Expiration: / /  
Allow PMERTpy: 1  
Allow SO2ERTpy: 1  
Allow COERTpy: 1  
Allow VOCERTpy: 1

Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton road  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Application Contact  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F

Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-90-009B  
NSR Applic Designation: Clerical Amendment  
Type Of NSR: Minor/Admin. Amendment (Clerical)  
NSR Type2: Not reported  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 04/16/99  
Op Permit Expiration: / /  
Allow PMERTpy: 1  
Allow SO2ERTpy: 1  
Allow COERTpy: 1  
Allow VOCERTpy: 1

Facility Id: 213  
Facility Airs Id: 01-50-011-00001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton Rd.  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Mailing  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-05-013  
NSR Applic Designation: Not reported  
Type Of NSR: Modification  
NSR Type2: Minor  
OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 04/18/05  
Op Permit Expiration: / /  
Allow PMERTpy: 0  
Allow SO2ERTpy: 0  
Allow COERTpy: 0  
Allow VOCERTpy: 0  
  
Facility Id: 213  
Facility Airs Id: 01-50-011-00001  
Dec Pin: EJ96-0009.06  
First Name: William  
Last Name: Baker  
Title: Not reported  
Address: 75 Swanton road  
City: St. Albans  
State: VT  
Postal Code: 05478  
Address Type: Application Contact  
Sic Code: 3648  
Facility Utm North (M): 4965941  
Facility Operating Status: Operating  
Facility UTM Location: Approx. Ctr.  
Facility NSR Designation: Non-Major Stationary Source  
Facility Utm East (M): 652057  
Facility Utm Zone: 18  
Indirect Source?: F  
Operating Permit Designation: Opt-Out Source  
Application Type: NSR Application  
APCD Application Number: AP-05-013  
NSR Applic Designation: Not reported  
Type Of NSR: Modification  
NSR Type2: Minor

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

OP Type: Not reported  
OP Type1: Not reported  
Date Decision Issued: 04/18/05  
Op Permit Expiration: / /  
Allow PMERTpy: 0  
Allow SO2ERTpy: 0  
Allow COERTpy: 0  
Allow VOCERTpy: 0

**TIER 2:**

Report Year: 2008  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC  
Facility Id: FATR200855F2U703NTNJ  
Facility Dept: Not reported  
Date Signed: 2/9/2009  
Modification Date: 5/14/2009  
Fee Total: 1285  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: 533 Maryville University Drive  
Mail City,St,Zip: St. Louis, MO 63141  
Mail Country: USA  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Jean M. Bonko, Plant Manager  
Chem Same As Last Yr: Not reported  
Notes: Not reported  
Validation Report: Not reported

Report Year: 2009  
Facility Name: ENERGIZER BATTERY MANUFACTURING INCORPORATED  
Facility Id: FATR200970QSAT002AQQ  
Facility Dept: Not reported  
Date Signed: 2/19/2010  
Modification Date: 4/22/2010  
Fee Total: Not reported  
Number Employees: 285  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: CE - Center of Facility  
Lat Long Method: S1 - Classical Surveying  
Submitted By: Jean M. Bonko  
Chem Same As Last Yr: Not reported  
Notes: Not reported  
Validation Report: Not reported

**Chem Inventory:**

Facility ID: FATR200970QSAT002AQQ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chem Inv Record ID: CVTR200970QTFV00M3YY  
Chemical Name: Argon, Compressed  
CAS NUMBER: 7440-37-1  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: True  
Liquid: True  
Mixture: True  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QTFV00M3YY  
Reported Year: 2009  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Cryogenic conditions  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QTFV00M3YY  
Reported Year: 2009  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QTFV00M3YY  
Reported Year: 2009  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200971AEVX003RKG  
Chemical Name: Methyl Ethyl Ketone  
CAS NUMBER: 78-93-3  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200971AEVX003RKG  
Reported Year: 2009  
Location: MRO  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QTYB005C7K  
Chemical Name: Dimethoxyethane  
CAS NUMBER: 110-71-4  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QTYB005C7K  
Reported Year: 2009  
Location: Battery Manufacturing (Storage)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QU8D0092GM  
Chemical Name: Dioxolane  
CAS NUMBER: 646-06-0  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QU8D0092GM  
Reported Year: 2009  
Location: Battery Manufacturing (Storage)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QUC100D794  
Chemical Name: Fuel Oil, [No.2]  
CAS NUMBER: 68476-30-2  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QUC100D794  
Reported Year: 2009  
Location: Fuel Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Above ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QUGN00F77U  
Chemical Name: Helium, Compressed  
CAS NUMBER: 7440-59-7  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QUGN00F77U  
Reported Year: 2009  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QUMJ00HF6L  
Chemical Name: Iron Pyrite  
CAS NUMBER: 1309-36-0  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QUMJ00HF6L  
Reported Year: 2009  
Location: L02 Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chemical ID: CVTR200970QUMJ00HF6L  
Reported Year: 2009  
Location: Battery Manufacturing (North of Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QUMJ00HF6L  
Reported Year: 2009  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QUW600MXAA  
Chemical Name: Lithium  
CAS NUMBER: 7439-93-2  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: True  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QUW600MXAA  
Reported Year: 2009  
Location: Battery Manufacturing (Storage)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Last Modified: 2/18/2010  
  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QUW600MXAA  
Reported Year: 2009  
Location: Battery Manufacturing (DR2 & DR3)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QV0300Q9TP  
Chemical Name: Lubricating Oil  
CAS NUMBER: Not reported  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV0300Q9TP  
Reported Year: 2009  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV0300Q9TP  
Reported Year: 2009  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV0300Q9TP  
Reported Year: 2009  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV0300Q9TP  
Reported Year: 2009  
Location: Misc. Equipment  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV0300Q9TP  
Reported Year: 2009  
Location: Building 2 (East of Compressor Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QV3800T0R5  
Chemical Name: Mineral Spirits  
CAS NUMBER: 64741-41-9  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV3800T0R5  
Reported Year: 2009  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV3800T0R5  
Reported Year: 2009  
Location: Forklift Maintenance  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV3800T0R5  
Reported Year: 2009  
Location: MRO  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV3800T0R5  
Reported Year: 2009  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV3800T0R5  
Reported Year: 2009  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QV7C00UKTE  
Chemical Name: Nitrogen, Compressed  
CAS NUMBER: 7727-37-9  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: True  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV7C00UKTE  
Reported Year: 2009  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV7C00UKTE  
Reported Year: 2009  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QV7C00UKTE  
Reported Year: 2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Location: Battery Manufacturing (Recovery #2)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QVKU010CVN  
Chemical Name: Sodium Hydroxide  
CAS NUMBER: 1310-73-2  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVKU010CVN  
Reported Year: 2009  
Location: Battery Manufacturing (Recovery #2)  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVKU010CVN  
Reported Year: 2009  
Location: Flashlight Manufacturing  
Amount: Not reported  
Amount Unit: pounds  
Type: Carboy  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVKU010CVN  
Reported Year: 2009  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Fiber drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVKU010CVN  
Reported Year: 2009  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVKU010CVN  
Reported Year: 2009  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QVU9016PNS  
Chemical Name: Sulfuric Acid  
CAS NUMBER: 7664-93-9  
EHS Chemical: True  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: Not reported  
State Label Code: VT2009



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Trade Secret: Not reported  
Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVU9016PNS  
Reported Year: 2009  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVU9016PNS  
Reported Year: 2009  
Location: Battery Charging Area  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVU9016PNS  
Reported Year: 2009  
Location: Lift Trucks  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVU9016PNS  
Reported Year: 2009  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QVU9016PNS  
Reported Year: 2009  
Location: Water Tower Pump House  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chemical Mixture:

Reported Year: 2009  
Chemical Mix: Sulfuric Acid  
Percentage: Not reported  
MiX CAS: 7664-93-9  
MiX EHS: T  
Weight Volume: Not reported  
MiX Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QW0301BR04  
Chemical Name: Trichloroethylene  
CAS NUMBER: 79-01-6  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QW0301BR04  
Reported Year: 2009  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QW0301BR04  
Reported Year: 2009  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QW0301BR04  
Reported Year: 2009  
Location: Battery Manufacturing - Mix Room  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QW7T01JECC  
Chemical Name: Carbon Black  
CAS NUMBER: 1333-86-4  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QW7T01JECC  
Reported Year: 2009  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QW7T01JECC  
Reported Year: 2009  
Location: Battery Manufacturing (North of Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Temperature: Ambient temperature  
Last Modified: 2/18/2010  
  
Facility ID: FATR200970QSAT002AQG  
Chemical ID: CVTR200970QW7T01JECC  
Reported Year: 2009  
Location: Battery Manufacturing (Recovery #1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQG  
Chem Inv Record ID: CVTR200970QW8R01L7Q2  
Chemical Name: Amorphous Fumed Silica  
CAS NUMBER: 112945-52-5  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQG  
Chemical ID: CVTR200970QW8R01L7Q2  
Reported Year: 2009  
Location: L02 Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQG  
Chemical ID: CVTR200970QW8R01L7Q2  
Reported Year: 2009  
Location: Battery Manufacturing (North of Mix Room)  
Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970QW9L01NYTX  
Chemical Name: Graphite  
CAS NUMBER: 7782-42-5  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QW9L01NYTX  
Reported Year: 2009  
Location: L02 Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QW9L01NYTX  
Reported Year: 2009  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970QW9L01NYTX

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Reported Year: 2009  
Location: Battery Manufacturing (North of Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970R1X601SNT2  
Chemical Name: Butylene Oxide  
CAS NUMBER: 106-88-7  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970R1X601SNT2  
Reported Year: 2009  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970R1X601SNT2  
Reported Year: 2009  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970R1XC01TTLN  
Chemical Name: Ethyl Acetate  
CAS NUMBER: 141-78-6  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970R1XC01TTLN  
Reported Year: 2009  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970R1XC01TTLN  
Reported Year: 2009  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970R1YE01VR2Z  
Chemical Name: Sodium Metabisulfite  
CAS NUMBER: 7681-57-4  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970R1YE01VR2Z  
Reported Year: 2009  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970R1ZM01YSA4  
Chemical Name: Sodium Hexametaphosphate  
CAS NUMBER: 10124-56-8  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chemical ID: CVTR200970R1ZM01YSA4  
Reported Year: 2009  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970SZVT001YKV  
Chemical Name: White Mineral Oil  
CAS NUMBER: 8042-47-5  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970SZVT001YKV  
Reported Year: 2009  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970SZVT001YKV  
Reported Year: 2009  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Last Modified: 2/18/2010  
  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970SZVT001YKV  
Reported Year: 2009  
Location: Battery Manufacturing (DR3)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR200970TCV3002RKQ  
Chemical Name: Lead Acid Batteries  
CAS NUMBER: Not reported  
EHS Chemical: True  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970TCV3002RKQ  
Reported Year: 2009  
Location: Water Tower Pump House  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970TCV3002RKQ  
Reported Year: 2009  
Location: Battery Charging Area  
Amount: Not reported  
Amount Unit: pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR200970TCV3002RKQ  
Reported Year: 2009  
Location: Lift Trucks  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chemical Mixture:  
Reported Year: 2009  
Chemical Mix: Sulfuric Acid  
Percentage: Not reported  
MiX CAS: 7664-93-9  
MiX EHS: T  
Weight Volume: Not reported  
MiX Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR2009713WP7003D0B  
Chemical Name: Sulfonated Styrene/Maleic Anhydride Copolymer  
CAS NUMBER: 68037-40-1  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR2009713WP7003D0B  
Reported Year: 2009  
Location: Boiler House  
Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR2009713WR800558L  
Chemical Name: Aminotris (Methylenephosphonic Acid), Pentasodium Salt  
CAS NUMBER: 2235-43-0  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR2009713WR800558L  
Reported Year: 2009  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:

Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR2009714GQ9001V4B  
Chemical Name: Acetylene  
CAS NUMBER: 74-86-2  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chronic: True  
Acute: True  
Fire: True  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: True  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR2009714GQ9001V4B  
Reported Year: 2009  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQQ  
Chem Inv Record ID: CVTR2009714JBV005QP6  
Chemical Name: Air, Compressed  
CAS NUMBER: Not reported  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: True  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQQ  
Chemical ID: CVTR2009714JBV005QP6  
Reported Year: 2009  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010  
  
Facility ID: FATR200970QSAT002AQG  
Chemical ID: CVTR2009714JBV005QP6  
Reported Year: 2009  
Location: Battery Manufacturing (Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQG  
Chemical ID: CVTR2009714JBV005QP6  
Reported Year: 2009  
Location: Recovery #2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200970QSAT002AQG  
Chem Inv Record ID: CVTR200970QTRU001RCL  
Chemical Name: Chlorodifluoromethane  
CAS NUMBER: 75-45-6  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 2/18/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: True  
Liquid: True  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200970QSAT002AQG  
Chemical ID: CVTR200970QTRU001RCL  
Reported Year: 2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Location: Battery Manufacturing (Dry Rooms)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQG  
Chemical ID: CVTR200970QTRU001RCL  
Reported Year: 2009  
Location: Roof (AC Units)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Facility ID: FATR200970QSAT002AQG  
Chemical ID: CVTR200970QTRU001RCL  
Reported Year: 2009  
Location: Building 2 (Air Dryer and Chiller)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/18/2010

Contact:  
Reported Year: 2009  
Contact EMail: JeanM.Bonko@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Owner / Operator  
Contact Name/Title: Jean Bonko Plant Manager  
Contact Last Modified: 2/18/2010

Contact:  
Reported Year: 2009  
Contact EMail: Christopher.Kinnick@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Regulatory Point of Contact  
Contact Name/Title: Christopher Kinnick Environmental and Health Coordinator  
Contact Last Modified: 2/18/2010

Contact:  
Reported Year: 2009  
Contact EMail: JohnF.Varney@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Contact Type: Emergency Contact  
Contact Name/Title: John Varney Safety and Health Coordinator  
Contact Last Modified: 2/18/2010

Chem Inventory:  
Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F3E0049XYB  
Chemical Name: CHLORODIFLUOROMETHANE  
CAS NUMBER: 75-45-6  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: True  
Liquid: True  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3E0049XYB  
Reported Year: 2008  
Location: Battery Manufacturing DR1  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Greater than ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3E0049XYB  
Reported Year: 2008  
Location: Battery Manufacturing DR3  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Greater than ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3E0049XYB  
Reported Year: 2008  
Location: Battery Manufacturing DR2  
Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Greater than ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:  
Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F49L050J9T  
Chemical Name: SODIUM HYDROXIDE  
CAS NUMBER: 1310-73-2  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F49L050J9T  
Reported Year: 2008  
Location: Molding Dept.  
Amount: Not reported  
Amount Unit: pounds  
Type: Carboy  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F49L050J9T  
Reported Year: 2008  
Location: Machine Shop.  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F49L050J9T

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Reported Year: 2008  
Location: Machine Shop.  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:  
Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F3YW04Q9Z7  
Chemical Name: LUBRICATING OIL  
CAS NUMBER: Not reported  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: T

Chemical Location:  
Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3YW04Q9Z7  
Reported Year: 2008  
Location: Misc Equipment.  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3YW04Q9Z7  
Reported Year: 2008  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chem Inventory:

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F4GK058KTV  
Chemical Name: TRICHLORETHYLENE  
CAS NUMBER: 79-01-6  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F4GK058KTV  
Reported Year: 2008  
Location: Mix Room.  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F4GK058KTV  
Reported Year: 2008  
Location: Battery Manufacturing.  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR20086EAL7Y01QAPA  
Chemical Name: White Mineral Oil.  
CAS NUMBER: 8042-47-5  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR20086EAL7Y01QAPA  
Reported Year: 2008  
Location: Oil Shed.  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR20086EAL7Y01QAPA  
Reported Year: 2008  
Location: Battery Manufacturing.  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F3W604MXJU  
Chemical Name: LITHIUM METAL  
CAS NUMBER: 7439-93-2  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: True  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3W604MXJU  
Reported Year: 2008  
Location: Battery Manufacturing (Storage)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3W604MXJU  
Reported Year: 2008  
Location: Battery Manufacturing (Dry Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F3M404F3W7  
Chemical Name: DIOXOLANE  
CAS NUMBER: 646-06-0  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Trade Secret: Not reported  
Chemical Location:  
Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3M404F3W7  
Reported Year: 2008  
Location: Battery Manufacturing  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:  
Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F4CV054C94  
Chemical Name: SULFURIC ACID  
CAS NUMBER: 7664-93-9  
EHS Chemical: True  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F4CV054C94  
Reported Year: 2008  
Location: Boiler House.  
Amount: Not reported  
Amount Unit: pounds  
Type: Carboy  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F4CV054C94  
Reported Year: 2008  
Location: Waste Water Treatment.  
Amount: Not reported  
Amount Unit: pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Type: Carboy  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F4CV054C94  
Reported Year: 2008  
Location: Lift Trucks.  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F3RB04KRMG  
Chemical Name: IRON PYRITE  
CAS NUMBER: 1309-36-0  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: Not reported  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3RB04KRMG  
Reported Year: 2008  
Location: Not reported  
Amount: Not reported  
Amount Unit: pounds  
Type: Not reported  
Pressure: Not reported  
Temperature: Not reported  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3RB04KRMG  
Reported Year: 2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Location: Battery Manufacturing  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F3HV04D9MP  
Chemical Name: DIMETHOXYETHANE  
CAS NUMBER: 110-71-4  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3HV04D9MP  
Reported Year: 2008  
Location: Battery Manufacturing  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F47H04YR3C  
Chemical Name: OXYGEN, [COMPRESSED]  
CAS NUMBER: 7782-44-7  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F47H04YR3C  
Reported Year: 2008  
Location: Machine Shop.  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:  
Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F3AF045VQ7  
Chemical Name: FUEL OIL, [NO. 2]  
CAS NUMBER: 68476-30-2  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3AF045VQ7  
Reported Year: 2008  
Location: Fuel Oil Storage Area.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Amount: Not reported  
Amount Unit: pounds  
Type: Above ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F3CD047JFX  
Chemical Name: ARGON, COMPRESSED  
CAS NUMBER: 7440-37-1  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3CD047JFX  
Reported Year: 2008  
Location: Battery Manufacturing area.  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F44H04V4PD  
Chemical Name: NITROGEN, COMPRESSED  
CAS NUMBER: 7727-37-9  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

**Chemical Location:**

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F44H04V4PD  
Reported Year: 2008  
Location: Machine Shop.  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F44H04V4PD  
Reported Year: 2008  
Location: Molding Area.  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

**Chem Inventory:**

Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F42J04TERR  
Chemical Name: MINERAL SPIRITS  
CAS NUMBER: 64741-41-9  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F42J04TERR  
Reported Year: 2008  
Location: Machine Shop.  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Chem Inventory:  
Facility ID: FATR200855F2U703NTNJ  
Chem Inv Record ID: CVTR200855F3P404HU91  
Chemical Name: HELIUM, COMPRESSED  
CAS NUMBER: 7440-59-7  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/30/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200855F2U703NTNJ  
Chemical ID: CVTR200855F3P404HU91  
Reported Year: 2008  
Location: Battery Manufacturing  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/30/2009

Contact:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S106751766**

Reported Year: 2009  
Contact EMail: JeanM.Bonko@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Owner / Operator  
Contact Name/Title: Jean Bonko Plant Manager  
Contact Last Modified: 2/18/2010

Contact:  
Reported Year: 2009  
Contact EMail: Christopher.Kinnick@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Regulatory Point of Contact  
Contact Name/Title: Christopher Kinnick Environmental and Health Coordinator  
Contact Last Modified: 2/18/2010

Contact:  
Reported Year: 2009  
Contact EMail: JohnF.Varney@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Name/Title: John Varney Safety and Health Coordinator  
Contact Last Modified: 2/18/2010

**A5  
Target  
Property**

**ENERGIZER BATTERY MFG.  
75 SWANTON ROAD  
SAINT ALBANS, VT 05478**

**NY MANIFEST 1000335372  
US AIRS N/A**

**Site 5 of 10 in cluster A**

**Actual:  
442 ft.**

NY MANIFEST:  
EPA ID: VTD002065654  
Country: USA

Mailing Info:  
Name: UNION CARBIDE  
Contact: DRUM NH QC MANAGER  
Address: PO BOX 671  
City/State/Zip: ST ALBANS, VT 05478  
Country: USA  
Phone: 802-524-2151

Manifest:  
Document ID: NYG2908656  
Manifest Status: Not reported  
Trans1 State ID: AB62852NY  
Trans2 State ID: Not reported  
Generator Ship Date: 02/22/2002  
Trans1 Recv Date: 02/22/2002  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 02/25/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 02698  
Units: P - Pounds  
Number of Containers: 009  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2002

Document ID: NYG2908665  
Manifest Status: Not reported  
Trans1 State ID: AD76231NY  
Trans2 State ID: Not reported  
Generator Ship Date: 04/22/2002  
Trans1 Recv Date: 04/22/2002  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 04/29/2002  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 02208  
Units: P - Pounds  
Number of Containers: 007  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2002

Document ID: NYG2908674  
Manifest Status: Not reported  
Trans1 State ID: AD76231NY  
Trans2 State ID: Not reported  
Generator Ship Date: 07/08/2002  
Trans1 Recv Date: 07/08/2002  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 07/12/2002  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 04200  
Units: P - Pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Number of Containers: 013  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 2002

Document ID: NYB1571913  
Manifest Status: Not reported  
Trans1 State ID: 71072NNY  
Trans2 State ID: Not reported  
Generator Ship Date: 03/01/1999  
Trans1 Recv Date: 03/01/1999  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 03/08/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 01411  
Units: P - Pounds  
Number of Containers: 005  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1999

Document ID: NYB1571922  
Manifest Status: Not reported  
Trans1 State ID: 80346VNY  
Trans2 State ID: Not reported  
Generator Ship Date: 04/05/1999  
Trans1 Recv Date: 04/05/1999  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 04/12/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 01248  
Units: P - Pounds  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1999

Document ID: NYB1571931  
Manifest Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Trans1 State ID: 71072NNY  
Trans2 State ID: Not reported  
Generator Ship Date: 06/15/1999  
Trans1 Recv Date: 06/15/1999  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 06/23/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 02649  
Units: P - Pounds  
Number of Containers: 009  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1999

Document ID: NYB1571940  
Manifest Status: Not reported  
Trans1 State ID: 80346VNY  
Trans2 State ID: Not reported  
Generator Ship Date: 08/23/1999  
Trans1 Recv Date: 08/23/1999  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 09/01/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 02926  
Units: P - Pounds  
Number of Containers: 010  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1999

Document ID: NYB1571958  
Manifest Status: Not reported  
Trans1 State ID: 80347VNY  
Trans2 State ID: Not reported  
Generator Ship Date: 11/01/1999  
Trans1 Recv Date: 11/01/1999  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 11/08/1999  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSDF ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 03297  
Units: P - Pounds  
Number of Containers: 011  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1999

Document ID: NYB7802883  
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC  
Trans1 State ID: PD9796  
Trans2 State ID: Not reported  
Generator Ship Date: 02/20/1996  
Trans1 Recv Date: 02/20/1996  
Trans2 Recv Date: / /  
TSD Site Recv Date: 03/06/1996  
Part A Recv Date: 02/28/1996  
Part B Recv Date: 03/19/1996  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSDF ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 01685  
Units: P - Pounds  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 1996

Document ID: NYB7802892  
Manifest Status: Completed copy  
Trans1 State ID: NY11278P  
Trans2 State ID: Not reported  
Generator Ship Date: 08/20/1996  
Trans1 Recv Date: 08/20/1996  
Trans2 Recv Date: / /  
TSD Site Recv Date: 08/23/1996  
Part A Recv Date: 08/30/1996  
Part B Recv Date: 09/13/1996  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSDF ID: NYD000632372  
Waste Code: D005 - BARIUM 100.0 MG/L TCLP  
Quantity: 00915  
Units: P - Pounds  
Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Specific Gravity: 100  
Year: 1996

Document ID: NYB8497899  
Manifest Status: Not reported  
Trans1 State ID: 45347CNY  
Trans2 State ID: Not reported  
Generator Ship Date: 03/17/1998  
Trans1 Recv Date: 03/17/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 03/26/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYR000045724  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 03071  
Units: P - Pounds  
Number of Containers: 011  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1998

Document ID: NYB8497908  
Manifest Status: Not reported  
Trans1 State ID: 80347VNY  
Trans2 State ID: Not reported  
Generator Ship Date: 04/20/1998  
Trans1 Recv Date: 04/20/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 04/28/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 01125  
Units: P - Pounds  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1998

Document ID: NYB8497917  
Manifest Status: Not reported  
Trans1 State ID: 80346VNY  
Trans2 State ID: Not reported  
Generator Ship Date: 06/02/1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Trans1 Recv Date: 06/02/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 06/03/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 01077  
Units: P - Pounds  
Number of Containers: 004  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1998

Document ID: NYB1571886  
Manifest Status: Not reported  
Trans1 State ID: 71072NNY  
Trans2 State ID: Not reported  
Generator Ship Date: 08/03/1998  
Trans1 Recv Date: 08/03/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 08/10/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 00527  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1998

Document ID: NYB1571895  
Manifest Status: Not reported  
Trans1 State ID: 71070NNY  
Trans2 State ID: Not reported  
Generator Ship Date: 10/14/1998  
Trans1 Recv Date: 10/14/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 10/22/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 01798  
Units: P - Pounds  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1998

Document ID: NYB1571904  
Manifest Status: Not reported  
Trans1 State ID: 98115FNY  
Trans2 State ID: Not reported  
Generator Ship Date: 12/15/1998  
Trans1 Recv Date: 12/15/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 12/21/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 01655  
Units: P - Pounds  
Number of Containers: 006  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1998

Document ID: NYB1571985  
Manifest Status: Not reported  
Trans1 State ID: 71070NNY  
Trans2 State ID: Not reported  
Generator Ship Date: 07/02/1998  
Trans1 Recv Date: 07/02/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 07/09/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 00555  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Document ID: NYB1004103  
Manifest Status: Completed copy  
Trans1 State ID: 75074B(NY)  
Trans2 State ID: Not reported  
Generator Ship Date: 12/07/1989  
Trans1 Recv Date: 12/07/1989  
Trans2 Recv Date: / /  
TSD Site Recv Date: 12/11/1989  
Part A Recv Date: 12/19/1989  
Part B Recv Date: 12/20/1989  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 00653  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 1989

Document ID: NYB7315371  
Manifest Status: Not reported  
Trans1 State ID: 80347VNY  
Trans2 State ID: Not reported  
Generator Ship Date: 01/09/1998  
Trans1 Recv Date: 01/09/1998  
Trans2 Recv Date: Not reported  
TSD Site Recv Date: 01/12/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD982792814  
Trans2 EPA ID: Not reported  
TSD ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 02252  
Units: P - Pounds  
Number of Containers: 009  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 01.00  
Year: 1998

Document ID: NYB4163139  
Manifest Status: Completed copy  
Trans1 State ID: 10222PNY  
Trans2 State ID: Not reported  
Generator Ship Date: 03/15/1995  
Trans1 Recv Date: 03/15/1995  
Trans2 Recv Date: / /  
TSD Site Recv Date: 03/22/1995  
Part A Recv Date: 03/23/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Part B Recv Date: 04/04/1995  
Generator EPA ID: VTD002065654  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSDf ID: NYD000632372  
Waste Code: D003 - NON-LISTED REACTIVE WASTES  
Quantity: 00624  
Units: P - Pounds  
Number of Containers: 002  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 1995

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110000314874  
Plant name: ENERGIZER BATTERY MFG.  
Plant address: 75 SWANTON ROAD  
SAINT ALBANS, VT 05478  
County: FRANKLIN  
Region code: 01  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 159  
Sic code: 3692  
Sic code desc: PRIMARY BATTERIES, DRY AND WET  
North Am. industrial classf: 335912  
NAIC code description: Primary Battery Manufacturing  
Default compliance status: IN COMPLIANCE - INSPECTION  
Default classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS  
IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE  
REGULATIONS OR LIMITATIONS.  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR  
LOCAL GOVERNMENT  
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE  
National action type: STATE CONDUCTED FCE / ON-SITE  
Date achieved: 020404  
Penalty amount: 000000000  
Air program: SIP SOURCE  
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST  
Date achieved: 020905  
Penalty amount: Not reported  
Air program: SIP SOURCE  
National action type: STATE CONDUCTED FCE / ON-SITE  
Date achieved: 030206  
Penalty amount: Not reported  
Air program: SIP SOURCE  
National action type: STATE CONDUCTED FCE / ON-SITE  
Date achieved: 031014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	041116
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	060412
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved:	060919
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	080408
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	090331
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	100226
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110804
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	120517
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	121212
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	970114
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER
Date achieved:	980612
Penalty amount:	000000000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MFG. (Continued)**

**1000335372**

Air program: SIP SOURCE  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 990126  
Penalty amount: 000000000

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1004  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1101  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1102  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1103  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1104  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1201  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1202  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1203  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1204  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1301  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - SOURCE TEST  
Hist compliance date: 1302  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1303  
Air prog code hist file: SIP SOURCE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A6  
Target  
Property

**ENERGIZER BATTERY MANUFACTURING INC**  
**75 SWANTON ROAD**  
**ST. ALBANS, VT**

**VT AST** **A100326531**  
**N/A**

**Site 6 of 10 in cluster A**

**Actual:**  
**442 ft.**

AST:  
Facility Id: FATR201170QSAT002AQQ  
Facility Country: USA  
Failed Validation: Not reported  
Report Year: 2011  
Facility Notes: Not reported

Chemical:  
Chem Inv Record ID: CVTR201170QTFV00M3YY  
Report Year: 2011  
CAS NUMBER: 7440-37-1  
State Label Code: VT2011  
Entered Chemical Name: Argon, Compressed  
Chem Same As Last Yr: AST  
Acute: AST  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: AST  
EHS Chemical: Not reported  
Fire: AST  
Gas: True  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:  
Chem Inv Record ID: CVTR201170QTRU001RCL  
Report Year: 2011  
CAS NUMBER: 75-45-6  
State Label Code: VT2011  
Entered Chemical Name: Chlorodifluoromethane  
Chem Same As Last Yr: AST  
Acute: AST  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: AST  
EHS Chemical: Not reported  
Fire: AST  
Gas: True  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 04

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QTYB005C7K  
Report Year: 2011  
CAS NUMBER: 110-71-4  
State Label Code: VT2011  
Entered Chemical Name: Dimethoxyethane  
Chem Same As Last Yr: AST  
Acute: AST  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: AST  
EHS Chemical: Not reported  
Fire: AST  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QU8D0092GM  
Report Year: 2011  
CAS NUMBER: 646-06-0  
State Label Code: VT2011  
Entered Chemical Name: Dioxolane  
Chem Same As Last Yr: AST  
Acute: AST  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: AST  
EHS Chemical: Not reported  
Fire: AST  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QUC100D794  
Report Year: 2011  
CAS NUMBER: 68476-30-2  
State Label Code: VT2011  
Entered Chemical Name: Fuel Oil, [No.2]  
Chem Same As Last Yr: AST  
Acute: AST  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: AST  
EHS Chemical: Not reported  
Fire: AST  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Location: Fuel Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Above ground tank  
Temperature: Ambient temperature  
Pressure: Ambient pressure  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201170QUGN00F77U  
Report Year: 2011  
CAS NUMBER: 7440-59-7  
State Label Code: VT2011  
Entered Chemical Name: Helium, Compressed  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QUMJ00HF6L  
Report Year: 2011  
CAS NUMBER: 1309-36-0  
State Label Code: VT2011  
Entered Chemical Name: Iron Pyrite  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 05  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 05  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QUW600MXAA  
Report Year: 2011  
CAS NUMBER: 7439-93-2  
State Label Code: VT2011  
Entered Chemical Name: Lithium  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QV0300Q9TP  
Report Year: 2011  
CAS NUMBER: Not reported  
State Label Code: VT2011  
Entered Chemical Name: Lubricating Oil  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QV3800T0R5  
Report Year: 2011  
CAS NUMBER: 64741-41-9  
State Label Code: VT2011  
Entered Chemical Name: Mineral Spirits  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QV7C00UKTE  
Report Year: 2011  
CAS NUMBER: 7727-37-9  
State Label Code: VT2011  
Entered Chemical Name: Nitrogen, Compressed  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QVKU010CVN  
Report Year: 2011  
CAS NUMBER: 1310-73-2  
State Label Code: VT2011  
Entered Chemical Name: Sodium Hydroxide  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Pure: Not reported  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QVU9016PNS  
Report Year: 2011  
CAS NUMBER: 7664-93-9  
State Label Code: VT2011  
Entered Chemical Name: Sulfuric Acid  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: T  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Report Year: 2011  
Chemical Id: CVTR201170QVU9016PNS  
MX Chem: Sulfuric Acid  
Percentage: Not reported  
MX CAS: 7664-93-9  
Wt Vol: Not reported  
MX EHS: T  
MX Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201170QW0301BR04  
Report Year: 2011  
CAS NUMBER: 79-01-6  
State Label Code: VT2011  
Entered Chemical Name: Trichloroethylene  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 05  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported

Map ID  
Direction  
Distance  
Elevation

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**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 05  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QW7T01JECC  
Report Year: 2011  
CAS NUMBER: 1333-86-4  
State Label Code: VT2011  
Entered Chemical Name: Carbon Black  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QW8R01L7Q2  
Report Year: 2011  
CAS NUMBER: 112945-52-5  
State Label Code: VT2011  
Entered Chemical Name: Amorphous Fumed Silica  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported



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**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170QW9L01NYTX  
Report Year: 2011  
CAS NUMBER: 7782-42-5  
State Label Code: VT2011  
Entered Chemical Name: Graphite  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170R1X601SNT2  
Report Year: 2011  
CAS NUMBER: 106-88-7  
State Label Code: VT2011  
Entered Chemical Name: Butylene Oxide  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02

Map ID  
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EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170R1XC01TTLN  
Report Year: 2011  
CAS NUMBER: 141-78-6  
State Label Code: VT2011  
Entered Chemical Name: Ethyl Acetate  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170R1YE01VR2Z  
Report Year: 2011  
CAS NUMBER: 7681-57-4  
State Label Code: VT2011  
Entered Chemical Name: Sodium Metabisulfite  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported

Map ID  
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EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170R1ZM01YSA4  
Report Year: 2011  
CAS NUMBER: 10124-56-8  
State Label Code: VT2011  
Entered Chemical Name: Sodium Hexametaphosphate  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170SZVT001YKV  
Report Year: 2011  
CAS NUMBER: 8042-47-5  
State Label Code: VT2011  
Entered Chemical Name: White Mineral Oil  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR201170TCV3002RKQ  
Report Year: 2011  
CAS NUMBER: Not reported  
State Label Code: VT2011  
Entered Chemical Name: Lead Acid Batteries  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: T  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Report Year: 2011  
Chemical Id: CVTR201170TCV3002RKQ  
MX Chem: Sulfuric Acid  
Percentage: Not reported  
MX CAS: 7664-93-9  
Wt Vol: Not reported  
MX EHS: T  
MX Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR2011713WP7003D0B  
Report Year: 2011  
CAS NUMBER: 68037-40-1  
State Label Code: VT2011  
Entered Chemical Name: Sulfonated Styrene/Maleic Anhydride Copolymer  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR2011713WR800558L  
Report Year: 2011  
CAS NUMBER: 2235-43-0  
State Label Code: VT2011  
Entered Chemical Name: Aminotris (Methylenephosphonic Acid), Pentasodium Salt  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 01  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR2011714GQ9001V4B  
Report Year: 2011  
CAS NUMBER: 74-86-2  
State Label Code: VT2011  
Entered Chemical Name: Acetylene  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 02

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: True  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Chemical:

Chem Inv Record ID: CVTR2011714JBV005QP6  
Report Year: 2011  
CAS NUMBER: 25635-88-5  
State Label Code: VT2011  
Entered Chemical Name: AIR, COMPRESSED  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/15/2012

Facility Id: FATR200855F2U703NTNJ  
Facility Country: USA  
Failed Validation: Not reported  
Report Year: 2008  
Facility Notes: Not reported

Chemical:

Chem Inv Record ID: CVTR200855F3RB04KRMG  
Report Year: 2008  
CAS NUMBER: 1309-36-0  
State Label Code: VT2008  
Entered Chemical Name: IRON PYRITE  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 05  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure

Map ID  
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Elevation

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EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Gas: Not reported  
Liquid: Not reported  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 05  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F3E0049XYB  
Report Year: 2008  
CAS NUMBER: 75-45-6  
State Label Code: VT2008  
Entered Chemical Name: CHLORODIFLUOROMETHANE  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F4CV054C94  
Report Year: 2008  
CAS NUMBER: 7664-93-9  
State Label Code: VT2008  
Entered Chemical Name: SULFURIC ACID  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: T  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True

Map ID  
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**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR20086EAL7Y01QAPA  
Report Year: 2008  
CAS NUMBER: 8042-47-5  
State Label Code: VT2008  
Entered Chemical Name: White Mineral Oil.  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F3CD047JFX  
Report Year: 2008  
CAS NUMBER: 7440-37-1  
State Label Code: VT2008  
Entered Chemical Name: ARGON, COMPRESSED  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported



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**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F3HV04D9MP  
Report Year: 2008  
CAS NUMBER: 110-71-4  
State Label Code: VT2008  
Entered Chemical Name: DIMETHOXYETHANE  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F3W604MXJU  
Report Year: 2008  
CAS NUMBER: 7439-93-2  
State Label Code: VT2008  
Entered Chemical Name: LITHIUM METAL  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported

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Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F3YW04Q9Z7  
Report Year: 2008  
CAS NUMBER: Not reported  
State Label Code: VT2008  
Entered Chemical Name: LUBRICATING OIL  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: T  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F44H04V4PD  
Report Year: 2008  
CAS NUMBER: 7727-37-9  
State Label Code: VT2008  
Entered Chemical Name: NITROGEN, COMPRESSED  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F3AF045VQ7  
Report Year: 2008  
CAS NUMBER: 68476-30-2  
State Label Code: VT2008  
Entered Chemical Name: FUEL OIL, [NO. 2]  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Location: Fuel Oil Storage Area.  
Amount: Not reported  
Amount Unit: pounds  
Type: Above ground tank  
Temperature: Ambient temperature  
Pressure: Ambient pressure  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F42J04TERR  
Report Year: 2008  
CAS NUMBER: 64741-41-9  
State Label Code: VT2008  
Entered Chemical Name: MINERAL SPIRITS  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F4GK058KTV  
Report Year: 2008  
CAS NUMBER: 79-01-6  
State Label Code: VT2008  
Entered Chemical Name: TRICHLORETHYLENE  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F47H04YR3C  
Report Year: 2008  
CAS NUMBER: 7782-44-7  
State Label Code: VT2008  
Entered Chemical Name: OXYGEN, [COMPRESSED]  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F3M404F3W7  
Report Year: 2008  
CAS NUMBER: 646-06-0  
State Label Code: VT2008  
Entered Chemical Name: DIOXOLANE  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F3P404HU91  
Report Year: 2008  
CAS NUMBER: 7440-59-7  
State Label Code: VT2008  
Entered Chemical Name: HELIUM, COMPRESSED  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Chemical:

Chem Inv Record ID: CVTR200855F49L050J9T  
Report Year: 2008  
CAS NUMBER: 1310-73-2  
State Label Code: VT2008  
Entered Chemical Name: SODIUM HYDROXIDE  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 3/30/2009

Facility Id: FATR200970QSAT002AQQ  
Facility Country: USA  
Failed Validation: Not reported  
Report Year: 2009  
Facility Notes: Not reported

Chemical:

Chem Inv Record ID: CVTR200970R1ZM01YSA4  
Report Year: 2009  
CAS NUMBER: 10124-56-8  
State Label Code: VT2009  
Entered Chemical Name: Sodium Hexametaphosphate  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970SZVT001YKV  
Report Year: 2009  
CAS NUMBER: 8042-47-5  
State Label Code: VT2009  
Entered Chemical Name: White Mineral Oil  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970TCV3002RKQ  
Report Year: 2009  
CAS NUMBER: Not reported  
State Label Code: VT2009  
Entered Chemical Name: Lead Acid Batteries  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: T  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Report Year: 2009  
Chemical Id: CVTR200970TCV3002RKQ  
MX Chem: Sulfuric Acid  
Percentage: Not reported  
MX CAS: 7664-93-9  
Wt Vol: Not reported  
MX EHS: T  
MX Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR2009713WP7003D0B  
Report Year: 2009  
CAS NUMBER: 68037-40-1  
State Label Code: VT2009  
Entered Chemical Name: Sulfonated Styrene/Maleic Anhydride Copolymer  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR2009713WR800558L  
Report Year: 2009  
CAS NUMBER: 2235-43-0  
State Label Code: VT2009  
Entered Chemical Name: Aminotris (Methylenephosphonic Acid), Pentasodium Salt  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 01



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR2009714GQ9001V4B  
Report Year: 2009  
CAS NUMBER: 74-86-2  
State Label Code: VT2009  
Entered Chemical Name: Acetylene  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: True  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR2009714JBV005QP6  
Report Year: 2009  
CAS NUMBER: Not reported  
State Label Code: VT2009  
Entered Chemical Name: Air, Compressed  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200971AEVX003RKG  
Report Year: 2009  
CAS NUMBER: 78-93-3  
State Label Code: VT2009  
Entered Chemical Name: Methyl Ethyl Ketone  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QTFV00M3YY  
Report Year: 2009  
CAS NUMBER: 7440-37-1  
State Label Code: VT2009  
Entered Chemical Name: Argon, Compressed  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QTRU001RCL  
Report Year: 2009  
CAS NUMBER: 75-45-6  
State Label Code: VT2009  
Entered Chemical Name: Chlorodifluoromethane  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QTYB005C7K  
Report Year: 2009  
CAS NUMBER: 110-71-4  
State Label Code: VT2009  
Entered Chemical Name: Dimethoxyethane  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QU8D0092GM  
Report Year: 2009  
CAS NUMBER: 646-06-0  
State Label Code: VT2009  
Entered Chemical Name: Dioxolane  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QUC100D794  
Report Year: 2009  
CAS NUMBER: 68476-30-2  
State Label Code: VT2009  
Entered Chemical Name: Fuel Oil, [No.2]  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 04

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Location: Fuel Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Above ground tank  
Temperature: Ambient temperature  
Pressure: Ambient pressure  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QUGN00F77U  
Report Year: 2009  
CAS NUMBER: 7440-59-7  
State Label Code: VT2009  
Entered Chemical Name: Helium, Compressed  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QUMJ00HF6L  
Report Year: 2009  
CAS NUMBER: 1309-36-0  
State Label Code: VT2009  
Entered Chemical Name: Iron Pyrite  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 05  
Chronic: Ambient pressure  
EHS Chemical: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 05  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QUW600MXAA  
Report Year: 2009  
CAS NUMBER: 7439-93-2  
State Label Code: VT2009  
Entered Chemical Name: Lithium  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QV0300Q9TP  
Report Year: 2009  
CAS NUMBER: Not reported  
State Label Code: VT2009  
Entered Chemical Name: Lubricating Oil  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QV3800TOR5  
Report Year: 2009  
CAS NUMBER: 64741-41-9  
State Label Code: VT2009  
Entered Chemical Name: Mineral Spirits  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QV7C00UKTE  
Report Year: 2009  
CAS NUMBER: 7727-37-9  
State Label Code: VT2009  
Entered Chemical Name: Nitrogen, Compressed  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: True

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QVKU010CVN  
Report Year: 2009  
CAS NUMBER: 1310-73-2  
State Label Code: VT2009  
Entered Chemical Name: Sodium Hydroxide  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QVU9016PNS  
Report Year: 2009  
CAS NUMBER: 7664-93-9  
State Label Code: VT2009  
Entered Chemical Name: Sulfuric Acid  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: T  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Report Year: 2009  
Chemical Id: CVTR200970QVU9016PNS  
MX Chem: Sulfuric Acid  
Percentage: Not reported  
MX CAS: 7664-93-9  
Wt Vol: Not reported  
MX EHS: T  
MX Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QW0301BR04  
Report Year: 2009  
CAS NUMBER: 79-01-6  
State Label Code: VT2009  
Entered Chemical Name: Trichloroethylene  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QW7T01JECC  
Report Year: 2009  
CAS NUMBER: 1333-86-4  
State Label Code: VT2009  
Entered Chemical Name: Carbon Black  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QW8R01L7Q2  
Report Year: 2009  
CAS NUMBER: 112945-52-5  
State Label Code: VT2009  
Entered Chemical Name: Amorphous Fumed Silica  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970QW9L01NYTX  
Report Year: 2009  
CAS NUMBER: 7782-42-5  
State Label Code: VT2009  
Entered Chemical Name: Graphite  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970R1X601SNT2  
Report Year: 2009  
CAS NUMBER: 106-88-7  
State Label Code: VT2009  
Entered Chemical Name: Butylene Oxide  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970R1XC01TTLN  
Report Year: 2009  
CAS NUMBER: 141-78-6  
State Label Code: VT2009  
Entered Chemical Name: Ethyl Acetate  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Chemical:

Chem Inv Record ID: CVTR200970R1YE01VR2Z  
Report Year: 2009  
CAS NUMBER: 7681-57-4  
State Label Code: VT2009  
Entered Chemical Name: Sodium Metabisulfite  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/18/2010

Facility Id: FATR201070QSAT002AQQ  
Facility Country: USA  
Failed Validation: Not reported  
Report Year: 2010  
Facility Notes: Not reported

Chemical:

Chem Inv Record ID: CVTR201070QVKU010CVN  
Report Year: 2010  
CAS NUMBER: 1310-73-2  
State Label Code: VT2010  
Entered Chemical Name: Sodium Hydroxide  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QU8D0092GM  
Report Year: 2010  
CAS NUMBER: 646-06-0  
State Label Code: VT2010  
Entered Chemical Name: Dioxolane  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QUGN00F77U  
Report Year: 2010  
CAS NUMBER: 7440-59-7  
State Label Code: VT2010  
Entered Chemical Name: Helium, Compressed  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure

Map ID  
Direction  
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Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR2010714GQ9001V4B  
Report Year: 2010  
CAS NUMBER: 74-86-2  
State Label Code: VT2010  
Entered Chemical Name: Acetylene  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: True  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QUMJ00HF6L  
Report Year: 2010  
CAS NUMBER: 1309-36-0  
State Label Code: VT2010  
Entered Chemical Name: Iron Pyrite  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 05  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported

Map ID  
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Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 05  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QW7T01JECC  
Report Year: 2010  
CAS NUMBER: 1333-86-4  
State Label Code: VT2010  
Entered Chemical Name: Carbon Black  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070SZVT001YKV  
Report Year: 2010  
CAS NUMBER: 8042-47-5  
State Label Code: VT2010  
Entered Chemical Name: White Mineral Oil  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QTFV00M3YY  
Report Year: 2010  
CAS NUMBER: 7440-37-1  
State Label Code: VT2010  
Entered Chemical Name: Argon, Compressed  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QUW600MXAA  
Report Year: 2010  
CAS NUMBER: 7439-93-2  
State Label Code: VT2010  
Entered Chemical Name: Lithium  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070R1YE01VR2Z  
Report Year: 2010  
CAS NUMBER: 7681-57-4  
State Label Code: VT2010  
Entered Chemical Name: Sodium Metabisulfite  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR2010713WP7003D0B  
Report Year: 2010  
CAS NUMBER: 68037-40-1  
State Label Code: VT2010  
Entered Chemical Name: Sulfonated Styrene/Maleic Anhydride Copolymer  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported

Map ID  
Direction  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QUC100D794  
Report Year: 2010  
CAS NUMBER: 68476-30-2  
State Label Code: VT2010  
Entered Chemical Name: Fuel Oil, [No.2]  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Location: Fuel Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Above ground tank  
Temperature: Ambient temperature  
Pressure: Ambient pressure  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QW0301BR04  
Report Year: 2010  
CAS NUMBER: 79-01-6  
State Label Code: VT2010  
Entered Chemical Name: Trichloroethylene  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 05  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Mixture: True  
Max Amount: Not reported  
Max Amount Code: 05  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070R1X601SNT2  
Report Year: 2010  
CAS NUMBER: 106-88-7  
State Label Code: VT2010  
Entered Chemical Name: Butylene Oxide  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070R1XC01TTLN  
Report Year: 2010  
CAS NUMBER: 141-78-6  
State Label Code: VT2010  
Entered Chemical Name: Ethyl Acetate  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070TCV3002RKQ  
Report Year: 2010  
CAS NUMBER: Not reported  
State Label Code: VT2010  
Entered Chemical Name: Lead Acid Batteries  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: T  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Report Year: 2010  
Chemical Id: CVTR201070TCV3002RKQ  
MX Chem: Sulfuric Acid  
Percentage: Not reported  
MX CAS: 7664-93-9  
Wt Vol: Not reported  
MX EHS: T  
MX Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QV0300Q9TP  
Report Year: 2010  
CAS NUMBER: Not reported  
State Label Code: VT2010  
Entered Chemical Name: Lubricating Oil  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
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**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QV3800T0R5  
Report Year: 2010  
CAS NUMBER: 64741-41-9  
State Label Code: VT2010  
Entered Chemical Name: Mineral Spirits  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR2010714JBV005QP6  
Report Year: 2010  
CAS NUMBER: 25635-88-5  
State Label Code: VT2010  
Entered Chemical Name: AIR, COMPRESSED  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Gas: True  
Liquid: Not reported  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QW8R01L7Q2  
Report Year: 2010  
CAS NUMBER: 112945-52-5  
State Label Code: VT2010  
Entered Chemical Name: Amorphous Fumed Silica  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QTRU001RCL  
Report Year: 2010  
CAS NUMBER: 75-45-6  
State Label Code: VT2010  
Entered Chemical Name: Chlorodifluoromethane  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QV7C00UKTE  
Report Year: 2010  
CAS NUMBER: 7727-37-9  
State Label Code: VT2010  
Entered Chemical Name: Nitrogen, Compressed  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: True  
Liquid: Not reported  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QVU9016PNS  
Report Year: 2010  
CAS NUMBER: 7664-93-9  
State Label Code: VT2010  
Entered Chemical Name: Sulfuric Acid  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure  
EHS Chemical: T  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Report Year: 2010  
Chemical Id: CVTR201070QVU9016PNS  
MX Chem: Sulfuric Acid  
Percentage: Not reported  
MX CAS: 7664-93-9  
Wt Vol: Not reported  
MX EHS: T  
MX Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR2010713WR800558L  
Report Year: 2010  
CAS NUMBER: 2235-43-0  
State Label Code: VT2010  
Entered Chemical Name: Aminotris (Methylenephosphonic Acid), Pentasodium Salt  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 01  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QTYB005C7K  
Report Year: 2010  
CAS NUMBER: 110-71-4  
State Label Code: VT2010  
Entered Chemical Name: Dimethoxyethane  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 03  
Chronic: Ambient pressure



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 03  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070R1ZM01YSA4  
Report Year: 2010  
CAS NUMBER: 10124-56-8  
State Label Code: VT2010  
Entered Chemical Name: Sodium Hexametaphosphate  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 02  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure  
Gas: Not reported  
Liquid: True  
Mixture: True  
Max Amount: Not reported  
Max Amount Code: 02  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

Chemical:

Chem Inv Record ID: CVTR201070QW9L01NYTX  
Report Year: 2010  
CAS NUMBER: 7782-42-5  
State Label Code: VT2010  
Entered Chemical Name: Graphite  
Chem Same As Last Yr: Ambient pressure  
Acute: Ambient pressure  
Ave Amount: Not reported  
Ave Amount Code: 04  
Chronic: Ambient pressure  
EHS Chemical: Not reported  
Fire: Ambient pressure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC (Continued)**

**A100326531**

Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Max Amount: Not reported  
Max Amount Code: 04  
Max Amt Container: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
Trade Secret: Not reported  
Days On Site: 365  
Last Modified: 2/22/2011

**A7  
Target  
Property**

**ENERGIZER BATTERY MANUFACTURING INCORPORATED  
75 SWANTON ROAD  
ST. ALBANS, VT 05478**

**VT TIER 2 S107777982  
N/A**

**Site 7 of 10 in cluster A**

**Actual:  
442 ft.**

**TIER 2:**  
Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 920  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 919  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 918  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 3525  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 3524  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 3523  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Chem Same As Last Yr: 3522  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 3521  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 3520  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 3519  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 3518  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 927  
Notes: Not reported  
Validation Report: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 926  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 925  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 924  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 923  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 922  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: EVEREADY BATTERY CO, INC  
Facility Id: FACW15EU001000001181  
Facility Dept: ST ALBANS



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: FRANKLIN  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Not reported  
Chem Same As Last Yr: 921  
Notes: Not reported  
Validation Report: Not reported

Report Year: 2010  
Facility Name: ENERGIZER BATTERY MANUFACTURING INCORPORATED  
Facility Id: FATR201070QSAT002AQQ  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: 4/7/2011  
Fee Total: 2035  
Number Employees: 285  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / -73.0767  
Lat/Long Location Description: CE - Center of Facility  
Lat Long Method: S1 - Classical Surveying  
Submitted By: Jean M. Bonko  
Chem Same As Last Yr: Not reported  
Notes: Not reported  
Validation Report: Not reported

Report Year: 2011  
Facility Name: ENERGIZER BATTERY MANUFACTURING INCORPORATED  
Facility Id: FATR201170QSAT002AQQ  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: 4/11/2012  
Fee Total: 2035  
Number Employees: 285  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / -73.0767  
Lat/Long Location Description: CE - Center of Facility  
Lat Long Method: S1 - Classical Surveying

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Submitted By: Jean M. Bonko/Plant Manager  
Chem Same As Last Yr: Not reported  
Notes: Not reported  
Validation Report: Not reported

Contact:  
Reported Year: 2011  
Contact EMail: JeanM.Bonko@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Owner / Operator  
Contact Name/Title: Jean Bonko Plant Manager  
Contact Last Modified: 2/22/2011

Contact:  
Reported Year: 2011  
Contact EMail: Christopher.Kinnick@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Regulatory Point of Contact  
Contact Name/Title: Christopher Kinnick Environmental and Health Coordinator  
Contact Last Modified: 2/22/2011

Contact:  
Reported Year: 2011  
Contact EMail: JohnF.Varney@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Name/Title: John Varney Safety and Health Coordinator  
Contact Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QUW600MXAA  
Chemical Name: Lithium  
CAS NUMBER: 7439-93-2  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Reactive: True  
Solid: True  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QUW600MXAA  
Reported Year: 2010  
Location: Battery Manufacturing (Storage)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QUW600MXAA  
Reported Year: 2010  
Location: Battery Manufacturing (DR2 & DR3)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR2010714JBV005QP6  
Chemical Name: AIR, COMPRESSED  
CAS NUMBER: 25635-88-5  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: True  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR2010714JBV005QP6  
Reported Year: 2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Location: Battery Manufacturing (Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQG  
Chemical ID: CVTR2010714JBV005QP6  
Reported Year: 2010  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQG  
Chemical ID: CVTR2010714JBV005QP6  
Reported Year: 2010  
Location: Recovery #2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQG  
Chem Inv Record ID: CVTR201070QW0301BR04  
Chemical Name: Trichloroethylene  
CAS NUMBER: 79-01-6  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW0301BR04  
Reported Year: 2010  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW0301BR04  
Reported Year: 2010  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW0301BR04  
Reported Year: 2010  
Location: Battery Manufacturing - Mix Room  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW0301BR04  
Reported Year: 2010  
Location: Battery Manufacturing - Gasket Coating  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QW8R01L7Q2  
Chemical Name: Amorphous Fumed Silica  
CAS NUMBER: 112945-52-5  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW8R01L7Q2  
Reported Year: 2010  
Location: L02 Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW8R01L7Q2  
Reported Year: 2010  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW8R01L7Q2  
Reported Year: 2010  
Location: Battery Manufacturing (North of Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QTYB005C7K  
Chemical Name: Dimethoxyethane  
CAS NUMBER: 110-71-4  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QTYB005C7K  
Reported Year: 2010  
Location: Battery Manufacturing (Storage)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QUC100D794  
Chemical Name: Fuel Oil, [No.2]  
CAS NUMBER: 68476-30-2  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QUC100D794  
Reported Year: 2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Location: Fuel Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Above ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QUGN00F77U  
Chemical Name: Helium, Compressed  
CAS NUMBER: 7440-59-7  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QUGN00F77U  
Reported Year: 2010  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QVU9016PNS  
Chemical Name: Sulfuric Acid  
CAS NUMBER: 7664-93-9  
EHS Chemical: True  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QVU9016PNS  
Reported Year: 2010  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QVU9016PNS  
Reported Year: 2010  
Location: Water Tower Pump House  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QVU9016PNS  
Reported Year: 2010  
Location: Lift Trucks  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QVU9016PNS  
Reported Year: 2010  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QVU9016PNS  
Reported Year: 2010  
Location: Battery Charging Area  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chemical Mixture:

Reported Year: 2010  
Chemical Mix: Sulfuric Acid  
Percentage: Not reported  
MiX CAS: 7664-93-9  
MiX EHS: T  
Weight Volume: Not reported  
MiX Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QTFV00M3YY  
Chemical Name: Argon, Compressed  
CAS NUMBER: 7440-37-1  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: True  
Liquid: True  
Mixture: True  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QTFV00M3YY  
Reported Year: 2010  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Temperature: Ambient temperature  
Last Modified: 2/22/2011  
  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QTFV00M3YY  
Reported Year: 2010  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QTFV00M3YY  
Reported Year: 2010  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Cryogenic conditions  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QTRU001RCL  
Chemical Name: Chlorodifluoromethane  
CAS NUMBER: 75-45-6  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: True  
Liquid: True  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QTRU001RCL  
Reported Year: 2010  
Location: Roof (AC Units)  
Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QTRU001RCL  
Reported Year: 2010  
Location: Battery Manufacturing (Dry Rooms)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QTRU001RCL  
Reported Year: 2010  
Location: Building 2 (Air Dryer and Chiller)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QU8D0092GM  
Chemical Name: Dioxolane  
CAS NUMBER: 646-06-0  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QU8D0092GM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Reported Year: 2010  
Location: Battery Manufacturing (Storage)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QUMJ00HF6L  
Chemical Name: Iron Pyrite  
CAS NUMBER: 1309-36-0  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QUMJ00HF6L  
Reported Year: 2010  
Location: Battery Manufacturing (Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QUMJ00HF6L  
Reported Year: 2010  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QUMJ00HF6L  
Reported Year: 2010  
Location: Battery Manufacturing (North of Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QV0300Q9TP  
Chemical Name: Lubricating Oil  
CAS NUMBER: Not reported  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV0300Q9TP  
Reported Year: 2010  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV0300Q9TP  
Reported Year: 2010  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV0300Q9TP  
Reported Year: 2010  
Location: Misc. Equipment  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV0300Q9TP  
Reported Year: 2010  
Location: MRO  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV0300Q9TP  
Reported Year: 2010  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV0300Q9TP  
Reported Year: 2010  
Location: Building 2 (East of Compressor Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QV3800T0R5  
Chemical Name: Mineral Spirits  
CAS NUMBER: 64741-41-9  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV3800T0R5  
Reported Year: 2010  
Location: Forklift Maintenance  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV3800T0R5  
Reported Year: 2010  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV3800T0R5  
Reported Year: 2010  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV3800T0R5  
Reported Year: 2010  
Location: MRO  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQG  
Chemical ID: CVTR201070QV3800T0R5  
Reported Year: 2010  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQG  
Chem Inv Record ID: CVTR201070QVKU010CVN  
Chemical Name: Sodium Hydroxide  
CAS NUMBER: 1310-73-2  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQG  
Chemical ID: CVTR201070QVKU010CVN  
Reported Year: 2010  
Location: Battery Manufacturing (Recovery #2)  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQG  
Chemical ID: CVTR201070QVKU010CVN  
Reported Year: 2010  
Location: Machine Shop  
Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Amount Unit: pounds  
Type: Fiber drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQG  
Chemical ID: CVTR201070QVKU010CVN  
Reported Year: 2010  
Location: Flashlight Manufacturing  
Amount: Not reported  
Amount Unit: pounds  
Type: Carboy  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQG  
Chemical ID: CVTR201070QVKU010CVN  
Reported Year: 2010  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQG  
Chemical ID: CVTR201070QVKU010CVN  
Reported Year: 2010  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQG  
Chem Inv Record ID: CVTR201070QW7T01JECC  
Chemical Name: Carbon Black  
CAS NUMBER: 1333-86-4  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2010  
Trade Secret: Not reported

**Chemical Location:**

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW7T01JECC  
Reported Year: 2010  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW7T01JECC  
Reported Year: 2010  
Location: Battery Manufacturing (Recovery #1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

**Chem Inventory:**

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QW9L01NYTX  
Chemical Name: Graphite  
CAS NUMBER: 7782-42-5  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2010  
Trade Secret: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW9L01NYTX  
Reported Year: 2010  
Location: Battery Manufacturing (Recovery #1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW9L01NYTX  
Reported Year: 2010  
Location: L02 Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QW9L01NYTX  
Reported Year: 2010  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070R1X601SNT2  
Chemical Name: Butylene Oxide  
CAS NUMBER: 106-88-7  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070R1X601SNT2  
Reported Year: 2010  
Location: Battery Manufacturing - Gasket Coating  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070R1X601SNT2  
Reported Year: 2010  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070R1X601SNT2  
Reported Year: 2010  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070R1XC01TTLN  
Chemical Name: Ethyl Acetate  
CAS NUMBER: 141-78-6  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070R1XC01TTLN  
Reported Year: 2010  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070R1XC01TTLN  
Reported Year: 2010  
Location: MRO  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic bottles or jugs  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070R1XC01TTLN  
Reported Year: 2010  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070R1XC01TTLN  
Reported Year: 2010  
Location: Battery Manufacturing - Gasket Coating  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070R1YE01VR2Z  
Chemical Name: Sodium Metabisulfite  
CAS NUMBER: 7681-57-4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070R1YE01VR2Z  
Reported Year: 2010  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070R1ZM01YSA4  
Chemical Name: Sodium Hexametaphosphate  
CAS NUMBER: 10124-56-8  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070R1ZM01YSA4  
Reported Year: 2010  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070SZVT001YKV  
Chemical Name: White Mineral Oil  
CAS NUMBER: 8042-47-5  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070SZVT001YKV  
Reported Year: 2010  
Location: Battery Manufacturing (DR3)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070SZVT001YKV  
Reported Year: 2010  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070TCV3002RKQ  
Chemical Name: Lead Acid Batteries  
CAS NUMBER: Not reported  
EHS Chemical: True  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070TCV3002RKQ  
Reported Year: 2010  
Location: Battery Charging Area  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070TCV3002RKQ  
Reported Year: 2010  
Location: Water Tower Pump House  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070TCV3002RKQ  
Reported Year: 2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Location: Lift Trucks  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chemical Mixture:  
Reported Year: 2010  
Chemical Mix: Sulfuric Acid  
Percentage: Not reported  
MiX CAS: 7664-93-9  
MiX EHS: T  
Weight Volume: Not reported  
MiX Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR2010713WP7003D0B  
Chemical Name: Sulfonated Styrene/Maleic Anhydride Copolymer  
CAS NUMBER: 68037-40-1  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR2010713WP7003D0B  
Reported Year: 2010  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR2010713WR800558L  
Chemical Name: Aminotris (Methylenephosphonic Acid), Pentasodium Salt  
CAS NUMBER: 2235-43-0  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR2010713WR800558L  
Reported Year: 2010  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR2010714GQ9001V4B  
Chemical Name: Acetylene  
CAS NUMBER: 74-86-2  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Pure: True  
Reactive: True  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR2010714GQ9001V4B  
Reported Year: 2010  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201070QSAT002AQQ  
Chem Inv Record ID: CVTR201070QV7C00UKTE  
Chemical Name: Nitrogen, Compressed  
CAS NUMBER: 7727-37-9  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 2/22/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: True  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV7C00UKTE  
Reported Year: 2010  
Location: Battery Manufacturing (Recovery #2)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201070QSAT002AQQ  
Chemical ID: CVTR201070QV7C00UKTE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Reported Year: 2010  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Contact:

Reported Year: 2011  
Contact EMail: JeanM.Bonko@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Owner / Operator  
Contact Name/Title: Jean Bonko Plant Manager  
Contact Last Modified: 2/22/2011

Contact:

Reported Year: 2011  
Contact EMail: Christopher.Kinnick@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Regulatory Point of Contact  
Contact Name/Title: Christopher Kinnick Environmental and Health Coordinator  
Contact Last Modified: 2/22/2011

Contact:

Reported Year: 2011  
Contact EMail: JohnF.Varney@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Name/Title: John Varney Safety and Health Coordinator  
Contact Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QTFV00M3YY  
Chemical Name: Argon, Compressed  
CAS NUMBER: 7440-37-1  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Liquid: True  
Mixture: True  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

**Chemical Location:**

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QTFV00M3YY  
Reported Year: 2011  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QTFV00M3YY  
Reported Year: 2011  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Cryogenic conditions  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QTFV00M3YY  
Reported Year: 2011  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

**Chem Inventory:**

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR2011714JBV005QP6  
Chemical Name: AIR, COMPRESSED  
CAS NUMBER: 25635-88-5  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: True  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR2011714JBV005QP6  
Reported Year: 2011  
Location: Recovery #2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR2011714JBV005QP6  
Reported Year: 2011  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR2011714JBV005QP6  
Reported Year: 2011  
Location: Battery Manufacturing (Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QTYB005C7K  
Chemical Name: Dimethoxyethane  
CAS NUMBER: 110-71-4  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QTYB005C7K  
Reported Year: 2011  
Location: Battery Manufacturing (Storage)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QU8D0092GM  
Chemical Name: Dioxolane  
CAS NUMBER: 646-06-0  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QU8D0092GM  
Reported Year: 2011  
Location: Battery Manufacturing (Storage)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QUC100D794  
Chemical Name: Fuel Oil, [No.2]  
CAS NUMBER: 68476-30-2  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QUC100D794  
Reported Year: 2011  
Location: Fuel Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Above ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QUGN00F77U  
Chemical Name: Helium, Compressed  
CAS NUMBER: 7440-59-7  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QUGN00F77U  
Reported Year: 2011  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QUMJ00HF6L  
Chemical Name: Iron Pyrite  
CAS NUMBER: 1309-36-0  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QUMJ00HF6L  
Reported Year: 2011  
Location: Battery Manufacturing (North of Mix Room)  
Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QUMJ00HF6L  
Reported Year: 2011  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QUMJ00HF6L  
Reported Year: 2011  
Location: Battery Manufacturing (Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QUW600MXAA  
Chemical Name: Lithium  
CAS NUMBER: 7439-93-2  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: True  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QUW600MXAA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Reported Year: 2011  
Location: Battery Manufacturing (Storage)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QUW600MXAA  
Reported Year: 2011  
Location: Battery Manufacturing (DR2 & DR3)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QV0300Q9TP  
Chemical Name: Lubricating Oil  
CAS NUMBER: Not reported  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV0300Q9TP  
Reported Year: 2011  
Location: Building 2 (East of Compressor Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S107777982**

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV0300Q9TP  
Reported Year: 2011  
Location: MRO  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV0300Q9TP  
Reported Year: 2011  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV0300Q9TP  
Reported Year: 2011  
Location: Misc. Equipment  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV0300Q9TP  
Reported Year: 2011  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV0300Q9TP  
Reported Year: 2011  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Chem Inv Record ID: CVTR201170QV3800T0R5  
Chemical Name: Mineral Spirits  
CAS NUMBER: 64741-41-9  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV3800T0R5  
Reported Year: 2011  
Location: Forklift Maintenance  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV3800T0R5  
Reported Year: 2011  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV3800T0R5  
Reported Year: 2011  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV3800T0R5  
Reported Year: 2011  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV3800T0R5  
Reported Year: 2011  
Location: MRO  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

**Chem Inventory:**

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QV7C00UKTE  
Chemical Name: Nitrogen, Compressed  
CAS NUMBER: 7727-37-9  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: True  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

**Chemical Location:**

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QV7C00UKTE  
Reported Year: 2011  
Location: Battery Manufacturing (Recovery #2)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170QV7C00UKTE  
Reported Year: 2011  
Location: Battery Manufacturing (West of DR1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQG  
Chem Inv Record ID: CVTR201170QVKU010CVN  
Chemical Name: Sodium Hydroxide  
CAS NUMBER: 1310-73-2  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170QVKU010CVN  
Reported Year: 2011  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Fiber drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170QVKU010CVN  
Reported Year: 2011  
Location: Battery Manufacturing (Recovery #2)  
Amount: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QVKU010CVN  
Reported Year: 2011  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QVKU010CVN  
Reported Year: 2011  
Location: Flashlight Manufacturing  
Amount: Not reported  
Amount Unit: pounds  
Type: Carboy  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QVKU010CVN  
Reported Year: 2011  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QVU9016PNS  
Chemical Name: Sulfuric Acid  
CAS NUMBER: 7664-93-9  
EHS Chemical: True  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QVU9016PNS  
Reported Year: 2011  
Location: Lift Trucks  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QVU9016PNS  
Reported Year: 2011  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QVU9016PNS  
Reported Year: 2011  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QVU9016PNS  
Reported Year: 2011  
Location: Battery Charging Area  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QVU9016PNS  
Reported Year: 2011  
Location: Water Tower Pump House  
Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chemical Mixture:  
Reported Year: 2011  
Chemical Mix: Sulfuric Acid  
Percentage: Not reported  
MiX CAS: 7664-93-9  
MiX EHS: T  
Weight Volume: Not reported  
MiX Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QW0301BR04  
Chemical Name: Trichloroethylene  
CAS NUMBER: 79-01-6  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QW0301BR04  
Reported Year: 2011  
Location: Battery Manufacturing - Gasket Coating  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QW0301BR04  
Reported Year: 2011  
Location: TCE Bulk Storage

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QW0301BR04  
Reported Year: 2011  
Location: Battery Manufacturing - Mix Room  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QW0301BR04  
Reported Year: 2011  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QW7T01JECC  
Chemical Name: Carbon Black  
CAS NUMBER: 1333-86-4  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Chemical ID: CVTR201170QW7T01JECC  
Reported Year: 2011  
Location: Battery Manufacturing (Recovery #1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QW7T01JECC  
Reported Year: 2011  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QW8R01L7Q2  
Chemical Name: Amorphous Fumed Silica  
CAS NUMBER: 112945-52-5  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QW8R01L7Q2  
Reported Year: 2011  
Location: Battery Manufacturing (North of Mix Room)  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Last Modified: 2/22/2011  
  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QW8R01L7Q2  
Reported Year: 2011  
Location: L02 Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QW8R01L7Q2  
Reported Year: 2011  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170QW9L01NYTX  
Chemical Name: Graphite  
CAS NUMBER: 7782-42-5  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QW9L01NYTX  
Reported Year: 2011  
Location: L02 Storage  
Amount: Not reported  
Amount Unit: pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011  
  
Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170QW9L01NYTX  
Reported Year: 2011  
Location: Battery Manufacturing (Recovery #1)  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170QW9L01NYTX  
Reported Year: 2011  
Location: Warehouse  
Amount: Not reported  
Amount Unit: pounds  
Type: Bag  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQG  
Chem Inv Record ID: CVTR201170R1X601SNT2  
Chemical Name: Butylene Oxide  
CAS NUMBER: 106-88-7  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170R1X601SNT2  
Reported Year: 2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170R1X601SNT2  
Reported Year: 2011  
Location: Battery Manufacturing - Gasket Coating  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170R1X601SNT2  
Reported Year: 2011  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQG  
Chem Inv Record ID: CVTR201170R1XC01TTLN  
Chemical Name: Ethyl Acetate  
CAS NUMBER: 141-78-6  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170R1XC01TTLN  
Reported Year: 2011  
Location: MRO  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic bottles or jugs  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170R1XC01TTLN  
Reported Year: 2011  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Tank inside building  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170R1XC01TTLN  
Reported Year: 2011  
Location: TCE Bulk Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170R1XC01TTLN  
Reported Year: 2011  
Location: Battery Manufacturing - Gasket Coating  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170R1YE01VR2Z  
Chemical Name: Sodium Metabisulfite  
CAS NUMBER: 7681-57-4  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170R1YE01VR2Z  
Reported Year: 2011  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170R1ZM01YSA4  
Chemical Name: Sodium Hexametaphosphate  
CAS NUMBER: 10124-56-8  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170R1ZM01YSA4  
Reported Year: 2011  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170SZVT001YKV  
Chemical Name: White Mineral Oil  
CAS NUMBER: 8042-47-5  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170SZVT001YKV  
Reported Year: 2011  
Location: Oil Storage  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170SZVT001YKV  
Reported Year: 2011  
Location: Battery Manufacturing (DR3)  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR201170TCV3002RKQ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Chemical Name: Lead Acid Batteries  
CAS NUMBER: Not reported  
EHS Chemical: True  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170TCV3002RKQ  
Reported Year: 2011  
Location: Battery Charging Area  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170TCV3002RKQ  
Reported Year: 2011  
Location: Water Tower Pump House  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170TCV3002RKQ  
Reported Year: 2011  
Location: Lift Trucks  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Chemical Mixture:

Reported Year: 2011  
Chemical Mix: Sulfuric Acid  
Percentage: Not reported  
MiX CAS: 7664-93-9  
MiX EHS: T  
Weight Volume: Not reported  
MiX Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR2011713WP7003D0B  
Chemical Name: Sulfonated Styrene/Maleic Anhydride Copolymer  
CAS NUMBER: 68037-40-1  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR2011713WP7003D0B  
Reported Year: 2011  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR2011713WR800558L  
Chemical Name: Aminotris (Methylenephosphonic Acid), Pentasodium Salt  
CAS NUMBER: 2235-43-0  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR2011713WR800558L  
Reported Year: 2011  
Location: Boiler House  
Amount: Not reported  
Amount Unit: pounds  
Type: Plastic or non-metallic drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:  
Facility ID: FATR201170QSAT002AQQ  
Chem Inv Record ID: CVTR2011714GQ9001V4B  
Chemical Name: Acetylene  
CAS NUMBER: 74-86-2  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: True  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR2011714GQ9001V4B

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Reported Year: 2011  
Location: Machine Shop  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Chem Inventory:

Facility ID: FATR201170QSAT002AQG  
Chem Inv Record ID: CVTR201170QTRU001RCL  
Chemical Name: Chlorodifluoromethane  
CAS NUMBER: 75-45-6  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/15/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: True  
Liquid: True  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170QTRU001RCL  
Reported Year: 2011  
Location: Battery Manufacturing (Dry Rooms)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Facility ID: FATR201170QSAT002AQG  
Chemical ID: CVTR201170QTRU001RCL  
Reported Year: 2011  
Location: Building 2 (Air Dryer and Chiller)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INCORPORATED (Continued)**

**S10777982**

Facility ID: FATR201170QSAT002AQQ  
Chemical ID: CVTR201170QTRU001RCL  
Reported Year: 2011  
Location: Roof (AC Units)  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 2/22/2011

Contact:

Reported Year: 2011  
Contact EMail: JeanM.Bonko@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Owner / Operator  
Contact Name/Title: Jean Bonko Plant Manager  
Contact Last Modified: 2/22/2011

Contact:

Reported Year: 2011  
Contact EMail: Christopher.Kinnick@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Regulatory Point of Contact  
Contact Name/Title: Christopher Kinnick Environmental and Health Coordinator  
Contact Last Modified: 2/22/2011

Contact:

Reported Year: 2011  
Contact EMail: JohnF.Varney@energizer.com  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Name/Title: John Varney Safety and Health Coordinator  
Contact Last Modified: 2/22/2011

**A8  
Target  
Property**

**ENERGIZER BATTERY MANUFACTURING INC  
75 SWANTON RD  
SAINT ALBANS, VT 05478**

**TRIS 1012207046  
05478VRDYB75SWA**

**Site 8 of 10 in cluster A**

**Actual:  
442 ft.**

TRIS:

[Click this hyperlink](#) while viewing on your computer to access 3 additional US\_TRIS: record(s) in the EDR Site Report.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A9**  
**Target**  
**Property**  
**EVEREADY BATTERY CO**  
**75 S WANTON RD**  
**ST ALBANS, VT 05478**

**NY MANIFEST**    **1009247883**  
**N/A**

**Site 9 of 10 in cluster A**

**Actual:**  
**442 ft.**

NY MANIFEST:  
EPA ID:                    VTP002065654  
Country:                    USA

Mailing Info:  
Name:                      EVEREADY BATTERY CO  
Contact:                    WM BAKER  
Address:                    75 S WANTON RD  
City/State/Zip:            ST ALBANS, VT 05478  
Country:                    USA  
Phone:                      802-524-2151

Manifest:

Document ID:              NYB7802865  
Manifest Status:            Completed copy  
Trans1 State ID:            10222PNY  
Trans2 State ID:            Not reported  
Generator Ship Date:      04/02/1996  
Trans1 Recv Date:          04/02/1996  
Trans2 Recv Date:          / /  
TSD Site Recv Date:        04/08/1996  
Part A Recv Date:          04/11/1996  
Part B Recv Date:          04/18/1996  
Generator EPA ID:          VTP002065654  
Trans1 EPA ID:              NYD980769947  
Trans2 EPA ID:              Not reported  
TSD ID:                      NYD000632372  
Waste Code:                D003 - NON-LISTED REACTIVE WASTES  
Quantity:                    00885  
Units:                        P - Pounds  
Number of Containers:      003  
Container Type:              DM - Metal drums, barrels  
Handling Method:            T Chemical, physical, or biological treatment.  
Specific Gravity:            100  
Year:                         1996

**A10**  
**Target**  
**Property**  
**ENERGIZER BATTERY MANUFACTURING INC.**  
**75 SWANTON ROAD**  
**ST. ALBANS, VT 05478**

**VT TIER 2**    **S10777969**  
**N/A**

**Site 10 of 10 in cluster A**

**Actual:**  
**442 ft.**

TIER 2:  
Report Year:                Not reported  
Facility Name:              ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id:                 FATR200425QMTT002UKV  
Facility Dept:               Not reported  
Date Signed:                Not reported  
Modification Date:          Not reported  
Fee Total:                    Not reported  
Number Employees:          Not reported  
Dike / Other Safeguard:    Not reported  
Failed Validation:            Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7542  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7543  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7544  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7545  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7546  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7547  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7548  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7549  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7550  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7551  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Chem Same As Last Yr: 7552  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7553  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7554  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7555  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7556  
Notes: Not reported  
Validation Report: Not reported

Report Year: Not reported  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC.  
Facility Id: FATR200425QMTT002UKV  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: Not reported  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.8325 / 73.0767  
Lat/Long Location Description: FC - Facility Centroid  
Lat Long Method: I1 - Interpolation (Map)  
Submitted By: Donald Goedde, Plant Manager  
Chem Same As Last Yr: 7557  
Notes: Not reported  
Validation Report: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Report Year: 2007  
Facility Name: ENERGIZER BATTERY MANUFACTURING INC  
Facility Id: FATR200755F2U703NTNJ  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: 5/22/2008  
Fee Total: 888.00  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: 533 Maryville University Drive  
Mail City,St,Zip: St. Louis, MO 63141  
Mail Country: USA  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Javad Mirpanah, Plant Manager  
Chem Same As Last Yr: Not reported  
Notes: Not reported  
Validation Report: Not reported

Facility Info:

Id: 3648  
Id Type: SIC  
Description: LIGHTING EQUIPMENT, NEC  
Last Modified: 6/6/2007

Id: 15-117-9769  
Id Type: Dun & Bradstreet  
Description: Not reported  
Last Modified: 6/6/2007

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F3E0049XYB  
Chemical Name: CHLORODIFLUOROMETHANE  
CAS NUMBER: 75-45-6  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: True  
Liquid: True  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3E0049XYB  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Greater than ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3E0049XYB  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Greater than ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3E0049XYB  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Greater than ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:  
Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F3AF045VQ7  
Chemical Name: FUEL OIL, [NO. 2]  
CAS NUMBER: 68476-30-2  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3AF045VQ7  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Above ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:  
Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F47H04YR3C  
Chemical Name: OXYGEN, [COMPRESSED]  
CAS NUMBER: 7782-44-7  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F47H04YR3C  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F4CV054C94  
Chemical Name: SULFURIC ACID  
CAS NUMBER: 7664-93-9  
EHS Chemical: True  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

**Chemical Location:**

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F4CV054C94  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Carboy  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F4CV054C94  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Carboy  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F4CV054C94  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F44H04V4PD  
Chemical Name: NITROGEN, COMPRESSED  
CAS NUMBER: 7727-37-9  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F44H04V4PD  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F44H04V4PD  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F3CD047JFX  
Chemical Name: ARGON, COMPRESSED  
CAS NUMBER: 7440-37-1  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3CD047JFX  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F3RB04KRMG  
Chemical Name: IRON PYRITE  
CAS NUMBER: 1309-36-0  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: Not reported  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: True  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200755F2U703NTNJ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Chemical ID: CVTR200755F3RB04KRMG  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F3M404F3W7  
Chemical Name: DIOXOLANE  
CAS NUMBER: 646-06-0  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3M404F3W7  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F49L050J9T  
Chemical Name: SODIUM HYDROXIDE  
CAS NUMBER: 1310-73-2  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: True  
Solid: True  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F49L050J9T  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F49L050J9T  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F49L050J9T  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Carboy  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F3P404HU91  
Chemical Name: HELIUM, COMPRESSED  
CAS NUMBER: 7440-59-7  
EHS Chemical: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: Not reported  
Gas: True  
Liquid: Not reported  
Mixture: Not reported  
Pressure: True  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3P404HU91  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F3HV04D9MP  
Chemical Name: DIMETHOXYETHANE  
CAS NUMBER: 110-71-4  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Chemical Location:  
Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3HV04D9MP  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Cylinder  
Pressure: Greater than ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:  
Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F4GK058KTV  
Chemical Name: TRICHTHLORETHYLENE  
CAS NUMBER: 79-01-6  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: Not reported  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F4GK058KTV  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F4GK058KTV  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F3W604MXJU  
Chemical Name: LITHIUM METAL  
CAS NUMBER: 7439-93-2  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: Not reported  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: True  
Solid: True  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3W604MXJU  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3W604MXJU  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Chem Inventory:

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F42J04TERR  
Chemical Name: MINERAL SPIRITS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

CAS NUMBER: 64741-41-9  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: Not reported  
Pressure: Not reported  
Pure: True  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

**Chemical Location:**

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F42J04TERR  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Can  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

**Chem Inventory:**

Facility ID: FATR200755F2U703NTNJ  
Chem Inv Record ID: CVTR200755F3YW04Q9Z7  
Chemical Name: LUBRICATING OIL  
CAS NUMBER: Not reported  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: Not reported  
Acute: Not reported  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

State Label Code: VT2007  
Trade Secret: T

Chemical Location:  
Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3YW04Q9Z7  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Steel Drum  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Facility ID: FATR200755F2U703NTNJ  
Chemical ID: CVTR200755F3YW04Q9Z7  
Reported Year: 2007  
Location: See Tier 2  
Amount: Not reported  
Amount Unit: pounds  
Type: Other  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 6/6/2007

Contact:  
Reported Year: 2007  
Contact EMail: Not reported  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Environmental Coordinator  
Contact Type: Emergency Contact  
Contact Name/Title: William Baker Env Coordinator  
Contact Last Modified: 6/6/2007

Contact:  
Reported Year: 2007  
Contact EMail: Not reported  
Contact Mail Addr: 533 Maryville University Drive  
Contact Mail City,St,Zip: St. Louis, MO 63141  
Contact Country: USA  
Contact Type: Owner  
Contact Name/Title: Eveready Battery Company Inc Owner  
Contact Last Modified: 6/6/2007

Contact:  
Reported Year: 2007  
Contact EMail: Not reported  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Plant Manager  
Contact Type: Emergency Contact  
Contact Name/Title: Javad Mirpanah Plant Manager  
Contact Last Modified: 6/6/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ENERGIZER BATTERY MANUFACTURING INC. (Continued)**

**S10777969**

Contact:

Reported Year: 2007  
Contact EMail: Not reported  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Environmental Coordinator  
Contact Type: Emergency Contact  
Contact Name/Title: William Baker Env Coordinator  
Contact Last Modified: 6/6/2007

Contact:

Reported Year: 2007  
Contact EMail: Not reported  
Contact Mail Addr: 533 Maryville University Drive  
Contact Mail City,St,Zip: St. Louis, MO 63141  
Contact Country: USA  
Contact Type: Owner  
Contact Name/Title: Eveready Battery Company Inc Owner  
Contact Last Modified: 6/6/2007

Contact:

Reported Year: 2007  
Contact EMail: Not reported  
Contact Mail Addr: 75 Swanton Road  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Plant Manager  
Contact Type: Emergency Contact  
Contact Name/Title: Javad Mirpanah Plant Manager  
Contact Last Modified: 6/6/2007

**B11**  
**WNW**  
**< 1/8**  
**0.003 mi.**  
**18 ft.**

**ARMANDS AUTO SALES**  
**122 SWANTON RD**  
**ST ALBANS, VT 05478**  
**Site 1 of 2 in cluster B**

**RCRA NonGen / NLR** **1001226207**  
**FINDS** **VTR000009852**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

Date form received by agency: 02/23/1998  
Facility name: ARMANDS AUTO SALES  
Facility address: 122 SWANTON RD  
ST ALBANS, VT 05478

**Actual:**  
**409 ft.**

EPA ID: VTR000009852  
Mailing address: SWANTON RD  
ST ALBANS, VT 05478  
Contact: MICHAEL GREGOIRE  
Contact address: 122 SWANTON RD  
ST ALBANS, VT 05478

Contact country: US  
Contact telephone: (802) 524-9796  
Contact email: Not reported  
EPA Region: 01  
Land type: Private  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARMANDS AUTO SALES (Continued)**

**1001226207**

Owner/Operator Summary:

Owner/operator name: BU & PR: ARMAND JANET & MICHAEL GREGOIRE  
Owner/operator address: 122 SWANTON RD  
ST ALBANS, VT 05478  
Owner/operator country: Not reported  
Owner/operator telephone: (802) 524-9796  
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  
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

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 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 - 7-309(5)(c)(i)  
Area of violation: Generators - Pre-transport  
Date violation determined: 02/11/1998  
Date achieved compliance: 06/03/1999  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/27/1998  
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

Regulation violated: SR - 7-303(3)(a) 7-304  
Area of violation: Generators - General  
Date violation determined: 02/11/1998  
Date achieved compliance: 06/03/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARMANDS AUTO SALES (Continued)**

**1001226207**

Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/27/1998  
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: 02/11/1998  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 06/03/1999  
Evaluation lead agency: State

Evaluation date: 02/11/1998  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Generators - General  
Date achieved compliance: 06/03/1999  
Evaluation lead agency: State

FINDS:

Registry ID: 110005297687

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.

**B12**  
**WNW**  
**< 1/8**  
**0.003 mi.**  
**18 ft.**

**122 SWANTON RD**  
**SAINT ALBANS, VT 5478**

**EDR US Hist Auto Stat 1015185931**  
**N/A**

**Site 2 of 2 in cluster B**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: EDWARD ROSEMARY WHITE AUTO SALES  
Year: 2007  
Address: 122 SWANTON RD

Name: ED & ROSEMARIE WHITES AUTO SLS  
Year: 2009  
Address: 122 SWANTON RD

Name: ED WHITE AUTO SALES & SVC  
Year: 2010  
Address: 122 SWANTON RD

Name: WHITE ED AUTO SALES & TOWING  
Year: 2011  
Address: 122 SWANTON RD

**Actual:**  
**409 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015185931

Name: WHITE ED AUTO SALES & TOWING  
Year: 2012  
Address: 122 SWANTON RD

**C13** **DOWLING FAMILY TRUST**  
**NW** **138 SWANTON RD**  
**< 1/8** **ST ALBANS CITY, VT**  
**0.004 mi.**  
**19 ft.** **Site 1 of 2 in cluster C**

**VT LUST** **S106028989**  
**N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**402 ft.**

Facility ID: 20033141  
Source: UST-Heating Oil  
Closure Date: 12/09/2003  
Priority: SMAC - Site Management Activities Completed  
Staff: Unassigned  
Source: UST-Heating Oil  
Site Use: Business  
Site Status: Not reported  
Contamination: Heating Oil  
Institutional Control: Not reported  
Record Last Update: 05/03/2005  
Project Status: Underground storage tank removed and contamination found. Investigation completed , no contamination to groundwater and surrounding drinking water wells. Site SMACed on 12/9/2003.

[Click here to access VT DEC Site:](#)

**C14** **ADVANCE AUTO PARTS #6399**  
**NW** **138 SWANTON RD UNIT 2**  
**< 1/8** **ST ALBANS, VT 05478**  
**0.004 mi.**  
**19 ft.** **Site 2 of 2 in cluster C**

**RCRA NonGen / NLR** **1008375558**  
**VTR000513036**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**402 ft.**

Date form received by agency: 05/23/2005  
Facility name: ADVANCE AUTO PARTS #6399  
Facility address: 138 SWANTON RD UNIT 2  
ST ALBANS, VT 05478  
EPA ID: VTR000513036  
Mailing address: SWANTON RD UNIT 2  
ST ALBANS, VT 05478  
Contact: JAMES BALENO  
Contact address: SWANTON RD UNIT 2  
ST ALBANS, VT 05478  
Contact country: US  
Contact telephone: (802) 524-3195  
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: ALWOOD PROPERTIES LLC  
Owner/operator address: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ADVANCE AUTO PARTS #6399 (Continued)**

**1008375558**

Owner/operator country: Not reported  
US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 05/23/2005  
Owner/Op end date: Not reported

Owner/operator name: ADVANCE STORES COMPANY INC  
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: 06/24/2004  
Owner/Op end date: Not reported

Owner/operator name: ADVANCE STORES COMPANY INC  
Owner/operator address: Not reported  
Not reported

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 06/24/2004  
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  
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

Hazardous Waste Summary:

Waste code: VT99  
Waste name: VT99

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D15  
NW  
< 1/8  
0.009 mi.  
47 ft.

KINNEY DRUGS 18  
164 SWANTON RD  
ST ALBANS, VT 05478

VT MANIFEST S108985050  
N/A

Site 1 of 5 in cluster D

Relative:  
Lower

VT MANIFEST:

Manifest ID: 001221186JJK  
EPAID: VTR000508127  
Mailing Name: KINNEY DRUGS 18  
Mailing Address: 164 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025246543  
Contact Name: JASON MATTON  
Trans1: MAR000510214  
T1 Name: B AND D ASSOCIATES INC  
Manifest Transporter City: BEVERLY  
Manifest Transporter State: MA  
FACID: MAR000510214  
Facility Name: B AND D ASSOCIATES INC  
DotDescrip: RQ HAZARDOUS WASTE LIQUID NOS CLASS 9 NA3082 PG II  
AdditionalDot: Not reported  
Quantity: 82.00  
Unit: P  
Waste: D011  
Date Shipped: 01/28/2008  
Facility City: BEVERLY  
Facility State: MA  
Fac Date: 01/30/2008

Actual:  
395 ft.

Manifest ID: 003845018JJK  
EPAID: VTR000508127  
Mailing Name: KINNEY DRUGS 18  
Mailing Address: 164 SWANTON RD  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025246543  
Contact Name: JASON MATTON  
Trans1: MAR000510214  
T1 Name: B AND D ASSOCIATES INC  
Manifest Transporter City: BEVERLY  
Manifest Transporter State: MA  
FACID: MAR000510214  
Facility Name: B AND D ASSOCIATES INC  
DotDescrip: RQ HAZARDOUS WASTE LIQUID NOS CLASS 9 NA3082 PGIII  
AdditionalDot: Not reported  
Quantity: 60.00  
Unit: P  
Waste: D011  
Date Shipped: 10/29/2008  
Facility City: BEVERLY  
Facility State: MA  
Fac Date: 10/31/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D16  
NW  
< 1/8  
0.009 mi.  
47 ft.

KINNEY DRUGS 18  
164 SWANTON RD  
ST ALBANS, VT 05478

RCRA-CESQG 1006931779  
VTR000508127

Site 2 of 5 in cluster D

Relative:  
Lower

RCRA-CESQG:

Date form received by agency: 07/07/2003

Facility name: KINNEY DRUGS 18

Facility address: 164 SWANTON RD  
ST ALBANS, VT 05478

EPA ID: VTR000508127

Mailing address: SWANTON RD  
ST ALBANS, VT 05478

Contact: JASON MATTON

Contact address: SWANTON RD  
ST ALBANS, VT 05478

Contact country: Not reported

Contact telephone: (802) 524-6543

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: HART MEATH & PRIMO

Owner/operator address: Not reported  
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/01/1998

Owner/Op end date: Not reported

Owner/operator name: KINNEY DRUGS

Owner/operator address: Not reported  
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/01/1998

Owner/Op end date: Not reported

Owner/operator name: KINNEY DRUGS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KINNEY DRUGS 18 (Continued)**

**1006931779**

Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1998  
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: D011  
Waste name: SILVER

Violation Status: No violations found

E17  
NNW  
< 1/8  
0.012 mi.  
64 ft.

**PAQUIN BURT FORD INC  
2 FRANKLIN PK WEST  
ST ALBANS, VT 05478**

**RCRA NonGen / NLR 1001490168  
FINDS VTR000013201**

**Site 1 of 4 in cluster E**

Relative:  
Lower

RCRA NonGen / NLR:

Date form received by agency: 05/14/1999

Actual:  
405 ft.

Facility name: PAQUIN BURT FORD INC  
Facility address: 2 FRANKLIN PK WEST  
ST ALBANS, VT 05478

EPA ID: VTR000013201  
Mailing address: PO BOX 1038  
ST ALBANS, VT 05478

Contact: BURT PAQUIN JR  
Contact address: PO BOX 1038  
ST ALBANS, VT 05478

Contact country: US  
Contact telephone: (802) 524-7343  
Contact email: Not reported

EPA Region: 01

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAQUIN BURT FORD INC (Continued)**

**1001490168**

Owner/operator name: BURT PAQUIN JR  
Owner/operator address: 191 HIGH ST  
ST ALBANS, VT 05478  
Owner/operator country: Not reported  
Owner/operator telephone: (802) 524-7343  
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  
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

**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 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)

Waste code: VT08  
Waste name: Waste ethylene glycol based coolants, antifreezes and solutions containing greater than 700 ppm of ethylene glycol

Violation Status: No violations found

**FINDS:**

Registry ID: 110005298819

**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.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

E18  
NNW  
< 1/8  
0.012 mi.  
64 ft.

2 FRANKLIN PARK W  
SAINT ALBANS, VT 05478

EDR US Hist Auto Stat 1015299208  
N/A

Site 2 of 4 in cluster E

Relative:  
Lower  
Actual:  
405 ft.

EDR Historical Auto Stations:

Name: PAQUIN MOTORS BODY SHOP  
Year: 2003  
Address: 2 FRANKLIN PARK W

Name: PAQUIN MOTORS INC BODY SHOP  
Year: 2007  
Address: 2 FRANKLIN PARK W

Name: PAQUIN MOTORS BODY SHOP  
Year: 2009  
Address: 2 FRANKLIN PARK W

E19  
NNW  
< 1/8  
0.025 mi.  
131 ft.

PAQUIN MOTORS INC  
4 FRANKLIN PK WEST  
ST ALBANS, VT 05478

RCRA-CESQG 1001490169  
FINDS VTR000013219  
VT MANIFEST

Site 3 of 4 in cluster E

Relative:  
Lower  
Actual:  
406 ft.

RCRA-CESQG:

Date form received by agency: 04/30/2009

Facility name: PAQUIN MOTORS INC  
Facility address: 4 FRANKLIN PK WEST  
ST ALBANS, VT 05478

EPA ID: VTR000013219  
Mailing address: PO BOX 315  
ST ALBANS, VT 05478

Contact: BURTON PAQUIN JR  
Contact address: PO BOX 315  
ST ALBANS, VT 05478

Contact country: US  
Contact telephone: (802) 524-7343  
Contact email: Not reported

EPA Region: 01  
Land type: Private

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: PAQUIN MOTORS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAQUIN MOTORS INC (Continued)**

**1001490169**

Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1776  
Owner/Op end date: Not reported

Owner/operator name: BURT PAQUIN JR  
Owner/operator address: 191 HIGH ST  
ST ALBANS, VT 05478

Owner/operator country: Not reported  
Owner/operator telephone: (802) 524-7343  
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  
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: 04/10/2007  
Site name: PAQUIN MOTORS INC  
Classification: Small Quantity Generator

Date form received by agency: 05/14/1999  
Site name: PAQUIN MOTORS INC  
Classification: Not a generator, verified

**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 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)

Waste code: VT08  
Waste name: Waste ethylene glycol based coolants, antifreezes and solutions containing greater than 700 ppm of ethylene glycol

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAQUIN MOTORS INC (Continued)**

**1001490169**

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/09/2007  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

FINDS:

Registry ID: 110005298828

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.

VT MANIFEST:

Manifest ID: 002669145SKS  
EPAID: VTR000013219  
Mailing Name: PAQUIN MOTORS INC  
Mailing Address: PO BOX 315  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025247343  
Contact Name: BURTON PAQUIN JR  
Trans1: TXR000050930  
T1 Name: SAFETY-KLEEN SYSTEMS INC  
Manifest Transporter City: PLANO  
Manifest Transporter State: TX  
FACID: KYD053348108  
Facility Name: SAFETY-KLEEN SYSTEMS, INC.  
DotDescrip: RQ WASTE GASOLINE 3 UN1203 PGII  
AdditionalDot: Not reported  
Quantity: 280.00  
Unit: P  
Waste: D001;D018  
Date Shipped: 05/25/2011  
Facility City: SMITHFIELD  
Facility State: KY  
Fac Date: 06/04/2011

Manifest ID: 002669145SKS  
EPAID: VTR000013219  
Mailing Name: PAQUIN MOTORS INC  
Mailing Address: PO BOX 315  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025247343  
Contact Name: BURTON PAQUIN JR  
Trans1: NJD071629976  
T1 Name: S J TRANSPORTATION CO INC  
Manifest Transporter City: WOODSTOWN  
Manifest Transporter State: NJ



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAQUIN MOTORS INC (Continued)**

**1001490169**

FACID: KYD053348108  
Facility Name: SAFETY-KLEEN SYSTEMS, INC.  
DotDescrip: RQ WASTE GASOLINE 3 UN1203 PGII  
AdditionalDot: Not reported  
Quantity: 280.00  
Unit: P  
Waste: D001;D018  
Date Shipped: 05/25/2011  
Facility City: SMITHFIELD  
Facility State: KY  
Fac Date: 06/04/2011

Manifest ID: CTF1258726  
EPAID: VTR000013219  
Mailing Name: PAQUIN MOTORS INC  
Mailing Address: PO BOX 315  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025247343  
Contact Name: BURTON PAQUIN JR  
Trans1: NJD080631369  
T1 Name: VEOLIA ES TECHNICAL SOLUTIONS LLC  
Manifest Transporter City: FLANDERS  
Manifest Transporter State: NJ  
FACID: CTD021816889  
Facility Name: UNITED OIL RECOVERY INC  
DotDescrip: RQ WASTE FLAMMABLE LIQUIDS TOLUENE XYLENE  
AdditionalDot: Not reported  
Quantity: 85.00  
Unit: G  
Waste: D001;D018;D035;F001;F002;F003;F005  
Date Shipped: 08/16/2006  
Facility City: MERIDEN  
Facility State: CT  
Fac Date: 08/21/2006

**E20  
NNW  
< 1/8  
0.025 mi.  
131 ft.**

**4 FRANKLIN PARK W  
SAINT ALBANS, VT 05478  
Site 4 of 4 in cluster E**

**EDR US Hist Auto Stat 1015467162  
N/A**

**Relative:  
Lower  
Actual:  
406 ft.**

EDR Historical Auto Stations:  
Name: PAQUIN MOTORS INC  
Year: 2005  
Address: 4 FRANKLIN PARK W  
  
Name: PAQUIN MOTORS INC  
Year: 2006  
Address: 4 FRANKLIN PARK W  
  
Name: PAQUIN MOTORS INC  
Year: 2007  
Address: 4 FRANKLIN PARK W  
  
Name: PAQUIN MOTORS INC  
Year: 2011  
Address: 4 FRANKLIN PARK W

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015467162

Name: PAQUIN MOTORS INC  
Year: 2012  
Address: 4 FRANKLIN PARK W

D21  
NW  
< 1/8  
0.027 mi.  
140 ft.

ST. ALBANS COLONIAL MART SUNOCO  
119 SWANTON ROAD  
ST. ALBANS TOWN, VT 05478  
Site 3 of 5 in cluster D

VT UST U004186874  
N/A

Relative:  
Lower

UST:

Facility:

Actual:  
394 ft.

Facility ID: 226  
Facility Status: ACTIVE  
Sites Id: 972270  
Pin: EJ96-0668  
Permitted To: Tank Owner  
Landowner: Champlain Oil Company Inc  
Permit Expires: 9/1/2014 0:00  
Fee Status: Not reported  
Tanks Pulled: Not reported  
Site Code: Not reported  
Removed: Not reported  
Receipt: 653  
Owner Name: Champlain Oil Company Inc  
Owner Person: Dick Browne Compliance Officer  
Owner Address: 2886 Route 302  
Owner City,St,Zip: Wells River, VT 05081  
Owner Telephone: 802-429-2370  
Operator Name: Jim Demers  
Operator Person: Not reported  
Operator Address: 119 Swanton Road  
Operator City,St,Zip: Saint Albans, VT 05478  
Operator Telephone: Not reported  
Groundwater Monitoring Wells: Not reported  
Vapor Monitoring Points: Not reported

Tank Data:

Tank ID: 16742  
Tank Status: ACTIVE  
Tank Label: 2010-1-M  
Tank Protect: PFCS  
Year Removed: Not reported  
Capacity (Gal): 15000  
Category One: UST  
CP Test: Not reported  
Release Monitor: ITM  
Condition: Not reported  
Date Reference: Not reported

Compartment:

Comp Id: 17021  
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

ST. ALBANS COLONIAL MART SUNOCO (Continued)

U004186874

Piping:

Pipe Seq: 1  
Pipe Type: Dispenser  
Pipe Installation Year: 2010  
Pipe Protection: Secondly 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: 9/26/2013 0:00  
Pump Type: P

Tank Data:

Tank ID: 16743  
Tank Status: ACTIVE  
Tank Label: 2010-2  
Tank Protect: PFCS  
Year Removed: Not reported  
Capacity (Gal): 10000  
Category One: UST  
CP Test: Not reported  
Release Monitor: ITM  
Condition: Not reported  
Date Reference: Not reported

Compartment:

Comp Id: 17023  
Compartment Label: B  
Substance: Gasoline  
Spill: Spill  
Overfill: YD  
Comp Id: 17022  
Compartment Label: A  
Substance: Gasoline  
Spill: Spill  
Overfill: YD

Piping:

Pipe Seq: 1  
Pipe Type: Dispenser  
Pipe Installation Year: 2010  
Pipe Protection: Secondly 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: 9/26/2013 0:00  
Pump Type: P

Pipe Seq: 1  
Pipe Type: manifold  
Pipe Installation Year: 2010  
Pipe Protection: Secondly contained flexible piping  
CP Pipe Test: Not reported  
Pipe Monitor 1: le  
Pipe Monitor 1 Test: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST. ALBANS COLONIAL MART SUNOCO (Continued)**

**U004186874**

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

Tank Data:

Tank ID: 7832  
Tank Status: PULLED  
Tank Label: 1985-1-r  
Tank Protect: P  
Year Removed: 2010  
Capacity (Gal): 10000  
Category One: UST  
CP Test: 10/11/2006 0:00  
Release Monitor: Not reported  
Condition: EXCELLENT  
Date Reference: 8/3/2010

Compartment:

Comp Id: 7862  
Compartment Label: A  
Substance: Gasoline  
Spill: Spill  
Overfill: YD

Piping:

Pipe Seq: 1  
Pipe Type: Dispenser  
Pipe Installation Year: 1997  
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: 4/20/2010 0:00  
Pump Type: P

Tank Data:

Tank ID: 7833  
Tank Status: PULLED  
Tank Label: 1985-2-r  
Tank Protect: P  
Year Removed: 2010  
Capacity (Gal): 6000  
Category One: UST  
CP Test: 10/11/2006 0:00  
Release Monitor: Not reported  
Condition: EXCELLENT  
Date Reference: 8/3/2010

Compartment:

Comp Id: 7863  
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

**ST. ALBANS COLONIAL MART SUNOCO (Continued)**

**U004186874**

Piping:

Pipe Seq: 1  
Pipe Type: Dispenser  
Pipe Installation Year: 1997  
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: 4/20/2010 0:00  
Pump Type: P

Tank Data:

Tank ID: 7834  
Tank Status: PULLED  
Tank Label: 1985-3-r  
Tank Protect: P  
Year Removed: 2010  
Capacity (Gal): 6000  
Category One: UST  
CP Test: 10/11/2006 0:00  
Release Monitor: Not reported  
Condition: EXCELLENT  
Date Reference: 8/3/2010

Compartment:

Comp Id: 7864  
Compartment Label: A  
Substance: Gasoline  
Spill: Spill  
Overfill: YD

Piping:

Pipe Seq: 1  
Pipe Type: Dispenser  
Pipe Installation Year: 1997  
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: 4/20/2010 0:00  
Pump Type: P

Tank Data:

Tank ID: 7835  
Tank Status: ACTIVE  
Tank Label: 991  
Tank Protect: Not reported  
Year Removed: Not reported  
Capacity (Gal): Not reported  
Category One: UST  
CP Test: Not reported  
Release Monitor: Not reported  
Condition: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST. ALBANS COLONIAL MART SUNOCO (Continued)**

**U004186874**

Date Reference: Oct-97  
Compartment:  
Comp Id: Not reported  
Compartment Label: Not reported  
Substance: Not reported  
Spill: Not reported  
Overfill: Not reported  
Piping:  
Pipe Seq: Not reported  
Pipe Type: Not reported  
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

**D22  
NW  
< 1/8  
0.027 mi.  
140 ft.**

**CHAMPLAIN OIL CO  
119 SWANTON RD  
ST ALBANS, VT 05478  
Site 4 of 5 in cluster D**

**NY MANIFEST 1009247722  
N/A**

**Relative:  
Lower**

NY MANIFEST:  
EPA ID: VTP000006509  
Country: USA

**Actual:  
394 ft.**

Mailing Info:  
Name: CHAMPLAIN OIL CO  
Contact: MICHAEL GAMACHE  
Address: 45 SAN REMO DR  
City/State/Zip: S BURLINGTON, VT 05403  
Country: USA  
Phone: 802-864-5380

Manifest:

Document ID: VTA0111051  
Manifest Status: Not reported  
Trans1 State ID: Not reported  
Trans2 State ID: CTV29098  
Generator Ship Date: 08/21/1998  
Trans1 Recv Date: 08/21/1998  
Trans2 Recv Date: 08/25/1998  
TSD Site Recv Date: 08/28/1998  
Part A Recv Date: Not reported  
Part B Recv Date: Not reported  
Generator EPA ID: VTP000006509  
Trans1 EPA ID: NYD057770109  
Trans2 EPA ID: NYD057770109  
TSD ID: NYD057770109  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00150  
Units: G - Gallons (liquids only)\* (8.3 pounds)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO (Continued)**

1009247722

Number of Containers: 003  
Container Type: DM - Metal drums, barrels  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 01.00  
Year: 1998

D23  
NW  
< 1/8  
0.027 mi.  
140 ft.

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART**  
119 SWANTON RD  
ST ALBANS, VT 05478

**RCRA-CESQG**  
**NJ MANIFEST**  
**VT MANIFEST**

1004792790  
VTR000014159

Site 5 of 5 in cluster D

Relative:  
Lower

RCRA-CESQG:

Date form received by agency: 04/17/2013  
Facility name: CHAMPLAIN OIL CO ST ALBANS COLONIAL MART  
Facility address: 119 SWANTON RD  
ST ALBANS, VT 05478

Actual:  
394 ft.

EPA ID: VTR000014159  
Mailing address: RTE 302  
WELLS RIVER, VT 05081  
Contact: RICHARD BROWNE  
Contact address: RTE 302  
WELLS RIVER, VT 05081

Contact country: US  
Contact telephone: (802) 429-2370  
Contact email: DBROWNE@CHAMPLAINOIL.COM  
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: CHAMPLAIN OIL CO  
Owner/operator address: RTE 302  
WELLS RIVER, VT 05081  
Owner/operator country: US  
Owner/operator telephone: (802) 429-2370  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 03/22/2002  
Owner/Op end date: Not reported

Owner/operator name: ST ALBANS COLONIAL MART  
Owner/operator address: SWANTON RD  
ST ALBANS, VT 05478

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 03/22/2002  
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: 12/02/2009  
Site name: CHAMPLAIN OIL CO COLONIAL MART ST ALBANS  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/29/2009  
Site name: CHAMPLAIN OIL CO COLONIAL MART ST ALBANS  
Classification: Small Quantity Generator

Date form received by agency: 05/03/2007  
Site name: CHAMPLAIN OIL CO COLONIAL MART ST ALBANS  
Classification: Small Quantity Generator

Date form received by agency: 03/25/2002  
Site name: CHAMPLAIN OIL CO COLONIAL MART ST ALBANS  
Classification: Small Quantity Generator

Date form received by agency: 11/08/1999  
Site name: CHAMPLAIN OIL CO COLONIAL MART ST ALBANS  
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

Waste name: BENZENE

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 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)

Violation Status: No violations found

**NJ MANIFEST:**

EPA Id: VTR000014159

Mail Address: 45 SAN REMO DRIVE

Mail City/State/Zip: SO BURLINGTON 05401

Facility Phone: 8028645380

Emergency Phone: Not reported

Contact: RICHARD SHARPE

Comments: Not reported

SIC Code: Not reported

County: 00

Municipal: 00

Previous EPA Id: Not reported

Gen Flag: X

Trans Flag: Not reported

TSD Flag: Not reported

Name Change: Not reported

Date Change: Not reported

**Manifest:**

Manifest Number: NJA5311161

EPA ID: VTR000014159

Date Shipped: 03/31/2006

TSD EPA ID: NJD002200046

Transporter EPA ID: VTR000015636

Transporter 2 EPA ID: NJ0000027193

Transporter 3 EPA ID: Not reported

Transporter 4 EPA ID: Not reported

Transporter 5 EPA ID: Not reported

Transporter 6 EPA ID: Not reported

Transporter 7 EPA ID: Not reported

Transporter 8 EPA ID: Not reported

Transporter 10 EPA ID: Not reported

Date Trans1 Transported Waste: 03/31/2006

Date Trans2 Transported Waste: 04/05/2006

Date Trans3 Transported Waste: Not reported

Date Trans4 Transported Waste: Not reported

Date Trans5 Transported Waste: Not reported

Date Trans6 Transported Waste: Not reported

Date Trans7 Transported Waste: Not reported

Date Trans8 Transported Waste: Not reported

Date Trans9 Transported Waste: Not reported

Date Trans10 Transported Waste: Not reported

Date TSD Received Waste: 04/07/2006

TSD EPA Facility Name: Not reported

QTY Units: Not reported

Transporter SEQ ID: Not reported

Transporter-1 Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: 05310621  
Was Load Rejected: SO BURLINGTON 05401  
Reason Load Was Rejected: Not reported

Manifest Number: 000190618JJK  
EPA ID: VTR000014159  
Date Shipped: 01/03/2007  
TSDf EPA ID: NJD002454544  
Transporter EPA ID: VTR000015636  
Transporter 2 EPA ID: NJD054126164  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 01/03/2007  
Date Trans2 Transported Waste: 01/05/2007  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSDf Received Waste: 01/09/2007  
TSDf EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: Not reported  
Was Load Rejected: SO BURLINGTON 05401  
Reason Load Was Rejected: Not reported

Waste:  
Manifest Year: 2007 New Jersey Manifest Data  
Waste Code: D001  
Hand Code: H06  
Quantity: 100 G

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

Manifest Number: NJA5253258  
EPA ID: VTR000014159  
Date Shipped: 07/05/2005  
TSDf EPA ID: NJD002200046  
Transporter EPA ID: VTR000015636  
Transporter 2 EPA ID: NY0001031814  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 07/05/2005  
Date Trans2 Transported Waste: 07/11/2005  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSDf Received Waste: 07/19/2005  
TSDf EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: 08250521  
Was Load Rejected: SO BURLINGTON 05401  
Reason Load Was Rejected: Not reported

Manifest Number: 000190889JJK  
EPA ID: VTR000014159  
Date Shipped: 08/03/2007  
TSDf EPA ID: NJD002454544  
Transporter EPA ID: VTR000015636  
Transporter 2 EPA ID: NJD054126164  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 08/03/2007  
Date Trans2 Transported Waste: 08/06/2007  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSDf Received Waste: 08/07/2007  
TSDf EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: Not reported  
Was Load Rejected: SO BURLINGTON 05401  
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: 2007 New Jersey Manifest Data  
Waste Code: D001  
Hand Code: H06  
Quantity: 100 G

Manifest Number: 000190834JJK  
EPA ID: VTR000014159  
Date Shipped: 06/15/2007  
TSDf EPA ID: NJD002454544  
Transporter EPA ID: VTR000015636  
Transporter 2 EPA ID: NJD054126164  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 06/15/2007  
Date Trans2 Transported Waste: 06/25/2007  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSDf Received Waste: 06/26/2007  
TSDf EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: Not reported  
Was Load Rejected: SO BURLINGTON 05401  
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: 2007 New Jersey Manifest Data  
Waste Code: D001  
Hand Code: H06  
Quantity: 250 G

Manifest Number: NJA5312464  
EPA ID: VTR000014159  
Date Shipped: 05/23/2006  
TSDF EPA ID: NJD002454544  
Transporter EPA ID: VTR000015636  
Transporter 2 EPA ID: NJD054126164  
Transporter 3 EPA ID: Not reported  
Transporter 4 EPA ID: Not reported  
Transporter 5 EPA ID: Not reported  
Transporter 6 EPA ID: Not reported  
Transporter 7 EPA ID: Not reported  
Transporter 8 EPA ID: Not reported  
Transporter 10 EPA ID: Not reported  
Date Trans1 Transported Waste: 05/23/2006  
Date Trans2 Transported Waste: 05/30/2006  
Date Trans3 Transported Waste: Not reported  
Date Trans4 Transported Waste: Not reported  
Date Trans5 Transported Waste: Not reported  
Date Trans6 Transported Waste: Not reported  
Date Trans7 Transported Waste: Not reported  
Date Trans8 Transported Waste: Not reported  
Date Trans9 Transported Waste: Not reported  
Date Trans10 Transported Waste: Not reported  
Date TSDF Received Waste: 05/31/2006  
TSDF EPA Facility Name: Not reported  
QTY Units: Not reported  
Transporter SEQ ID: Not reported  
Transporter-1 Date: Not reported  
Waste SEQ ID: Not reported  
Waste Type Code 2: Not reported  
Waste Type Code 3: Not reported  
Waste Type Code 4: Not reported  
Waste Type Code 5: Not reported  
Waste Type Code 6: Not reported  
Date Accepted: Not reported  
Manifest Discrepancy Type: Not reported  
Data Entry Number: 07170622  
Was Load Rejected: SO BURLINGTON 05401  
Reason Load Was Rejected: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

VT MANIFEST:

Manifest ID: 000190834JJK  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: STEPHEN M HALIBOZEK  
Trans1: NJD054126164  
T1 Name: FREEHOLD CARTAGE, INC.  
Manifest Transporter City: FREEHOLD  
Manifest Transporter State: NJ  
FACID: NJD002454544  
Facility Name: VEOLIA ES TECHNICAL SOLUTIONS LLC  
DotDescrip: RQ WASTE GASOLINE 3 UN1203 PGII  
AdditionalDot: Not reported  
Quantity: 250.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 06/15/2007  
Facility City: MIDDLESEX  
Facility State: NJ  
Fac Date: 06/26/2007

Manifest ID: NJA5311161  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: RICHARD SHARPE  
Trans1: VTR000015636  
T1 Name: A P T ENVIRONMENTAL INC  
Manifest Transporter City: MILTON  
Manifest Transporter State: VT  
FACID: NJD002200046  
Facility Name: CYCLECHEM,INC.  
DotDescrip: RQ WASTE GASOLINE  
AdditionalDot: Not reported  
Quantity: 50.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 03/31/2006  
Facility City: ELIZABETH  
Facility State: NJ  
Fac Date: 04/07/2006

Manifest ID: 000190889JJK  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: STEPHEN M HALIBOZEK  
Trans1: NJD054126164  
T1 Name: FREEHOLD CARTAGE, INC.  
Manifest Transporter City: FREEHOLD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

Manifest Transporter State: NJ  
FACID: NJD002454544  
Facility Name: VEOLIA ES TECHNICAL SOLUTIONS LLC  
DotDescrip: RQ WASTE GASOLINE 3 UN1203 PGII ERG128  
AdditionalDot: Not reported  
Quantity: 100.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 08/03/2007  
Facility City: MIDDLESEX  
Facility State: NJ  
Fac Date: 08/07/2007

Manifest ID: 000190834JJK  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: STEPHEN M HALIBOZEK  
Trans1: VTR000015636  
T1 Name: A P T ENVIRONMENTAL INC  
Manifest Transporter City: MILTON  
Manifest Transporter State: VT  
FACID: NJD002454544  
Facility Name: VEOLIA ES TECHNICAL SOLUTIONS LLC  
DotDescrip: RQ WASTE GASOLINE 3 UN1203 PGII  
AdditionalDot: Not reported  
Quantity: 250.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 06/15/2007  
Facility City: MIDDLESEX  
Facility State: NJ  
Fac Date: 06/26/2007

Manifest ID: 000190889JJK  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: STEPHEN M HALIBOZEK  
Trans1: VTR000015636  
T1 Name: A P T ENVIRONMENTAL INC  
Manifest Transporter City: MILTON  
Manifest Transporter State: VT  
FACID: NJD002454544  
Facility Name: VEOLIA ES TECHNICAL SOLUTIONS LLC  
DotDescrip: RQ WASTE GASOLINE 3 UN1203 PGII ERG128  
AdditionalDot: Not reported  
Quantity: 100.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 08/03/2007  
Facility City: MIDDLESEX  
Facility State: NJ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

Fac Date: 08/07/2007

Manifest ID: NJA5312464  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: RICHARD SHARPE  
Trans1: VTR000015636  
T1 Name: A P T ENVIRONMENTAL INC  
Manifest Transporter City: MILTON  
Manifest Transporter State: VT  
FACID: NJD002454544  
Facility Name: MARISOL INCORPORATED  
DotDescrip: RQ WASTE GASOLINE  
AdditionalDot: Not reported  
Quantity: 100.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 05/23/2006  
Facility City: MIDDLESEX  
Facility State: NJ  
Fac Date: 05/31/2006

Manifest ID: 000190164JJK  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: STEPHEN M HALIBOZEK  
Trans1: VTR000015636  
T1 Name: A P T ENVIRONMENTAL INC  
Manifest Transporter City: MILTON  
Manifest Transporter State: VT  
FACID: VTR000517052  
Facility Name: ENPRO SERVICES OF VERMONT INC  
DotDescrip: RQ WASTE GASOLINE 3 UN1203 PGII  
AdditionalDot: Not reported  
Quantity: 100.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 07/23/2008  
Facility City: WILLISTON  
Facility State: VT  
Fac Date: 07/23/2008

Manifest ID: 000190618JJK  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: RICHARD SHARPE  
Trans1: VTR000015636  
T1 Name: A P T ENVIRONMENTAL INC



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)**

**1004792790**

Manifest Transporter City: MILTON  
Manifest Transporter State: VT  
FACID: NJD002454544  
Facility Name: MARISOL INCORPORATED  
DotDescrip: RQ WASTE GASOLINE 3 UN1203 PGII  
AdditionalDot: Not reported  
Quantity: 100.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 01/03/2007  
Facility City: MIDDLESEX  
Facility State: NJ  
Fac Date: 01/09/2007

Manifest ID: 000190618JJK  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: RICHARD SHARPE  
Trans1: NJD054126164  
T1 Name: FREEHOLD CARTAGE, INC.  
Manifest Transporter City: FREEHOLD  
Manifest Transporter State: NJ  
FACID: NJD002454544  
Facility Name: MARISOL INCORPORATED  
DotDescrip: RQ WASTE GASOLINE 3 UN1203 PGII  
AdditionalDot: Not reported  
Quantity: 100.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 01/03/2007  
Facility City: MIDDLESEX  
Facility State: NJ  
Fac Date: 01/09/2007

Manifest ID: NJA5311161  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: RICHARD SHARPE  
Trans1: NJ0000027193  
T1 Name: CLEAN VENTURE INC  
Manifest Transporter City: ELIZABETH  
Manifest Transporter State: NJ  
FACID: NJD002200046  
Facility Name: CYCLECHEM,INC.  
DotDescrip: RQ WASTE GASOLINE  
AdditionalDot: Not reported  
Quantity: 50.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 03/31/2006  
Facility City: ELIZABETH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHAMPLAIN OIL CO ST ALBANS COLONIAL MART (Continued)

1004792790

Facility State: NJ  
Fac Date: 04/07/2006  
  
Manifest ID: NJA5312464  
EPAID: VTR000014159  
Mailing Name: CHAMPLAIN OIL CO COLONIAL MART  
Mailing Address: 354 DORSET ST  
Mailing City,St,Zip: SOUTH BURLINGTON, VT 05403  
Contact Phone: 8028645380  
Contact Name: RICHARD SHARPE  
Trans1: NJD054126164  
T1 Name: FREEHOLD CARTAGE, INC.  
Manifest Transporter City: FREEHOLD  
Manifest Transporter State: NJ  
FACID: NJD002454544  
Facility Name: MARISOL INCORPORATED  
DotDescrip: RQ WASTE GASOLINE  
AdditionalDot: Not reported  
Quantity: 100.00  
Unit: G  
Waste: D001;D018  
Date Shipped: 05/23/2006  
Facility City: MIDDLESEX  
Facility State: NJ  
Fac Date: 05/31/2006

F24  
SW  
< 1/8  
0.048 mi.  
256 ft.

80 SWANTON RD  
SAINT ALBANS, VT 05478

Site 1 of 2 in cluster F

EDR US Hist Auto Stat 1015637206  
N/A

Relative:  
Lower  
  
Actual:  
422 ft.

EDR Historical Auto Stations:

Name: AUTO DR  
Year: 2003  
Address: 80 SWANTON RD  
  
Name: AUTO DR BY NORM INC  
Year: 2005  
Address: 80 SWANTON RD  
  
Name: AUTO DR BY NORM INC  
Year: 2006  
Address: 80 SWANTON RD  
  
Name: AUTO DR BY NORM  
Year: 2007  
Address: 80 SWANTON RD  
  
Name: AUTO DR BY NORM  
Year: 2008  
Address: 80 SWANTON RD  
  
Name: AUTO DR  
Year: 2009  
Address: 80 SWANTON RD

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**F25**  
**SW**  
**< 1/8**  
**0.054 mi.**  
**283 ft.**

**ST ALBANS COLONIAL MART**  
**119 SWANTON RD**  
**ST ALBANS TOWN, VT**  
**Site 2 of 2 in cluster F**

**VT LUST**    **S106133710**  
**N/A**

**Relative:**  
**Lower**

LUST:

Facility ID: 972270  
Source: UST-Gasoline  
Closure Date: Not reported  
Priority: LOW - Site with contamination to soils or groundwater, but no effect on sensitive receptors  
Staff: Richard Spiese  
Source: UST-Gasoline  
Site Use: Business  
Site Status: Not reported  
Contamination: Gasoline, MTBE  
Institutional Control: Not reported  
Record Last Update: 08/01/2012  
Project Status: UST Removed. Limited GW contamination. Site in Natural Attenuation monitoring.

**Actual:**  
**422 ft.**

[Click here to access VT DEC Site:](#)

**G26**  
**NW**  
**1/8-1/4**  
**0.184 mi.**  
**969 ft.**

**299 SWANTON RD**  
**SAINT ALBANS, VT 05478**  
**Site 1 of 3 in cluster G**

**EDR US Hist Auto Stat**    **1015397517**  
**N/A**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: COMMONS CAR CARE CTR  
Year: 2004  
Address: 299 SWANTON RD

**Actual:**  
**382 ft.**

**G27**  
**NW**  
**1/8-1/4**  
**0.203 mi.**  
**1074 ft.**

**FRANKLIN LAMOILLE BANK**  
**361 SWANTON ROAD**  
**ST. ALBANS TOWN, VT**  
**Site 2 of 3 in cluster G**

**VT UST**    **U004187096**  
**N/A**

**Relative:**  
**Lower**

UST:

Facility:  
Facility ID: 9999842  
Facility Status: PULLED  
Sites Id: 962066  
Pin: Not reported  
Permitted To: Not reported  
Landowner: Not reported  
Permit Expires: Not reported  
Fee Status: Not reported  
Tanks Pulled: 1  
Site Code: C  
Removed: 1  
Receipt: Not reported  
Owner Name: David Kleger  
Owner Person: Not reported  
Owner Address: 40West 57th Street

**Actual:**  
**380 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FRANKLIN LAMOILLE BANK (Continued)**

**U004187096**

Owner City,St,Zip: New York, NY 10019  
 Owner Telephone: Not reported  
 Operator Name: David Kleger  
 Operator Person: Not reported  
 Operator Address: 40West 57th Street  
 Operator City,St,Zip: New York, NY 10019  
 Operator Telephone: Not reported  
 Groundwater Monitoring Wells: Not reported  
 Vapor Monitoring Points: Not reported

**Tank Data:**

Tank ID: 6680  
 Tank Status: PULLED  
 Tank Label: 1969-1  
 Tank Protect: U  
 Year Removed: 1996  
 Capacity (Gal): 1000  
 Category One: UST  
 CP Test: Not reported  
 Release Monitor: Not reported  
 Condition: Not reported  
 Date Reference: Not reported

**Compartment:**

Comp Id: 6673  
 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  
 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

**G28  
 NW  
 1/8-1/4  
 0.203 mi.  
 1074 ft.**

**FRANKLIN LAMOILLE BANK- HIGHGATE COMMONS  
 361 SWANTON RD  
 ST ALBANS TOWN, VT  
 Site 3 of 3 in cluster G**

**VT SHWS S106133764  
 VT LUST N/A**

**Relative:  
 Lower**

SHWS:  
 Facility ID: 962066  
 Source Type: Spill  
 Priority: MED - Site with sensitive receptors that are threatened by contamination  
 Staff: Matt Moran  
 Closure Date: Not reported  
 Site Use: Business  
 site Status: Voluntary Action  
 Contamination: Heating Oil, Non-Petroleum

**Actual:  
 380 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FRANKLIN LAMOILLE BANK- HIGHGATE COMMONS (Continued)**

**S106133764**

Institutional Control: Not reported  
 Record Last Update: 09/05/2012  
 Project Status: Perchloroethylene (PCE) contamination from dry cleaners. Remediation via SVE and air sparging from spring 39;99 through 3/00. Annual GW monitoring, next round requested May 2013. Contained out decision for PCE contaminated soil disposal, with 230 tons recycled December 2011 at ESMI, Loudon, NH. Petroleum contaminated soil thinspread onsite at that time. Requested well closures for 2001, again 2002.

[Click here to access VT DEC Site:](#)

**LUST:**

Facility ID: 962066  
 Source: UST-Heating Oil  
 Closure Date: Not reported  
 Priority: MED - Site with sensitive receptors that are threatened by contamination  
 Staff: Matt Moran  
 Source: UST-Heating Oil  
 Site Use: Business  
 Site Status: Voluntary Action  
 Contamination: Heating Oil, Non-Petroleum  
 Institutional Control: Not reported  
 Record Last Update: 09/05/2012  
 Project Status: Perchloroethylene (PCE) contamination from dry cleaners. Remediation via SVE and air sparging from spring 39;99 through 3/00. Annual GW monitoring, next round requested May 2013. Contained out decision for PCE contaminated soil disposal, with 230 tons recycled December 2011 at ESMI, Loudon, NH. Petroleum contaminated soil thinspread onsite at that time. Requested well closures for 2001, again 2002.

[Click here to access VT DEC Site:](#)

**29**  
**SSE**  
**1/8-1/4**  
**0.210 mi.**  
**1107 ft.**

**468 SHELDON RD**  
**SAINT ALBANS, VT 05478**

**EDR US Hist Auto Stat 1015509403**  
**N/A**

**Relative:**  
**Higher**

EDR Historical Auto Stations:  
 Name: TRAINERS AUTOMOTIVE CTR  
 Year: 2002  
 Address: 468 SHELDON RD

**Actual:**  
**508 ft.**

**H30**  
**NW**  
**1/8-1/4**  
**0.246 mi.**  
**1301 ft.**

**MAPLEFIELDS NORTH**  
**366 SWANTON RD**  
**ST ALBANS, VT 5478**  
**Site 1 of 4 in cluster H**

**VT MANIFEST S105501241**  
**VT SPILLS N/A**  
**VT TIER 2**

**Relative:**  
**Lower**

VT MANIFEST:  
 Manifest ID: 000050059FLE  
 EPAID: VTR000002733  
 Mailing Name: VALLEE R L MAPLEFIELDS NORTH  
 Mailing Address: 282 S MAIN ST  
 Mailing City,St,Zip: ST ALBANS, VT 05478

**Actual:**  
**377 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Contact Phone: 8025277755  
Contact Name: TIM VALLEE  
Trans1: VTR000500090  
T1 Name: ENV PRODUCTS & SERVICES OF VERMONT INC  
Manifest Transporter City: BURLINGTON  
Manifest Transporter State: VT  
FACID: MAD047075734  
Facility Name: JONES ENVIRONMENTAL SERVICES (NE), INC  
DotDescrip: HAZARDOUS WASTE SOLID NOS BENZENE 9 NA3077 PGIII  
AdditionalDot: Not reported  
Quantity: 150.00  
Unit: P  
Waste: D018  
Date Shipped: 09/06/2006  
Facility City: LOWELL  
Facility State: MA  
Fac Date: 09/08/2006

Manifest ID: 000050151FLE  
EPAID: VTR000002733  
Mailing Name: VALLEE R L MAPLEFIELDS NORTH  
Mailing Address: 282 S MAIN ST  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025277755  
Contact Name: TIM VALLEE  
Trans1: VTR000500090  
T1 Name: ENV PRODUCTS & SERVICES OF VERMONT INC  
Manifest Transporter City: BURLINGTON  
Manifest Transporter State: VT  
FACID: MAD047075734  
Facility Name: JONES ENVIRONMENTAL SERVICES (NE), INC  
DotDescrip: HAZARDOUS WASTE SOLID NOS BENZENE 9 NA3077 PGIII  
AdditionalDot: Not reported  
Quantity: 100.00  
Unit: P  
Waste: D018  
Date Shipped: 10/10/2006  
Facility City: LOWELL  
Facility State: MA  
Fac Date: 10/19/2006

Manifest ID: 002470016FLE  
EPAID: VTR000002733  
Mailing Name: R L VALLEE MAPLEFIELDS NORTH  
Mailing Address: PO BOX 192  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025248710  
Contact Name: RON RUSHFORD  
Trans1: NYR000115733  
T1 Name: ENVIRONMENTAL PROD & SVCS OF VERMONT INC  
Manifest Transporter City: SYRACUSE  
Manifest Transporter State: NY  
FACID: PAD067098822  
Facility Name: CYCLE CHEM LEWISBERRY  
DotDescrip: RQ WASTE SOLIDS CONTAINING FLAMMABLE LIQUID NOS GASOLINE 4.1 UN3175  
PGII  
AdditionalDot: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Quantity: 600.00  
Unit: P  
Waste: D001;D018  
Date Shipped: 04/24/2009  
Facility City: LEWISBERRY  
Facility State: PA  
Fac Date: 05/26/2009

Manifest ID: 002472633FLE  
EPAID: VTR000002733  
Mailing Name: R L VALLEE MAPLEFIELDS NORTH  
Mailing Address: PO BOX 192  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025248710  
Contact Name: RON RUSHFORD  
Trans1: NYR000115733  
T1 Name: ENVIRONMENTAL PROD & SVCS OF VERMONT INC  
Manifest Transporter City: SYRACUSE  
Manifest Transporter State: NY  
FACID: VTR000517052  
Facility Name: ENPRO SERVICES OF VT INC  
DotDescrip: RQ HAZARDOUS WASTE SOLID NOS 9 NA3077 PGIII (GASOLINE)  
AdditionalDot: Not reported  
Quantity: 200.00  
Unit: P  
Waste: D018  
Date Shipped: 06/25/2010  
Facility City: WILLISTON  
Facility State: VT  
Fac Date: 06/30/2010

Manifest ID: 001786157FLE  
EPAID: VTR000002733  
Mailing Name: R L VALLEE MAPLEFIELDS NORTH  
Mailing Address: PO BOX 192  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025248710  
Contact Name: RON RUSHFORD  
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: 750.00  
Unit: P  
Waste: D018  
Date Shipped: 05/05/2008  
Facility City: LOWELL  
Facility State: MA  
Fac Date: 05/07/2008

Manifest ID: 000050059FLE  
EPAID: VTR000002733  
Mailing Name: VALLEE R L MAPLEFIELDS NORTH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Mailing Address: 282 S MAIN ST  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025277755  
Contact Name: TIM VALLEE  
Trans1: VTR000500090  
T1 Name: ENV PRODUCTS & SERVICES OF VERMONT INC  
Manifest Transporter City: BURLINGTON  
Manifest Transporter State: VT  
FACID: MAD047075734  
Facility Name: JONES ENVIRONMENTAL SERVICES (NE), INC  
DotDescrip: HAZARDOUS WASTE SOLID NOS BENZENE 9 NA3077 PGIII  
AdditionalDot: Not reported  
Quantity: 150.00  
Unit: P  
Waste: D018  
Date Shipped: 09/06/2006  
Facility City: LOWELL  
Facility State: MA  
Fac Date: 09/08/2006

Manifest ID: 005085785FLE  
EPAID: VTR000002733  
Mailing Name: R L VALLEE MAPLEFIELDS NORTH  
Mailing Address: PO BOX 192  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025248710  
Contact Name: RON RUSHFORD  
Trans1: NYR000115733  
T1 Name: ENVIRONMENTAL PROD & SVCS OF VERMONT INC  
Manifest Transporter City: SYRACUSE  
Manifest Transporter State: NY  
FACID: VTR000517052  
Facility Name: ENPRO SERVICES OF VERMONT, INC.  
DotDescrip: RQ UN3175 WASTE SOLIDS CONTAINING FLAMMABLE LIQUID NOS GASOLINE 4.1  
PGII

AdditionalDot: Not reported  
Quantity: 750.00  
Unit: P  
Waste: D001  
Date Shipped: 03/21/2013  
Facility City: WILLISTON  
Facility State: VT  
Fac Date: 03/26/2013

Manifest ID: 005085785FLE  
EPAID: VTR000002733  
Mailing Name: R L VALLEE MAPLEFIELDS NORTH  
Mailing Address: PO BOX 192  
Mailing City,St,Zip: ST ALBANS, VT 05478  
Contact Phone: 8025248710  
Contact Name: RON RUSHFORD  
Trans1: NYR000115733  
T1 Name: ENVIRONMENTAL PROD & SVCS OF VERMONT INC  
Manifest Transporter City: SYRACUSE  
Manifest Transporter State: NY  
FACID: VTR000517052  
Facility Name: ENPRO SERVICES OF VERMONT, INC.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

DotDescrip: RQ UN3175 WASTE SOLIDS CONTAINING FLAMMABLE LIQUID NOS GASOLINE 4.1  
PGII  
AdditionalDot: Not reported  
Quantity: 750.00  
Unit: P  
Waste: D018  
Date Shipped: 03/21/2013  
Facility City: WILLISTON  
Facility State: VT  
Fac Date: 03/26/2013

SPILLS:

Year: 2002  
Report #: WMD217  
Hazardous Site Number: Not reported  
Date Reported: 06/26/2002  
Time Reported: 1600  
Complaint Taker: Tim Cropley  
Received From: No  
Duty Officer: Not reported  
Reported By Name: Ron Rushford  
Reported By Organization: R L Vallee  
Reported By Work Phone: 524-8710  
Reported By Home Phone: Not reported  
Incident Code: 07  
Incident Type: nozzle failure  
Date Of Incident: 06/26/2002  
Time Of Incident: 1445  
Product: gasoline  
Quantity: 4  
Unit Of Measure: G  
Responsible Party: R L Vallee  
RP Address: Not reported  
RP City,St,Zip: Not reported  
RP Phone Work: 524-8710  
RP Phone Home: Not reported  
RP EMail: Not reported  
EMail Sent Status: Y  
Case Assigned To: spills  
Surface Water Affected: Not reported  
**Date Closed: 06/28/2002**  
Closure Desc: Not reported  
UST Facility Id: Not reported  
Lat/Long: Not reported  
Comments: Not reported  
Action: SpeediDri applied. EP and S to pick up.

[Click here to access VT DEC Site:](#)

TIER 2:

Report Year: 2005  
Facility Name: MAPLEFIELDS NORTH  
Facility Id: FATR2005491PP804W3TP  
Facility Dept: Not reported  
Date Signed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Modification Date: 1/5/2007  
Fee Total: Not reported  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Andrea Dukas  
Chem Same As Last Yr: Not reported  
Notes: Not reported  
Validation Report: Not reported

Report Year: 2006  
Facility Name: MAPLEFIELDS NORTH  
Facility Id: FATR2006491PP804W3TP  
Facility Dept: Not reported  
Date Signed: 3/27/2007  
Modification Date: 05/29/07  
Fee Total: 330  
Number Employees: 0  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: 0  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Andrea Dukas  
Chem Same As Last Yr: Not reported  
Notes: Not reported  
Validation Report: Not reported

Report Year: 2007  
Facility Name: MAPLEFIELDS NORTH  
Facility Id: FATR2007491PP804W3TP  
Facility Dept: Not reported  
Date Signed: Not reported  
Modification Date: 5/22/2008  
Fee Total: 330.00  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Andrea Dukas

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAPLEFIELDS NORTH (Continued)**

**S105501241**

Chem Same As Last Yr: Not reported  
Notes: Not reported  
Validation Report: Not reported

Report Year: 2008  
Facility Name: MAPLEFIELDS NORTH  
Facility Id: FATR2008491PP804W3TP  
Facility Dept: Not reported  
Date Signed: 2/26/2009  
Modification Date: 5/14/2009  
Fee Total: 355  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Andrea Dukas  
Chem Same As Last Yr: True  
Notes: Not reported  
Validation Report: Not reported

Report Year: 2009  
Facility Name: MAPLEFIELDS NORTH  
Facility Id: FATR2009491PP804W3TP  
Facility Dept: Not reported  
Date Signed: 3/11/2010  
Modification Date: 4/22/2010  
Fee Total: 355  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: Not reported  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Andrea Dukas  
Chem Same As Last Yr: True  
Notes: Not reported  
Validation Report: Not reported

Report Year: 2010  
Facility Name: MAPLEFIELDS NORTH  
Facility Id: FATR2010491PP804W3TP  
Facility Dept: Not reported  
Date Signed: 2/28/2011  
Modification Date: 4/7/2011  
Fee Total: 355  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.83886 / -73.08261  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Andrea Dukas  
Chem Same As Last Yr: True  
Notes: Not reported  
Validation Report: Not reported

Report Year: 2011  
Facility Name: MAPLEFIELDS NORTH  
Facility Id: FATR2011491PP804W3TP  
Facility Dept: Not reported  
Date Signed: 2/28/2012  
Modification Date: 3/8/2012  
Fee Total: 355  
Number Employees: Not reported  
Dike / Other Safeguard: Not reported  
Failed Validation: Not reported  
Fire District: Not reported  
Mail Address: Not reported  
Mail City,St,Zip: Not reported  
Mail Country: Not reported  
Lat/Long: 44.83886 / -73.08261  
Lat/Long Location Description: Not reported  
Lat Long Method: Not reported  
Submitted By: Andrea Dukas  
Chem Same As Last Yr: True  
Notes: Not reported  
Validation Report: Not reported

Chem Inventory:  
Facility ID: FATR2006491PP804W3TP  
Chem Inv Record ID: CVTR2006491PP90513ZZ  
Chemical Name: FUELS, GASOLINE  
CAS NUMBER: 8006-61-9  
EHS Chemical: Not reported  
Reported Year: 2006  
Last Modified: 03/28/07  
Avg Amount: 0  
Days On Site: 365  
Max Amount: 0  
Max Amt Container: 0  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Solid: Not reported  
State Label Code: VT2006  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR2006491PP804W3TP  
Chemical ID: CVTR2006491PP90513ZZ  
Reported Year: 2006  
Location: underground storage tank  
Amount: 0  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 03/28/07

Chem Inventory:  
Facility ID: FATR2006491PP804W3TP  
Chem Inv Record ID: CVTR2006491PRU053BQQ  
Chemical Name: Diesel  
CAS NUMBER: 68334-30-5  
EHS Chemical: Not reported  
Reported Year: 2006  
Last Modified: 03/28/07  
Avg Amount: 0  
Days On Site: 365  
Max Amount: 0  
Max Amt Container: 0  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2006  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR2006491PP804W3TP  
Chemical ID: CVTR2006491PRU053BQQ  
Reported Year: 2006  
Location: below ground storage tank  
Amount: 0  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 03/28/07

Contact:  
Reported Year: 2011  
Contact EMail: timv@rlvallee.com

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAPLEFIELDS NORTH (Continued)**

**S105501241**

Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St Albans, VT 05478  
Contact Country: USA  
Contact Type: Owner / Operator  
Contact Name/Title: Tim Vallee CEO  
Contact Last Modified: 8/19/2011

Contact:  
Reported Year: 2011  
Contact EMail: andread@rlvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Emergency Contact  
Contact Name/Title: Andrea Dukas Office Manager  
Contact Last Modified: 8/19/2011

Chem Inventory:  
Facility ID: FATR2011491PP804W3TP  
Chem Inv Record ID: CVTR2011491PRU053BQQ  
Chemical Name: Diesel  
CAS NUMBER: 68334-30-5  
EHS Chemical: True  
Reported Year: 2011  
Last Modified: 3/7/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR2011491PP804W3TP  
Chemical ID: CVTR2011491PRU053BQQ  
Reported Year: 2011  
Location: below ground storage tank  
Amount: Not reported  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/7/2012

Chem Inventory:  
Facility ID: FATR2011491PP804W3TP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Chem Inv Record ID: CVTR2011491PP90513ZZ  
Chemical Name: FUELS, GASOLINE  
CAS NUMBER: 8006-61-9  
EHS Chemical: Not reported  
Reported Year: 2011  
Last Modified: 3/7/2012  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2011  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR2011491PP804W3TP  
Chemical ID: CVTR2011491PP90513ZZ  
Reported Year: 2011  
Location: underground storage tank  
Amount: Not reported  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/7/2012

Contact:  
Reported Year: 2011  
Contact EMail: timv@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St Albans, VT 05478  
Contact Country: USA  
Contact Type: Owner / Operator  
Contact Name/Title: Tim Vallee CEO  
Contact Last Modified: 8/19/2011

Contact:  
Reported Year: 2011  
Contact EMail: andread@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Emergency Contact  
Contact Name/Title: Andrea Dukas Office Manager  
Contact Last Modified: 8/19/2011

Chem Inventory:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Facility ID: FATR2008491PP804W3TP  
Chem Inv Record ID: CVTR2008491PRU053BQQ  
Chemical Name: Diesel  
CAS NUMBER: 68334-30-5  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/4/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR2008491PP804W3TP  
Chemical ID: CVTR2008491PRU053BQQ  
Reported Year: 2008  
Location: below ground storage tank  
Amount: 28400  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/4/2009

Chem Inventory:

Facility ID: FATR2008491PP804W3TP  
Chem Inv Record ID: CVTR2008491PP90513ZZ  
Chemical Name: FUELS, GASOLINE  
CAS NUMBER: 8006-61-9  
EHS Chemical: Not reported  
Reported Year: 2008  
Last Modified: 3/4/2009  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAPLEFIELDS NORTH (Continued)**

**S105501241**

Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2008  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR2008491PP804W3TP  
Chemical ID: CVTR2008491PP90513ZZ  
Reported Year: 2008  
Location: underground storage tank  
Amount: 166050  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/4/2009

Contact:  
Reported Year: 2011  
Contact EMail: timv@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St Albans, VT 05478  
Contact Country: USA  
Contact Type: Owner / Operator  
Contact Name/Title: Tim Vallee CEO  
Contact Last Modified: 8/19/2011

Contact:  
Reported Year: 2011  
Contact EMail: andread@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Name/Title: Andrea Dukas Office Manager  
Contact Last Modified: 8/19/2011

Chem Inventory:  
Facility ID: FATR2009491PP804W3TP  
Chem Inv Record ID: CVTR2009491PRU053BQQ  
Chemical Name: Diesel  
CAS NUMBER: 68334-30-5  
EHS Chemical: True  
Reported Year: 2009  
Last Modified: 3/16/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR2009491PP804W3TP  
Chemical ID: CVTR2009491PRU053BQQ  
Reported Year: 2009  
Location: below ground storage tank  
Amount: Not reported  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/16/2010

Chem Inventory:  
Facility ID: FATR2009491PP804W3TP  
Chem Inv Record ID: CVTR2009491PP90513ZZ  
Chemical Name: FUELS, GASOLINE  
CAS NUMBER: 8006-61-9  
EHS Chemical: Not reported  
Reported Year: 2009  
Last Modified: 3/16/2010  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2009  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR2009491PP804W3TP  
Chemical ID: CVTR2009491PP90513ZZ  
Reported Year: 2009  
Location: underground storage tank  
Amount: Not reported  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/16/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAPLEFIELDS NORTH (Continued)**

**S105501241**

Contact:

Reported Year: 2011  
Contact EMail: timv@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St Albans, VT 05478  
Contact Country: USA  
Contact Type: Owner / Operator  
Contact Name/Title: Tim Vallee CEO  
Contact Last Modified: 8/19/2011

Contact:

Reported Year: 2011  
Contact EMail: andread@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Emergency Contact  
Contact Name/Title: Andrea Dukas Office Manager  
Contact Last Modified: 8/19/2011

Contact:

Reported Year: 2011  
Contact EMail: timv@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St Albans, VT 05478  
Contact Country: USA  
Contact Type: Owner / Operator  
Contact Name/Title: Tim Vallee CEO  
Contact Last Modified: 8/19/2011

Contact:

Reported Year: 2011  
Contact EMail: andread@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Emergency Contact  
Contact Name/Title: Andrea Dukas Office Manager  
Contact Last Modified: 8/19/2011

Chem Inventory:

Facility ID: FATR2010491PP804W3TP  
Chem Inv Record ID: CVTR2010491PRU053BQQ  
Chemical Name: Diesel  
CAS NUMBER: 68334-30-5  
EHS Chemical: True  
Reported Year: 2010  
Last Modified: 3/1/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR2010491PP804W3TP  
Chemical ID: CVTR2010491PRU053BQQ  
Reported Year: 2010  
Location: below ground storage tank  
Amount: Not reported  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/1/2011

Chem Inventory:  
Facility ID: FATR2010491PP804W3TP  
Chem Inv Record ID: CVTR2010491PP90513ZZ  
Chemical Name: FUELS, GASOLINE  
CAS NUMBER: 8006-61-9  
EHS Chemical: Not reported  
Reported Year: 2010  
Last Modified: 3/1/2011  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2010  
Trade Secret: Not reported

Chemical Location:  
Facility ID: FATR2010491PP804W3TP  
Chemical ID: CVTR2010491PP90513ZZ  
Reported Year: 2010  
Location: underground storage tank  
Amount: Not reported  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/1/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAPLEFIELDS NORTH (Continued)**

**S105501241**

Contact:

Reported Year: 2011  
Contact EMail: timv@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St Albans, VT 05478  
Contact Country: USA  
Contact Type: Owner / Operator  
Contact Name/Title: Tim Vallee CEO  
Contact Last Modified: 8/19/2011

Contact:

Reported Year: 2011  
Contact EMail: andread@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Emergency Contact  
Contact Name/Title: Andrea Dukas Office Manager  
Contact Last Modified: 8/19/2011

Facility Info:

Id: 5983  
Id Type: SIC  
Description: Not reported  
Last Modified: 2/21/2006

Chem Inventory:

Facility ID: FATR2007491PP804W3TP  
Chem Inv Record ID: CVTR2007491PP90513ZZ  
Chemical Name: FUELS, GASOLINE  
CAS NUMBER: 8006-61-9  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: True  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

Chemical Location:

Facility ID: FATR2007491PP804W3TP  
Chemical ID: CVTR2007491PP90513ZZ  
Reported Year: 2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAPLEFIELDS NORTH (Continued)**

**S105501241**

Location: underground storage tank  
Amount: Not reported  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/28/2007

**Chem Inventory:**

Facility ID: FATR2007491PP804W3TP  
Chem Inv Record ID: CVTR2007491PRU053BQQ  
Chemical Name: Diesel  
CAS NUMBER: 68334-30-5  
EHS Chemical: Not reported  
Reported Year: 2007  
Last Modified: 3/5/2008  
Avg Amount: Not reported  
Days On Site: 365  
Max Amount: Not reported  
Max Amt Container: Not reported  
Chem Same As Last Yr: Not reported  
Chronic: True  
Acute: True  
Fire: True  
Gas: Not reported  
Liquid: True  
Mixture: True  
Pressure: Not reported  
Pure: Not reported  
Reactive: Not reported  
Solid: Not reported  
State Label Code: VT2007  
Trade Secret: Not reported

**Chemical Location:**

Facility ID: FATR2007491PP804W3TP  
Chemical ID: CVTR2007491PRU053BQQ  
Reported Year: 2007  
Location: below ground storage tank  
Amount: Not reported  
Amount Unit: pounds  
Type: Below ground tank  
Pressure: Ambient pressure  
Temperature: Ambient temperature  
Last Modified: 3/28/2007

**Contact:**

Reported Year: 2011  
Contact EMail: timv@rlvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St Albans, VT 05478  
Contact Country: USA  
Contact Type: Owner / Operator  
Contact Name/Title: Tim Vallee CEO  
Contact Last Modified: 8/19/2011

**Contact:**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

S105501241

Reported Year: 2011  
Contact EMail: andread@rvallee.com  
Contact Mail Addr: P.O. Box 192  
Contact Mail City,St,Zip: St. Albans, VT 05478  
Contact Country: USA  
Contact Type: Emergency Contact  
Contact Type: Emergency Contact  
Contact Name/Title: Andrea Dukas Office Manager  
Contact Last Modified: 8/19/2011

H31  
NW  
1/8-1/4  
0.246 mi.  
1301 ft.

MAPLEFIELDS NORTH  
366 SWANTON ROAD  
ST. ALBANS TOWN, VT 05478  
Site 2 of 4 in cluster H

VT UST U004186891  
N/A

Relative:  
Lower

UST:

Facility:

Actual:  
377 ft.

Facility ID: 29  
Facility Status: ACTIVE  
Sites Id: 982374  
Pin: EJ96-0608.01  
Permitted To: Tank Owner  
Landowner: R L Vallee Inc  
Permit Expires: 9/1/2016 0:00  
Fee Status: Not reported  
Tanks Pulled: Not reported  
Site Code: Not reported  
Removed: Not reported  
Receipt: 772  
Owner Name: R L Vallee Inc  
Owner Person: Tim Vallee, President  
Owner Address: PO Box 192  
Owner City,St,Zip: Saint Albans, VT 05478  
Owner Telephone: 802-524-8710  
Operator Name: R L Vallee Inc  
Operator Person: Tim Vallee, President  
Operator Address: PO Box 192  
Operator City,St,Zip: Saint Albans, VT 05478  
Operator Telephone: 802-524-8710  
Groundwater Monitoring Wells: Not reported  
Vapor Monitoring Points: Not reported

Tank Data:

Tank ID: 6913  
Tank Status: PULLED  
Tank Label: 1985-1-R  
Tank Protect: Not reported  
Year Removed: 1998  
Capacity (Gal): 10000  
Category One: UST  
CP Test: Not reported  
Release Monitor: Not reported  
Condition: EXCELLENT  
Date Reference: 5/15/1997

Compartment:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

U004186891

Comp Id: 6907  
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: 6914  
Tank Status: PULLED  
Tank Label: 1985-2-R  
Tank Protect: Not reported  
Year Removed: 1998  
Capacity (Gal): 10000  
Category One: UST  
CP Test: Not reported  
Release Monitor: Not reported  
Condition: EXCELLENT  
Date Reference: Not reported

Compartment:  
Comp Id: 6908  
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: 6915  
Tank Status: PULLED  
Tank Label: 1985-3-R  
Tank Protect: Not reported  
Year Removed: 1998



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

U004186891

Capacity (Gal): 6000  
Category One: UST  
CP Test: Not reported  
Release Monitor: Not reported  
Condition: EXCELLENT  
Date Reference: Not reported

Compartment:  
Comp Id: 6909  
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: 6916  
Tank Status: ACTIVE  
Tank Label: 1998-1-M  
Tank Protect: PFCS  
Year Removed: Not reported  
Capacity (Gal): 15000  
Category One: UST  
CP Test: Not reported  
Release Monitor: ITM  
Condition: Not reported  
Date Reference: Not reported

Compartment:  
Comp Id: 6910  
Compartment Label: A  
Substance: Gasoline  
Spill: Spill  
Overfill: YF

Piping:  
Pipe Seq: 1  
Pipe Type: Dispenser  
Pipe Installation Year: 1997  
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: 3/27/2014 0:00  
Pump Type: P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

U004186891

Tank Data:

Tank ID: 6917  
Tank Status: ACTIVE  
Tank Label: 2/2/1998  
Tank Protect: PFCS  
Year Removed: Not reported  
Capacity (Gal): 12000  
Category One: UST  
CP Test: Not reported  
Release Monitor: ITM  
Condition: Not reported  
Date Reference: Not reported

Compartment:

Comp Id: 6911  
Compartment Label: A  
Substance: Gasoline  
Spill: Spill  
Overfill: YF  
Comp Id: 6912  
Compartment Label: B  
Substance: Gasoline  
Spill: Spill  
Overfill: YF

Piping:

Pipe Seq: 1  
Pipe Type: manifold  
Pipe Installation Year: 2013  
Pipe Protection: Secondarily 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

Pipe Seq: 1  
Pipe Type: dispenser  
Pipe Installation Year: 1997  
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: 3/27/2014 0:00  
Pump Type: P

Tank Data:

Tank ID: 6918  
Tank Status: ACTIVE  
Tank Label: 2002-3  
Tank Protect: PECS  
Year Removed: Not reported  
Capacity (Gal): 4000  
Category One: UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

MAPLEFIELDS NORTH (Continued)

U004186891

CP Test: Not reported  
Release Monitor: ITM  
Condition: Not reported  
Date Reference: Not reported  
Compartment:  
Comp Id: 6913  
Compartment Label: A  
Substance: Diesel  
Spill: Spill  
Overfill: YF  
Piping:  
Pipe Seq: 1  
Pipe Type: Dispenser  
Pipe Installation Year: 2002  
Pipe Protection: Secondly 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: 3/27/2014 0:00  
Pump Type: P

H32  
NW  
1/8-1/4  
0.246 mi.  
1301 ft.

R L VALLEE MAPLEFIELDS NORTH  
366 SWANTON RD  
ST ALBANS, VT 05478  
Site 3 of 4 in cluster H

RCRA-CESQG 1004792293  
FINDS VTR000002733

Relative:  
Lower

RCRA-CESQG:

Actual:  
377 ft.

Date form received by agency: 06/24/2010  
Facility name: R L VALLEE MAPLEFIELDS NORTH  
Facility address: 366 SWANTON RD  
ST ALBANS, VT 05478  
EPA ID: VTR000002733  
Mailing address: PO BOX 192  
ST ALBANS, VT 05478  
Contact: RON RUSHFORD  
Contact address: PO BOX 192  
ST ALBANS, VT 05478  
Contact country: US  
Contact telephone: (802) 524-8710  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**R L VALLEE MAPLEFIELDS NORTH (Continued)**

**1004792293**

the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: RL VALLEE INC  
Owner/operator address: 282 S MAIN ST  
ST ALBANS, VT 05478  
Owner/operator country: Not reported  
Owner/operator telephone: (802) 527-7755  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1776  
Owner/Op end date: Not reported

Owner/operator name: INFORMATION NOT PROVIDED  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 02/11/2008  
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

Universal Waste Summary:

Waste type: Batteries  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Waste type: Lamps  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Waste type: Pesticides  
Accumulated waste on-site: No  
Generated waste on-site: Not reported

Waste type: Thermostats  
Accumulated waste on-site: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**R L VALLEE MAPLEFIELDS NORTH (Continued)**

**1004792293**

Generated waste on-site: Not reported

Historical Generators:

Date form received by agency: 02/11/2008  
Site name: R L VALLEE MAPLEFIELDS NORTH  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/22/2007  
Site name: R L VALLEE MAPLEFIELDS NORTH  
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/03/1995  
Site name: VALLEE R L MAPLEFIELDS NORTH  
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018  
Waste name: BENZENE

Waste code: VT09  
Waste name: VT09

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018  
Waste name: BENZENE

Waste code: VT09  
Waste name: VT09

Violation Status: No violations found

FINDS:

Registry ID: 110012695627

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**R L VALLEE MAPLEFIELDS NORTH (Continued)**

**1004792293**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

<b>H33</b>	<b>R L VALLEE MAPLEFIELDS NORTH</b>	<b>PA MANIFEST</b>	<b>S111432287</b>
<b>NW</b>	<b>366 SWANTON ROAD</b>		<b>N/A</b>
<b>1/8-1/4</b>	<b>ST ALBANS, VT 5478</b>		
<b>0.246 mi.</b>			
<b>1301 ft.</b>	<b>Site 4 of 4 in cluster H</b>		

<b>Relative:</b>	PA MANIFEST:	
<b>Lower</b>	Year:	2009
	Manifest Number:	002470016FLE
	Manifest Type:	T
<b>Actual:</b>	Generator EPA Id:	VTR000002733
<b>377 ft.</b>	Generator Date:	04/24/2009
	Mailing Address:	Not reported
	Mailing City,St,Zip:	Not reported
	Contact Name:	Not reported
	Contact Phone:	802-524-8710
	TSD Epa Id:	PAD067098822
	TSD Date:	Not reported
	TSD Facility Name:	CYCLE CHEM INC
	TSD Facility Address:	550 INDUSTRIAL DRIVE
	TSD Facility City:	LEWISBERRY
	TSD Facility State:	PA
	Facility Telephone:	Not reported
	Page Number:	1
	Line Number:	1
	Waste Number:	D018
	Container Number:	2
	Container Type:	Metal drums, barrels, kegs
	Waste Quantity:	600
	Unit:	Pounds
	Handling Code:	Not reported
	TSP EPA Id:	Not reported
	Date TSP Sig:	Not reported
	Year:	2009
	Manifest Number:	002470016FLE
	Manifest Type:	T
	Generator EPA Id:	VTR000002733
	Generator Date:	04/24/2009
	Mailing Address:	Not reported
	Mailing City,St,Zip:	Not reported
	Contact Name:	Not reported
	Contact Phone:	802-524-8710
	TSD Epa Id:	PAD067098822
	TSD Date:	Not reported
	TSD Facility Name:	CYCLE CHEM INC
	TSD Facility Address:	550 INDUSTRIAL DRIVE
	TSD Facility City:	LEWISBERRY
	TSD Facility State:	PA
	Facility Telephone:	Not reported
	Page Number:	1
	Line Number:	1
	Waste Number:	D001
	Container Number:	2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**R L VALLEE MAPLEFIELDS NORTH (Continued)**

**S111432287**

Container Type: Metal drums, barrels, kegs  
Waste Quantity: 600  
Unit: Pounds  
Handling Code: Not reported  
TSP EPA Id: Not reported  
Date TSP Sig: Not reported

**34**  
**SSW**  
**1/2-1**  
**0.804 mi.**  
**4243 ft.**

**CV RAILWAY INC**  
**2 FEDERAL ST.**  
**ST ALBANS CITY, VT**

**VT SHWS**  
**VT LAST**  
**VT BROWNFIELDS**

**S109272173**  
**N/A**

**Relative:**  
**Lower**

**SHWS:**

Facility ID: 770126  
Source Type: Other  
Priority: SMAC - Site Management Activities Completed  
Staff: Michael Smith  
Closure Date: 12/10/2012  
Site Use: Business  
site Status: Brownfields  
Contamination: Diesel, Heating Oil  
Institutional Control: Other  
Record Last Update: 08/21/2013  
Project Status: Cap Completed, New Track Pans installed in 1/98. Remediation system installed and operating. Semi annual ground water monitoring is ongoing.

Click here to access VT DEC Site:

**LAST:**

Facility ID: 770126  
Source: Above Ground Storage Tank  
Priority: SMAC - Site Management Activities Completed  
Staff: Michael Smith  
Date of Closure: 12/10/2012  
Source: Above Ground Storage Tank  
Site Use: Business  
site Status: Brownfields  
Contamination: Diesel, Heating Oil  
Institutional Control: Other  
Record Last Update: 08/21/2013  
Project Status: Cap Completed, New Track Pans installed in 1/98. Remediation system installed and operating. Semi annual ground water monitoring is ongoing.

Click here to access VT DEC Site:

Facility ID: 20124257  
Source: Above Ground Storage Tank  
Priority: MED - Site with sensitive receptors that are threatened by contamination  
Staff: Michael Smith  
Date of Closure: Not reported  
Source: Above Ground Storage Tank  
Site Use: Bulk Storage  
site Status: Voluntary Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CV RAILWAY INC (Continued)**

**S109272173**

Contamination: Heating Oil  
Institutional Control: Not reported  
Record Last Update: 10/16/2013  
Project Status: Not reported

[Click here to access VT DEC Site:](#)

**BROWNFIELDS:**

Site #: 770126  
Priority: SMAC  
Discovery Date: Not reported  
Closure Date: 12/10/2012

35  
SSW  
1/2-1  
0.832 mi.  
4393 ft.

**FORMER FONDA CONTAINER COMPANY  
15-21 LOWER NEWTON STREET  
ST ALBANS CITY, VT**

**VT SHWS S109272174  
VT BROWNFIELDS N/A**

**Relative:  
Lower**

**SHWS:**

Facility ID: 20083777  
Source Type: Spill  
Priority: LOW - Site with contamination to soils or groundwater, but no effect on sensitive receptors  
Staff: Matthew Becker  
Closure Date: Not reported  
Site Use: Abandoned  
site Status: Brownfields - BRELLA  
Contamination: Chlorinated Solvents, PCB  
Institutional Control: Land Record Notice  
Record Last Update: 05/01/2014  
Project Status: COC to be issued.

[Click here to access VT DEC Site:](#)

Facility ID: 20083777  
Source Type: Manufacturing  
Priority: LOW - Site with contamination to soils or groundwater, but no effect on sensitive receptors  
Staff: Matthew Becker  
Closure Date: Not reported  
Site Use: Abandoned  
site Status: Brownfields - BRELLA  
Contamination: Chlorinated Solvents, PCB  
Institutional Control: Land Record Notice  
Record Last Update: 05/01/2014  
Project Status: COC to be issued.

[Click here to access VT DEC Site:](#)

**BROWNFIELDS:**

Site #: 20083777  
Priority: LOW  
Discovery Date: 12/11/2007  
Closure Date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

36  
SW  
1/2-1  
0.948 mi.  
5004 ft.

ST ALBANS ELEMENTARY SCHOOL  
29 BELLOWS ST  
ST ALBANS, VT

VT SHWS S105121351  
VT SPILLS N/A

Relative:  
Lower

SHWS:

Facility ID: 20012885  
Source Type: PCB  
Priority: SMAC - Site Management Activities Completed  
Staff: Gerold Noyes  
Closure Date: 08/06/2002  
Site Use: School  
site Status: Not reported  
Contamination: Non-Petroleum, PCB  
Institutional Control: Not reported  
Record Last Update: 08/26/2002  
Project Status: Transformer spill. Contam surface soils removed. Investigation completed. Confirmatory samples show no impact to GW.SMAC.

Actual:  
381 ft.

[Click here to access VT DEC Site:](#)

Facility ID: 20012885  
Source Type: Non-Petroleum  
Priority: SMAC - Site Management Activities Completed  
Staff: Gerold Noyes  
Closure Date: 08/06/2002  
Site Use: School  
site Status: Not reported  
Contamination: Non-Petroleum, PCB  
Institutional Control: Not reported  
Record Last Update: 08/26/2002  
Project Status: Transformer spill. Contam surface soils removed. Investigation completed. Confirmatory samples show no impact to GW.SMAC.

[Click here to access VT DEC Site:](#)

Facility ID: 20012885  
Source Type: Spill  
Priority: SMAC - Site Management Activities Completed  
Staff: Gerold Noyes  
Closure Date: 08/06/2002  
Site Use: School  
site Status: Not reported  
Contamination: Non-Petroleum, PCB  
Institutional Control: Not reported  
Record Last Update: 08/26/2002  
Project Status: Transformer spill. Contam surface soils removed. Investigation completed. Confirmatory samples show no impact to GW.SMAC.

[Click here to access VT DEC Site:](#)

SPILLS:

Year: 2001  
Report #: WMD112  
Hazardous Site Number: Not reported  
Date Reported: 04/09/2001  
Time Reported: 0828  
Complaint Taker: Marc Roy

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ST ALBANS ELEMENTARY SCHOOL (Continued)**

**S105121351**

Received From: No  
Duty Officer: Not reported  
Reported By Name: Don Greenwood  
Reported By Organization: Not reported  
Reported By Work Phone: 777-6671  
Reported By Home Phone: Not reported  
Incident Code: 18  
Incident Type: transformer leak  
Date Of Incident: Not reported  
Time Of Incident: 0  
Product: mineral oil  
Quantity: 15  
Unit Of Measure: G  
Responsible Party: N/A  
RP Address: Not reported  
RP City,St,Zip: Not reported  
RP Phone Work: Not reported  
RP Phone Home: Not reported  
RP EMail: Not reported  
EMail Sent Status: Y  
Case Assigned To: sites  
Surface Water Affected: Not reported  
**Date Closed: 06/09/2001**  
Closure Desc: Not reported  
UST Facility Id: Not reported  
Lat/Long: Not reported  
Comments: 7/18/01 EPS reports PCB contamination at site.  
Action: EPS hired to clean up and to evaluate.

[Click here to access VT DEC Site:](#)

37  
SSW  
1/2-1  
0.994 mi.  
5246 ft.

**CLARENCE BROWN ALDIS STREET BULK PLANT**  
**8 ALDIS STREET**  
**ST ALBANS CITY, VT**

**VT SHWS S108895238**  
**VT LAST N/A**

**Relative:**  
**Lower**

SHWS:  
Facility ID: 20073739  
Source Type: Free Product Present  
Priority: SMAC - Site Management Activities Completed  
Staff: Richard Spiese  
Closure Date: 05/15/2012  
Site Use: Bulk Storage  
site Status: Voluntary Action  
Contamination: Gasoline  
Institutional Control: Not reported  
Record Last Update: 06/11/2012  
Project Status: Site file split from 992646. Bulk plant overflow and historic contamination. Free product clean up needed.

[Click here to access VT DEC Site:](#)

LAST:  
Facility ID: 20073739  
Source: Above Ground Storage Tank

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLARENCE BROWN ALDIS STREET BULK PLANT (Continued)**

**S108895238**

Priority: SMAC - Site Management Activities Completed  
Staff: Richard Spiese  
Date of Closure: 05/15/2012  
Source: Above Ground Storage Tank  
Site Use: Bulk Storage  
site Status: Voluntary Action  
Contamination: Gasoline  
Institutional Control: Not reported  
Record Last Update: 06/11/2012  
Project Status: Site file split from 992646. Bulk plant overfill and historic contamination. Free product clean up needed.

[Click here to access VT DEC Site:](#)

Count: 12 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GEORGIA	U003515929	GEORGIA ELEMENTARY SCHOOL	ROUTE 314	05478	VT UST
GEORGIA	U003516100	THE CENTER MARKET	ROUTE 7 AND GEORGIA PLAINS ROA	05478	VT UST
GEORGIA	1004792340	WIMBLE DAVE GENERAL REPAIR	RTE 7	05478	RCRA-CESQG
ST ALBANS	1004792721	SENESAC AUTO	RR #1 BOX 405 SWANTON RD	05478	RCRA-CESQG
ST ALBANS	1001226213	REGAL ART PRESS INC	RTE 104	05478	RCRA-CESQG, VT MANIFEST
ST ALBANS	1004792391	ST ALBANS CITY OF WWTP	RTE 7 N MAIN ST	05478	RCRA-CESQG
ST ALBANS	1004792327	SENESAC LAWN & GARDEN	RTE 7 GEORGIA RD	05478	RCRA NonGen / NLR
ST ALBANS	1001230229	ROADMASTER AUTO SALES	ROUTE 7	05478	RCRA NonGen / NLR
ST ALBANS	1001226204	AUTO TOWN USA	RTE 7 NO 2 CHAMPLAIN COMMON	05478	RCRA NonGen / NLR
ST. ALBANS	S107778474	NORTHWEST CORRECTIONAL FACILITY	LOWER NEWTON RD	05478	VT TIER 2
ST. ALBANS TOWN	U004186911	UNION CARBIDE-EVERREADY BATTERY DI	SWANTON ROAD	05478	VT UST
SWANTON	1009247761	RAYS EXTRUSION	RT 78	05478	NY MANIFEST

# 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: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	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: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	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: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	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: 10/07/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/19/2015
	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: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 09/30/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/12/2015
	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 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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 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

## 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

## 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 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

### **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 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  
Date Data Arrived at EDR: 05/01/2013  
Date Made Active in Reports: 01/27/2014  
Number of Days to Update: 271

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 08/01/2014  
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  
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 8  
Telephone: 303-312-6137  
Last EDR Contact: 07/22/2014  
Next Scheduled EDR Contact: 11/10/2014  
Data Release Frequency: Quarterly

## 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 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).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 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).

Date of Government Version: 05/20/2014  
Date Data Arrived at EDR: 06/10/2014  
Date Made Active in Reports: 08/15/2014  
Number of Days to Update: 66

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 07/22/2014  
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  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 10/10/2014  
Next Scheduled EDR Contact: 01/26/2015  
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  
Date Data Arrived at EDR: 02/27/2014  
Date Made Active in Reports: 03/07/2014  
Number of Days to Update: 8

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 08/26/2014  
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  
Date Data Arrived at EDR: 05/29/2014  
Date Made Active in Reports: 06/04/2014  
Number of Days to Update: 6

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 08/26/2014  
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: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 09/23/2014  
Next Scheduled EDR Contact: 01/05/2015  
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: 10/01/2014
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/12/2015
	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: 10/01/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/12/2015
	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: 10/15/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/26/2015
	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: 09/30/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 01/12/2015
	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: 09/26/2014
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/05/2015
	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: 10/10/2014  
Next Scheduled EDR Contact: 01/26/2015  
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: 10/15/2014  
Next Scheduled EDR Contact: 01/26/2015  
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: 10/08/2014  
Next Scheduled EDR Contact: 01/19/2015  
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: 10/02/2014  
Next Scheduled EDR Contact: 01/12/2015  
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: 10/15/2014  
Next Scheduled EDR Contact: 01/26/2015  
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

## PCB TRANSFORMER: PCB Transformer Registration Database

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

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

## 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: 10/17/2014  
Next Scheduled EDR Contact: 01/26/2015  
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

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

## 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

## 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: 09/29/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Annually

## FEDLAND: Federal and Indian Lands

Federal 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.

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: 10/15/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: N/A

## 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: 09/29/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Annually

## 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: 09/30/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## 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: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: Varies

## 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 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

#### 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

## 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: 10/10/2014  
Next Scheduled EDR Contact: 01/26/2015  
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: 08/01/2014  
Date Data Arrived at EDR: 08/07/2014  
Date Made Active in Reports: 10/17/2014  
Number of Days to Update: 71

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**

EVEREADY FACILITY  
75 SWANTON ROAD  
SAINT ALBANS, VT 05478

### **TARGET PROPERTY COORDINATES**

Latitude (North):	44.8329 - 44° 49' 58.44"
Longitude (West):	73.0761 - 73° 4' 33.96"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	652077.5
UTM Y (Meters):	4965971.5
Elevation:	442 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	44073-G1 SAINT ALBANS, VT
Most Recent Revision:	1987

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).

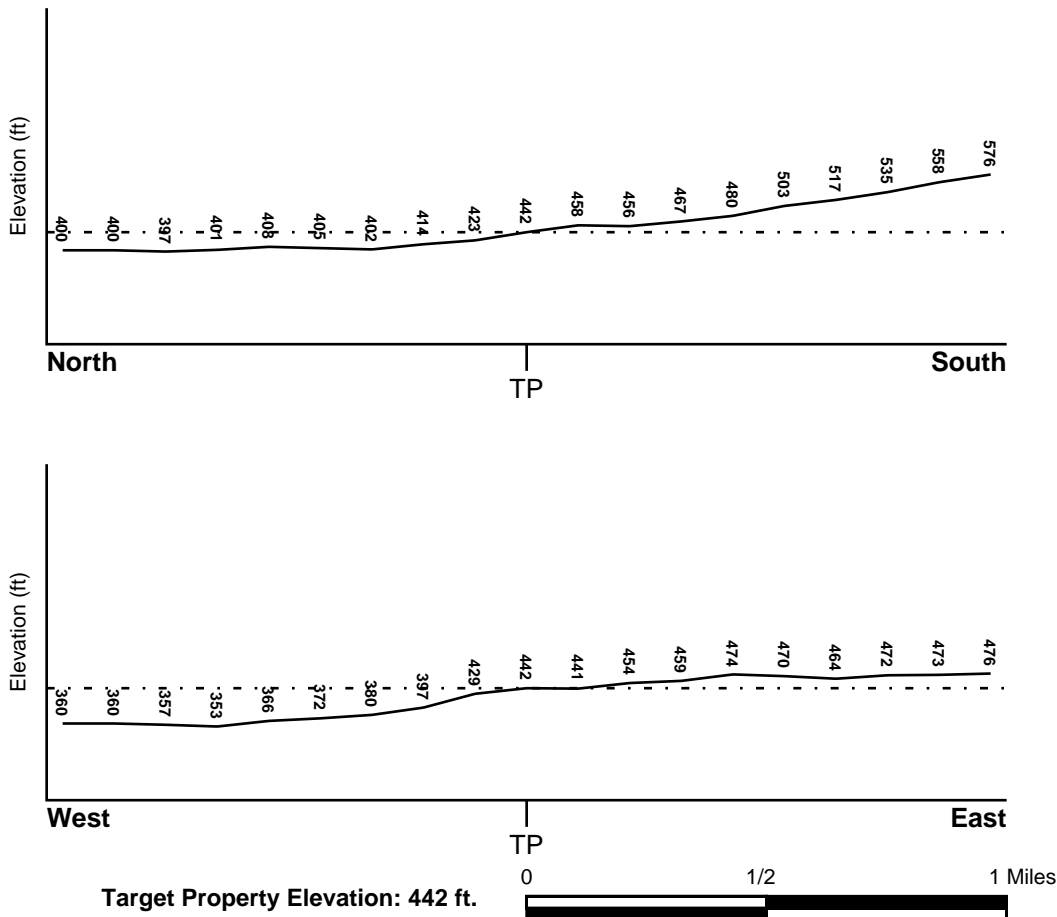
## TOPOGRAPHIC INFORMATION

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 NW

## 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> FRANKLIN, VT	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
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> SAINT ALBANS	<u>NWI Electronic Data Coverage</u> 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**

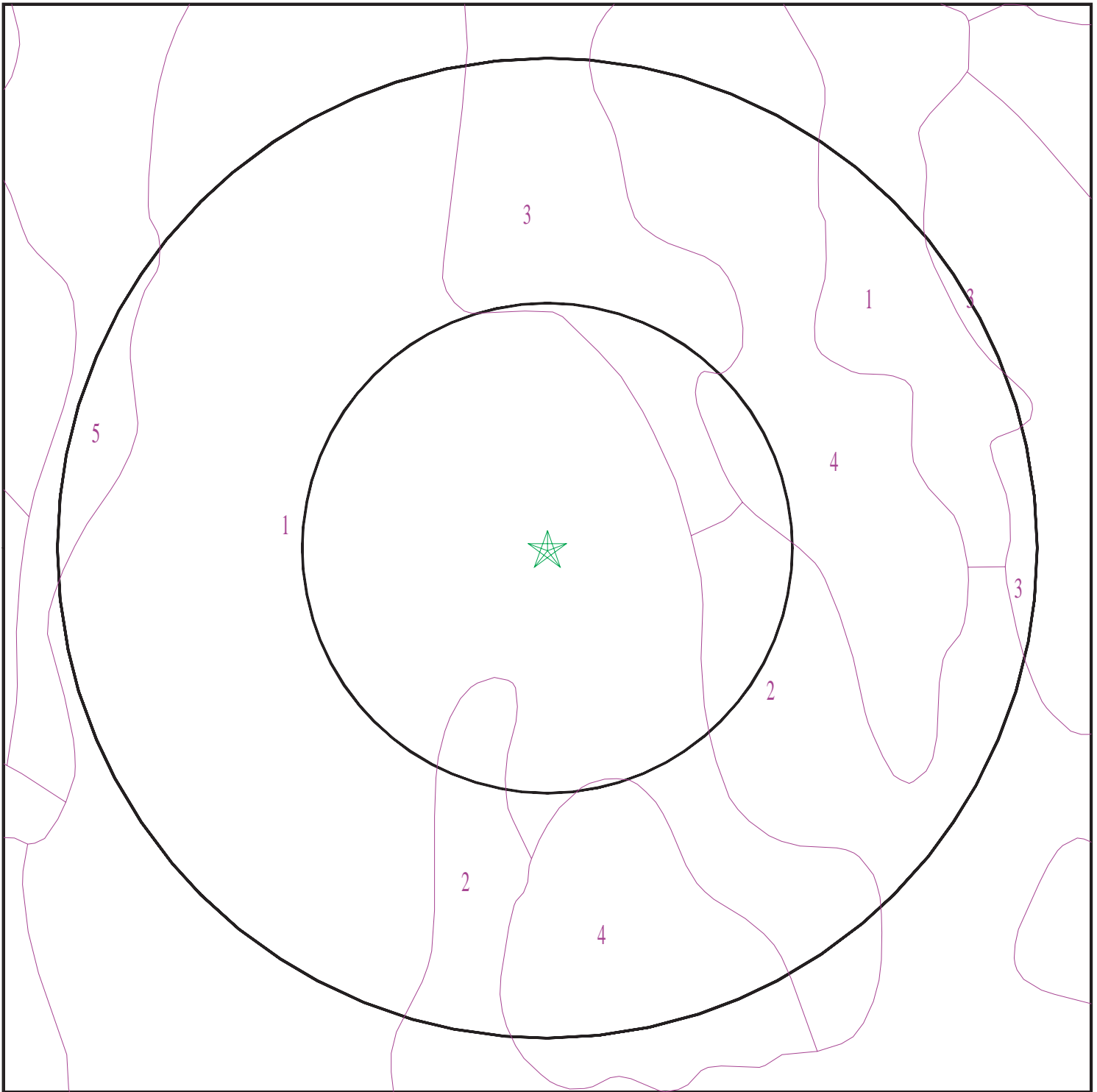
Era:	Paleozoic
System:	Ordovician
Series:	Lower Ordovician and Cambrian carbonate rocks
Code:	OC ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

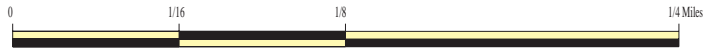
Category: Stratified Sequence

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 - 4110369.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Eveready Facility  
ADDRESS: 75 Swanton Road  
Saint Albans VT 05478  
LAT/LONG: 44.8329 / 73.0761

CLIENT: Weston & Sampson Engineers, Inc  
CONTACT: Jim Rose  
INQUIRY #: 4110369.2s  
DATE: October 20, 2014 5:08 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: St. Albans

Soil Surface Texture: channery loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.3333 Min: 14.1111	Max: 6 Min: 4.5
2	7 inches	18 inches	channery 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: 42.3333 Min: 14.1111	Max: 6 Min: 4.5
3	18 inches	59 inches	channery coarse 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: 42.3333 Min: 14.1111	Max: 6 Min: 4.5



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 2

Soil Component Name: Massena

Soil Surface Texture: loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 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	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.1111 Min: 4.2333	Max: 7.3 Min: 5.6
2	7 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.2333 Min: 0.4233	Max: 7.3 Min: 5.6
3	25 inches	44 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4.2333 Min: 0.4233	Max: 8.4 Min: 6.6

### Soil Map ID: 3

Soil Component Name: Massena

Soil Surface Texture: loam

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

Soil Drainage Class: Somewhat poorly drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 38 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	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.1111 Min: 4.2333	Max: 7.3 Min: 5.6
2	7 inches	25 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.2333 Min: 0.4233	Max: 7.3 Min: 5.6
3	25 inches	44 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4.2333 Min: 0.4233	Max: 8.4 Min: 6.6

### Soil Map ID: 4

Soil Component Name: Georgia

Soil Surface Texture: loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	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
2	1 inches	22 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	22 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4111 Min: 0.4233	Max: 7.3 Min: 5.1

### Soil Map ID: 5

Soil Component Name: Georgia

Soil Surface Texture: loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	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
2	1 inches	22 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	22 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4111 Min: 0.4233	Max: 7.3 Min: 5.1

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

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

### **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>

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

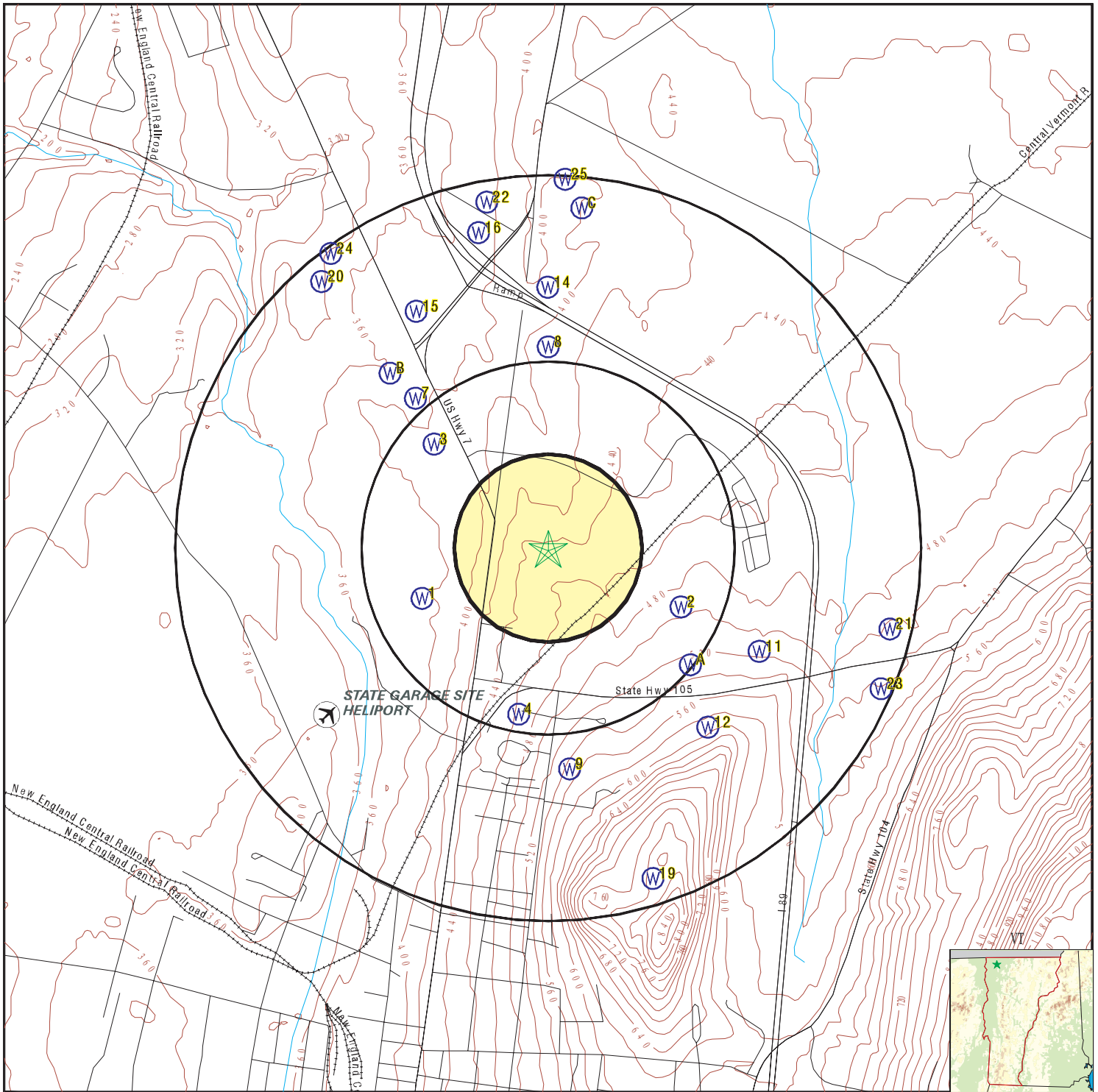
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

## STATE DATABASE WELL INFORMATION

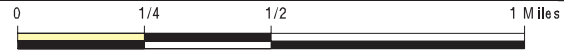
MAP ID	WELL ID	LOCATION FROM TP
1	VT4000000089492	1/4 - 1/2 Mile WSW
2	VT4000000089485	1/4 - 1/2 Mile ESE
3	VT4000000089675	1/4 - 1/2 Mile NW
4	VT4000000089344	1/4 - 1/2 Mile South
A5	VT4000000089412	1/4 - 1/2 Mile SE
A6	VT4000000089409	1/2 - 1 Mile SE
7	VT4000000089726	1/2 - 1 Mile NW
8	VT4000000089790	1/2 - 1 Mile North
9	VT4000000089270	1/2 - 1 Mile South
B10	VT4000000089742	1/2 - 1 Mile NW
11	VT4000000089417	1/2 - 1 Mile ESE
12	VT4000000089325	1/2 - 1 Mile SE
B13	VT4000000089774	1/2 - 1 Mile NW
14	VT4000000089847	1/2 - 1 Mile North
15	VT4000000089820	1/2 - 1 Mile NNW
16	VT4000000089904	1/2 - 1 Mile NNW
C17	VT4000000089922	1/2 - 1 Mile North
C18	VT4000000089934	1/2 - 1 Mile North
19	VT4000000089150	1/2 - 1 Mile SSE
20	VT4000000089858	1/2 - 1 Mile NW
21	VT4000000089451	1/2 - 1 Mile ESE
22	VT4000000089938	1/2 - 1 Mile North
23	VT4000000089378	1/2 - 1 Mile ESE
24	VT4000000089882	1/2 - 1 Mile NW
25	VT4000000089964	1/2 - 1 Mile North

# PHYSICAL SETTING SOURCE MAP - 4110369.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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: Eveready Facility  
 ADDRESS: 75 Swanton Road  
 Saint Albans VT 05478  
 LAT/LONG: 44.8329 / 73.0761

CLIENT: Weston & Sampson Engineers, Inc  
 CONTACT: Jim Rose  
 INQUIRY #: 4110369.2s  
 DATE: October 20, 2014 5:08 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

<b>1</b>		
<b>WSW</b>		<b>VT WELLS</b>
<b>1/4 - 1/2 Mile</b>		<b>VT400000089492</b>
<b>Lower</b>		
Recordid:	137575	Town:
Wellreport:	324	Tag:
Mapcell:	11D2	Taxmap:
Subdivisio:	Not Reported	Lotnumber:
Driller:	23 Clyde (Jack) Frost Frost Inc	Ownerslast:
Ownersfirs:	Not Reported	Datereceiv:
Datecomple:	10-JUL-85	Purchaserl:
Purchaserf:	Not Reported	
Welldepth:	320	
Yieldgpm:	5	
Staticwate:	60	
Overburden:	46	
Casingleng:	58	
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:
Screenleng:	0	Not Reported
Screendiam:	0	
Screenslot:	0	
Depthofscr:	0	
Gravelsize:	Not Reported	Welluse:
Wellreason:	New Supply	Drillingme:
Casingfini:	Above ground, finished	Casingseal:
Yieldtestm:	Compressed air	Welldevelo:
Notsteelca:	0	Overflowin:
Wateranaly:	0	Wellscreen:
Awpartial:	0	Uniquegjsn:
Latdegree:	44	Latminutes:
Latseconds:	51.4080009460449	Longdegree:
Longminute:	4	Longsecond:
Locdetermi:	screen digitized	
E911addres:	Not Reported	
Welltype:	Not Reported	
Casingl 1:	0	
Depthtolin:	0	
Hydrofract:	0	
Hydrofra 1:	0	
Welllocsub:	N	Sealtype:
Yieldtestt:	0	Not Reported
Recordnumb:	55112	Uoe:
Doe:	25-SEP-07	Uoc:
		GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089492

**2**  
**ESE**  
**1/4 - 1/2 Mile**  
**Higher**

**VT WELLS VT4000000089485**

Recordid:	137792	Town:	St. Albans Town
Wellreport:	3055	Tag:	15/1230A
Mapcell:	11D5	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc	Ownerslast:	SEYMORE ESTATE
Ownersfirs:	PHILIP	Datereceiv:	29-APR-97
Datecomple:	11-FEB-97	Purchaserl:	c/ Cioffi Real Estate
Purchaserf:	Not Reported		
Welldepth:	402		
Yieldgpm:	2		
Staticwate:	5		
Overburden:	21		
Casingleng:	26		
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:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	SB3055
Latdegree:	44	Latminutes:	49
Latseconds:	50.2139015197754	Longdegree:	73
Longminute:	4	Longsecond:	7.84259986877441
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:	55329	Uoe:	Not Reported
Doe:	26-OCT-00	Uoc:	GISLatLongUpdater



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089485

**3**  
**NW**  
**1/4 - 1/2 Mile**  
**Lower**

**VT WELLS VT4000000089675**

Recordid:	137281	Town:	St. Albans Town
Wellreport:	25	Tag:	Not Reported
Mapcell:	11D1	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	18 Edward Feeley J. A. Feeley & Sons, Inc.		
Ownersfirs:	ROBERT	Ownerslast:	NARDINE
Datecomple:	20-AUG-69	Datereceiv:	13-AUG-69
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	280		
Yieldgpm:	30		
Staticwate:	125		
Overburden:	50		
Casingleng:	60		
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:	Not Reported
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	SB25
Latdegree:	44	Latminutes:	50
Latseconds:	12.9840002059937	Longdegree:	73
Longminute:	4	Longsecond:	56.3394012451172
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:	54818	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089675

**4  
South  
1/4 - 1/2 Mile  
Higher**

**VT WELLS VT4000000089344**

Recordid: 137545	Town: St. Albans Town	
Wellreport: 292	Tag: 5893	
Mapcell: 11D5	Taxmap: Not Reported	
Subdivisio: Not Reported	Lotnumber: Not Reported	
Driller: 8 H A Manosh Corporation		
Ownersfirs: GENEVA	Ownerslast: MARLOW	
Datecomple: 10-OCT-85	Datereceiv: 10-JAN-86	
Purchaserf: Not Reported	Purchaserl: Not Reported	
Welldepth: 648		
Yieldgpm: 0		
Staticwate: 0		
Overburden: 56		
Casingleng: 63		
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: Drive shoe only	
Yieldtestm: Compressed air	Welldevelo: Not Reported	
Notsteelca: 0	Overflowin: 0	
Wateranaly: 0	Wellscreen: 0	
Awpartial: 0	Uniquegiss: SB292	
Latdegree: 44	Latminutes: 49	
Latseconds: 35.220100402832	Longdegree: 73	
Longminute: 4	Longsecond: 39.7326011657715	
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: 55082	Uoe: Not Reported	
Doe: 25-SEP-07	Uoc: GISLatLongUpdater	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089344

**A5  
SE  
1/4 - 1/2 Mile  
Higher**

**VT WELLS VT4000000089412**

Recordid:	137393	Town:	St. Albans Town
Wellreport:	137	Tag:	Not Reported
Mapcell:	11D5	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	18 Edward Feeley J. A. Feeley & Sons, Inc.		
Ownersfirs:	Not Reported	Ownerslast:	ROCHELEAU DAIRY
Datecomple:	22-AUG-78	Datereceiv:	26-MAR-79
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	805		
Yieldgpm:	1		
Staticwate:	100		
Overburden:	5		
Casingleng:	40		
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:	Agricultural
Wellreason:	Not Reported	Drillingme:	Rotary (AP)
Casingfini:	Not Reported	Casingseal:	Not Reported
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	SB137
Latdegree:	44	Latminutes:	49
Latseconds:	42.4440994262695	Longdegree:	73
Longminute:	4	Longsecond:	6.44999980926514
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:	54930	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089412

**A6  
SE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000089409**

Recordid:	137392	Town:	St. Albans Town
Wellreport:	136	Tag:	Not Reported
Mapcell:	11D5	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	18 Edward Feeley J. A. Feeley & Sons, Inc.		
Ownersfirs:	Not Reported	Ownerslast:	ROCHELEAU DAIRY
Datecomple:	20-MAR-79	Datereceiv:	26-MAR-79
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	355		
Yieldgpm:	2		
Staticwate:	30		
Overburden:	5		
Casingleng:	68		
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:	Agricultural
Wellreason:	Not Reported	Drillingme:	Rotary (AP)
Casingfini:	Not Reported	Casingseal:	Not Reported
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	SB136
Latdegree:	44	Latminutes:	49
Latseconds:	41.8079986572266	Longdegree:	73
Longminute:	4	Longsecond:	5.54220008850098
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:	54929	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089409

**7**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**VT WELLS VT4000000089726**

Recordid:	137450	Town:	St. Albans Town
Wellreport:	195	Tag:	Not Reported
Mapcell:	11D4	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	18 Edward Feeley J. A. Feeley & Sons, Inc.	Ownerslast:	ROCHELEU MOTORS INC.
Ownersfirs:	Not Reported	Datereceiv:	13-MAR-81
Datecomple:	10-DEC-80	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	655		
Yieldgpm:	2		
Staticwate:	25		
Overburden:	10		
Casingleng:	18		
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:	Business Establishment
Wellreason:	Not Reported	Drillingme:	Rotary (AP)
Casingfini:	Not Reported	Casingseal:	Not Reported
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisl:	SB195
Latdegree:	44	Latminutes:	50
Latseconds:	19.3801002502441	Longdegree:	73
Longminute:	5	Longsecond:	.0102000003680587
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:	54987	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089726

8

**North  
1/2 - 1 Mile  
Lower**

**VT WELLS VT4000000089790**

Recordid:	137544	Town:	St. Albans Town
Wellreport:	291	Tag:	5784
Mapcell:	11D4	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	8 H A Manosh Corporation	Ownerslast:	MARLOW
Ownersfirs:	DON & LINDA	Datereceiv:	10-JAN-86
Datecomple:	12-JUL-85	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	274		
Yieldgpm:	25		
Staticwate:	0		
Overburden:	20		
Casingleng:	40		
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:	SB291
Latdegree:	44	Latminutes:	50
Latseconds:	26.5678997039795	Longdegree:	73
Longminute:	4	Longsecond:	33.9342002868652
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:	55081	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089790

**9**  
**South**  
**1/2 - 1 Mile**  
**Higher**

**VT WELLS VT4000000089270**

Recordid:	137445	Town:	St. Albans Town
Wellreport:	190	Tag:	Not Reported
Mapcell:	11D5	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc		
Ownersfirs:	JAMES	Ownerslast:	WARNER
Datecomple:	20-AUG-80	Datereceiv:	13-NOV-80
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	363		
Yieldgpm:	1		
Staticwate:	20		
Overburden:	14		
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:	Not Reported	Drillingme:	Rotary (AP)
Casingfini:	Not Reported	Casingseal:	Other
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisp:	SB190
Latdegree:	44	Latminutes:	49
Latseconds:	27.5699996948242	Longdegree:	73
Longminute:	4	Longsecond:	29.7408008575439
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:	54982	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089270

**B10  
NW  
1/2 - 1 Mile  
Lower**

**VT WELLS VT4000000089742**

Recordid:	137543	Town:	St. Albans Town
Wellreport:	290	Tag:	375B
Mapcell:	11D1	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc		
Ownersfirs:	ROD	Ownerslast:	VALLEE
Datecomple:	12-SEP-85	Datereceiv:	25-OCT-85
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	101		
Yieldgpm:	60		
Staticwate:	0		
Overburden:	93		
Casingleng:	101		
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:	Business Establishment
Wellreason:	New Supply	Drillingme:	Rotary (AP)
Casingfini:	Above ground, finished	Casingseal:	Shoe & grout bottom
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	SB290
Latdegree:	44	Latminutes:	50
Latseconds:	21.2819004058838	Longdegree:	73
Longminute:	5	Longsecond:	4.53779983520508
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:	55080	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089742

**11  
ESE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000089417**

Recordid:	172608	Town:	St. Albans Town
Wellreport:	23037	Tag:	23037
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	191 David Chevalier Chevalier Drilling Co Inc		
Ownersfirs:	Maurice	Ownerslast:	LeBlanc
Datecomple:	31-OCT-02	Datereceiv:	03-DEC-02
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	522		
Yieldgpm:	0		
Staticwate:	0		
Overburden:	29		
Casingleng:	40		
Casingdiam:	6		
Casinglbel:	38		
Casingmate:	Steel		
Casingweig:	19		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Clay/Seal Bentonite		
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:	Shoe & grout bottom
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquегisn:	SA23037
Latdegree:	44	Latminutes:	49
Latseconds:	44.0038986206055	Longdegree:	73
Longminute:	3	Longsecond:	52.4879989624023
Locdetermi:	Welldriller/Clarion		
E911adres:	Vt. Rte. 105		
Welltype:	Bedrock		
Casingle 1:	2		
Depthtolin:	0		
Hydrofract:	1		
Hydrofra 1:	1.25		
Welllocsub:	Y	Sealtype:	Not Reported
Yieldtestt:	1		
Recordnumb:	90242	Uoe:	MARYT
Doe:	16-JAN-03	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089417

**12  
SE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000089325**

Recordid:	137768	Town:	St. Albans Town
Wellreport:	518	Tag:	140/1018A
Mapcell:	11D4	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc		
Ownersfirs:	RICHARD	Ownerslast:	CORNFORTH
Datecomple:	03-AUG-95	Datereceiv:	12-OCT-95
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	252		
Yieldgpm:	20		
Staticwate:	0		
Overburden:	10		
Casingleng:	21		
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:	Replace existing 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:	SB518
Latdegree:	44	Latminutes:	49
Latseconds:	33.4081001281738	Longdegree:	73
Longminute:	4	Longsecond:	2.57399988174438
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:	55305	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089325

**B13  
NW  
1/2 - 1 Mile  
Lower**

**VT WELLS VT4000000089774**

Recordid:	137456	Town:	St. Albans Town
Wellreport:	201	Tag:	Not Reported
Mapcell:	11D1	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	18 Edward Feeley J. A. Feeley & Sons, Inc.		
Ownersfirs:	Not Reported	Ownerslast:	AUTOTOWN
Datecomple:	29-MAR-81	Datereceiv:	05-JUN-81
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	155		
Yieldgpm:	50		
Staticwate:	12		
Overburden:	122		
Casingleng:	125		
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:	Business Establishment
Wellreason:	Not Reported	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	Uniquegisl:	SB201
Latdegree:	44	Latminutes:	50
Latseconds:	24.4860000610352	Longdegree:	73
Longminute:	5	Longsecond:	5.47139978408813
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:	54993	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089774

**14  
North  
1/2 - 1 Mile  
Lower**

**VT WELLS VT4000000089847**

Recordid:	137549	Town:	St. Albans Town
Wellreport:	296	Tag:	407B
Mapcell:	11D4	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc	Ownerslast:	COUNOS
Ownersfirs:	WILLIAM	Datereceiv:	28-JAN-86
Datecomple:	18-OCT-85	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	480		
Yieldgpm:	4		
Staticwate:	0		
Overburden:	66		
Casingleng:	67		
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:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquегisn:	SB296
Latdegree:	44	Latminutes:	50
Latseconds:	34.907901763916	Longdegree:	73
Longminute:	4	Longsecond:	34.0169982910156
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:	55086	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089847

**15  
NNW  
1/2 - 1 Mile  
Lower**

**VT WELLS VT4000000089820**

Recordid:	137790	Town:	St. Albans Town
Wellreport:	3053	Tag:	31/1245A
Mapcell:	11D1	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc	Ownerslast:	BOURDEAU
Ownersfirs:	MIKE	Datereceiv:	29-APR-97
Datecomple:	27-MAR-97	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	52		
Yieldgpm:	12		
Staticwate:	0		
Overburden:	17		
Casingleng:	22		
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:	Replace existing 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:	SB3053
Latdegree:	44	Latminutes:	50
Latseconds:	31.5419998168945	Longdegree:	73
Longminute:	4	Longsecond:	59.8632011413574
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:	55327	Uoe:	Not Reported
Doe:	26-OCT-00	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089820

**16  
NNW  
1/2 - 1 Mile  
Lower**

**VT WELLS VT4000000089904**

Recordid:	137295	Town:	St. Albans Town
Wellreport:	39	Tag:	Not Reported
Mapcell:	11D4	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	18 Edward Feeley J. A. Feeley & Sons, Inc.		
Ownersfirs:	MERRILL	Ownerslast:	HUNGERFORD
Datecomple:	12-APR-71	Datereceiv:	09-JUN-71
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	733		
Yieldgpm:	60		
Staticwate:	115		
Overburden:	52		
Casingleng:	60		
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:	Business Establishment
Wellreason:	Not Reported	Drillingme:	Rotary (AP)
Casingfini:	Not Reported	Casingseal:	Not Reported
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquегisn:	SB39
Latdegree:	44	Latminutes:	50
Latseconds:	42.5400009155273	Longdegree:	73
Longminute:	4	Longsecond:	47.6189994812012
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:	54832	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT400000089904

**C17  
North  
1/2 - 1 Mile  
Lower**

**VT WELLS VT400000089922**

Recordid:	161187	Town:	Swanton
Wellreport:	13084	Tag:	13084
Mapcell:	11D4	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	191 David Chevalier Chevalier Drilling Co Inc	Ownerslast:	Bracey
Ownersfirs:	Edward	Datereceiv:	10-FEB-00
Datecomple:	16-NOV-99	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	663		
Yieldgpm:	.5		
Staticwate:	0		
Overburden:	0		
Casingleng:	0		
Casingdiam:	0		
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:	Not Reported
Casingfini:	Not Reported	Casingseal:	Not Reported
Yieldtestm:	Not Reported	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	S813084
Latdegree:	44	Latminutes:	50
Latseconds:	45.4140014648438	Longdegree:	73
Longminute:	4	Longsecond:	26.1366004943848
Locdetermi:	screen digitized		
E911adres:	2527 Highgate Rd., St. Albans, VT		
Welltype:	Not Reported		
Casingle 1:	0		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	N	Sealtype:	Not Reported
Yieldtestt:	0		
Recordnumb:	78732	Uoe:	MARIONO
Doe:	02-MAR-00	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089922

**C18  
North  
1/2 - 1 Mile  
Lower**

**VT WELLS VT4000000089934**

Recordid:	141046	Town:	Swanton
Wellreport:	134	Tag:	Not Reported
Mapcell:	11D4	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc		
Ownersfirs:	RODOLPH	Ownerslast:	BOURDEAU
Datecomple:	23-JUN-76	Datereceiv:	29-JUL-76
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	240		
Yieldgpm:	33		
Staticwate:	19		
Overburden:	78		
Casingleng:	85		
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:	Other
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegisn:	S8134
Latdegree:	44	Latminutes:	50
Latseconds:	46.5601005554199	Longdegree:	73
Longminute:	4	Longsecond:	28.5263996124268
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:	58585	Uoe:	Not Reported
Doe:	12-JAN-09	Uoc:	GISLatLongUpdater



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089934

**19  
SSE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000089150**

Recordid:	137531	Town:	St. Albans Town
Wellreport:	278	Tag:	250B
Mapcell:	11D5	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc		
Ownersfirs:	DR. J. MICHEAL	Ownerslast:	SCHNELL
Datecomple:	31-DEC-94	Datereceiv:	04-JUN-85
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	700		
Yieldgpm:	0		
Staticwate:	0		
Overburden:	5		
Casingleng:	21		
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:	Shoe & grout bottom
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	SB278
Latdegree:	44	Latminutes:	49
Latseconds:	12.2580003738403	Longdegree:	73
Longminute:	4	Longsecond:	13.3643999099731
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:	55068	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT400000089150

**20  
NW  
1/2 - 1 Mile  
Lower**

**VT WELLS VT400000089858**

Recordid:	137586	Town:	St. Albans Town
Wellreport:	336	Tag:	44
Mapcell:	11D1	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc	Ownerslast:	MOORE
Ownersfirs:	MISS KATHERINE	Datereceiv:	24-APR-87
Datecomple:	06-APR-87	Purchaserl:	Not Reported
Purchaserf:	Not Reported		
Welldepth:	523		
Yieldgpm:	0		
Staticwate:	0		
Overburden:	51		
Casingleng:	55		
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:	Shoe & grout bottom
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	SB336
Latdegree:	44	Latminutes:	50
Latseconds:	35.7000999450684	Longdegree:	73
Longminute:	5	Longsecond:	18.4349994659424
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:	55123	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089858

**21  
ESE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000089451**

Recordid:	137324	Town:	St. Albans Town
Wellreport:	68	Tag:	Not Reported
Mapcell:	11D5	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	18 Edward Feeley J. A. Feeley & Sons, Inc.		
Ownersfirs:	LEON	Ownerslast:	TESSIER
Datecomple:	09-OCT-73	Datereceiv:	09-JAN-74
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	225		
Yieldgpm:	15		
Staticwate:	0		
Overburden:	35		
Casingleng:	40		
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:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	1
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegism:	SB68
Latdegree:	44	Latminutes:	49
Latseconds:	47.1300010681152	Longdegree:	73
Longminute:	3	Longsecond:	26.8302001953125
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:	54861	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089451

**22**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**VT WELLS VT4000000089938**

Recordid:	183609	Town:	Swanton
Wellreport:	33583	Tag:	33583
Mapcell:	Not Reported	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	191 David Chevalier Chevalier Drilling Co Inc		
Ownersfirs:	Not Reported	Ownerslast:	Primax Tractor Supply
Datecomple:	20-JUL-06	Datereceiv:	20-JUL-06
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	380		
Yieldgpm:	13		
Staticwate:	0		
Overburden:	67		
Casingleng:	80		
Casingdiam:	6		
Casinglbel:	78		
Casingmate:	Steel		
Casingweig:	19		
Linerlengt:	0		
Linerdiame:	0		
Linermater:	Not Reported		
Linerweigh:	0		
Grouttype:	Type III Portland Cement		
Diameterdr:	0		
Depthdrill:	0		
Screenmake:	Not Reported	Screenmate:	Not Reported
Screenleng:	0		
Screendiam:	0		
Screenslot:	0		
Depthofscr:	0		
Gravelsize:	Not Reported	Welluse:	Industrial
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:	S833583
Latdegree:	44	Latminutes:	50
Latseconds:	46.7999992370605	Longdegree:	73
Longminute:	4	Longsecond:	46
Locdetermi:	Not Reported		
E911address:	Vt Rte 207		
Welltype:	Bedrock		
Casingle 1:	2		
Depthtolin:	0		
Hydrofract:	0		
Hydrofra 1:	0		
Welllocsub:	Not Reported	Sealtype:	Not Reported
Yieldtestt:	1.5		
Recordnumb:	101369	Uoe:	MARYT
Doe:	30-JAN-07	Uoc:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089938

**23  
ESE  
1/2 - 1 Mile  
Higher**

**VT WELLS VT4000000089378**

Recordid:	137314	Town:	St. Albans Town
Wellreport:	58	Tag:	Not Reported
Mapcell:	11D5	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc		
Ownersfirs:	WILLIAM	Ownerslast:	SWENSEN
Datecomple:	11-JUN-73	Datereceiv:	03-AUG-73
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	102		
Yieldgpm:	12		
Staticwate:	28		
Overburden:	73		
Casingleng:	79		
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:	Other
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquegiss:	SB58
Latdegree:	44	Latminutes:	49
Latseconds:	38.7840003967285	Longdegree:	73
Longminute:	3	Longsecond:	28.5527992248535
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:	54851	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT400000089378

**24  
NW  
1/2 - 1 Mile  
Lower**

**VT WELLS VT400000089882**

Recordid:	137610	Town:	St. Albans Town
Wellreport:	360	Tag:	144-88
Mapcell:	11D1	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	174 Daniel Gosselin Gosselin Artesian Well Co Inc		
Ownersfirs:	PAUL	Ownerslast:	SENESAC
Datecomple:	21-SEP-88	Datereceiv:	14-OCT-88
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	750		
Yieldgpm:	0		
Staticwate:	160		
Overburden:	10		
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	Uniquegism:	SB360
Latdegree:	44	Latminutes:	50
Latseconds:	39.6300010681152	Longdegree:	73
Longminute:	5	Longsecond:	16.639799118042
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:	55147	Uoe:	Not Reported
Doe:	25-SEP-07	Uoc:	GISLatLongUpdater

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Doc: 10-APR-08 Site id: VT4000000089882

**25  
North  
1/2 - 1 Mile  
Lower**

**VT WELLS VT4000000089964**

Recordid:	141280	Town:	Swanton
Wellreport:	373	Tag:	232B
Mapcell:	11D4	Taxmap:	Not Reported
Subdivisio:	Not Reported	Lotnumber:	Not Reported
Driller:	36 Chevalier Drilling Company Inc		
Ownersfirs:	GERALD	Ownerslast:	GARVEY
Datecomple:	18-SEP-85	Datereceiv:	28-JAN-86
Purchaserf:	Not Reported	Purchaserl:	Not Reported
Welldepth:	127		
Yieldgpm:	8		
Staticwate:	0		
Overburden:	74		
Casingleng:	85		
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:	Drive shoe only
Yieldtestm:	Compressed air	Welldevelo:	Not Reported
Notsteelca:	0	Overflowin:	0
Wateranaly:	0	Wellscreen:	0
Awpartial:	0	Uniquегisn:	S8373
Latdegree:	44	Latminutes:	50
Latseconds:	49.9919013977051	Longdegree:	73
Longminute:	4	Longsecond:	30.6180000305176
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:	58819	Uoe:	Not Reported
Doe:	12-JAN-09	Uoc:	GISLatLongUpdater

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

Doc:

10-APR-08

Site id:

VT4000000089964



# 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
RICHFORD	48	1.1	1.3	0.2	8.3
ST. ALBANS TOWN1		1.1	0.6	0.4	2.2
BAKERSFIELD	17	1.1	0.9	0.2	3.6
BERKSHIRE	4	1.0	0.6	0.4	1.7
ENOSBURG	50	1.2	1.0	0.1	4.4
FAIRFIELD	37	1.1	0.9	0.2	4.6
FRANKLIN	37	1.5	1.3	0.3	6.1
HIGHGATE	29	1.5	1.4	0.2	4.9
MONTGOMERY	16	1.7	1.8	0.2	6.8
SHELDON	37	1.6	1.4	0.2	6.2
ST. ALBANS CITY	206	1.3	1.5	0.1	9.1
SWANTON	160	1.2	2.1	0.0	17.7

Federal EPA Radon Zone for FRANKLIN 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: 05478

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	7.850 pCi/L	50%	50%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.620 pCi/L	80%	20%	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 D



**Eveready Facility**

75 Swanton Road

Saint Albans, VT 05478

Inquiry Number: 4110369.3

October 20, 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

10/20/14

**Site Name:**

Eveready Facility  
75 Swanton Road  
Saint Albans, VT 05478

**Client Name:**

Weston & Sampson  
P.O. Box 189  
Waterbury, VT 05676

EDR Inquiry # 4110369.3

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:** Eveready Facility  
**Address:** 75 Swanton Road  
**City, State, Zip:** Saint Albans, VT 05478  
**Cross Street:**  
**P.O. #** NA  
**Project:** Eveready Facility  
**Certification #** F1CD-450D-AD55



Sanborn® Library search results  
Certification # F1CD-450D-AD55

## UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

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

*The Sanborn Library LLC Since 1866™*

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# APPENDIX E





**Eveready Facility**

75 Swanton Road

Saint Albans, VT 05478

Inquiry Number: 4110369.4

October 20, 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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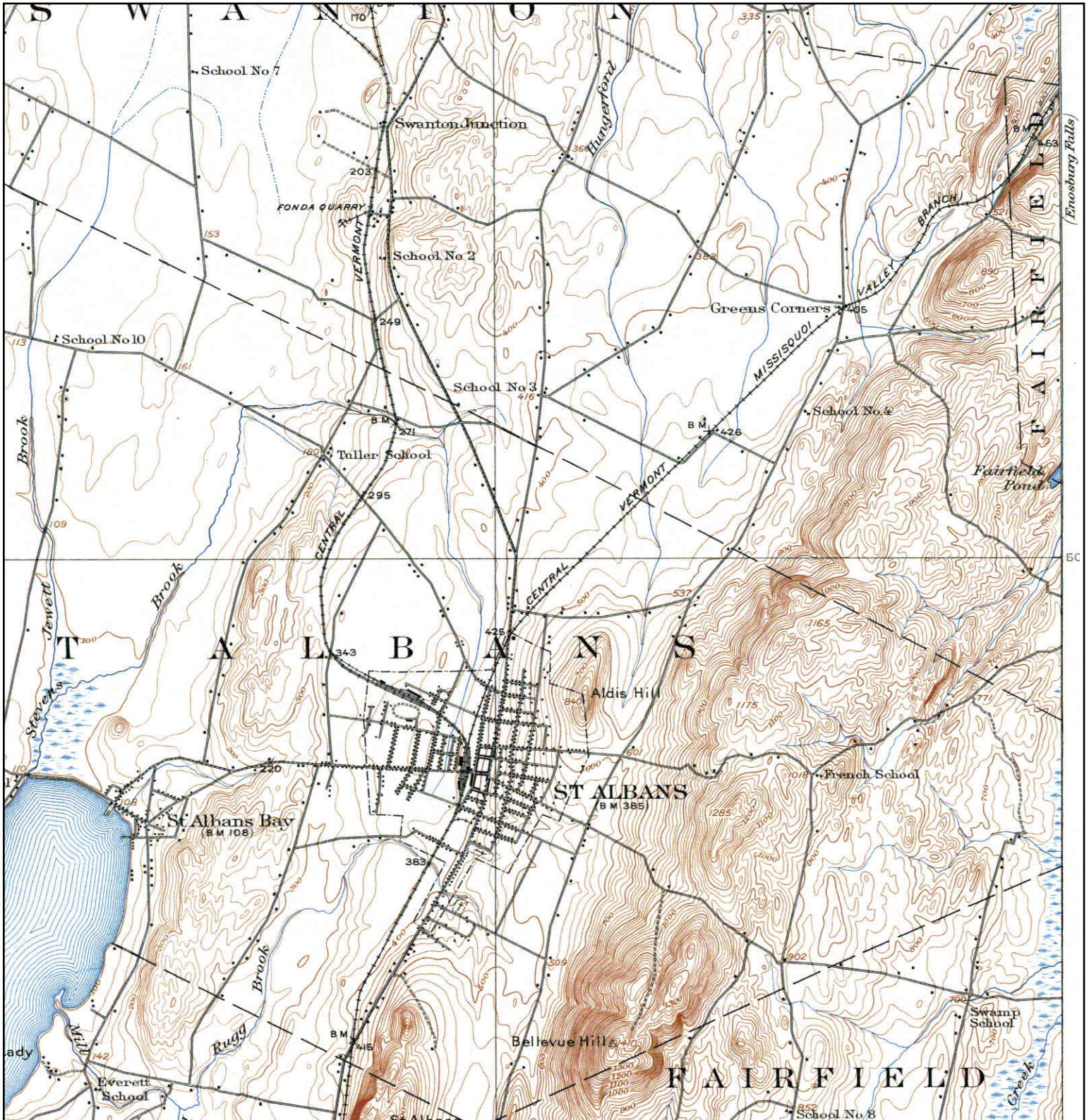
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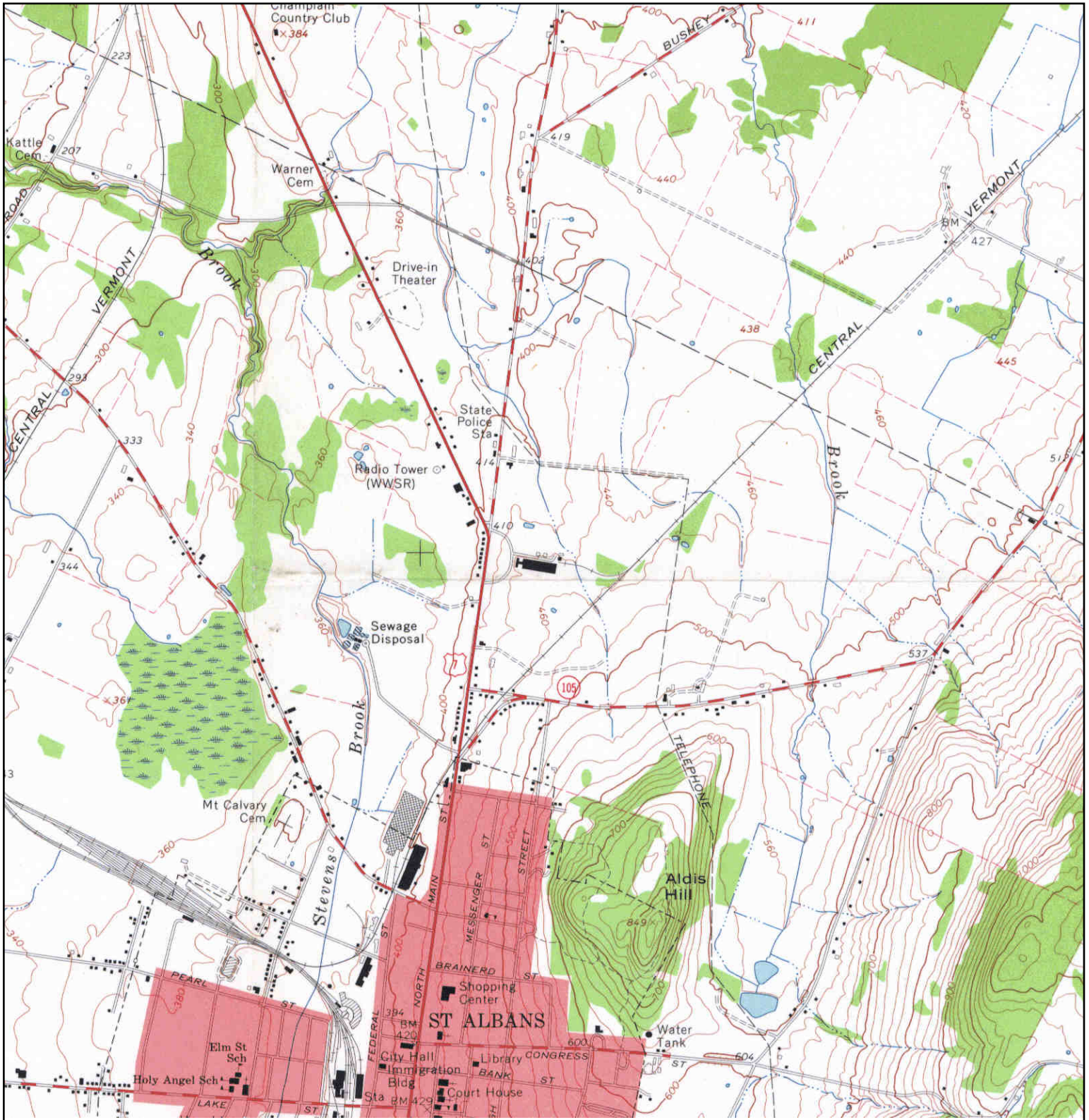
# Historical Topographic Map



	<b>TARGET QUAD</b> NAME: SAINT ALBANS MAP YEAR: 1916	SITE NAME: Eveready Facility ADDRESS: 75 Swanton Road Saint Albans, VT 05478 LAT/LONG: 44.8329 / -73.0761	CLIENT: Weston & Sampson Engineers, Inc CONTACT: Jim Rose INQUIRY#: 4110369.4 RESEARCH DATE: 10/20/2014
	SERIES: 15 SCALE: 1:62500		



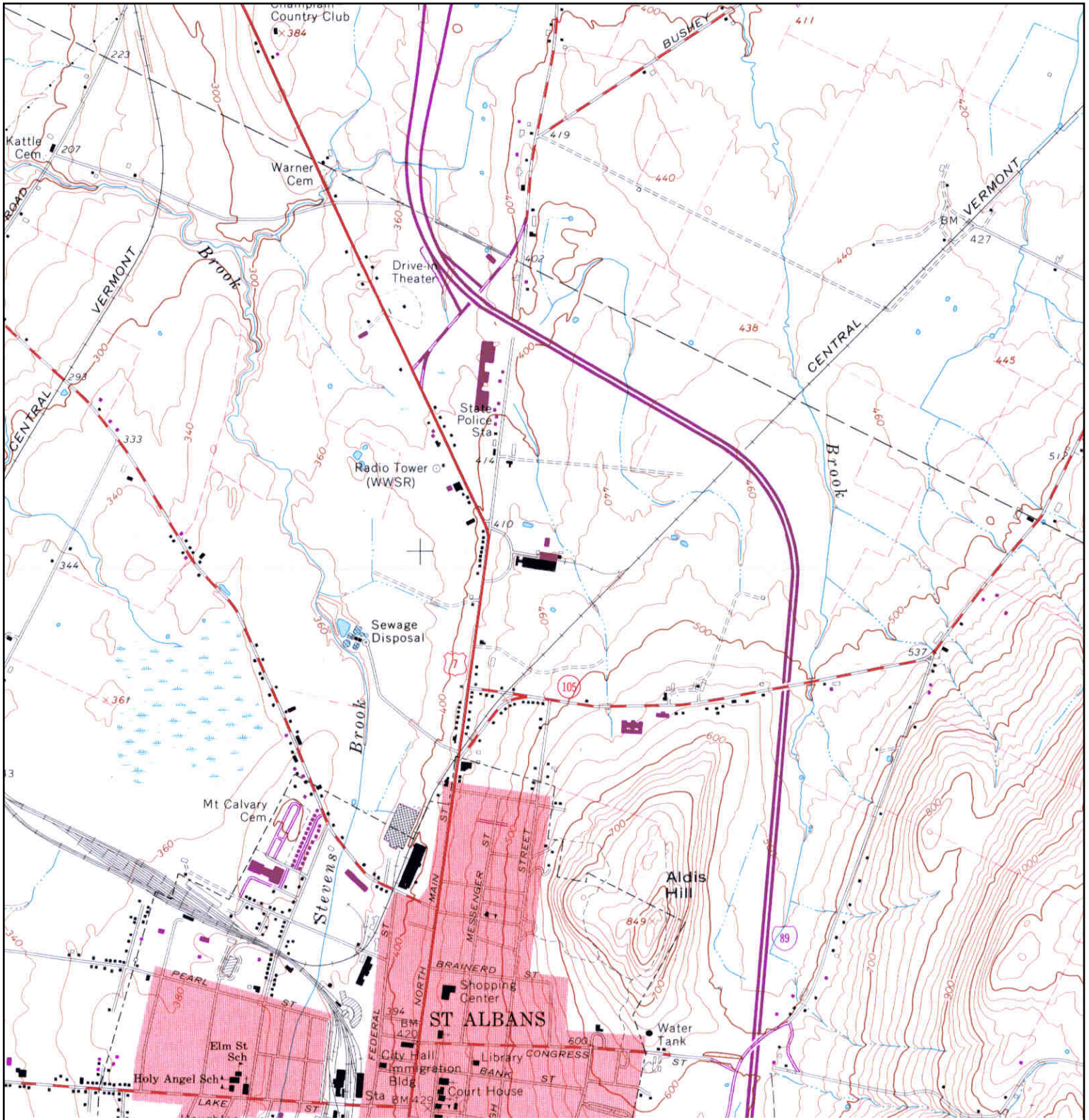
# Historical Topographic Map




<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: SAINT ALBANS                  MAP YEAR: 1964</p>	<p><b>SITE NAME:</b> Eveready Facility  <b>ADDRESS:</b> 75 Swanton Road                  Saint Albans, VT 05478  <b>LAT/LONG:</b> 44.8329 / -73.0761</p>	<p><b>CLIENT:</b> Weston &amp; Sampson Engineers, Inc  <b>CONTACT:</b> Jim Rose  <b>INQUIRY#:</b> 4110369.4  <b>RESEARCH DATE:</b> 10/20/2014</p>
	<p><b>SERIES:</b> 7.5  <b>SCALE:</b> 1:24000</p>		



# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Eveready Facility	<b>CLIENT:</b> Weston & Sampson Engineers, Inc
	NAME: SAINT ALBANS	<b>ADDRESS:</b> 75 Swanton Road	<b>CONTACT:</b> Jim Rose
	MAP YEAR: 1972	Saint Albans, VT 05478	<b>INQUIRY#:</b> 4110369.4
	PHOTOREVISED FROM :1964	<b>LAT/LONG:</b> 44.8329 / -73.0761	<b>RESEARCH DATE:</b> 10/20/2014
	SERIES: 7.5		
	SCALE: 1:24000		



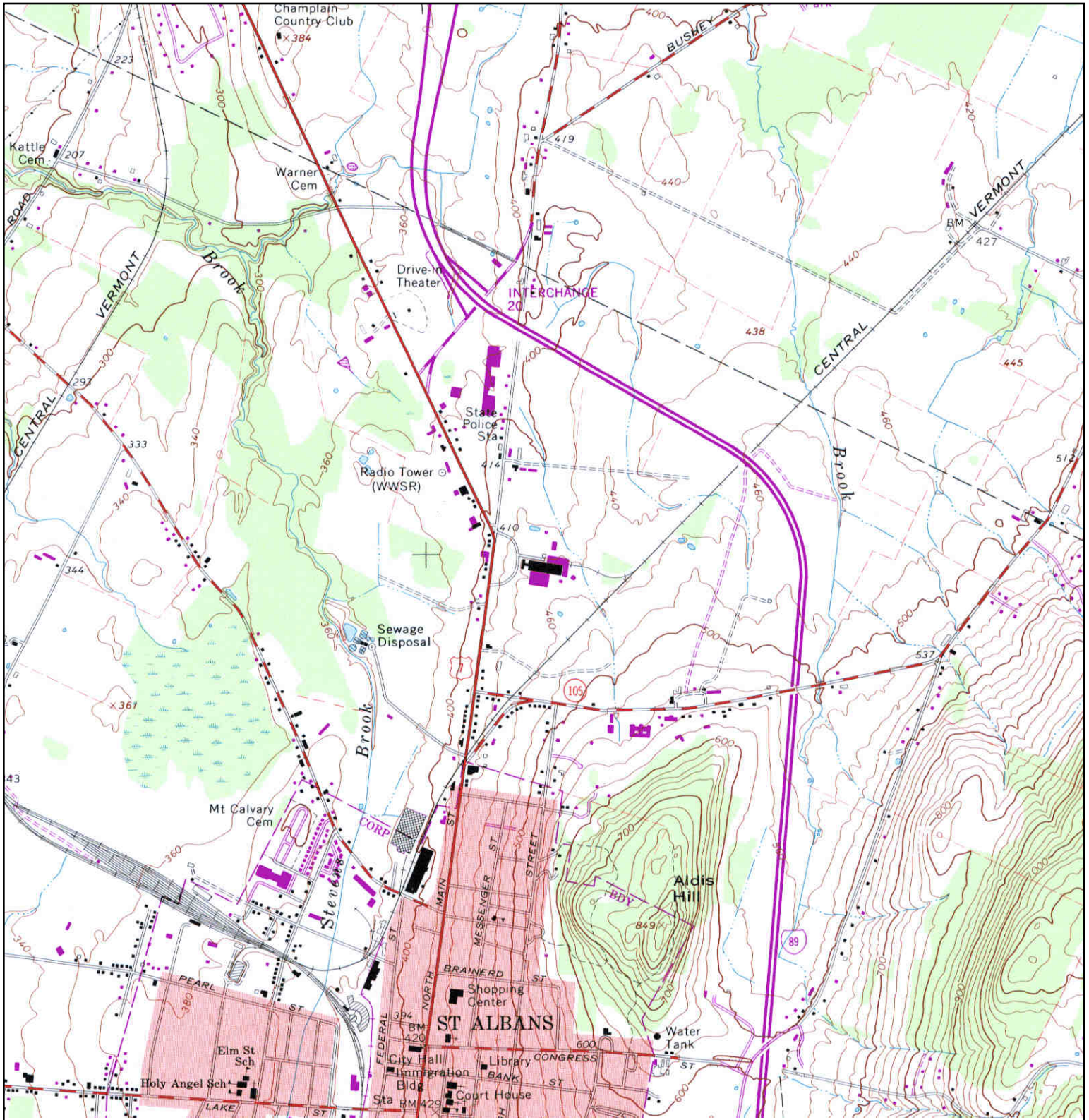
# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Eveready Facility	<b>CLIENT:</b> Weston & Sampson Engineers, Inc
	<b>NAME:</b> LAKE CHAMPLAIN NORTH	<b>ADDRESS:</b> 75 Swanton Road Saint Albans, VT 05478	<b>CONTACT:</b> Jim Rose
	<b>MAP YEAR:</b> 1986	<b>LAT/LONG:</b> 44.8329 / -73.0761	<b>INQUIRY#:</b> 4110369.4
	<b>SERIES:</b> 30		<b>RESEARCH DATE:</b> 10/20/2014
	<b>SCALE:</b> 1:100000		



# Historical Topographic Map



<p>N ↑</p>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Eveready Facility	<b>CLIENT:</b> Weston & Sampson Engineers, Inc
	NAME: SAINT ALBANS	<b>ADDRESS:</b> 75 Swanton Road	<b>CONTACT:</b> Jim Rose
	MAP YEAR: 1987	Saint Albans, VT 05478	<b>INQUIRY#:</b> 4110369.4
	PHOTOREVISED FROM :1964	<b>LAT/LONG:</b> 44.8329 / -73.0761	<b>RESEARCH DATE:</b> 10/20/2014
	SERIES: 7.5		
	SCALE: 1:24000		

# APPENDIX F





**Eveready Facility**

75 Swanton Road

Saint Albans, VT 05478

Inquiry Number: 4110369.9

October 21, 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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**Date EDR Searched Historical Sources:**

Aerial Photography October 21, 2014

**Target Property:**

75 Swanton Road

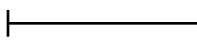
Saint Albans, VT 05478

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1962	Aerial Photograph. Scale: 1"=500'	Flight Date: May 10, 1962	EDR
1972	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1972	USGS
1981	Aerial Photograph. Scale: 1"=1000'	Flight Date: May 08, 1981	EDR
1993	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1993	USGS
1995	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: April 25, 1995	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 #:** 4110369.9

**YEAR:** 1962

 = 500'





INQUIRY #: 4110369.9

YEAR: 1972

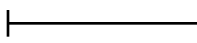


| = 500'



**INQUIRY #:** 4110369.9

**YEAR:** 1981

 = 1000'





**INQUIRY #:** 4110369.9

**YEAR:** 1993

| = 500'







INQUIRY #: 4110369.9

YEAR: 1995

| = 500'







**INQUIRY #:** 4110369.9

**YEAR:** 2006

| = 500'







**INQUIRY #:** 4110369.9

**YEAR:** 2008

— = 500'







INQUIRY #: 4110369.9

YEAR: 2009

| = 500'

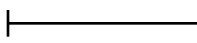






INQUIRY #: 4110369.9

YEAR: 2011

 = 500'







INQUIRY #: 4110369.9

YEAR: 2012

| = 500'



# APPENDIX G



**Eveready Facility**

75 Swanton Road  
Saint Albans, VT 05478

Inquiry Number: 4110369.5  
October 23, 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  
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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 type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services

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# FINDINGS

## TARGET PROPERTY STREET

75 Swanton Road  
Saint Albans, VT 05478

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

## SWANTON RD

2013	pg A1	Cole Information Services
2008	pg A2	Cole Information Services
2003	pg A3	Cole Information Services
1999	pg A4	Cole Information Services
1992	pg A5	Cole Information Services

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**SWANTON RD 2013**

21	LORETTA PAQUETTE
23	KEVIN MACHIA
24	NETTIE CUSSON
25	OCCUPANT UNKNOWN
26	DONNA RICHARDS
	GREGORY PARADIS
	RICHARD MALLOY
28	DEBBIE ERLING
30	OCCUPANT UNKNOWN
31	LIANNE FRECHETTE
42	OCCUPANT UNKNOWN
46	FREDERICK GRISGRABER
47	OCCUPANT UNKNOWN
53	JESSICA CORRIGAN
	JESSICA ODELL
63	DAVID WELSH
80	MONARCH MUSIC ACADEMY
88	OCCUPANT UNKNOWN
108	ROBERT LAVEE
116	SABRINA MOQUIN
124	COLIN LUMBA
126	TIM RICH
135	TERRY ROONEY
156	BUILDERS INC

**SWANTON RD 2008**

21	LORETTA PAQUETTE
23	SHAWN HYER
24	NETTIE CUSSON
26	RICHARD MALLOY
27	ROBERT CORLISS
28	ANN EVOLA
32	KEVIN MILLER
42	HARRY OLENA
51	DAVID WILCOX
80	AUTO DR BY NORM ROADMASTER AUTO SALES INC
88	OCCUPANT UNKNOWN
108	ROBERT LAVEE
114	RYAN LEGAULT
116	M WILSON
124	COLIN LUMBA
126	TIM RICH
138	OCCUPANT UNKNOWN
156	BUILDERS INC

**SWANTON RD 2003**

21 LORETTA PAQUETTE  
22 OCCUPANT UNKNOWN  
23 SHAWN HYER  
25 OCCUPANT UNKNOWN  
27 OCCUPANT UNKNOWN  
28 KEVIN MACHIA  
30 BETTY PRIMEAU  
31 LIANNE CADIEUX  
32 FANNIE MILLER  
33 ROBERT CROSS  
42 CHRISTINE GRISGRABER  
47 AMY BUTLER  
MARIE CHARRON  
MARY REYNOLDS  
53 BONNIE ATKINS  
RACHEL LUDLAM  
63 GEORGE GRATTO  
HELEN LOVELETTE  
JANET SEYMOUR  
T BRIGHT  
75 OCCUPANT UNKNOWN  
80 AUTO DR  
ROADMASTER AUTO SALES  
102 DEAN PAGE  
106 RICK DEGRAFF  
108 OCCUPANT UNKNOWN  
114 ALAN BARRATT  
122 OCCUPANT UNKNOWN  
124 OCCUPANT UNKNOWN  
126 TIM RICH

Target Street

Cross Street

Source

✓

-

Cole Information Services

**SWANTON RD 1999**

30	BETTY PRIMEAU
47	OCCUPANT UNKNOWN
53	OCCUPANT UNKNOWN
114	ALAN BARRATT
122	ARMAND GREGOIRE
138	ROBERT ROONEY
146	BS DISCOUNT



Target Street

Cross Street

Source

✓

-

Cole Information Services

**SWANTON RD 1992**

121 HOWARD, WINDY  
MACHIA, RAYMOND

# APPENDIX H



**PHASE I ENVIRONMENTAL SITE  
ASSESSMENT**  
Energizer Battery Manufacturing, Inc.  
75 Swanton Road  
St. Albans, Vermont

Prepared for:  
Mr. Tom Houser  
Energizer Battery Manufacturing, Inc.  
25225 Detroit Road  
West Lake, OH 44145

*Project No. 08-202853.02*  
May 2014

Prepared by:  
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A large, stylized silhouette of a tree with a thick trunk and a rounded, leafy canopy. The tree is centered within a large, light-colored circle that is set against a green background. The bottom of the circle is partially obscured by a dark, textured band.

WHERE BUSINESS AND THE ENVIRONMENT CONVERGE

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- Appendix I Lien Report
- Appendix J Resumes of Environmental Professional and Inspector

## **1.0 OBJECTIVE, SCOPE, LIMITATIONS AND RELIANCE**

### **1.1 OBJECTIVE**

ECS has performed a Phase I Environmental Site Assessment (“ESA”) of the Energizer Battery Manufacturing, Inc. property consisting of two parcels of land: a 65.51 acre parcel which contains the main building and associated manufacturing complex, and an adjacent undeveloped 4.98 parcel referred to as the triangular lot both located at 75 Swanton Road in St. Albans, Vermont (**Figures 1, 2, and 3**). The purpose of the assessment is to identify *recognized environmental conditions* (“RECs”) at the site, as defined in American Society for Testing and Materials (“ASTM”) Standard Practice E 1527-13.<sup>1</sup>

### **1.2 SCOPE OF WORK AND LIMITATIONS**

The assessment was performed for Mr. Thomas Houser of Energizer Battery Manufacturing, Inc. (the “User”) in accordance with the scope of work dated November 7, 2013 and as modified in May of 2014. It is ECS’ understanding that Energizer Battery Manufacturing, Inc. is seeking to establish a baseline of environmental conditions in connection with a potential sale of the property. The assessment was performed in accordance with ASTM Standard Practice E 1527-13 (*Standard Practice for Environmental Assessments of Commercial Properties: Phase I Assessment Process*). ASTM non-scope items, including but not limited to evaluating radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, endangered species, indoor air quality and mold were not included in this assessment. No soil, water, air, building material or waste sampling was performed. However, at the request of the User, ECS reviewed and summarized Energizer Battery Manufacturing, Inc.’s available asbestos containing materials (ACM) reports, which is outside of the scope of a Phase I ESA.

### **1.3 RELIANCE**

This report was prepared for Energizer Battery Manufacturing, Inc. and is not to be relied upon by any other party without the written authorization of ECS. Use and/or reliance on this report are subject to all limitations specified in ASTM Standard Practice E 1527-13 and/or as specifically noted in the report itself.

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<sup>1</sup> The term “recognized environmental condition” is defined in ASTM E1527-13 as meaning “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

## **2.0 SUMMARY OF HAZARDOUS SITE FILES AND USER-PROVIDED ASBESTOS FILES**

### **2.1 SUMMARY OF USER-PROVIDED ACM FILES**

ECS conducted a review of asbestos management records provided by the User, which is outside of the scope of a Phase I ESA. The records provided spanned from 1987 through 2014. The most current document reviewed was prepared by Cardno ATC dated April 25, 2014, titled Asbestos Survey Update Report and included a consolidation of asbestos survey data. These records included project specific bulk building material inspection and sampling of suspected Asbestos Containing Building Materials (ACBM) and ACM related to the facility and production and industrial equipment used. Records also included abatement of materials related to specific projects including building alterations and repairs as well as changes to process line equipment that contained components containing asbestos. A comprehensive "Asbestos Containing Materials Control Plan" dated April 2001 and revised in August of 2009 was developed as a formal administrative approach to managing asbestos containing materials. This plan did include what could be termed a comprehensive facility inspection. ECS was not able to ascertain the completeness or accuracy of that inspection or other efforts that yielded the "Asbestos Containing Materials Control Plan".

Several types of ACM were reported to be present within the facility:

- Friable, Category I non-friable and Category II non-friable materials;
- Examples of friable ACM identified in this facility include thermal systems insulation (TSI) on piping, mechanical and production equipment.
- Vermiculite decking insulation in the office areas was identified.
- Category I non-friable building materials included materials such as packings and gaskets associated with mechanical and industrial equipment, and resilient floor coverings. Category II non-friable asbestos containing materials were identified throughout the facility. These materials included construction adhesives, joint compounds, textured paints and coatings.

Project specific asbestos abatement was conducted in various areas throughout the facility. Abatement includes removal of ACM or repair, where allowed by regulation of damaged ACM. These projects included asbestos abatement related to equipment changes and construction/renovation/demolition projects. These activities supported the in-place management plan and do not seem to have been directed at a wholesale removal of ACM and ACBM. Due to the nature of abatement projects conducted at the facility, it is likely that ACM are still present, especially in inaccessible areas and in areas where occupancy is limited.

### **2.2 SUMMARY OF HAZARDOUS SITE FILES**

ECS reviewed State of Vermont Hazardous Site file for the property, Site #77-0077. The following documents were reviewed in State of Vermont Hazardous Site files and Spill files including numerous annual monitoring reports that are not listed below:

- August 2010 Well Closure Report for Abandoned Wells, ECS
- August 2010 Discharge Permit No. 3-1488, authorizes discharge of organic solvent contaminated water to the City of St. Albans wastewater treatment facility
- January 2003 Remedial Alternatives Evaluation Report, ECS

- September 2002 Final Site Inspection Prioritization (SIP) Report, Roy F. Weston
- August 2002, Soil Pile Thinspreading Request for Paquin Motors, Heindel & Noyes, Inc.
- April 2002 Draft Site Inspection Prioritization Report, Roy F. Weston
- February 2002, Groundwater Interception Trench As-Built and Construction Summary Report, Eveready Battery Co., ECS
- August 2001, Work Plan for the Installation of a Groundwater Interceptor Trench, Marin Environmental
- July 2001, Request for “Contained-In” Determination for Excavated Soils, ECS
- November 2000 Technical Assessment and Response Team 2000 (START) Onsite Reconnaissance Trip Report, Roy F. Weston
- November 2000 Paquin Motors Corrective Action Plan, Heindel & Noyes, Inc.
- August 1998 Supplemental Site Investigation, Marin Environmental
- December 1998 Supplemental Site Investigation, Marin Environmental
- Comprehensive Project Management Plan (CPMP) for Groundwater Monitoring and Remedial Activities at Eveready Battery Co. prepared by Ground Water, Inc., originally prepared in 1992 by YWC Technologies.
- August – September 1992, Plating Room Remediation: Soil Excavation and Facility Decontamination, YWC
- January 1991 Soil Gas Survey Report, GTI
- August 1991, Subsurface Investigation Report, GTI
- April 1990, “Landfill Excavation – Eveready Battery Co.,” prepared by Eveready Battery Co.
- October 1990, Subsurface Investigation, Soil Gas Survey, GTI
- 1977 A Study of Ground Water Pollution Effects of Electroplating Sludge Disposal, Gerraghty and Miller
- The NUS Corporation’s May 18, 1988 Site Inspection Report
- 1972 Knight Consulting Engineers soils investigation (for structural purposes for plant expansion).

ECS also reviewed the RCRA generator file at the State of Vermont Department of Environmental Conservation (VT DEC) offices in Montpelier and the older portion of the file was reviewed on microfilm at the Middlesex Vermont State Public Records facility.

In summary, the factory has operated since 1947 producing flashlights, flashlight components, and batteries. It has operated as Union Carbide, Eveready, and Energizer. Environmental impacts to soil and groundwater have included releases of chlorinated volatile organic compounds (VOCs), mainly trichloroethene (TCE), as well as metals chromium, and nickel. Wastewater containing these compounds was previously treated in an onsite wastewater treatment system. Sludge was disposed of in a former onsite lagoon and spread around the lagoon to dry (EPA, Preliminary Assessment), and then the sludge was removed and buried in a former onsite landfill. In the 1980s, the former sludge lagoon was excavated with all sludge transferred to the landfill cells located near the former railroad spur (current walking path). The landfill was closed out and capped, then later in 1989 the four landfill cells were excavated and disposed of offsite, with confirmatory samples taken from the bottom of the four landfill cells. With permission from the VT DEC, the confirmatory soil samples were considered “clean” if they passed a TCLP test for metals of concern. The site is on the CERCLIS list and reported that no further action planned by the EPA.

The TCE groundwater contaminant plume is managed by a groundwater interceptor trench at the northern property boundary. TCE-contaminated groundwater is captured by the trench, and the effluent is tested



periodically for TCE concentration as a requirement of the discharge permit to the municipal sewer system.

Prior to installation of the groundwater interception trench TCE groundwater contamination migrated offsite onto the property to the north, now owned by Paquin Motors. During construction of the Paquin Motors building, soils were excavated for construction purposes, Heindel & Noyes, Inc. attributed TCE contamination in the excavated soils to the Energizer property. Soils were eventually approved by VTDEC for thinspreading at the Paquin Motors site.

The extent of the chromium and nickel contaminated groundwater has been defined and is monitored on a regular basis and findings reported to the VTDEC.

TCE concentrations in upstream surface water of the Gerbode Creek have decreased, but TCE concentrations do not exceed regulatory water standards before exiting the Energizer property.

The following reports provided key information about site environmental history and are summarized in greater detail:

**1990 Landfill Cell Excavation Report** – This report was prepared by Eveready to document their excavation of four landfill cells. Once the planned excavation of three cells began, a fourth cell was discovered based on the recollections of older employees, and excavated. Soils were excavated with confirmatory samples collected for TCLP analysis of metals from the base of the excavation.

Mr. Tom Houser of Energizer stated that additional test pits were advanced during the landfill excavation to search for additional cells of landfilled sludge, and none were located.

**1992 Plating Room Excavation Report** – During the removal of equipment from the plating room, staining was observed and subsequently soils from under the plating area were excavated until confirmatory soil samples exhibited metals concentrations below State-approved criteria.

**1994 CPMP report** - ECS reviewed the 1994 revised Comprehensive Project Management Plan (CPMP) for Groundwater Monitoring and Remedial Activities at Eveready Battery Co. prepared by Ground Water, Inc., originally prepared in 1992 by YWC Technologies. The report states that groundwater, surface water, and soils data collected at the Eveready site have revealed evidence of organics (VOCs) and inorganics (metals) chemical contamination. The CPMP incorporates all previously completed and proposed activities related to delineating the areal extent of chromium and nickel contamination in groundwater and soil; monitoring chromium and nickel contamination in soil; monitoring chromium and nickel contamination in groundwater; delineating the areal extent of VOC contamination in soil and groundwater; and remediating VOC contamination in groundwater.

The CPMP report states that prior to 1989, the manufacturing processes at the site generated five major waste streams: hydraulic and lubricating waste oils; electroplating wastewaters; electroplating sludge waste; spent halogenated solvents; and solid wastes. Waste oils from machine lubricants, machine oil changes, drip pans, and oily mop water were stored in two bulk storage tanks in the east warehouse of the facility. Waste oil was reportedly salvaged and transported offsite by to a reclamation facility.

Some solid waste was historically disposed in one of the former onsite landfills, and included scrap wood, wood pallets, paper, rags, and waste flashlight casings. Open pit burning on this onsite landfill of combustible non-metallic components was reportedly common prior to 1980. All onsite disposal ceased

with closure of the sludge lagoon in 1980, and since that time sludge and solid waste have been disposed of at offsite locations.

Waste solvents for degreasing operations were also reportedly generated. Degreasing operations were conducted beneath a large fume hood and the common practice for disposing of waste solvents was to allow them to evaporate “up the stack,” which was discontinued in the mid-1970s. Other waste solvents were stored in the coal yard, and area to the east of the heating plant where coal ash was disposed, and in a scrap area to the east of an intermittent stream (near OW-8).

Wastewaters from metal electroplating were pre-treated at the former onsite wastewater treatment plant and then piped to settling tanks located along the northern property boundary. Wastewaters contained nickel, chromium, zinc, iron, aluminum, copper, and emulsified oils. Anions such as fluoride, sulfate, chloride, phosphate, and nitrate were also present. Prior to 1973, sodium cyanide was used for electroplating and included in this waste stream. According to the CPMP report, the waste stream may have contained traces of degreasing solvents like trichloroethane (TCA), TCE, and methyl ethyl ketone (MEK).

In 1977, Geraghty and Miller, Inc. assessed the geologic suitability of the property for the permanent disposal of electroplating sludge in a report titled “A Study of Ground Water Pollution Effects of Electroplating Sludge Disposal, November 10, 1977.” Nineteen soil borings and seventeen groundwater monitoring wells were installed. Slightly elevated nickel and zinc were detected in one monitoring well, OW-8.

Wastewater treatment prior to 1980 involved pH adjustment and precipitation of metal hydroxides in a 200,000 gallon settling UST. Decanted liquids were discharged to the municipal sewer. Metal hydroxide sludge was periodically transferred to an unlined earthen lagoon just west of the settling tanks for dewatering through evaporation and infiltration. Some of the sludge was reportedly spread around the edges of the lagoon (using a manure spreader provided by a local farmer) in order to speed drying. It was then buried in unlined landfill cells at the northeast corner of the property. Sludge burial in the onsite landfill was discontinued in 1980, when the dewatering lagoon was excavated and contaminated soils were removed and buried in the landfill. The lagoon was backfilled with clean fill and crushed limestone, and capped with low permeability soils and top soil, overseen by the Vermont Department of Environmental Conservation (VT DEC).

In 1985 the VT DEC Hazardous Materials Management conducted a preliminary assessment to assess the need for a CERCLA inspection, and recommended one based on:

- Aquatic reported 30.1% volatile material, assumed to be organics, as a component of the electroplating sludge buried in the landfill, which had not been previously assessed
- No water quality monitoring had been performed near the former dewatering lagoon since 1977.
- Levels of organic solvents had not been previously assessed and reports conflicted about the fate of degreasing wastes.
- The site was adjacent to a dairy farm.
- Access to the site was not controlled.

The NUS Corporation concluded in 1988 that “hazardous substances attributable to Union Carbide have been released into groundwater beneath the facility.”

In October 1989, all four cells of the closed landfill were excavated with materials shipped offsite, and backfilled with clean fill and crushed limestone and capped. This was also overseen by the VT DEC. In a

February 25, 1992 meeting between Eveready and the VT DEC, it was agreed that no further remediation activities were needed in the area of the former landfill.

A hazardous waste area operated by Union Carbide was closed and decontaminated in 1984. The CPMP states that prior to the development of that hazardous waste storage area, drums were stored outside in the area known as the coal yard.

The CPMP report discussed the history of contamination beneath the former plating room, attributed to electrolytic fluids used in the plating process. Nickel and chromium electroplating of flashlight cases had been an integral part of operations since 1947. During the removal of electroplating equipment in 1990, stained and discolored soils were discovered beneath the floor. Visibly stained soils extended to a depth of at least six feet near the plating line, and graded upwards with distance. GTI performed an investigation in 1990. Five groundwater monitoring wells were installed within the plating room and outside of the south wall of the building. Hexavalent and total chromium were detected at elevated levels in groundwater and soil, and nickel was detected at elevated levels in soil. This report was available for review at ECS' offices.

GTI submitted a 1991 report titled "Subsurface Investigation for Nickel and Chromium." In 1991 and 1992, YWC installed 16 additional wells downgradient of the plating room. Chromium and nickel have been detected in groundwater. A soil excavation was performed beneath concrete flooring, and 788.27 tons of chromium and nickel contaminated soil was removed for offsite disposal. Soils left in place contained less than 100 ppm total chromium and/or 300 ppm total nickel as per the approval of VTDEC. The surfaces of the plating room were power washed and confirmed clean by wipe sampling.

In 1987, the VT DEC learned that landfill sludge analyzed in 1977 may contain 30.1% organic materials, which actually contained carbon, rags, wood, paper, detergents, soaps, and oils. Assuming that "organic" meant VOCs, VT DEC requested monitoring wells be tested for VOCs. TCE was detected in groundwater in the vicinity of the former coal yard and sludge dewatering lagoon, but not the landfill. GTI performed a soil gas survey and two areas of solvent contamination were defined. The northwest plume was located north of the former dewatering lagoon and attributed to the lagoon. The second northeast plume was located to the northeast of the main plant, approximately 200 feet downgradient from the former landfill area, and was attributed to the improper management of solvents, but not to the former landfill. Both plumes extended offsite at the time of discovery.

The CPMP report listed accidental spills or releases at the facility within 15 years of the preparation of the report:

- 1970, approximately 600 gallons of chromic acid release to the St. Albans wastewater treatment plant, required pH adjustment at the wastewater treatment plant
- 1982 plating solution waste spill due to a broken overdrain between two tanks, overflow was determined to contain 23 parts per million (ppm) nickel.
- 1983, 12,000 gallon effluent released to municipal sewer with 20 ppm chrome.
- 1983, sewer pipe rupture between the plant and the pre-treatment facility, releasing 5,000 gallons of wastewater. Soil within the spill area with nickel concentrations greater than 20 ppm were drummed, stored as hazardous waste. and then disposed offsite.
- A second 1983 spill from the same sewer pipe further down the sewer line. All soil contained less than 20 ppm nickel and no soil was therefore removed.
- 1983, holding tank in a pre-treatment facility overflowed about 5,000 gallons of untreated electroplating wastewater to the municipal sewer.
- 1984, obsolete plating chemicals were disposed to the pre-treatment facility, with discharges to the municipal sewer exceeding 2 ppm nickel.
- 1988, a leaking transformer was discovered in the engineering crib and cleaned up.

- 1992 fire in the “dry room” used for lithium battery manufacturing. An operator was placing bagged lithium in a drum when the fire started.

**Weston 2002 Draft Site Inspection Prioritization Report** – A “former dry well” is depicted on a site plan in a 2002 draft site inspection report prepared by Weston, but was not observed in other maps of the site (see **Figure 2** for approximate location). The status of this former dry well is unknown.

**RCRA File Review, File #VTD002065654** - A 1980 letter from Union Carbide regarding new RCRA regulations stated that the solid wastes generated onsite included MEK sludge, TCE sludge, plating sludge, nitrocellulose lacquer sludge, and Stoddard solvent.

Files indicated that Union Carbide was registered as a Waste Treatment Storage Facility for the storage of hazardous waste onsite prior to its shipment offsite. A hazardous waste storage facility was closed in the mid-1980s with approval from the State of Vermont. The facility was located in the “east warehouse.” The plan included decontamination, washing of all racks and floors, hydrochloric acid etching of the floor, and painting/epoxy sealing the floor.

EPA violations during a facility inspection in 1983 included the directive to separate incompatible materials (acids, solvents), increase aisle space, have a waste analysis plan, and a closure plan. Hazardous wastes generated in 1983 included waste oil, halogenated solvents, Stoddard solvent, heavy metal sludge, oil sludge from spill cleanup, plating bath sludge, nickel plating sludge, and lacquer.

As of the 1991 Eveready Battery Co. Location Emergency Response Plan, the most hazardous or potentially hazardous chemicals used at the site included: TCE, Hydrochloric acid, Sulfuric acid, Electrolyte, Lithium metal, Isopropyl alcohol, Gasoline, Fuel oil and Lubricating oil.

Plastics used included: polyethylene, polypropylene, polystyrene, and ABS. The 1991 report stated that there were no electrical devices with PCBs onsite. Radioactives included Am-241 for a roll coaster thickness gauge in Building 13, and Ra-226 for a dewpoint measurement device in Dry Room in Building 16.

A list of all hazardous wastes generated in 1991 included: wastewater treatment sludge, waste oil, waste oil sludge, mixed solvents, paint filters, solvent laden rags, lithium metal, lithium batteries, waste electrolyte, carbon/electrolyte, waste isopropyl alcohol, TCE, TCE-contaminated materials, carbon/TCE, and scrap cathode.

Several violations were issued during a 2011 State of Vermont RCRA inspection, but appeared to be due to technicalities, not due to actual environmental threats (e.g. labeling requirements, incorrect phone numbers for contact persons, etc.).

The 2011 RCRA inspection report contained a useful description of operations and hazardous waste use and management at the plant, which is excerpted below:

“Flashlight production consists of four lines of flashlights with distinct manufacturing processes: Economy Lights – made on an automated line with just one employee overseeing production.

Mid-grade flashlights – all the parts are made in the plant. Plastics bodies and reflectors are molded in-house, reflectors are flash coated with aluminum and the flashlights are hand-assembled.

Hurricane lights- all parts (except batteries) are made on-site and hand assembled.

Military-grade lights – parts made elsewhere and hand-assembled on-site. The only hazardous waste produced by this manufacturing line is defective circuit boards which are disposed of as D008 hazardous waste.

Plastic flashlight bodies and reflectors are produced by injection molding. The injection molding process produces primarily waste hydraulic oils (managed as used oil) and oil contaminated debris (VT02). Metals parts (springs, contacts) for the flashlights are also fabricated on-site. Molds are cleaned periodically with a caustic solution (D002 or D002/ D007 depending on composition of the mold).

The reflector portion of the flashlights is made of polyethylene that is flash-plated with aluminum. In the flash-plating process, the parts are loaded into a sealed vessel, a vacuum is created and then high voltage is applied to an aluminum source. The application of voltage causes the aluminum to vaporize and then condense onto the plastic parts.

Plant maintenance wastes include waste aerosols (D001), lead-paint chips from interior re-painting projects (D008), waste paints and paint thinners from re-painting (D001, VT02).

The southeast corner of the plant houses the AAA & AA lithium battery production lines, parts of which are enclosed inside a dry room (due to the tendency of lithium to react violently with water, this material is handled in the dry room where humidity is maintained below 1%).

The battery manufacturing process begins with the use of aluminum foil, which functions as a conveyor and a substrate for a cathode slurry. The cathode slurry (measured and mixed in a separate room mix room adjacent to the main production floor) is composed of iron disulfide, graphite, acetylene black and plasticizer in a trichloroethylene (TCE) carrier. Waste slurry (known as scrap cathode mix, D040/F002) is produced when technicians test the mix.

The slurry is applied onto the aluminum foil and then passed through a drying oven. Exhaust from the drying process contains TCE and is vented to a three-bed carbon absorption unit for reclamation (see description of reclamation process below). The foil then goes through a calendaring process where the dried slurry is spread to a uniform thickness; and then to the splitter where large roll is split into battery-width spools. The reels are then brought to the Dry Room where the battery manufacturing is completed. In the Dry Room, the cathode reels are first baked in a vacuum environment to drive off impurities. Then, the cathode strips are rolled up (“jelly roll” style) with a strip of plasticized paper and a strip of lithium metal (anode) marked with a nickel tab at 12-inch intervals. Once the nickel tab (which functions as a contact for the completed battery) is included in the roll, the strips are cut and the roll is inserted into a nickel-plated steel casing. A gasket, which has been treated with a solution of TCE and plastic to make it sticky, is placed on top of the roll in the casing, and the casing is crimped shut except for an injection hole. An organic electrolyte solution is injected into the can and a glass bead is forced into the injection hole to seal the gasket. Finally, the metal cap is placed over the gasket end of the canister, a label is affixed, and the batteries are sufficiently aged to stabilize the chemical reactions taking place. The batteries are then checked for resistance and voltage and packaged.

Wastes generated from this process include lithium metal from the end of anode reels (D003), and defective (unsealed) jelly rolls (D003). Sealed-but damaged lithium batteries are also generated and must be disposed. Energizer has made a determination based on knowledge that this waste is not hazardous. These damaged but sealed lithium batteries are handled as a solid waste and incinerated.

Oil-contaminated rags are generated from various locations throughout the facility. These rags are picked up and laundered by Coyne Textile. Solvent-contaminated rags, PPE and floor sweeps from spills

generated in the cathode production process are drummed and compacted on-site and disposed as hazardous waste (D040).

Solvent reclamation – TCE is used as the carrier for the cathode slurry and removed from the slurry during the baking process. The steam is then condensed to liquid and the TCE is adjusted and reused while the water is discharged to their wastewater system.

TCE is used and reclaimed about five times before it is no longer cost effective to reuse it. After the fifth use, it is no longer cost effective to add the amounts of booster that would be required to bring it back to specification for the manufacturing process. At this point, the waste TCE is shipped to the Chemrec facility in Cowansville, Quebec for re-packaging and re-distribution without further processing.

In order to operate the carbon absorption unit, Energizer has a construction permit issued by the Vermont Air Pollution Control Division. The facility has a wastewater discharge permit for discharge to the municipal wastewater treatment plant that allows them to discharge wastewater with a TCE concentration of  $\leq 2$  parts per million.”

There are two short-term storage areas (STSAs) at the facility: one in the flashlight manufacturing area (which receives waste from the flashlight manufacturing maintenance throughout the facility), and; a second in the battery production area (that receives reactive lithium waste from the dry rooms and TCE waste).”

#### **“Triangular Lot”**

ECS has performed environmental investigations on the “Triangular Lot” portion of the property for Energizer. In 2004, ECS performed a combined Phase I/Phase II ESA of the “Triangular Lot” parcel. ECS identified several environmental issues:

1. Soils impacted by TCE attributed to the Energizer site, which was considered to be a REC
2. Groundwater impacted by TCE attributed to the Energizer site, which was considered to be a REC.
3. A possible former gasoline service station at the “Triangular Lot” site, according to a property neighbor, but with no documentation to confirm this. This issue was considered to be a *de minimis* condition, because petroleum related contaminants were not encountered during the Phase II assessment, and a magnetic survey did not reveal any magnetic anomalies.
4. Runoff from the Energizer stormwater detection basin was considered to be a *de minimis* condition, because swale surface water testing did not reveal an environmental impact to the “Triangular Lot.”

The “Triangular Lot” did not have a separate parcel identification number from the Energizer parcel at the time of the 2004 assessment. ECS was able to confirm through old lister’s vault books that several cabins were located on the “Triangular Lot” in the 1940s.

The “Triangular Lot” was described as below:

“The site is bounded to the east by the former Highgate Road (referred to as “Old Highgate Road”), which has been blocked off for vehicular traffic, and is currently grassed over. Franklin Park West and



U.S. Route 7 bound the site to the north and west, respectively. The property consists of grassland, the southern tip of which is kept mowed in the summer months by Energizer. The southeastern edge of the subject property is lined by nine sizeable maple trees. Two 12-inch stormwater culverts, which route stormwater runoff through the Energizer property under the former Highgate Road, are located along the southeastern property boundary. The southern culvert accepts overflow from the Energizer stormwater detention basin; the northern culvert accepts surface runoff from a swale that runs along the eastern side of the former Highgate Road. Two stormwater drainage swales lead from the culverts through the southern end of the property. Except for the Energizer plant to the east, property uses surrounding the site are commercial.”

In 2009 a Supplemental Site Investigation was performed by ECS, and TCE was detected in groundwater and soils on southern portion of that lot. The groundwater detections on the “Triangular Lot” did not exceed the Vermont Groundwater Enforcement Standards (VGES) in one monitoring well.

#### **UST File Review, UST #5242151**

ECS obtained the State of Vermont underground storage tank (UST) file for the site, which consisted only of a registration and closure form from 1986. Five USTs installed during the 1970s were removed at that time, and no new USTs were installed to replace them. These five removed USTs are approximately located on **Figure 3** by ECS based on measurements off of building corners presented in the UST file. The USTs included two 15,000 gallon fuel oil USTs and a 33,000 gallon UST to the northwest of the plant. A 1,000 gallon gasoline UST near the northern wall of the plant was also removed. This UST was visible in the 1979 site plan for the site (**Figure 4**, and ECS also included it in **Figure 3**). A 2,500 gallon waste oil UST was also removed near the eastern side of the plant. A 1982 SPCC plan in the RCRA file for the site references a 2,000 gallon waste oil UST outside of Building 13, which corresponds to this location. The file does not reference any environmental investigations as part of the UST removals.

The UST file does not reference a fuel oil tank near the northeastern building corner which is depicted in a 1979 site plan (**Figure 4**.)

The UST file does not reference any older generations of USTs prior to the USTs removed in 1986, which were installed in the 1970s.

A 1982 SPCC plan for the site references three fuel oil tanks at the southeast corner of the parking lot, forty feet from the boiler house. The plan does not indicate whether these were aboveground or below ground tanks, but roughly correspond to the “fuel oil tank” shown in the 1979 site plan.

#### **Spills files**

According to the State of Vermont online database, there are three reported Spills for the property. These included:

- 2004-WMD418, an 80 – 90 gallon spill of TCE to the floor within the plant. Clean Harbors cleaned up the spill on the floor (30 – 40 gallons) and Energizer estimated that 100 lbs. of TCE was released from the building through roof top ceiling fans, with no opportunity to recover it.
- 2006-WMD005 – Roughly 50 – 150 gallons of TCE were released to the St. Albans wastewater system due to a malfunction in the closed loop TCE recovery system.
- 2008-WMD424 – 8 to 9 gallons of TCE were spilled to the concrete floor due to a mechanical failure, and cleaned up by Triumverate Environmental.

### 3.0 CURRENT SITE CHARACTERISTICS

#### 3.1 GENERAL SITE CHARACTERISTICS

The site characteristics as determined at the time of this assessment are summarized below. **Figure 1** is a site location map. **Figure 2** is a site plan and **Figure 3** is a detail of the site plan focusing on the plant at the site. Photographs are provided as **Appendix A**. A tax map depicting the site is provided as **Appendix B**, along with the most recent assessor's card for the property. According to EDR's Property Tax Map Report, there is no online coverage of tax maps for the site.

SITE SUMMARY TABLE	
<b>Site Address:</b> 75 Swanton Rd.	
<b>Town:</b> St. Albans Town	<b>County:</b> Franklin <b>State:</b> Vermont
<b>Tax map designation:</b>	17-011-021
<b>Property Area:</b>	65.51 acres (main parcel) plus 4.98 acres ("triangular lot") <b>Building Area:</b> 196,000 square feet
<b>Property Owner:</b> Energizer Battery Manufacturing, Inc.	
<b>Site Occupants:</b> Energizer Battery Manufacturing, Inc.	
<b>Site Utilities:</b>	
<b>Municipal Sewer:</b>	Yes
<b>On-Site Septic System:</b>	No
<b>Municipal Water:</b>	Yes
<b>On-Site Drinking Water Well:</b>	No
<b>ECS Inspection Personnel:</b>	Beth Erickson
<b>Inspection Date/Time:</b>	December 4, 2013, 8 am
<b>Weather Conditions:</b>	Sunny, 30's Fahrenheit

#### 3.2 SITE IMPROVEMENTS

The site is improved by a roughly 196,000 square foot battery and flashlight manufacturing facility, a paved parking lot, a stormwater retention pond, a walking trail/former railroad spur, and a leased agricultural field.

#### 3.3 ADJOINING PROPERTIES

The following properties adjoin the site:

DIRECTION	DESCRIPTION
<i>North</i>	Franklin Park West, Paquin Motors, storage facility, car sales/service
<i>East</i>	Rail trail (former railroad line), undeveloped beyond this
<i>South</i>	Residential subdivision
<i>West</i>	U.S. Route 7, commercial and residential beyond this



## 4.0 SITE HISTORY

Information pertaining to site ownership, structures, and usage and storage of petroleum products and hazardous substances was obtained through interviews with knowledgeable parties, review of Sanborn Fire Insurance Company maps, city directories, aerial photographs, topographic maps, previous assessments and/or municipal records when such sources were readily available.

### 4.1 INTERVIEW SUMMARY

ECS interviewed Mr. William Baker, the former Environmental Coordinator for the site, who is now retired, but worked at the facility starting circa the early 1990s. ECS also obtained information related to facility operations from Mr. Tom Houser of Energizer. Mr. Baker provided access to the building and answered questions regarding the operations. Mr. Baker stated that the facility was constructed in 1947 and originally operated as Union Carbide. Most building additions were constructed in the 1970s. It was reportedly constructed to be a flashlight manufacturing business, and operated solely as a flashlight facility until the early 1990s when lithium batteries for flashlights began to be manufactured. The flashlight manufacturing included nickel and chrome plating. Until recently, the plant reportedly manufactured flashlights, packaged flashlights, made lithium batteries, AA and AAA batteries. The facility ceased manufacturing operations in the summer of 2013 and the property is currently for sale.

Mr. Baker stated that potentially hazardous substances utilized included lithium, hydraulic oils, plastics, electrolytes such as dimethoxyethane and dioxalane, iodine salts, iron disulfide, TCE, carbon graphite, and lubricating oils. MSDS sheets were unavailable on the date of ECS' inspection, as the plant had recently been shut down and paperwork had been archived, filed or shredded.

Mr. Baker stated that wastes generated onsite until recently included spent lubricating and petroleum oils, lithium, and recycled TCE. Mr. Baker stated that the TCE has been utilized for many years as a degreaser and in an iron pyrite cathode mix. Historically, the plating area was discharged to sludge pits onsite.

Mr. Baker stated that the agricultural field on the southern portion of the property has long been leased to outside farmers for hay production. Mr. Baker stated that to his knowledge no herbicides or pesticides were utilized. Mr. Baker stated that to his knowledge orchard operations never occurred onsite, despite several overgrown apple trees noted near the southeast property corner and the presence of Old Orchard Road offsite to the south. ECS did not observe any evidence of apple orchard activity in available historical aerial photographs or topographic maps.

Mr. Baker stated that there are currently no PCBs contained in transformers or hydraulic equipment at the property. The Union Carbide Corporation reportedly changed out all PCB-containing oils.

Roof drains and stormwater catchbasins all reportedly discharge to the onsite stormwater retention pond near the northwestern property boundary, which is known as "Lake Eveready" by the plant workers. All floor drains within the plant (with the exception of bathrooms) were plugged/blocked in the 1970s and 1980s as part of environmental improvements investigations.

Mr. Baker was unaware of any wetlands onsite. The former lagoon for electroplating sludge was reportedly closed out.

One oil/water separator is reportedly located in the boiler room and is pumped out into drums.

The building is currently heated by natural gas, and in the past has been heated by either natural gas or fuel oil, dependent upon fuel price. Mr. Baker stated that to his knowledge, the site has always been connected to the municipal sewer and water connections.

Mr. Baker believed that plant materials such as metal, ash, and flashlight parts were burned or buried onsite at one time to the east of the plant, but was unsure whether this specific area was ever environmentally investigated, as it may not have been in the same location as the landfill cells which were excavated.

#### 4.1.1 User Questionnaire

A User Questionnaire was not completed, as the User of this Phase I ESA is the seller of the property, not a prospective purchaser. Accordingly, no party shall be entitled to utilize this Phase I ESA in order to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability

## 4.2 HISTORICAL DOCUMENT REVIEW

#### 4.2.1 Sanborn Fire Insurance Company Maps

ECS requested Sanborn Fire Insurance Company maps from Environmental Data Resources, Inc. (“EDR”). According to EDR, Sanborn map coverage of the site is not available (“no coverage”). The “no coverage” documentation is provided as **Appendix C**. ECS requested that EDR double-check the “no coverage” determination based on the site’s use as a factory since 1947, but EDR again stated that there was “no coverage.”

#### 4.2.2 Street Directories

EDR provided City Directory listings for the site and nearby properties for 1990, 1999, 2003, 2008, and 2013. The site was not listed in any of the searches except for 1990, when it was listed as Eveready Battery Company Inc.

The adjacent Paquin Motors at 1 Franklin Park West was listed in 2013 only. The City Directory abstract is provided as **Appendix D**.

#### 4.2.3 Aerial Photographs and Historical Topographic Maps

ECS reviewed aerial photographs provided by EDR for the years 1962, 1972, 1981, 1993, 1995, 2006, 2008, 2009, 2011, and 2012. Copies are included as **Appendix E**.

The facility is present in all of the reviewed photographs. The photographs from 1972 to the present appear to show the facility roughly to its current development. The photograph from 1962 shows only the original rectangular factory building, prior to the construction of various additions. The walking path which is a former railroad spur is visible to the east of the factory in the wooded area along the eastern property boundary.

An onsite agricultural field to the south of the factory is visible in all photographs.

Offsite, the construction of a residential subdivision can be seen to the South of the site starting in the 2006 photograph. Prior to this time it appears that a farm was located to the South of the site. Prior to the development of Franklin Park West in the mid-1990s, properties to the North of the site also appeared to be agricultural. Commercial and residential properties have been located across U.S. Route 7 (Swanton Road) to the West of the site in all the photographs.

A northeast-southwest trending railroad line was present at the eastern property boundary in all photographs.

USGS topographic maps were provided by EDR for the years 1916, 1964, 1972, 1986, 1987 and are included in **Appendix F**. The onsite factory is not depicted in the 1916 map. The factory structure visible in the other maps.

#### 4.2.4 Municipal Records

According to EDR's Building Permit Report, there is no online coverage of building permits for the Town of St. Albans in their database.

The following *Lister's files* were reviewed at the Town of St. Albans:

An undated piece of paper titled "Energizer Property Breakdown" shows the construction dates for all sections of the property. Building 1 and Building 1 Addition (office space), Building 2 (manufacturing), Building 3 (boiler house), and Building 5 (utility) were constructed in 1947. Building 11, Building 12, and Building 17 (warehouse space) were constructed in 1965, 1967, and 1973, respectively. Building 13, Building 14, and Building 16 (manufacturing) were constructed in 1978, 1969, and 1972, respectively.

Outbuildings include Building 6, a small vacant building constructed in 1947, and Buildings 7 and 9 which were the former wastewater treatment plant, constructed in 1947. Building 15, which is used for storage and was the former solvent storage building, was constructed in 1970. The pump building, building 18, was constructed in 1977. The fluid storage building, Building 19, was constructed in 1987.

A 1979 boundary plot plan of the Union Carbide property, which depicted fuel oil and gasoline tanks, a settling basin, and the years of construction of all building sections. See **Figure 4**.

An undated parcel map showing the property as parcel 17-011-021, with a 65.51 acre parcel and the 4.98 acre "Triangular parcel." See **Figure 5**.

The file included a 1993 engineering plan for "Waste Lithium Storage," showing architectural plans and elevations.

The file included a 1997 notice to taxpayers that the parcel has been reappraised.

A 2011 assessor's card (**Appendix B**) referenced the last property sale date as April 2, 2003, from the Eveready Battery Company, Inc. to Energizer Battery Manufacturing, Inc. Prior to that the property was sold August 8, 1986, Book 48, p. 472, from Union Carbide to the Eveready

Battery Company, Inc. Several older assessor's cards were included in the file, from 1985, 1997, 2006, and 2008.

The file also included a May 20, 2005 development review board decision for conditional use approval of a 60 foot exhaust stack, which stated that the property is zoned as "heavy industrial." The file also included a stack of undated color photographs, which appeared to be recent based on the makes and models of vehicles in the parking lot. The file included a 2007 building permit for a 19 foot by 52 foot truck bay.

#### ***Parcel map***

The most recent parcel map is included in the **Appendix B**.

#### ***Zoning***

ECS reviewed the zoning file for the property, which contained only a copy of the 2009 assessor's card for the property.

#### ***Town Clerk's Office - Title Research***

ECS reviewed land deed information at the Town of St. Albans Town Clerk's office. This does not constitute a legal title search, but was performed for informational purposes about environmental conditions at the property. EPA files contained in the Town records are summarized in Section 2.0 above.

In 2003 (Book 148 p. 82), the Eveready Battery Company, Inc transferred the property to Energizer Battery Manufacturing, Inc. A copy of this most recent deed is provided as **Appendix G**. The deed references two parcels but does not mention the factory at the site.

Prior to this, the property was sold in 1986 (Book 48, p. 479) to Eveready Battery Company, Inc. by Union Carbide Corporation. The deed notes that the property is the same two parcels conveyed to Union Carbon and Carbide by National Carbon Co in 1949. The deed states that the property is subject to Land Use Permit 6F0034 and amendment Land Use Permit 6F0034-1, Book 42, p. 405. The deed also makes reference to a water line easement in favor of Union Carbide and the City of St. Albans, Book 17, p. 527 and p. 535. The deed states that all rights are conveyed to strips of land between road-side boundaries and centerlines of U.S. Route 7 and Town Highway 4. Seven rights-of-way are also listed in this deed:

1. Easement for electric to CVPS, Book 14, p. 285, December 3, 1953
2. Easement for electric to CVPS, Book 39, p. 339, October 4, 1982
3. Water line easement from Union Carbide to Exchange Realty Corp., Book 23, p. 186, September 19, 1968
4. Anchor guys easement from Union Carbide to New England Telephone and Telegraph, Book 19, p. 450, November 7, 1963
5. Telephone and Telegraph Easement from Romeo and Etta Woods to New England Telephone and Telegraph, Book 6, p. 287, February 12, 1923. ECS reviewed this easement because it pre-dated the oldest known sale date for the property. The easement described a "piece of land about 1 ¼ miles North of the City of St. Albans, bounded to the north by the land of Bushey, to the south by

the highway, to the east by the highway, and to the west by the highway.” The easement stated that “no guys or braces to be installed in the meadow.”

6. Union Carbide and Town of St. Albans agreement regarding water lines, August 5, 1970, agreement on file at City of St. Albans Manager’s office.
7. Highway rights-of-way for U.S. Route 7 and State Aid Town Highway 4

Union Carbon and Carbide Company purchased the property in 1949 from National Carbon Company (Book 13, p. 3). The deed states that it included all lands, buildings, plants, machinery, equipment, improvements, easements, tenements, hereditaments, and appurtenances owned by the grantor. The deed referenced the merger of National Carbon Company and Union Carbon and Carbide Co. A penciled -in note in the margins stated “begin here.” This 1949 deed did not reference a prior deed or sale. According to the 1994 CPMP report referenced in Section 2.0 above, National Carbon Corporation purchased the property from Clara Seymour in 1947. The report states that Ms. Seymour was either the widow or the daughter of Walter Seymour, who owned the 62.4 acres on which the facility is located, along with other land to the north, east, and south. According to the report, Town records indicate that the Seymour estate was used for agricultural purposes, and that the Seymour family held title to the land as far back as the late nineteenth century.

Because Town of St. Albans land records are cataloged by property owner and contain very little address information, ECS was unable to trace the entire history of the smaller “triangular lot” parcel. It seemed that, along with several other nearby properties, the parcel was formerly owned by Philip Gerbode, and that the former Highgate Road right-of-way that runs through the “triangular lot” is currently also owned by Energizer Battery Manufacturing, Inc.

ECS reviewed all land record recordings filed in the Town Clerk’s card catalog, which are filed by property owner. ECS searched under “Energizer,” “Eveready,” “Union Carbide,” “National Carbon,” and “Ralston Purina.” There were no cards filed for Ralston Purina. The only card filed under “National Carbon” was the property transaction summarized above, which was also filed under “Union Carbide.” In addition to the title information referenced above, the following land records were reviewed by ECS:

**Filed under “Energizer:”**

Municipal Memorandum, Energizer to the Town of St. Albans, Book P8 p. 396, October 30, 2007, notice of Zoning Permit recording, certificate of compliance issued October 30, 1997, no additional information. Municipal Memorandum, Energizer to the Town of St. Albans, Book P8, p. 112, June 28, 2007, notice of Zoning Permit recording for a truck bay. Municipal Memorandum, Energizer to the Town of St. Albans, Book P8, p. 66, May 8, 2007, “other – site plan amendment.” Municipal Memorandum, Energizer to the Town of St. Albans, Book P6, p. 355, June 24, 2005, notice of Zoning Permit recording for an exhaust stack.

Municipal Memorandum, Energizer to the Town of St. Albans, Book P6, p. 301, May 24, 2005, notice of Zoning Permit recording for a building addition. Municipal Memorandum, Energizer to the Town of St. Albans, Book P6, p. 259, April 25, 2005, site plan approval for Energizer Battery Manufacturing, Inc. Tax Stabilization Agreement, Energizer to the Town of St. Albans, Book 157, p. 205, August 11, 2003, stabilize Eveready taxes to promote business and industry.

**Filed under “Eveready:”**

Notice of Removal of Underground Storage Tanks (USTs), Book 50, p. 41, December 11, 1986, for Tank #4, a 1000 gallon gasoline UST removed April 10, 1986. The removed USTs included two 15,000 gallon fuel oil USTs, a 33,000 gallon fuel oil UST, a 1,000 gallon gasoline UST, and a 2,500 gallon used oil UST. There were no maps or sketches showing the UST locations. This is further discussed in Section 2.0 above. Easement from Eveready to Central Vermont Public Service (CVPS) and New England Telephone, Book 95, p. 210, November 10, 1997. Easement from Eveready to CVPS and New England Telephone, Book 73, p. 136, October 16, 1992. Easement from Philip Gerbode to Eveready, Book 75, p. 315, March 15, 1993, for 80 foot width from Parah Road.

***State of Vermont Notice to the Land Records of the Town of St. Albans***

An August 15, 1988 letter to the Town Clerk from the VT DEC states that the Town was being notified of the presence of a potential hazardous waste site at the then Union Carbide site. The EPA Preliminary Assessment form was attached, which was the first step in the site assessment process set forth by CERCLA. An EPA Potential Hazardous Waste Assessment form was attached and dated June 4, 1985. The form stated that the substance possibly present, known, or alleged at the site was “metal sludge from the plating process, 29.4% metals (5% chromium, 10% nickel, 1% zinc, 1% aluminum) and 30.1% volatile organics. 37-40 thousand gallons of metal sludge disposed of onsite between 1947 and 1980.”

The description of potential hazard to the environment or population was “sludge dewatered in evaporation lagoon on North side of plant, adjacent to a dairy farm. Prior to 1970 dewatered sludge was spread in this area and buried. After ’70 dewatered sludge was buried in pits to Northeast of the plant.”

***Town Clerk’s Office – Site Plans***

A 1979 site plan for Union Carbide, updated in 1981 and 1982, depicts a ‘fuel oil tank’ outside to the south of the southwest corner of building #11. This tank is not referenced in the UST pull documents from 1986, which are discussed in Section 2.0. This map also shows the gasoline UST which is referenced as removed in 1986 UST documents. The 1979 site plan is included as **Figure 4**.

ECS reviewed the 1990 Union Carbide site plan on file at the Town of St. Albans, Slide 166 (**Figure 5**).

**4.3 SUMMARY OF SITE AND AREA HISTORY**

**4.3.1 Site History**

According to a review of the historical resources discussed above, it appears that the site was not improved with any buildings prior to construction of the factory in 1947. It appears to have been part of a larger area of agricultural land along U.S. Route 7 (Swanton Road). The site was constructed in 1947 and has manufactured flashlights and batteries since that time. Prior to its purchase by Eveready, it was operated by Union Carbide.

The “Triangular Lot” reportedly contained cabins in the 1940s and has been vacant since that time. A combined Phase I/Phase II ESA performed by ECS in 2004 did not find evidence that a gasoline station had been located on the “Triangular Lot,” as stated by a neighboring property owner.

#### 4.3.2 Area History

According to a review of topographic maps and aerial photographs, the surrounding area appears to have been mainly agricultural throughout much of its history, with recent construction of commercial and residential properties along U.S. Route 7 (Swanton Road) and residential side streets.

## 5.0 SITE GEOLOGY AND HYDROLOGY

<b>GEOLOGY AND HYDROLOGY SUMMARY</b>	
<b>Elevation:</b>	400 feet asl
<b>Site Slope:</b>	Relatively flat, slight pitch downhill toward the west
<b>Regional Surface Drainage Patterns:</b>	Generally west toward Lake Champlain
<b>Depth to Groundwater:</b>	Less than 10 feet
<b>Groundwater Flow Direction:</b>	North-Northwest
<b>Sensitive Environmental Receptors:</b>	Soil, groundwater, surface water, indoor air
<b>Flood Plain Designation:</b>	Zone X (areas outside of 500 year flood plain)
<b>Flood Plain Map:</b>	FEMA FIRM Panel No. 5002190010A, 6/15/1988
<b>Soil:</b>	Glacial tills based on extensive environmental work at the site
<b>Bedrock:</b>	Slate – Morse’s Line Formation



## **6.0 REGULATORY INFORMATION**

ECS obtained a commercial environmental database search from EDR. The search distances are consistent with those specified in ASTM Standard Practice E 1527-13. A copy of the database search report and database descriptions is provided in **Appendix H**.

### **6.1 ON-SITE DATABASE LISTINGS**

The site address on several of the ASTM-required state or federal environmental databases searched. The EDR report included a search of databases in addition to what is required by ASTM E 1527-13. According to the EDR report, the site is listed on the CERCLIS NFRAP list, Federal RCRA non-CORRACTS TSD facilities, Federal RCRA generators list, Vermont ASTs, Vermont USTs, Vermont manifests, New York manifests, Rhode Island manifests, US AIRS, Vermont spills, Tier II, Vermont AIRS, CORRACTS, and TRIS. Information from the file reviews performed by ECS is summarized in Section 2.0 above.

### **6.2 ADJOINING AND NEARBY PROPERTY DATABASE LISTINGS**

Based on the information in the EDR report, none of the nearby listed properties are expected to pose an environmental threat to the subject site, due to distance, location downgradient, or closed status.

### **6.3 NON-GEOCODED PROPERTIES**

EDR identified 10 locations that could not be mapped due to inadequate address information. Based on the information provided, none appear to refer to the site.

### **6.4 ENVIRONMENTAL LIEN SEARCH**

ECS commissioned an environmental lien search by EDR. No environmental liens and/or activity and use limitations (AULs) were identified. EDR's lien search report is included as **Appendix I**.

### **6.5 REGULATORY AGENCY FILE AND RECORDS REVIEW SUMMARY**

ECS reviewed the State of Vermont's hazardous waste site file, UST file, available Spills files, and RCRA generator file at the State of Vermont DEC offices in Montpelier, Vermont and at the State of Vermont Public Records facility in Middlesex, Vermont. A summary of information obtained from the file review is summarized in Section 2.0 above.

### **6.6 EVALUATION OF VAPOR MIGRATION**

ECS has completed a Tier 1 screening in accordance with ASTM E2600-10 Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions to determine whether the subject property has potentially been impacted by migration of vapor in the subsurface. Using EDR's Vapor Encroachment "VEC App," the possibility of a vapor migration issue cannot be ruled out due to the presence of onsite VOCs in groundwater beneath the site building.

TCE concentrations in groundwater adjacent to and beneath the facility building have recently ranged up to 236 micrograms per liter ( $\mu\text{g/L}$ ) (MW-F6 in 2012), which exceeds the State of Vermont Investigation and Remediation of Contaminated Properties Procedure (IRCPP) vapor intrusion screening value of 1.19  $\mu\text{g/L}$  in groundwater; therefore, vapor migration from the onsite contaminant source is a possibility. No onsite vapor intrusion assessment has been performed.

## 7.0 SITE RECONNAISSANCE

ECS personnel inspected the site on December 4, 2013.

### 7.1 SITE LAYOUT

The site is comprised of two former parcels, which are considered to be one parcel by the Town of St. Albans. These include the 65.51 acre main parcel and the adjacent 4.98 acre “Triangular Lot.” The site consists of mainly open lawn, fields, or wooded land, with the plant at the site located along the western property boundary near U.S. Route 7/Swanton Road.

A paved parking lot is located to the north of the plant, with a stormwater retention pond beyond this at the northern property boundary. The site is accessed by two separate driveways; the first is a cul de sac entrance at the western property boundary, and the second is a right-of-way driveway off of Franklin Park West. A stream flows near the northern property boundary, and the property is mainly wooded to the east of the plant. The wooded area is traversed by a walking trail which is a former railroad spur. This leads to a rail trail/former railroad track which forms the eastern property boundary. The southern portion of the site is agricultural hayfield, which is reportedly leased to an offsite farmer. The property is mainly manicured lawn along the western property boundary along U.S. Route 7/Swanton Road.

The “Triangular Lot” portion of the site is mainly overgrown grass and trees. The northern boundary is formed by Franklin Park West, the western by U.S. Route 7/Swanton Road, and the eastern by a grassed-over former road, formerly known as the Old Highgate Road.

The site building operates as Energizer Battery Manufacturing, which is served by municipal water and sewer systems. It is heated by natural gas, and was formerly heated by fuel oil.

The plant at the site consists of the main structure, which was originally constructed in 1947 and has been added onto since that time. Outbuildings include a boiler building, former electroplating wastewater treatment facility, fuel oil and gasoline AST storage building, pump house with water tank, and storage building which formerly was utilized for hazardous waste and solvent storage. A second smaller pump house is located near Franklin Park west. There are no structures on the “Triangular Lot.”

### 7.2 PETROLEUM PRODUCTS AND HAZARDOUS SUBSTANCES

#### 7.2.1 Petroleum Products and Hazardous Substances

The plant, which is no longer manufacturing, has been mainly emptied, and most petroleum and hazardous substances had been removed from the site by the date of ECS’ site inspection. Current petroleum products and hazardous substances included:

- Diesel fuel to operate the pump at the pump house
- Waste oil in ASTs and drums within the building
- Water treatment chemicals in the boiler building
- Hydraulic oil within machinery and docks
- TCE

For the most recent operations at the facility, secondary containment and epoxy floor coatings are present. Past petroleum and hazardous substance use is discussed above in Section 2.0.

### 7.2.2 Aboveground and Underground Storage Tanks

Former USTs at the site are discussed in Section 2.0 above. There are reportedly no current USTs at the site.

ASTs at the site include a 12,000 gallon fuel oil AST in secondary containment structure which has reportedly been emptied and is no longer in use. According to Mr. Baker, a gasoline AST was also removed from this location. A small 200 gallon diesel AST is located in the pump house building, which reportedly operates the pumps for the large onsite fire protection water tank. Waste oil ASTs were located within the factory building and are located within secondary containment.

### 7.2.3 Hazardous Waste Generation and Disposal

The site is registered as a Resource Conservation and Recovery Act (RCRA) hazardous waste generator. The RCRA file is summarized in Section 2.0

## **7.3 FLOOR DRAINS, SUMPS, PITS AND LAGOONS**

With the exception of smaller bathroom drains, floor drains within the facility have all been sealed and closed with concrete as part of early environmental investigations at the site. A drain within the fuel oil AST secondary containment reportedly drains to an oil/water separator and then to the municipal sewer, and a drain within the boiler room reportedly drains to the municipal sewer.

One dry well location is noted on a map contained in a 2002 Weston report (summarized in Section 2.0 above). Its current status is unknown, and it did not appear to be referenced in other available reports.

The former sludge lagoon has been closed out, along with the sludge landfill, with oversight from the VT DEC. This is summarized above in Section 2.0.

## **7.4 POLYCHLORINATED BIPHENYL (PCB) CONTAINING EQUIPMENT**

According to Mr. Baker, all electrical equipment at the site is non-PCB containing. Mr. Baker stated that Union Carbide, the former site owner, had an internal program to change out PCB containing equipment. Former transformers to the south of the main site building reportedly contained PCBs. However, as stated by Mr. Baker, all PCB containing equipment had been removed from the facility. Mr. Baker was not aware of any PCB oil leakage from any PCB containing equipment on to the property. Furthermore, Mr. Houser was not aware of any PCB oil leakage on the property and stated that all PCB-containing equipment was removed and shipped to ENSCO for disposal as part of Union Carbide's corporate wide action plan. Energizer provided PCB disposal documentation of Westinghouse capacitors with PCB coolant shipped from the St. Albans Energizer facility to ENSCO's facility in Arkansas.

## **7.5 SOLID WASTE DISPOSAL**

Solid waste is collected in dumpsters for disposal by offsite haulers.

## **7.6 STAINED SURFACES AND STRESSED VEGETATION**

ECS did not observe any obvious stained surfaces or distressed vegetation outside of the plant. Some *de minimis* oil staining was noted within the plant.

## **7.7 DESCRIPTION OF ADJOINING HIGH RISK PROPERTIES**

ECS did not identify any adjoining high risk properties. Automobile sales and service facilities along U.S. Route 7 and Franklin Park West are not expected to impact the subject site due to their distance and downgradient or crossgradient locations.

## **8.0 FINDINGS AND ENVIRONMENTAL PROFESSIONAL OPINION**

### **8.1 FINDINGS**

The site is comprised of two former parcels, which are considered to be one parcel by the Town of St. Albans. These include the 65.51 acre main parcel and the 4.98 acre “Triangular Lot.” The site consists of mainly open lawn, fields, or wooded land, with the plant at the site located along the western property boundary near U.S. Route 7/Swanton Road. The site building operates as Energizer Battery Manufacturing, which is served by municipal water and sewer systems. It is currently heated primarily by natural gas with fuel oil backup, and was formerly heated just by fuel oil.

The plant at the site consists of the main structure, which was originally constructed in 1947 and has been added onto since that time. Outbuildings include a boiler building, former electroplating wastewater treatment facility, fuel oil and gasoline AST storage building, pump house with water tank, and storage building which formerly was utilized for hazardous waste and solvent storage. A second smaller pump house is located near Franklin Park west. There are no structures on the “Triangular Lot.”

### **8.2 DATA GAPS AND OPINION**

According to ASTM E 1527-13, a data gap is a lack of or inability to obtain information required by the practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by the practice, including, but not limited to site reconnaissance, interviews and data failure. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap.

1. The State of Vermont’s UST file for the site did not include a report of an environmental assessment performed when five USTs were removed in 1986. The condition of the USTs and the presence or absence of contamination to soils or groundwater beneath the USTs was not indicated. Since that time, soils and groundwater in the vicinity of the USTs appear to have been tested for chlorinated solvents and specific metals; ECS did not encounter data indicating that they had been tested for petroleum-related or waste oil-related contaminants of concern. This is considered a significant data gap.
2. There was no available record of USTs present at the site prior to the generation of USTs that were removed in 1986. These USTs removed in 1986 were reportedly installed in the 1970s, but the plant had been in operation since 1947. Petroleum storage and status of tanks prior to the early 1970s is unknown. The status of one fuel oil tank shown in a 1979 site plan is unknown. A 1982 SPCC plan references three fuel oil tanks at the southeast corner of the parking lot, forty feet from the boiler building, which may correspond to this fuel oil tank shown in the 1979 site plan. This is considered a significant data gap.
3. Plant operations and hazardous waste disposal between 1947 and the 1970s appears to be largely undocumented. Environmental investigations at the property commenced in the mid to late 1970s. This is considered a significant data gap as the environmental practices are unknown for this roughly 30 year period. This is not uncommon to have a lack of environmental records during this time period as environmental regulations were not yet firmly established in the United States.
4. Files documenting the removal of all PCB-containing transformers and equipment were not available. However, disposal documentation of Westinghouse capacitors from the St. Albans plant was provided to ECS and Energizer employees Bill Baker and Tom Houser stated that

former site owner Union Carbide had an internal program for changing out PCB-containing oils, and that all PCB containing equipment had been removed from the property. Mr. Baker nor Mr. Houser were not aware of any PCB oil leakage from the equipment on the property. Because there was no formal PCB removal documentation report or a PCB environmental testing report, this is considered to be a data gap.

5. A former dry well is depicted on a site plan in a 2002 draft site inspection report prepared by Weston, but was not observed in other maps of the site (see Figure 2 for approximate location). The status of this former dry well is unknown, which is considered to be a significant data gap. There are three monitoring wells within approximately 50 feet of the former dry well. These wells include ME-14-14 (abandoned), ME-14-22-5, and ME-15-13. These wells are no longer sampled. ME-15-13 was first sampled in November 2001 and last sampled in November 2012. No TCE has been detected, only low concentrations of cis 1,2-DCE (15-22 ppb) have been detected. ME-14-22.5 was only sampled in February 2000 and no chlorinated VOCs were detected. ME-14-14 was first sampled in February 2000 and last sampled in October 2003, and no chlorinated VOCs were detected. The lack of chlorinated VOCs detected in groundwater within 50 feet of the dry well is not sufficient information to demonstrate that the dry well is no longer present and might contain oil and or hazardous materials (e.g., sludge, residue) that could require regulatory action, if discovered. Current regulatory practices require proper closure of dry wells, which typically includes analytical testing of its contents, and possible removal/closure of the dry well.
6. Mr. Baker believed that plant manufacturing materials such as metal, ash, and flashlight parts were burned or buried onsite at one time to the east of the plant, but was unsure whether this specific area was ever environmentally investigated, as it may not have been in the same location as the sludge landfill cells which were excavated. This is considered to be a significant data gap. According to Mr. Houser who was present during excavation of the sludge landfill cells, the area where burning of such materials took place was identified during the excavation of the sludge landfill cells, and this burn area was separate and distinct from the sludge cells. This area was set in a wooded location somewhat east of the sludge cells, and was identified during the excavation of test pits.
7. Though plant floor drains have been sealed according to former Energizer employee Mr. Bill Baker, the integrity of their piping and discharge locations are unknown, which is considered to be a significant data gap. Video inspection of subsurface piping and/or subslab sampling along piping runs and/or discharge points is generally required to evaluate if release of chemicals have occurred through discharge to floor drains.
8. Though former wastewater holding tanks have been reportedly cleaned and closed with concrete, an environmental investigation report for this activity was not available, which is considered to be a data gap.

It is the opinion of the Environmental Professional that no other data gaps were identified during this assessment.

### **8.3 RATIONALE FOR IDENTIFICATION OF RECOGNIZED ENVIRONMENTAL CONDITIONS**

In accordance with the All Appropriate Inquiry Final Rule (40 CFR Part 312) and further detailed in Section 12.6 of ASTM E 1527-13, the opinion summarized below concerning the presence of recognized environmental conditions (“RECs”), controlled recognized environmental conditions (“CRECs”) and historical recognized environmental conditions (“HRECs”) identified during the site assessment is provided by the Environmental Professional supervising this assessment. The opinion has considered the usefulness and completeness of information obtained during the course of the assessment, whether or not data gaps identified in Section 8.2 adversely affect the ability of the Environmental Professional to provide an opinion.

Based on the findings of this assessment, the following RECs were identified at the site:

1. The potential for vapor intrusion to indoor air exists, due to the concentrations of TCE in groundwater beneath the building. No formal vapor intrusion assessment has been performed, though a soil gas survey was performed in 1990, it was not performed beneath the site building, but rather to establish the extent of contamination and define potential contaminant sources.
2. A former railroad spur served the property. Typical contaminants of concern from railroad tracks, include PAHs and herbicides. Additionally, the stopping of trains at the end of a railroad spur at the plant could represent the threat of a release of heavy oils from trains.
3. The plating room excavation in 1992 was performed to cleanup goals of 100 ppm total chromium and 300 ppm total nickel, which were approved by the VTDEC. Confirmatory samples were collected at a depth of six feet. Though these cleanup goals are consistent with current EPA regional RSLs for industrial soils for total metals, the confirmatory soil samples were not analyzed for hexavalent chromium, which currently has an industrial soil EPA RSL of 5.6 ppm.
4. The onsite landfill cells were closed out with confirmatory samples collected for TCLP analysis of metals of concern in 1989 in accordance with the VTDEC criteria at that time and, prior to the establishment of EPA soil guidance values for industrial sites. Confirmatory samples and testing criteria were approved by VTDEC at the time of the work, and no further action has been required. The landfill area was closed out under older criteria; confirmatory samples from the base of the landfill excavation may not meet current criteria and do not appear to have been sampled for hexavalent chromium, which has an industrial RSL of 5.6 ppm. The network of soil borings and groundwater monitoring wells do not appear to fully encompass this former landfill area, particularly the landfill cells furthest to the east. According to Mr. Houser of Energizer, monitoring well locations at that time were approved by the VTDEC and assumed to be sufficient for characterizing the former landfill area. The VTDEC only required that monitoring wells be installed downgradient of the former landfill, with groundwater flow direction having been determined by prior well monitoring.
5. The sludge lagoon was closed out in 1980 and all sludge was reportedly excavated and relocated to the onsite landfill, which was sufficient to satisfy VT DEC requirements at that time. However, from the available reports it does not appear that any confirmatory soil sampling and testing was performed at the base of this lagoon excavation. Additionally, the EPA Preliminary Assessment report form stated “waste spread around lagoon in some instances”. Additionally, the CPMP stated that “some of the sludge was reportedly spread around the edges of the lagoon (using a manure spreader provided by a local farmer) in order to speed drying. ECS was not able to



locate documentation that the shallow soils onto which the lagoon waste was spread had been environmentally tested or if this area had been excavated. Groundwater sampling was required from nearby groundwater monitoring wells and is still monitored under the existing annual groundwater monitoring program. The lagoon does not appear to have been closed out under current regulatory standards; however, at the time of its closure the work was performed under the direction of the VTDEC and as per VTDEC requirements in 1980. According to Mr. Houser, the horizontal limits of the sludge lagoon were documented at the time of the excavation, and that documentation was subsequently used as a basis for soil and groundwater testing in the vicinity and down gradient of the sludge lagoon.

6. Though groundwater and soil have been regularly sampled for TCE and other chlorinated VOCs, chromium, and nickel, the threat exists of a historic release of other chemicals utilized historically in the plant, such as petroleum-related VOCs, various oils, PCBs, lithium and other metals, and PAHs and heavy metals from potential coal ash in the "coal yard" area. According to Mr. Houser of Energizer, Energizer has addressed and/or is currently addressing all known releases.
7. There have been reported releases of TCE within the plant, either to the plant floor, discharged as vapors by ceiling fans, or releases to the St. Albans municipal sewer system. Building materials such as floors, piping, and ceiling fans may be contaminated by TCE and other manufacturing chemicals.
8. Known groundwater and soil TCE contamination exists onsite, and groundwater is captured by an interception trench at the property boundary. Groundwater quality and the effluent from the trench are regularly monitored. Though contamination migrated offsite via groundwater transport prior to the installation of the interception trench, the extent of soil and groundwater TCE contamination has been reasonably defined and is controlled by the monitoring and trench.
9. Known groundwater total chromium, hexavalent chromium, and nickel contamination exists onsite. The extent of groundwater contamination has been adequately defined as documented by the VTDEC's acceptance of long term groundwater monitoring.

Though outside of the scope of a Phase I ESA, the User requested that ECS review available ACM files. The following business environmental risk (BER) was identified:

- Project specific asbestos abatement was conducted in various areas throughout the facility.
- Abatement includes removal of ACM or repair, where allowed by regulation of damaged ACM. These projects included asbestos abatement related to equipment changes and construction/renovation/demolition projects. These activities supported the in-place management plan and do not seem to have been directed at a wholesale removal of ACM and ACBM. Due to the nature of abatement projects conducted at the facility, it is likely that ACM are still present, especially in inaccessible areas and in areas where occupancy is limited. These findings were reflected in the most recent asbestos document reviewed that was prepared by Cardno ATC dated April 25, 2014, titled Asbestos Survey Update Report and included a consolidation of asbestos survey data.

## 9.0 CONCLUSIONS

ECS has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Energizer Battery Manufacturing, Inc. property at 75 Swanton Road in St. Albans, Vermont. Any exceptions to, or deletions from, this practice are described in Section 1 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the site with the exception of the following:

1. The potential for vapor intrusion to indoor air exists, due to the concentrations of TCE in groundwater beneath the building. No formal vapor intrusion assessment has been performed, though a soil gas survey was performed in 1990, it was not performed beneath the site building, but rather to establish the extent of contamination and define potential contaminant sources.
2. A former railroad spur served the property. Typical contaminants of concern from railroad tracks, include PAHs and herbicides. Additionally, the stopping of trains at the end of a railroad spur at the plant could represent the threat of a release of heavy oils from trains.
3. The plating room excavation in 1992 was performed to cleanup goals of 100 ppm total chromium and 300 ppm total nickel, which were approved by the VTDEC. Confirmatory samples were collected at a depth of six feet. Though these cleanup goals are consistent with current EPA regional RSLs for industrial soils for total metals, the confirmatory soil samples were not analyzed for hexavalent chromium, which currently has an industrial soil EPA RSL of 5.6 ppm.
4. The onsite landfill cells were closed out with confirmatory samples collected for TCLP analysis of metals of concern in 1989 in accordance with the VTDEC criteria at that time and, prior to the establishment of EPA soil guidance values for industrial sites. Confirmatory samples and testing criteria were approved by VTDEC at the time of the work, and no further action has been required. The landfill area was closed out under older criteria; confirmatory samples from the base of the landfill excavation may not meet current criteria and do not appear to have been sampled for hexavalent chromium, which has an industrial RSL of 5.6 ppm. The network of soil borings and groundwater monitoring wells do not appear to fully encompass this former landfill area, particularly the landfill cells furthest to the east. According to Mr. Houser of Energizer, monitoring well locations at that time were approved by the VTDEC and assumed to be sufficient for characterizing the former landfill area. The VTDEC only required that monitoring wells be installed downgradient of the former landfill, with groundwater flow direction having been determined by prior well monitoring.
5. The sludge lagoon was closed out in 1980 and all sludge was reportedly excavated and relocated to the onsite landfill, which was sufficient to satisfy VT DEC requirements at that time. However, from the available reports it does not appear that any confirmatory soil sampling and testing was performed at the base of this lagoon excavation. Additionally, the EPA Preliminary Assessment report form stated "waste spread around lagoon in some instances". Additionally, the CPMP stated that "some of the sludge was reportedly spread around the edges of the lagoon (using a manure spreader provided by a local farmer) in order to speed drying. ECS was not able to locate documentation that the shallow soils onto which the lagoon waste was spread had been environmentally tested or if this area had been excavated. Groundwater sampling was required from nearby groundwater monitoring wells and is still monitored under the existing annual groundwater monitoring program. The lagoon does not appear to have been closed out under current regulatory standards; however, at the time of its closure the work was performed under the direction of the VTDEC and as per VTDEC requirements in 1980. According to Mr. Houser, the

horizontal limits of the sludge lagoon were documented at the time of the excavation, and that documentation was subsequently used as a basis for soil and groundwater testing in the vicinity and down gradient of the sludge lagoon.

6. Though groundwater and soil have been regularly sampled for TCE and other chlorinated VOCs, chromium, and nickel, the threat exists of a historic release of other chemicals utilized historically in the plant, such as petroleum-related VOCs, various oils, PCBs, lithium and other metals, and PAHs and heavy metals from potential coal ash in the “coal yard” area. According to Mr. Houser of Energizer, Energizer has addressed and/or is currently addressing all known releases.
7. There have been reported releases of TCE within the plant, either to the plant floor, discharged as vapors by ceiling fans, or releases to the St. Albans municipal sewer system. Building materials such as floors, piping, and ceiling fans may be contaminated by TCE and other manufacturing chemicals.
8. Known groundwater and soil TCE contamination exists onsite, and groundwater is captured by an interception trench at the property boundary. Groundwater quality and the effluent from the trench are regularly monitored. Though contamination migrated offsite via groundwater transport prior to the installation of the interception trench, the extent of soil and groundwater TCE contamination has been reasonably defined and is controlled by the monitoring and trench.
9. Known groundwater total chromium, hexavalent chromium, and nickel contamination exists onsite. The extent of groundwater contamination has been adequately defined as documented by the VTDEC’s acceptance of long term groundwater monitoring.

Though outside of the scope of a Phase I ESA, the User requested that ECS review available ACM files. The following business environmental risk (BER) was identified:

- Project specific asbestos abatement was conducted in various areas throughout the facility.
- Abatement includes removal of ACM or repair, where allowed by regulation of damaged ACM. These projects included asbestos abatement related to equipment changes and construction/renovation/demolition projects. These activities supported the in-place management plan and do not seem to have been directed at a wholesale removal of ACM and ACBM. Due to the nature of abatement projects conducted at the facility, it is likely that ACM are still present, especially in inaccessible areas and in areas where occupancy is limited. These findings were reflected in the most recent asbestos document reviewed that was prepared by Cardno ATC dated April 25, 2014, titled Asbestos Survey Update Report and included a consolidation of asbestos survey data.

ECS also identified significant data gaps, which are listed above in Section 8.2.

## **10.0 LIMITATIONS**

This report was prepared for Energizer Battery Manufacturing, Inc. and is not to be relied upon by any other party without the written authorization of ECS.

ECS' inspection of the site building and grounds was limited to those areas readily accessible and not covered by snow, ice, debris, fixtures, furniture, materials, vehicles or vegetation. Observations described in this report represent conditions at the time of the visit on December 4, 2013 and may not be indicative of past or future circumstances. ECS makes no representations with respect to potential environmental concerns in areas that were inaccessible or hidden at the time of the inspection.

This assessment was performed to evaluate environmental conditions at the site in accordance with generally accepted engineering and hydrogeological practices. Absolute assurance that any and all possible contamination at the site was identified cannot be provided. The scope of work did not include a facility compliance audit with respect to local, state or federal laws and regulations.

This assessment did not include sampling and/or analysis of sediment, septic liquid or sludge, asbestos containing building materials, surface water, groundwater, soil, air, polychlorinated biphenyl containing fluids, radon, mold or lead-based paint.

The report conclusions are based, in part, on information provided by the site owner, site occupants, property manager, local municipal offices, and/or by environmental data retrieval companies. ECS did not independently verify information provided by others and assumes no responsibility for its accuracy or completeness. The conclusions and recommendations are based on the information available within the timeframe given to complete the assessment and the conditions observed during the site visit. Discovery of information subsequent to the issuance of this report could affect the conclusions and recommendations.

## **11.0 REFERENCES**

### **11.1 RESOURCES CONSULTED**

EDR Radius Map Report, December 3, 2013

Historical aerial photographs, topographic maps, and city directories provided by EDR FEMA Flood Mapper, [msc.fema.gov](http://msc.fema.gov)

State of Vermont Department of Environmental Conservation (VT DEC) site files

State of Vermont Public Records Department, RCRA files

### **11.2 AGENCIES CONTACTED**

Town of St. Albans Assessor's Office  
Town of St. Albans Town Clerk's Office  
Vermont Department of Environmental Conservation  
Vermont Public Records

### **11.3 PERSONS INTERVIEWED**

Mr. Bill Baker, December 4, 2013  
Mr. Tom Houser, December 2013-May 2014

## 12.0 ENVIRONMENTAL PROFESSIONAL'S DECLARATION

This assessment was performed by Elizabeth Erickson of ECS under the supervision of Joseph Hayes of ECS. Joseph Hayes is an Environmental Professional with more than 25 years of Phase I ESA experience.

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

This assessment was performed by Elizabeth Erickson of ECS under the supervision of Joseph Hayes of ECS. Joseph Hayes is an Environmental Professional with more than 25 years of Phase I ESA experience.

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



Elizabeth Erickson/Environmental Scientist

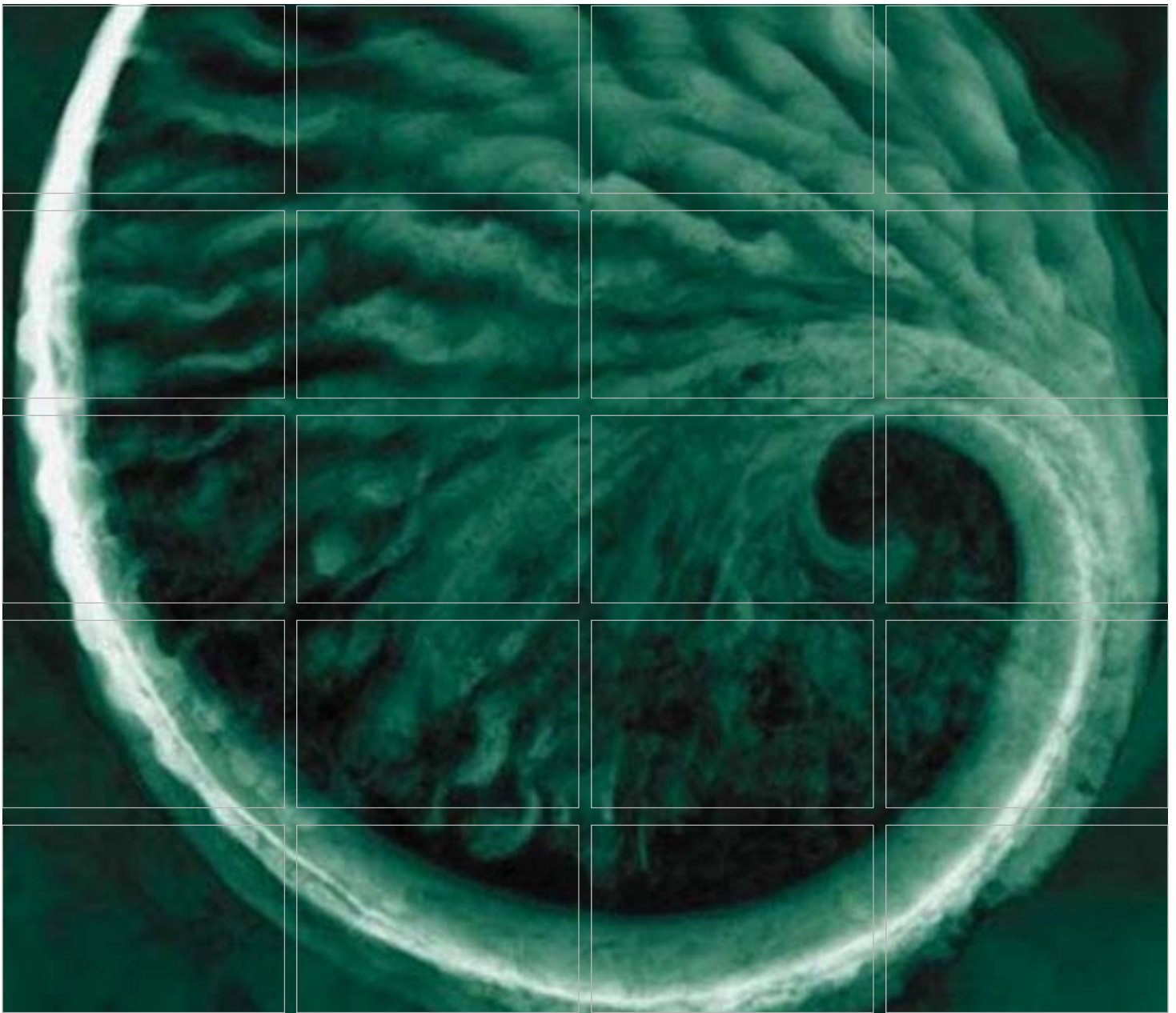


Joseph J. Hayes/Environmental Professional

Resumes of the EP and the inspector/writer of this Phase I ESA report are included in **Appendix J**.

# APPENDIX I





Energizer Battery Manufacturing, Inc.

# Historical Site Investigation and Remediation Activities Summary Report

75 Swanton Road, St Albans, Vermont

September 2014

ERM Project No. 0261236

[www.erm.com](http://www.erm.com)





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## *LIST OF ACRONYMS*

CAP	Corrective Action Plan
CVOC	chlorinated volatile organic compound
ECS	Environmental Compliance Services, Inc.
EP	extraction procedure
ERM	Environmental Resources Management
GTI	Groundwater Technologies, Inc.
ICP	Inductively Coupled Plasma
TCE	trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
VTDEC	Vermont Department of Environmental Conservation
VTGWES	Vermont Groundwater Enforcement Standards
YWC	YWC Technologies, Inc.

## 1.0 INTRODUCTION

Environmental Resources Management (ERM), on behalf of Energizer Battery Manufacturing, Inc. (Energizer), prepared this document to summarize historical site investigation and remediation activities conducted at the former Energizer facility located at 75 Swanton Road, St Albans, Vermont (the "Site"). This document was prepared to support transition of the Site to the Vermont Brownfields Reuse Initiative - Environmental Liability Limitation Program with an emphasis on demonstrating that the Site meets the following regulatory requirements:

- 10 V.S.A. §6647. Site investigation;
- 10 V.S.A. §6648. Corrective action plan; and
- 10 V.S.A. §6651. Implementation of corrective action plan.

## 1.1 REPORT ORGANIZATION

This report is organized as follows:

<i>Section 1.0</i>	<i>Introduction</i>
<i>Section 2.0</i>	<i>Background</i>
<i>Section 3.0</i>	<i>Conceptual Site Model</i>
<i>Section 4.0</i>	<i>Risk Assessment</i>
<i>Section 5.0</i>	<i>References</i>

## 2.0

### **BACKGROUND**

The Site encompasses approximately 70 acres and consists of two separate parcels, one of which is undeveloped (Figures 1 and 2). The developed parcel contains one main manufacturing building, a paved parking lot, and several smaller outbuildings. Surrounding the manufacturing building is a storm water retention pond to the north, a wooded area to the east, an agricultural hayfield to the south, and a landscaped lawn to the west. The Site is abutted by commercial properties to the north, farmland to the east, residential properties to the south, and a mix of commercial/industrial and residential properties to the west. There is an additional triangular shaped parcel to the northwest, which is unoccupied.

From 1947 (building construction) to September 2013, the Site was a flashlight and battery manufacturing facility. Prior to 1947, the property was used for agricultural purposes. A detailed overview of historical Site operations is presented in the August 1991 *Subsurface Investigation Report*, prepared by Groundwater Technology, Inc. (GTI) of Williston, VT and the May 1999 *Supplemental Site Investigation Report* prepared by Marin Environmental, Inc. (Marin) of Colchester, VT. Operations at the Site were discontinued in September 2013, and all manufacturing equipment and materials were removed after shutdown.

Numerous phases of environmental investigation and remediation have been conducted at the Site since the late 1970s. ERM reviewed the documents listed in the References (Section 5.0) to develop a conceptual site model, which is presented in Section 3.

### 3.0 *CONCEPTUAL SITE MODEL*

Based on review of historical Site data, ERM developed the following conceptual site model, which satisfies the site investigation requirements prescribed in 10 V.S.A. §6647.

### 3.1 *GEOLOGY*

Based on geologic information presented in the May 1999 *Supplemental Site Investigation Report* prepared by Marin, regional geology consists of glacial till deposits overlying metamorphosed bedrock. Bedrock at the Site is not exposed at the ground surface and has been confirmed at 94 feet below ground surface (bgs) at one location during a previous investigation (Marin, 1999). Overburden deposits at the Site consist of an upper till and a lower till. The upper till is a weathered till, which is generally less than 15 feet thick (Marin, 1999). The lower till is a clay-rich, unweathered, dense till, which extends from about 15 feet bgs to bedrock (Marin, 1999). A geologic cross section is shown in Appendix A, Figure 1.

### 3.2 *HYDROGEOLOGY*

Based on previous environmental investigations, groundwater at the Site is generally present at a depth of 5 to 6 feet bgs. The upper weathered till is more permeable than the lower unweathered till. As such, the majority of wells are screened within the upper weathered till. According to the 2000 *Supplemental VOC Investigation and Semi-Annual Monitoring Report* prepared by Marin, hydraulic conductivity values for wells screened in the weathered till range from 4.8E-07 to 3.9E-05 feet per minute (ft/min) or 3.9E-07 to 2.0E-05 centimeters per second (cm/s) (see Appendix A, Table 1). According to the *Comprehensive Project Management Plan* prepared by GTI in June 1994, due to the low permeability and relatively thin saturated thickness of the upper till layer (i.e., about 5 to 10 feet), wells screened in this layer yield less than 0.5 gallons per minute. Groundwater within the upper weathered till flows in a north-northwesterly direction (Figure 2).

Using an average horizontal hydraulic gradient of 3% and the range in hydraulic conductivity values presented above, ERM estimates that the range in Darcy velocity for groundwater flow is 0.1 to 4.9 feet per year. Review of historical monitoring reports indicates that the groundwater flow direction and hydraulic gradient have been generally consistent over time.

### 3.3

## **SOURCE AREAS AND DISSOLVED-PHASE PLUMES**

Extensive subsurface investigation activities have been completed at the Site, resulting in identification of several source areas and associated dissolved-phase plumes. Figure 3 was prepared by ERM to show the historical maximum extent of trichloroethene (TCE) in groundwater, TCE in soil gas, groundwater flow direction, and identified source areas. TCE concentrations and their respective sampling dates are provided in Appendix A, Table 2. The TCE plume shown on the map represents the maximum historical TCE footprint as it was developed using the maximum TCE concentration detected at each well, independent of time. For comparison, Figure 4 was prepared by ERM to show the more recent observed extent of TCE in groundwater and surface water within the current monitoring well network. Figure 4 includes data collected during the November 2012 comprehensive groundwater sampling event. The original data and concentrations contours were submitted as part of the 2012 Annual Site Monitoring Report (ECS 2013) (Appendix A, Figure 2).

Figure 3 presents the groundwater elevation values from October 2006, which are provided in the 2007 ECS *Annual Monitoring Report*; this gauging round was chosen as it represents the most recent comprehensive gauging round conducted at the Site. Groundwater contour lines and flow arrows shown on the figure were interpreted by ERM. The figure also shows identified source areas, which were interpreted based on review of historical soil, soil gas, and groundwater data, the majority of which have been remediated/mitigated, as discussed below.

The following subsections present a brief summary of each identified source area, its associated dissolved-phase plume, and any remediation activities that have been conducted to treat/mitigate the source area and/or plume.

#### 3.3.1

### ***Former Plating Room***

According to the December 1992 *Soil Excavation and Facility Decontamination*, prepared by YWC Technologies, Inc. of Trumbull, CT (YWC), between 1947 and 1989, nickel and chromium were used in electroplating aluminum flashlight cases. Stained soils beneath the floor in the former electroplating room were discovered when the electroplating equipment was removed circa 1990. Two trenches were excavated for investigation purposes on the north side of the plating line to approximately 6 feet bgs. Stained soil was noted to the bottom of the excavation. Laterally, the staining tapered off almost entirely at 12 feet

away from the plating line. Laboratory analyses of soil samples identified elevated concentrations of nickel (YWC, 1992).

The concrete floor and impacted soils were removed by YWC and transported off Site for disposal in August and September 1992. The excavation and sampling activities were conducted in accordance with correspondence exchanged with the Vermont Department of Environmental Conservation (VTDEC; YWC, 1992).

According to the August 1991 *Subsurface Investigation Report*, prepared by GTI of Williston, VT, in March of 1991, prior to excavation, GTI conducted an investigation of this area that included advancement of five soil borings, collection and analysis of soil samples, installation of five monitoring wells, and collection and analysis of groundwater samples for chromium, hexavalent chromium and nickel. The laboratory results identified the presence of elevated concentrations of total and hexavalent chromium in soil and groundwater, and elevated concentrations of nickel in soil (GTI, 1991). According to the 1992 YWC Report, additional delineation of this area was performed by YWC from May 1991 to July 1992, during which time 16 additional monitoring wells were installed and sampled. Based on the results of these investigations, it was determined that contamination outside of the plating room was limited to migration of impacted groundwater (YWC, 1992). As previously stated, the impacts inside the plating room were remediated by the concrete floor and soil removal activities.

According to the 1992 YWC Report, the soil clean-up goals for this area were set by VTDEC at 5 milligrams per liter (mg/L) for chromium and 15 mg/L for nickel by Toxicity Characteristic Leaching Procedure (TCLP). To gauge clean-up progress (but not to measure final clean-up), total metals standards of 100 milligrams per kilogram (mg/kg) for chromium and 300 mg/kg for nickel were used. In July 1992, nine pre-remediation characterization borings were advanced in this area down to the water table, and 25 soil samples were collected and analyzed for total chromium and total nickel (YWC, 1992).

Based on the information in the 1992 YWC Report, a total of 788.27 tons of soil was excavated and transported off-Site in August and September 1992. The excavation depths were as follows: in northwest corner to 4-5 feet below the top of concrete; in western portion of the excavation to 10-11 feet below the top of concrete; and in the remainder of the excavation to 7-8 feet below the top of concrete. A total of 33 soil samples were collected during excavation and as confirmatory samples, of which 17 samples were analyzed for total chromium and total nickel, and 16 samples were



analyzed for TCLP chromium and nickel. Although post-excavation samples were not analyzed for hexavalent chromium, the total chromium analysis would have included the +6 oxidation state as well as the +3 oxidation state. The excavation was backfilled with clean sand and gravel, and a new concrete floor was poured. The remaining floor, walls and ceiling in this area were decontaminated using high-pressure washers (YWC, 1992).

According to the 1992 YWC Report, in September 1992, Mr. Dave Shepard of VTDEC verbally confirmed to Energizer that clean-up goals had been met and no further soil removal was required.

Based on review of historical groundwater data documented in multiple environmental reports, ongoing groundwater monitoring has continued to demonstrate the effects of source area remediation on groundwater quality in the vicinity of the former plating room. Historically, nickel and/or chromium were detected at concentrations above the Vermont Groundwater Enforcement Standards (VTGWESs) in 20 wells located in the vicinity of the former plating room (YWC, 1992). As of November 2012, only chromium and hexavalent chromium were detected in a single well (ME-10-20) at concentrations greater than the applicable VTGWES, which is 100 micrograms per liter (ug/L) for both compounds. Hexavalent Chromium was detected at 190 ug/L and Total Chromium was detected at 180 ug/L (ECS, 2013). Figure 3 in Appendix A shows the current extent of the metals plume, and Figure 4 in Appendix A presents a time-series plot for ME-10-20.

### 3.3.2 *Former Sludge Dewatering Lagoon*

According to the *Comprehensive Project Management Plan* prepared by GTI in June 1994, wastewater from historical metal electroplating operations was pre-treated on Site and piped into settling tanks. Periodically, the metal hydroxide sludge would be removed from the settling tanks and spread in an on-site lagoon, formerly located on the northern portion of the Site (Figure 3), for further drying. The lagoon was reportedly earthen and unlined. Circa 1980, use of the dewatering lagoon was discontinued and the lagoon area was closed. The lagoon was excavated and the impacted soils were buried in the landfill area. The lagoon was then backfilled with clean soil and crushed limestone. The excavation and backfilling was conducted under VTDEC supervision.

CVOC concentrations in groundwater have been monitored downgradient of the Former Sludge Dewatering Lagoon since 1991 (Marin 1999). The highest historical TCE concentration within this plume is 1,790

ug/L as reported in the *Fall 2006 Annual Monitoring Report* (ECS, 2007). Marin delineated a dissolved-phase chlorinated volatile organic compound (CVOC) plume that emanated from this source area and migrated to the north-northeast (Figure 3). Time-series plots for wells located within this plume are shown in Appendix A, Figure 5. Historically this plume extended beyond the Site boundary.

To prevent the migration of impacted groundwater from the Site to the adjoining northern, downgradient property, a groundwater interception trench was constructed in September/October 2001 along the northern Site boundary. According to the 26 February 2002 *Ground Water Interception Trench As-Built and Construction Summary Report* prepared by Marin, the interception trench is 550 feet long and its bottom slopes from 8.5 to 14 feet bgs, extending 1 foot into the lower unweathered till. A four-inch diameter perforated drain pipe runs lengthwise in the trench and is connected to a central collection sump and manhole. The collected groundwater is discharged to the public sewer under an approved discharge permit (Permit #7-0110).

Based on regular groundwater monitoring conducted since the installation of the interception trench, the trench is effective at preventing further migration of contaminated groundwater from the Site. Currently, groundwater from the trench is sampled semi-annually and analyzed for Site-specific CVOCs. Additionally, groundwater levels are monitored continuously in the area of the trench using data-logging pressure transducers to monitor discharge to the public sewer. Time-series data for groundwater collected within the groundwater interception trench is presented in Appendix A, Figure 6. Time-series plots showing CVOC concentrations for wells located downgradient (off-Site) of the groundwater interception trench are presented in Appendix A, Figure 7.

### 3.3.3 *Former Sludge Disposal Landfill*

According to the 24 April 1990 *Landfill Excavation Report* by Eveready Battery Co., Inc., four landfill cells were formerly located on the northeast portion of the Site. One of the landfill cells (LF-1) was reportedly used from circa 1947 until mid-1970s for disposal of miscellaneous scrap (such as wood, paper, rags, and waste flashlight casings), for burning of combustible waste, and for disposal of plating sludge from the dewatering lagoon. The remaining three landfill cells (LF-2, LF-3 and LF-4) were used from circa 1947 to circa 1970 for disposal of plating sludge. The plating sludge consisted of sludge wastes from the nickel and chrome plating operations and wastes from the subsequent on-site wastewater treatment process. Dewatered sludge was routinely collected from the sludge

dewatering lagoon and buried in the landfill. In addition, as noted above in Section 3.3.2, impacted soils excavated from beneath and around the sludge dewatering lagoon, during lagoon closure, were also disposed of in the Site landfill.

According to the 1990 Eveready report, all four landfill cells were excavated during July, August and October of 1989. The landfill excavation was conducted in accordance with a Work Plan, which was submitted to VTDEC on 25 April 1989. The excavation was performed by Ralph B. Goodrich, Inc. of South Burlington, VT and the associated soil confirmation and waste characterization sampling was conducted by GTI of Williston, VT. The following details of the excavation and subsequent environmental activities was recorded in the 1990 Eveready report unless otherwise noted.

Prior to the start of excavation activities, four pre-excavation borings were advanced in and adjacent to cell LF-4, and the collected soil samples were analyzed for metals using Inductively Coupled Plasma (ICP) and TCLP methods. The pre-excavation sample results indicated that no leachable heavy metals migrated vertically from the disposed sludge into the immediately underlying soils or laterally into surrounding soils. Soil excavation activities were therefore focused on the limits of the landfill cells. A total of approximately 3,250 cubic yards (cy) (4,372.5 tons) of sludge and contaminated soils were removed from the four landfill cells. The final excavated dimensions of the four cells were as follows:

- LF-1 - a circular cell with a diameter of approximately 50 feet and a depth of over 2 feet (exact depth not specified);
- LF-2 - two rectangular pits, the larger pit was approximately 69 feet long by 22 feet wide and approximately 4.5 feet deep, and the smaller pit was approximately 30 feet long by 10 feet wide and approximately 4 feet deep;
- LF-3 - a rectangular cell approximately 90 feet long by 24 feet wide and approximately 8 feet deep; and,
- LF-4 - an irregularly-shaped cell approximately 93 feet long by 51 feet wide and approximately 6 feet deep.

After excavation of each cell, soil samples from the bottoms and sidewalls of each cell were collected and analyzed for nickel and chromium (as indicators for the presence of sludge). VTDEC approved site-specific chromium and nickel clean-up standards that were used for comparison

to confirmation soil samples. Approved clean-up standards were the Vermont TCLP standards at the time (Extraction Procedure [EP] toxicity values in the 1988 Vermont Hazardous Waste Management Regulations) or, if samples were tested under inductively coupled plasma (ICP) emission spectrophotometry testing, 20 times the total chromium and nickel standards (1988 Vermont Hazardous Waste Management Regulations). Based on results of post-excavation samples, additional material was excavated as needed and the newly excavated areas were re-sampled. After excavation, a 2- to 4-foot layer of crushed limestone was placed in the bottom of each cell to stabilize the trace residuals of nickel and chromium, and the cells were then backfilled with gravel and soil. The excavated material was taken off-site for stabilization and landfilling at the Stablex, Canada hazardous waste disposal facility.

Post-excavation groundwater monitoring for metals in wells downgradient of the landfill indicated no exceedances of the VTGWESs for Site-specific metals (chromium, nickel, zinc, and sulfate) with the exception of iron. Following excavation and analysis of the confirmation sampling, VTDEC stated, at a meeting on 25 February 1992, that no further remedial action was required for this area.

Subsequent to landfill excavation completion, groundwater monitoring activities identified the presence of CVOCs in groundwater downgradient of the former landfill. Concentrations of CVOCs in groundwater have been documented in multiple reports submitted to VTDEC starting in 1992. The CVOC groundwater plume migrates to the northwest toward the Site boundary (Figure 3). Groundwater samples within this plume exhibited TCE concentrations up to 155 ug/L as reported in the January 2009 *Bi-Annual Monitoring Report* prepared by ECS (ECS, 2009). Time-series plots for wells located within this plume are shown on Appendix A, Figure 8.

The landfill plume flows toward and appears to discharge to surface water in Gerbode Creek (an intermittent stream), when surface water is present. Surface water samples within this plume exhibited TCE concentrations up to 367 ug/L, as reported in the April 2000 *Supplemental VOC Investigation and Annual-Monitoring Report* prepared by Marin (Marin, 2000). TCE concentrations in surface water have decreased over time and are below detection limits at the Site boundary. Time-series for surface water locations are shown in Appendix A, Figure 9.

As noted above in Section 3.3.2, a groundwater interception trench was installed in 2001 to prevent further off-site migration of CVOCs in

groundwater. As such, this plume is currently being contained within the property boundary.

### 3.3.4 *Former Degreasing/Parts Cleaning Units*

TCE was used throughout the facility's manufacturing history in the battery manufacturing process. According to the May 1999 *Supplemental Site Investigation Report* prepared by Marin, solvent degreasing and parts cleaning operations reportedly occurred in the main manufacturing building. The solvent degreasing and parts cleaning area is marked on Figure 3. Degreasing and parts cleaning in this area of the Site was discontinued by 1990. An active soil gas survey was conducted in this area in July/August of 1998, which identified elevated TCE concentrations in soil gas in the vicinity of the former degreaser and parts cleaning units. Elevated TCE concentrations were also detected in soil gas to the northeast (loading dock area) and southwest of the location of the former degreaser and parts cleaner. Soil gas concentration magnitude is shown in Figure 3 and soil gas concentrations and concentration contours are detailed on Appendix A, Figure 10.

TCE was also detected in shallow soil samples collected from this area at concentrations up to 242,000 ug/kg (Appendix A, Figure 11). Similar to the TCE distribution observed in soil gas, elevated TCE concentrations were detected in groundwater to the northeast (loading dock area) and southwest of the location of the former degreaser and parts cleaner. Groundwater samples collected downgradient of this area exhibited TCE concentrations up to 80,800 ug/L as reported in the *April 2003 Semi-Annual Site Monitoring Report* prepared by ECSMarin. A dissolved-phase CVOC plume emanates from this source area and migrates to the northwest as shown on Figure 3. Time-series plots for wells located within this plume are shown on Appendix A, Figure 12. This plume appears to comeingle with the CVOC plume emanating from the Former Sludge Dewatering Lagoon. The comingled plume historically migrated off Site.

As noted above (Section 3.3.2), a groundwater interception trench was installed in 2001 to prevent further off-site migration of CVOCs in groundwater. As such, this plume is currently being contained within the property boundary. No source area remediation activities have been conducted, nor are they necessary since the associated dissolved-phase plume is currently being contained on the property.



### 3.3.5 *Former Coal Yard Area*

According to the 1999 *Supplemental Site Investigation Report* prepared by Marin, waste TCE solvents were formerly stored in the coal yard. The location of the coal yard is marked on Figure 3. The report summarized an active soil gas survey conducted in this area in July/August of 1998, which identified elevated TCE concentrations in soil gas in the vicinity of the former coal yard, suggesting the presence of an historical release in this area. TCE impacts to soil gas are shown in Figure 3 and soil gas concentrations and concentration contours are detailed on Appendix A, Figure 10. One soil boring was also advanced in this area, which identified TCE at a concentration of 82.6 ug/kg in a soil sample collected from 16-17 feet bgs (Marin, 2000b).

There are only two monitoring wells located in the coal yard area, which exhibit a maximum TCE concentration of 4.8 ug/L (Marin, 1999). To the extent that a CVOC plume emanates from the coal yard, the plume would likely comingle with the landfill plume (see section 3.3.3).

## 3.4 **RECEPTORS AND PATHWAYS EVALUATION**

To qualitatively evaluate the potential for unacceptable risk associated with Site impacts, ERM defined current and potential future land uses, receptors and migration pathways, which are discussed below.

### 3.4.1 *Identification of Site Activities and Uses*

#### *Land*

The Site and surrounding area are used for commercial and industrial purposes. Residential properties are located west of the Site. Within the foreseeable future, the Site will continue to be used for commercial or industrial purposes. An institutional control/deed notice may be placed on a portion of the property to continue to restrict Site land use to commercial and industrial purposes only.

#### *Groundwater*

As noted in Section 3.2, Site hydrogeologic conditions are not conducive for installation of groundwater abstraction wells. According to the June 1994 *Comprehensive Project Management Plan for Ground Water Monitoring and Remediation Activities* prepared by GTI, no private or public potable water supply wells are located within 1.5 miles of the Site.

### *Surface Water*

Gerbode Creek is an intermittent stream that transects the eastern portion of the Site and flows from the south to the north. Given the small size and intermittent flow characteristics of this stream, it is not considered to be a resource with respect to drinking water or irrigation water, and is not considered to be a recreational resource.

#### **3.4.2** *Identification of Potential Human Receptors*

This section identifies the types of potential human receptors that could be exposed to contaminants remaining at the Site under current and reasonably foreseeable future land uses for the purpose of characterizing the potential risks posed by Site impacts. Potential human receptors considered in this qualitative risk characterization include:

- current visitor or trespasser;
- current construction worker;
- future worker;
- future trespasser; and
- future construction worker.

As stated above, residential receptors are not considered as part of this qualitative risk assessment because current and reasonably foreseeable future land use does not include residents. A deed restriction/institutional control may be placed on the developed portion of the property to limit future property usage to industrial or commercial.

#### **3.4.3** *Identification of Potential Environmental Receptors*

ERM utilized the Vermont Agency of Natural Resources' "Bio Finder" map to identify locations of potential environmental receptors such as Wetlands, Vernal Pools, Potential Vernal Pools, Surface Waters and Riparian areas, as well as Rare and Uncommon Species and Natural Communities. Any sensitive receptors identified on the Bio Finder map within a one mile radius of the Site are shown in Figure 5. There are no Vernal Pools, Potential Vernal Pools, Important Habitat Areas or Uncommon or Rare Animal Species within the Site boundary or within a one-mile radius of the Site. The closest Important Habitat Area is approximately one mile southeast of the Site. The closest Uncommon and Rare Animal Species areas are more than one mile to the northwest, southwest, and east of the Site. One surface water body transects the Site

(Gerbode Creek) and additional Surface Water and Wetland areas exist to the west and east of the Site.

Based on the distribution of contamination at the Site and groundwater flow direction, the only potential identified environmental receptor is Gerbode Creek, which is an intermittent stream that transects the eastern portion of the Site. Gerbode Creek flows approximately from the south to the north across the Site. Historically, CVOCs were detected in surface water samples collected from this stream. However, review of time-series plots for the surface water sampling locations at the Site indicates that CVOC concentrations have decreased at all surface water locations at the Site. Time-series plots are included in Appendix A, Figure 12. Surface water TCE concentrations at NB-2 (last sampled in 2010) have been stable, but above the Vermont Surface Water Quality Standard for TCE, which is 2.7 (ug/L) (Vermont 2011). Surface water CVOC concentrations at the downgradient surface water sampling location closest to the Site property boundary, SS-2, have been non-detect, or below Vermont Surface Water Quality Standards, since 2003, indicating that CVOCs in surface water are not migrating off-Site. As such, the on-Site portion of the Gerbode Creek remains a potential environmental receptor. For each of the potential receptors identified above, ERM identified potential exposure points (i.e., indoor air, soil gas, groundwater, and soil) and exposure pathways (i.e., inhalation of vapors, incidental ingestion and dermal contact). Based on the confirmed presence of contamination in soil gas, groundwater, surface water and soil, and the potential human receptors identified above, ERM identified the following potential exposure pathways:

- current visitor or trespasser:
  - incidental ingestion of impacted surface water,
  - dermal contact with impacted surface water,
  - inhalation of vapors present in indoor air;
- current construction worker:
  - inhalation of vapors present in indoor air,
  - inhalation of vapors present in soil gas,
  - incidental ingestion of impacted soil,
  - dermal contact with impacted soil,
  - incidental ingestion of impacted surface water,
  - dermal contact with impacted surface water,
  - incidental ingestion of impacted groundwater,



- dermal contact with impacted groundwater;
- future worker or trespasser:
  - incidental ingestion of impacted surface water,
  - dermal contact with impacted surface water,
  - inhalation of vapors present in indoor air; and
- future construction worker:
  - inhalation of vapors present in indoor air,
  - inhalation of vapors present in soil gas,
  - incidental ingestion of impacted soil,
  - dermal contact with impacted soil,
  - incidental ingestion of impacted surface water,
  - dermal contact with impacted surface water,
  - incidental ingestion of impacted groundwater, and
  - dermal contact with impacted groundwater.

#### 3.4.4 *Receptors and Pathways Evaluation Conclusions*

The potential exposure pathways identified above can be simplified by combining them into three basic categories:

- potential exposures associated with subsurface construction activities,
- potential exposures associated with incidental contact (e.g., ingestion, dermal) with Site surface water; and,
- potential exposures associated with vapors present in indoor air.

The potential for risk associated with subsurface construction activities can be managed through a Site-specific risk assessment or with the use of a deed notice that requires the use of appropriately trained personnel to conduct subsurface construction activities at the Site when subsurface construction is needed/desired. These personnel would be required to develop a health and safety plan before implementing subsurface construction activities that would include environmental monitoring and the use of personal protective equipment, as appropriate.

The potential for risk associated with incidental contact with Site surface water can also be managed under a Site-specific risk assessment or by covering or culverting the portion of the stream containing TCE at concentrations above the Vermont Surface Water Quality Standard to eliminate contact with surface water.

With respect to the potential for vapor intrusion, ERM, on behalf of Energizer, is currently conducting a vapor intrusion investigation and Site-specific risk assessment to evaluate the potential for current or future unacceptable risks due to inhalation of vapors present in indoor air.

**SUMMARY**

As documented in this report, the Site satisfies the following requirements of 10 V.S.A. §6647 for Site investigation:

- The nature, source, degree, and extent of contamination have been defined.
- Possible pathways for contaminant migration have been defined.
- With the exception of the ongoing vapor intrusion investigation, the amounts of contaminants migrating along each pathway have been quantified.
- Relevant sensitive receptors have been identified.
- The risk to human health and the environment has been qualitative evaluated. Currently, completion of a Site-specific vapor intrusion risk assessment is being evaluated. Additional risk management may include a Site-specific risk assessment associated with the surface water and construction worker exposure scenarios.
- Energizer has completed extensive remediation and mitigation activities at the Site, including removal of impacted soil from the former plating room, former sludge dewatering lagoon, and former sludge disposal landfill. These remediation activities were reviewed and approved by the VTDEC. In addition, Energizer installed a groundwater interception trench that is successful in preventing further migration of CVOC-impacted groundwater beyond the property boundary. An ongoing groundwater monitoring program is currently being implemented at the Site to monitor the effectiveness of the groundwater interception trench at preventing further off-property contaminant migration and to demonstrate attenuation of contaminant levels in the dissolved-phase plumes located upgradient of the interception trench. Ongoing maintenance of the groundwater interception trench will continue to prevent off-Site migration of groundwater impacts.
- Given that the ongoing Site monitoring plan has been approved by the VTDEC and the ongoing vapor intrusion investigation and Site-specific risk assessment have not been completed, there is no need for a Corrective Action Plan (CAP) at this time. If the results of the ongoing vapor intrusion investigation and Site-specific risk

assessment identify the need for a CAP, then one will be submitted at that time.

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# APPENDIX J

10 June 2014

Mr. Michael B. Smith  
Vermont Department of Environmental Conservation  
Waste Management Division  
103 South Main Street/West Office  
Waterbury, Vermont 05671-0404



RE: Vapor Intrusion Investigation Report  
Former Energizer Battery Manufacturing Facility  
75 Swanton Road  
St. Albans, Vermont 05478

Dear Michael:

On behalf of Energizer Battery Manufacturing, Inc. (Energizer), Environmental Resources Management (ERM) has prepared this Vapor Intrusion Investigation Report (VIIR) for the former Energizer facility located at 75 Swanton Road, St. Albans, Vermont (the "Facility"). The purpose of the vapor intrusion investigation was to evaluate the potential for vapor intrusion in the former manufacturing building at the Facility. The investigation was performed in accordance with ERM's 6 May 2014 Field Sampling Plan (FSP).

The building is a one-story structure with no basement, and was constructed circa 1947. The building was historically used for manufacturing of flashlights and lithium batteries, until manufacturing activities ceased in September 2013. The building is heated by natural gas-fueled steam radiators, and cooled by a combination of a central air conditioning system (in the office space) and individual air conditioning units (in portions of the former manufacturing/warehouse space). A circulation system was also present in the former manufacturing/warehouse areas that allowed unconditioned air to circulate throughout the space.

The field portion of the vapor intrusion investigation was performed on 12 and 13 May 2014, and consisted of a pre-sampling building evaluation and the collection of sub-slab soil gas, indoor air, and ambient outdoor air samples for laboratory analysis. The investigation methodology and the sample results are discussed below.



## **SAMPLING METHODOLOGY**

### ***Building Evaluation***

Prior to initiating the sampling program, ERM completed a building evaluation to determine property-specific conditions that may affect the design and/or results of the sampling program. The building survey included an evaluation of foundation types and condition; identification of historical office and non-office spaces within the building; documentation of building construction details; and identification of potential preferential pathways. A photoionization detector (PID) was used as a general check for the presence of potential sources of volatile organic compounds (VOCs) during the building survey.

The Facility building is currently vacant and no chemicals were observed inside the building with exception of de minimis quantities of janitorial cleaning supplies in the former warehouse portion and a bin of approximately 50 dry erase markers in the former office space. The building's circulation system was in operation during building evaluation and sampling activities to represent normal building operation conditions. The Indoor Air Questionnaire and Building Survey form is included in Appendix A.

Based on the building evaluation, no deviations from the FSP were necessary, except that due to the presence of suspected asbestos-containing floor tiles in the former office space, sub-slab soil gas sampling location SS-4 was relocated to an adjacent, non-tiled area (as close to the proposed location as possible).

### ***Indoor Air Sample Collection***

Indoor air sampling locations are shown on Figure 1. Four indoor air sampling locations were co-located with four sub-slab soil gas sampling locations. The indoor air sampling locations were selected as follows:

- IA-1: Former cathode manufacturing/processing - Trichloroethene (TCE) mixed with other materials was applied to a foil media in this area;
- IA-2: Former TCE bulk storage - TCE was stored here for use in cathode manufacturing;
- IA-3: Former flashlight injection molding area; and,
- IA-4: Former office space.

Additionally, one duplicate indoor air sample (DUP-001) was collected from the vicinity of sample IA-2 for quality assurance purposes.

Six-liter Summa<sup>®</sup> canisters equipped with calibrated 10-hour flow regulators were used to collect the indoor air samples. The canisters were individually certified clean by the laboratory prior to use. The air intake of each canister was located at breathing zone heights of approximately 3 to 5 feet above the floor surface. Prior to commencing the indoor air sample collection, a PID was used as a general check for the presence of potential sources of VOC vapors in the vicinity of the sampling locations. No VOCs were detected with the PID in the vicinity of the sampling locations. During indoor air sampling activities, the circulation system was operational to simulate typical building conditions during Facility operations (i.e., when the building was occupied by workers). The canister vacuum was recorded on the sampling data sheet prior to and upon conclusion of the sampling period. Upon completion of the sample collection, the Summa canisters were delivered to TestAmerica Laboratories Inc., (TestAmerica) of South Burlington, Vermont for analysis. The sample collection sheets are provided in Appendix B.

### *Outdoor Ambient Air Sample Collection*

One outdoor ambient air sample was collected during the same 10-hour period as the indoor air samples. The outdoor ambient air sample was collected from a secure location on the eastern side (front) of the Facility building. The outdoor ambient air sample was collected with 6-liter Summa<sup>®</sup> canisters equipped with a 10-hour flow regulator, with the air intake located at breathing zone height of approximately 3 feet above the ground surface. The canister vacuum was recorded on the sampling data sheet prior to and upon conclusion of the sampling period. Upon completion of the sample collection, the outdoor ambient air sample was delivered to TestAmerica for analysis. The residual vacuum was confirmed by the laboratory after receipt of the canisters. The sample collection sheet is provided in Appendix B.

### *Sub-Slab Soil Gas Sample Collection*

Upon completion of the indoor air sampling, sub-slab soil gas sampling points were installed and sampled. Four sub-slab soil gas sampling points were located within the Facility building (see Figure 1). Prior to installing the sampling points, geophysical equipment was used to locate potential

subsurface utilities at the proposed sampling locations. Subsequent to the geophysical survey, sub-slab sampling points were installed as follows:

- a pilot 1.5-inch diameter hole was drilled into the concrete slab using an electric hammer drill to approximately 1.75 inches deep (i.e., prior to breaking through the slab);
- a 5/8-inch diameter hole was drilled through the remaining thickness of the slab and approximately 1 inch into the sub-slab material to form a void;
- the hole was cleaned of concrete cuttings and dust using a pipe brush;
- a Vapor Pin™ with a silicone sleeve (i.e., sub-slab sampling point) was placed over the hole and tapped into place using a dead blow hammer (the silicone sleeve formed a water and air tight seal with the concrete); and,
- the sub-slab sampling points was left in place for about 20 minutes to allow for re-equilibration with the surrounding soil prior to quality assurance checks and soil gas sampling.

After installation and equilibration of each sampling point, a purge check was conducted to confirm that sample extraction would not create significant vacuum in the sub-surface. Additionally, a sampling point leak check (by using a water dam around the sample point) was conducted to check for leaks in the seal between the concrete and the Vapor Pin™. Lastly, a shut-in test (by generating a vacuum inside the sample train) was completed to determine the security of the sampling train between the sampling point and the sampling canister. All three tests were performed satisfactorily at the four sub-slab soil gas sampling locations. Additional information regarding the specific procedures of the three quality control tests was provided in the FSP.

The sub-slab soil gas samples were collected into 6-liter Summa canisters equipped with flow controller limiting flow to approximately 200 milliliters/minute (i.e., approximately a 30 minute sampling time into a 6-liter sampling canister). The sub-slab soil gas canisters were individually-certified clean by the laboratory prior to use. The canister vacuum was recorded on the sampling data sheet prior to and upon conclusion of the sampling period. The residual vacuum was confirmed by the laboratory after receipt of the canisters. During sub-slab soil gas sampling activities, the circulation system was operational to simulate typical building conditions during Facility operations (i.e., when the building was occupied by workers). Upon completion of sample collection, sub-slab sampling ports were capped

and left in place with a stainless steel flush-mounted cover. The sample collection sheets are provided in Appendix B.

### *Differential Pressure Measurements*

Following collection of indoor air and sub-slab soil gas samples, differential pressure measurements were collected. Monitoring of differential pressure between the sub-slab and indoor air was performed at sub-slab sampling points SS-2 and SS-3. A differential pressure digital micro-manometer and recorder were used at each location for approximately 24-hours to evaluate temporal variability in differential pressures. Differential pressure at SS-2 indicated consistently fluctuating measurements that generally created a positive pressure within the area relative to sub-surface pressures. Differential pressure at SS-3 indicated generally no difference between pressures within that area of the building relative to sub-surface pressure. The pressure differential readouts are provided in Appendix C. In addition, instantaneous differential pressure readings were recorded at each sub-slab soil gas location prior to sample collection. Measurements indicated no difference in pressure between indoor air and sub-slab at SS-1, SS-3 and SS-4. A positive differential pressure was noted as SS-2, consistent with the 24-hour recorded data.

### *ANALYTICAL RESULTS*

Indoor air, outdoor ambient air and sub-slab soil gas samples were analyzed by TestAmerica for VOCs via EPA Method TO-15 Low Level. Analytical results for sub-slab soil gas, indoor air and outdoor ambient air samples were reported for chlorinated VOCs (CVOCs) that include chlorinated solvents formerly used at the Facility and their degradation products. The sample results were compared to the Vermont Screening Levels for indoor air and shallow soil gas.

A summary of the samples collected and analytical results generated as part of this sampling event are presented in Table 1. Note that indoor air samples IA-1 and IA-2 required dilution; the diluted sample results are denoted as IA-1(DL) and IA-2(DL). The laboratory analytical report for the sampling event is included in Appendix D.

Indoor air analytical results indicated the presence of TCE in the four indoor air samples (IA-1 through IA-4) at concentrations above the Vermont Indoor Air Screening Value of 0.2 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ). TCE was

also detected in the outdoor ambient air sample (OAA-1) at a concentration of 0.11  $\mu\text{g}/\text{m}^3$ .

Sub-slab soil gas analytical results indicated the presence of TCE in the four sub-slab soil gas samples (SS-1 through SS-4) at concentrations above the Vermont Shallow Soil Gas Screening Value of 5  $\mu\text{g}/\text{m}^3$ .

No other compounds of concern were detected in the analyzed samples at concentrations above the Vermont Screening Levels for indoor air and shallow soil gas.

Please contact Catherine Regan at (617) 646-7859 if you have any questions, concerns or require additional information.

Sincerely,



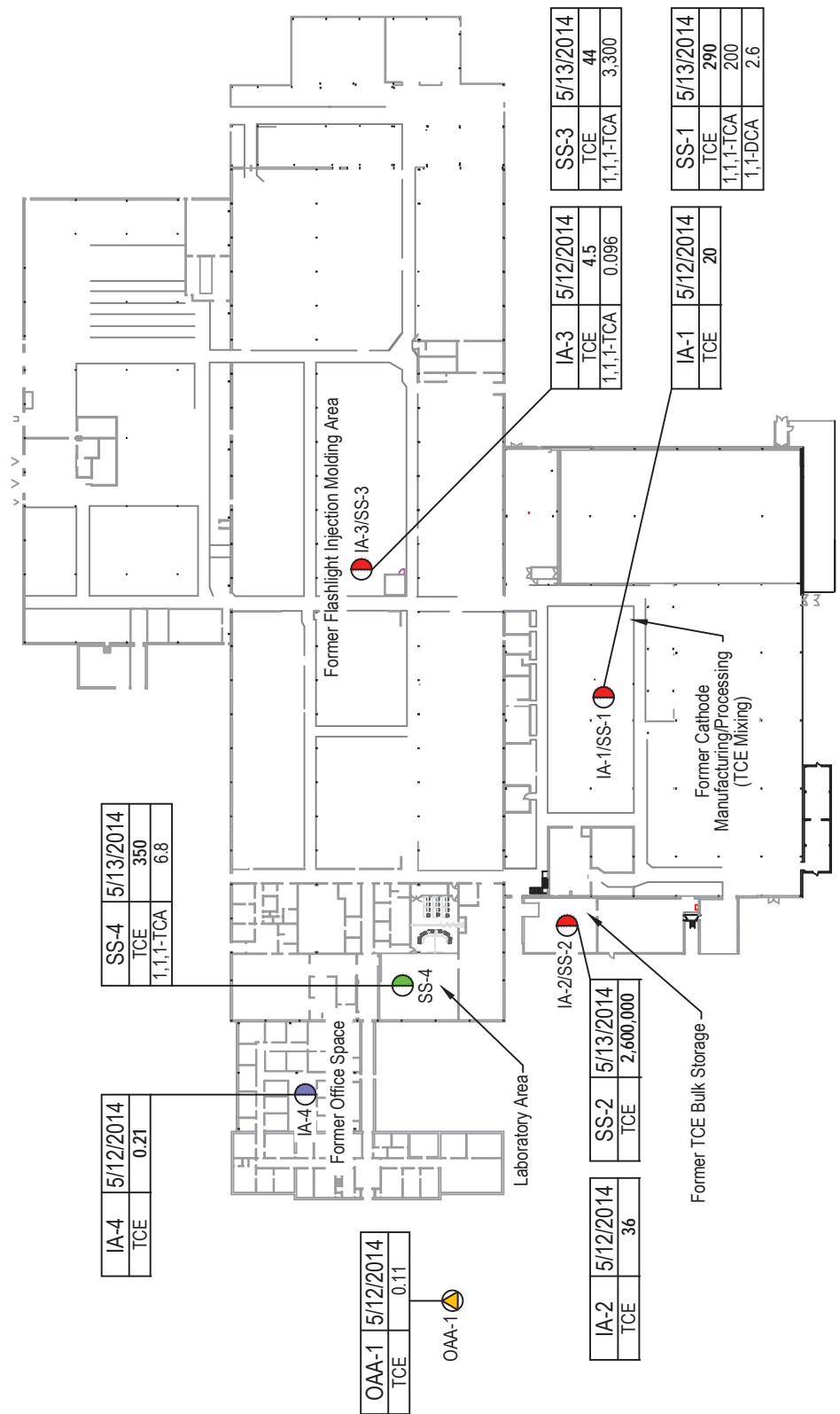
R. Joseph Fiacco, Jr., P.G.  
*Principal-in-Charge*



Catherine E. Regan, P.E.  
*Project Manager*

Enclosures: Figure 1 - Vapor Intrusion Sampling Results - May 2014  
Table 1 - Summary of Indoor Air, Outdoor Ambient Air,  
and Sub-Slab Soil Gas Analytical Results - May  
2014  
Appendix A - Indoor Air Questionnaire and Building Survey  
Appendix B - Field Sampling Forms  
Appendix C - Pressure Differential Readouts  
Appendix D - Analytical Laboratory Report

## *FIGURES*



**Legend:**

- IA-1/SS-1 Indoor Air and Sub-Slab Soil Gas Sampling Location
- IA-1 Indoor Air Sampling Location
- SS-1 Sub-Slab Soil Gas Sampling Location
- OAA-1 Outdoor Ambient Air Sampling Location

**Vermont Screening Values**

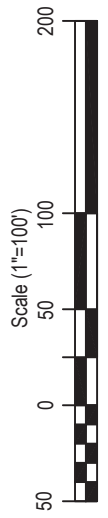
Compound	Indoor Air (µg/m³)	Shallow Soil Gas (µg/m³)
Trichloroethene (TCE)	0.2	5
cis-1,2-Dichloroethene (C-1,2-DCE)	NS	NS
trans-1,2-Dichloroethene (T-1,2-DCE)	NS	NS
Vinyl chloride (VC)	0.11	1.1
1,1,1-Trichloroethane (1,1,1-TCA)	1,000	10,000
1,1-Dichloroethene (1,1-DCE)	20	200
1,1-Dichloroethane (1,1-DCA)	50	500

**Notes:**

1. Sampling locations are approximate.
2. Only detections are shown.
3. Bold indicates exceedance of Vermont Screening Values. Indoor air and outdoor ambient air sample results were compared to the indoor air values. Sub-slab soil gas sample results were compared to the shallow soil gas values.
4. All results are in micrograms per cubic meter (µg/m³).

**Figure 1 - Vapor Intrusion Sampling Results**

May 2014  
Energizer  
St. Albans, VT



## *TABLES*



**Table 1**  
**Summary of Indoor Air, Outdoor Ambient Air, and Sub-Slab Soil Gas Analytical Results - May 2014**  
**Former Energizer Battery Manufacturing Facility**  
**75 Swanton Road, St. Albans, VT**

Sample ID	Vermont Screening Values		SS-1	SS-2	SS-3	SS-4	IA-1	IA-2	IA-2(DUP)	IA-3	IA-4	OAA-1
	Indoor Air (ug/m3)	Shallow Soil Gas (ug/m3)										
Trichloroethene	0.2	5	290	2600000	44	350	20 <sup>D</sup>	36 <sup>D</sup>	42 <sup>D</sup>	4.5	0.21	0.11
cis-1,2-Dichloroethene	NS	NS	<1.2	<14000	<12	<2.4	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
trans-1,2-Dichloroethene	NS	NS	<1.2	<14000	<12	<2.4	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
Vinyl chloride	0.11	1.1	<0.77	<9000	<7.7	<1.5	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
1,1,1-Trichloroethane	1000	10000	200	<19000	3300	6.8	<0.055	<0.055	<0.055	0.096	<0.055	<0.055
1,1-Dichloroethene	20	200	<1.2	<14000	<12	<2.4	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040
1,1-Dichloroethane	50	500	2.6	<14000	<12	<2.4	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040

Notes:

NS = No standard

<sup>D</sup> = Analytical result obtained from a dilution of the sample

Grey shading and bold = compound detected at concentration that exceeds the Vermont Screening Value  
 Some reporting limit exceeds the Vermont Screening Value due to elevated detections of trichloroethene

# APPENDIX K

## **QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS**

Site visits, research, interviews, and report writing were performed by Mr. James Rose. Mr. Rose has over 7 years of environmental assessment and remediation experience and over 13 years of environmental engineering and project management experience.

All work completed as part of this ESA was supervised and reviewed by Mr. Steven LaRosa. Steve has over 20 years of experience performing Phase I & II ESAs, Corrective Action Feasibility Investigations and Corrective Action Plans.

Mr. Kenneth Bisceglia, PE, CHMM provided technical oversight and QA/QC review of the ESA product. Ken has over 20 years of experience and is a licensed Professional Engineer in Vermont and a Certified Hazardous Materials Manager.

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.

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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.

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.