

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
SWAN LAKE DAM  
SWANVILLE, MAINE**

Prepared for:

City of Belfast, Maine  
131 Church Street  
Belfast, Maine  
(Using USEPA Brownfields Funding  
Under Belfast's Assessment Grant No. BF96151001-0)

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## EXECUTIVE SUMMARY

The following report presents the findings of a Phase I Environmental Site Assessment (ESA) performed by Ransom Consulting Inc. (Ransom) for the Swan Lake Dam property located at the southern end of Swan Lake in the Town of Swanville, Waldo County, Maine (the "Site"). This Phase I ESA was performed in accordance with the requirements of ASTM International Designation: E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, which meets the requirements of the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI), 40 CFR Part 312. The purpose of this Phase I ESA was to document the environmental history of the Site, to evaluate whether a release or threat of release of oil and/or hazardous material (OHM) has occurred or has the potential to impact the Site, and to provide our professional opinion regarding evidence of *recognized environmental conditions (RECs)* in connection with the Site.

The Site consists of the Swan Lake Dam and associated property, which encompasses an approximate 0.5-acre, irregular-shaped parcel of land located at the southern end of Swan Lake near the intersection of Curtis Road and North Searsport Road in the Town of Swanville.

Based on available information, the Swan Lake Dam was constructed circa 1850 and has been utilized to control the water level of Swan Lake and associated outflow into the Goose River for downstream hydroelectric power use. No buildings have reportedly been constructed at the Site. The dam is approximately 100 feet in length, 4 feet wide, and 10 feet high with an approximate 25 foot wide, steel-gated spillway and three concrete spillway culverts, which channel water from Swan Lake to the Goose River under Curtis Road. Portions of the Site not improved with the Swan Lake Dam structure consist of crushed gravel and overgrown vegetated areas.

No evidence of OHM storage or a release, a potential release, or a material threat of a release of OHM was observed during our Site reconnaissance.

As part of Ransom's assessment of the Site, Environmental Data Resources, Inc. (EDR) conducted an environmental database search. Ransom also reviewed the Maine Department of Environmental Protection (MEDEP) online databases. The Site was not identified on federal and state databases searched by EDR or Ransom, and no properties located in the Site vicinity identified by EDR or Ransom with documented adverse environmental conditions are anticipated to have adversely impacted environmental conditions at the Site.

In conformance with the scope and limitations of ASTM Standard Practice E 1527-05 and USEPA AAI (40 CFR Part 312), Ransom has completed a Phase I ESA for the Site identified by the Town of Swanville Assessor's Office as Lot 33 on Tax Map 13, which corresponds to the Swan Lake Dam, Town of Swanville, Waldo County, Maine. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. Based on the information obtained during this Phase I ESA, no evidence of *recognized environmental conditions (RECs)* was identified in connection with the Site; and therefore, Ransom concludes that additional environmental investigation is not warranted at this time.

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## 1.0 INTRODUCTION

The following report presents the findings of a Phase I Environmental Site Assessment (ESA) performed by Ransom Consulting Inc. (Ransom) for the Swan Lake Dam property located at the southern end of Swan Lake in the Town of Swanville, Waldo County, Maine (the "Site"). The Phase I ESA was prepared for the City of Belfast, using the United States Environmental Protection Agency (USEPA) Brownfields funding under the City of Belfast's Brownfields Assessment Grant No. BF-96151001-0. Refer to Figure 1, Site Location Map, to view the general location of the Site on a 7.5-minute topographic quadrangle.

### 1.1 PURPOSE

The purpose of this Phase I ESA was to assess the environmental condition of the Site by performing "all appropriate inquiry" into the previous ownership and uses of the Site consistent with good commercial or customary practice, taking into account commonly known and reasonably ascertainable information. The goal of the assessment was to identify "recognized environmental conditions" (RECs) in connection with the Site. The term RECs means:

- ☑ *The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.*

By performing a Phase I ESA of a parcel of real estate 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, a user satisfies one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability.

### 1.2 SCOPE OF WORK

This Phase I ESA was performed in accordance with the requirements of ASTM International Designation: E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2005* (ASTM Standard Practice) and USEPA All Appropriate Inquiry (AAI), 40 CFR Part 312, and included the completion of the following tasks:

- Review municipal records and search state and federal environmental databases for sites or conditions of environmental concern;
- Review historical land use records to evaluate past use of the Site and adjoining properties;

- Perform a site reconnaissance to observe current conditions of the Site and the general land use of surrounding properties; and
- Conduct interviews with past and present owners, operators, and occupants of the Site.

### **1.3 SIGNIFICANT ASSUMPTIONS**

No significant assumptions were made during the performance of this Phase I ESA.

### **1.4 LIMITATIONS, EXCEPTIONS, AND DEVIATIONS**

Along with the limitations set forth in various sections of the ASTM Standard Practice E 1527-05 protocol, the accuracy and completeness of this report is limited by the following:

- Access Limitations—None
- Physical Obstructions to Observations—None
- Outstanding Information Requests—None
- Historical Data Source Failure—None
- Exceptions or Deviations—None
- Other—None

The findings provided by Ransom in this report are based solely on the information reported in this document. Should additional information become available in the future, this information can be reviewed by Ransom and the findings presented herein may be modified as a result of the review. It should be noted that information obtained from state and local agencies is not necessarily all-inclusive and that files may have been reviewed and purged by officials prior to review by the public.

### **1.5 SPECIAL TERMS AND CONDITIONS**

Authorization to perform this Phase I ESA was provided by the City of Belfast.

### **1.6 USER RELIANCE**

This report was prepared using USEPA Brownfields funding under the City of Belfast's Brownfields Assessment Grant No. BF-96151001-0, and therefore, is a public document. However, the services, findings, and conclusions, noted herein, and associated documents provided to the client by Ransom are solely for the benefit of the City of Belfast, their affiliates and subsidiaries and their successors, assigns, and grantees. Other than for public informational purposes, reliance or any use of this report by anyone other than the City of Belfast, for whom it was prepared, is prohibited. Reliance or use by any such third party, without explicit authorization in the report or reliance letter, does not make said third party a third party beneficiary to Ransom's contract with the City of Belfast. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

## **2.0 PROJECT LOCATION/DESCRIPTION**

### **2.1 LOCATION AND LEGAL DESCRIPTION**

The Site consists of the Swan Lake Dam and associated property, which encompasses an approximate 0.5-acre, irregular-shaped parcel of land located at the southern end of Swan Lake near the intersection of Curtis Road and North Searsport Road in the Town of Swanville, Waldo County, Maine. The Site is identified by the Town of Swanville Assessor's Office as Lot 33 on Tax Map 13. Refer to Figures 1 and 2, Site Location Map and Site Plan, for the layout of the Site and adjoining properties.

### **2.2 CURRENT SITE AND VICINITY CHARACTERISTICS AND USES**

The Site is located in a mixed residential, commercial, and undeveloped wooded/agricultural area of Swanville. Swan Lake is utilized for recreational use, including fishing, boating, water sports, and swimming.

The Site consists of a concrete and field-stone dam and associated property, which are utilized to control the water level of Swan Lake and associated outflow into the Goose River for downstream hydroelectric power use. The dam is approximately 100 feet in length, 4 feet wide, and 10 feet high with an approximate 25 foot wide, steel-gated spillway and three concrete spillway culverts, which channel water from Swan Lake to the Goose River under Curtis Road.

### **2.3 DESCRIPTION OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE PROPERTY**

Portions of the Site not improved with the Swan Lake Dam structure consist of crushed gravel and overgrown vegetated areas. A Site Plan and photograph log are included as Figure 2 and Appendix A, respectively.

### **2.4 PHYSICAL SETTING**

#### **2.4.1 Topography**

The topography of the Site slopes downward to the south. Based on the Mount Waldo, Maine USGS Quadrangle, the general elevation of the Site is approximately 200 feet above mean sea level, as referenced to the National Geodetic Vertical Datum (NGVD). Regional topography generally slopes downward to the south.

#### **2.4.2 Soils/Geology**

According to the *1986 Surficial Geology Map of the Bucksport Quadrangle* (Open File No. 86-8), surficial soils at the Site are identified as glacially-derived deposits of till (Qt) and glacial-stream deposits (Qg), which are characterized by a heterogeneous mixture of gravel, sand, silt, clay, stones, and cobbles.

According to *1985 Bedrock Geologic Map of Maine*, bedrock in the area of the Site is identified as the Mount Waldo Granite (Dmw), which consists of fine-grained to very-fine grained biotite, amphibole granite. Ransom did not observe bedrock outcrops at the Site during our reconnaissance.

### **2.4.3 Surface Water Bodies/Floodplains**

As previously discussed, the Site consists of the Swan Lake Dam, which serves as the boundary between Swan Lake and the Goose River. Floodplain information was provided by Environmental Data Resources, Inc. (EDR). A copy of the EDR research data is included in Appendix B of this report. Based on the Waldo, Maine National Flood Insurance Program Map (Community Panel Number 2302670005A), the Site is located within the 100-year flood zone.

### **2.4.4 Hydrogeology**

Based on field observations and adjoining surface water bodies, the localized shallow groundwater flow is presumed to be to the south. It should be noted that groundwater flow direction at the Site cannot be confirmed without a groundwater elevation survey. Shallow groundwater flow may also be influenced by underground utilities, heterogeneous subsurface soil strata, and/or other subsurface structures, which may act as preferred pathways of flow.

### **3.0 USER PROVIDED INFORMATION**

An ASTM User Questionnaire, completed by Thomas Kittredge of the City of Belfast, is included as supplemental documentation in Appendix C. The following provides a summary of the information provided in the User Questionnaire.

#### **3.1 TITLE RECORDS**

Title records in connection with the Site were not provided by the City of Belfast. Refer to Section 4.3 for a summary of chain-of-title information obtained by Ransom during our online review of the Waldo County Registry of Deeds.

#### **3.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULS)**

No environmental liens or activity/use restrictions in connection with the Site were identified by the City of Belfast or during our online review of the Waldo County Registry of Deeds.

#### **3.3 SPECIALIZED KNOWLEDGE**

The City of Belfast reported having no specialized knowledge of the Site or historic Site operations.

#### **3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION**

No commonly known or reasonably ascertainable information about the Site that is material to RECs in connection with the Site was provided by the City of Belfast. Commonly known and reasonably ascertainable information regarding RECs was obtained from interviews with the current property owner, and review of State and Federal databases, as described throughout the applicable sections of this report.

#### **3.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES**

The City of Belfast did not identify a reduction in the purchase price, as compared to the fair market value, that was due to the Site being impacted by hazardous substances or petroleum products. Therefore, the current value of the Site does not affect Ransom's ability to identify RECs in connection with the Site.

#### **3.6 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION**

The Site owner, Catherine Gleeson of Goose River Hydro, Inc., has provided Ransom with available information pertinent to recognized environmental conditions in connection with the Site.

#### **3.7 REASON FOR PERFORMING PHASE I ESA**

This Phase I ESA was performed for the City of Belfast and on behalf of potential bona fide prospective purchasers in order to support their environmental due diligence of the Site, prior to potential property transfer.

#### **3.8 PREVIOUS ENVIRONMENTAL REPORTS**

No previous environmental reports in connection with the Site were provided by the City of Belfast.

#### 4.0 HISTORICAL USES

##### 4.1 HISTORICAL USE INFORMATION FOR THE SITE

The history of the Site was researched to ascertain past use from the present back to the property's first developed use, or back to 1940, whichever was earlier. Reasonably ascertainable historical information sources researched in this assessment allowed uses of the Site to be traced from the present back to 1850. At that time, the Site was undeveloped. The following standard historical sources were reviewed by Ransom:

- Information provided by the property owner, Catherine Gleeson of Goose River Hydro, Inc.
- Information reviewed at the Town of Swanville municipal offices.
- Historical topographic maps, dated 1900, 1948, 1955, and 1982 (Appendix D).
- Aerial photographs, provided by EDR, dated 1942, 1970, 1976, 1984, 1991, 1997, 1998, 2006, and 2007 (Appendix E).
- Information reviewed at the Waldo County Registry of Deeds.
- Information reviewed at the Belfast Historical Society.

Ransom also contracted EDR to perform a search of available historic Sanborn Fire Insurance Maps and historic City Directories. According to EDR, no Sanborn Fire Insurance Maps or historic City Directories were available for the area of the Site. The following table presents a summary of the historical use of the Site over time.

Year(s)	Property Use and Observed Details	Reference Source
circa 1850 to Present	Swan Lake Dam	Site owner, Municipal offices, Aerial Photos, Topo Maps, Historical Society & Registry of Deeds
Prior to circa 1850	Undeveloped land	Historical Society & Registry of Deeds

#### 4.2 HISTORICAL USE INFORMATION FOR ADJOINING PROPERTIES

Historical uses of the adjoining properties to the Site are presented in the table below and were identified in the standard historical sources listed above during the course of researching the Site.

Year(s)	Property Use and Observed Details	Reference Source
<b>North</b>		
circa 1850 to Present	Swan Lake	Site visit, Municipal offices, Topographic Maps & Aerial Photos
Prior to circa 1850	Goose River	Historical Society
<b>South</b>		
circa 1900 to Present	Swan Lake Grocery	Site visit, Municipal offices, Topographic Maps & Aerial Photos
Prior to circa 1900	Unimproved/agricultural land	Historical Society
<b>West</b>		
circa 1900 to present	Residential	Site visit, Municipal offices, Topographic Maps & Aerial Photos
Prior to circa 1900	Unimproved/agricultural land	Historical Society
<b>East</b>		
circa 1900 to present	Residential	Site visit, Municipal offices, Topographic Maps & Aerial Photos
Prior to circa 1900	Unimproved/agricultural land	Historical Society

### 4.3 CHAIN OF TITLE

According to the Town of Swanville Assessor's Office, the Site is currently owned by Goose River Hydro Inc. The following ownership history was derived from information reviewed at the Waldo County Registry of Deeds.

<b>Owner</b>	<b>Date</b>	<b>Book/Page</b>
Goose River Hydro, Inc.	07/23/1981	791/76
Sherman & Company	10/12/1931	378/320
Seth Nickerson	03/25/1825	12/5
Reuben Nickerson	Unavailable	Unavailable

No environmental liens or activity/use restrictions regarding the Site were included with the title records.

## 5.0 RECORDS REVIEW

### 5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Ransom contracted Environmental Data Resources, Inc. (EDR) to conduct a search of Federal and State databases containing known and suspected sites of environmental contamination. The number of listed sites identified within the approximate minimum search distance (AMSD) from the Federal and State environmental records database listings specified in ASTM Standard Practice E 1527-05 are summarized in the following table. Detailed information for sites identified within the AMSDs is provided in Section 5.1.1, along with an opinion about the significance of the listing to the analysis of RECs in connection with the Site. A copy of the EDR research data and descriptions of the databases is included in Appendix B of this report.

DATABASE RECORD	AMSD (Miles)	Total Sites Found	On Subject Property	On Adjoining Property
Federal NPL List	1	0	No	No
Federal Delisted NPL List	0.5	0	No	No
Federal CERCLIS List	0.5	0	No	No
Federal CERC-NFRAP List	0.5	0	No	No
Federal RCRA CORRACTS Facilities List	1	0	No	No
Federal RCRA Non-CORRACTS TSD Facilities List	0.5	0	No	No
Federal RCRA Generators List	Property and Adjoining	0	No	No
Federal Institutional/Engineering Controls Registries	0.5	0	No	No
Federal ERNS List	Property Only	0	No	No
State-Equivalent CERCLIS/SHWS List	0.5	0	No	No
State Landfill and/or Solid Waste Disposal Site List	0.5	0	No	No
State Leaking AST List	0.5	0	No	No
State Registered AST List	0.25	0	No	No
State Leaking UST List	0.5	0	No	No
State Registered UST List	0.25	1	No	Yes
State Institutional/Engineering Controls Registries	0.5	0	No	No
State Voluntary Cleanup Sites	0.5	0	No	No
State Brownfield Sites	0.5	0	No	No

### **5.1.1 Discussion of Database Findings**

The following presents a discussion of pertinent surrounding properties identified within the databases outlined above. Discussions have not been included for databases in which no properties were identified, or for properties which were determined not to represent a threat to the environmental condition of the Site, based on their location with respect to the Site, or the significance of the environmental concern represented by the identified property.

#### State Registered UST Sites

The adjoining property to the south (Swan Lake Grocery) was identified as State Registered Underground Storage Tank (UST) facility. This property is not anticipated to have adversely impact environmental conditions at the Site based on its inferred downgradient location from the Site.

No other State Registered UST facilities were identified by EDR on the Site or on adjoining properties.

#### Orphan Sites

EDR orphan site designation indicates insufficient address information for the sites to be plotted. Ransom reviewed the 17 Orphan sites identified by EDR and determined that 1 Orphan Site (Swan Lake Grocery) was identified as an underground injection control (UIC) facility and is described in the paragraphs above. The remaining Orphan Sites are located at positions considered to be hydraulically isolated/downgradient from the Site, or are beyond the applicable ASTM search parameters, and therefore, are unlikely to impact the Site.

### **5.1.2 Maine Department of Environmental Protection Online Databases**

Ransom also reviewed the following Maine Department of Environmental Protection (MEDEP) online databases for information pertaining to the Site and/or properties in the vicinity of the Site with known and/or suspected environmental contamination and their potential to adversely impact environmental conditions at the Site.

- “Division of Remediation Sites List” (MEDEP “Sites List”) online database;
- “Non-Conforming Tanks” online database;
- “Registered Underground Oil Storage Tanks” online database;
- “Active and Out of Service Underground Oil Storage Tanks Including Tanks That Have Not Been Properly Abandoned” online database; and
- “Oil Storage Tank Search & Operator Training” online database;
- “Hazardous and Oil Spill” online database.

The Site was not identified on any of the databases reviewed by Ransom. The online databases did not identify any additional properties with known and/or suspected environmental contamination that were not identified by EDR.

## **5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES**

### **5.2.1 Town of Swanville Assessor's Office**

Information provided by the Town of Swanville Assessor's Office included a current property card and tax map for the Site. Information provided by the Assessor's Office regarding the Site history coincided with information discussed in Section 4.4 of this report. The property card did not include information pertaining to underground or aboveground storage tanks, hazardous waste storage, and/or adverse environmental conditions at the Site.

### **5.2.2 Town of Swanville Code Enforcement Office**

Ransom contacted the Town of Swanville Code Enforcement Officer, Mr. David Schofield regarding environmental conditions at the Site. Mr. Schofield indicated that the Code Enforcement Office does not maintain a file for the Site, and he had no personal knowledge of OHM releases, emergency responses, or adverse environmental conditions at the Site.

### **5.2.3 Town of Swanville Fire Department**

Ransom contacted Fire Warden Terry Sawyer at the Town of Swanville Volunteer Fire Department regarding environmental conditions at the Site. Mr. Sawyer indicated that the Fire Department does not maintain a file for the Site, and he had no personal knowledge of OHM releases, emergency responses, or adverse environmental conditions at the Site.

## **5.3 PREVIOUS INVESTIGATIONS/ASSESSMENTS**

Ransom does not have knowledge of previous environmental investigations/assessment studies conducted at the Site.

## **6.0 SITE RECONNAISSANCE**

On May 30, 2012, Ransom conducted a reconnaissance of the Site. Mr. Thomas Kittredge, Economic Development Director for the City of Belfast, provided an explanation of the Site and facilities to be assessed. A photograph log is included in Appendix A.

### **6.1 METHODOLOGY AND LIMITING CONDITIONS**

The site reconnaissance included observations of the property grounds for evidence of releases, or potential releases of oil and/or hazardous materials (OHM), or a material threat of releases of OHM. Weather conditions at the time of the reconnaissance were partly cloudy with temperatures around 70 ° F.

### **6.2 GENERAL SITE SETTING AND OBSERVATIONS**

The Swan Lake Dam is a concrete and field-stone dam located at the southern end of Swan Lake near the intersection of Curtis Road and North Searsport Road. The dam is approximately 100 feet in length, 4 feet wide, and 10 feet high with an approximate 25 foot wide, steel-gated spillway and three concrete spillway culverts, which channel water from Swan Lake to the Goose River under Curtis Road. The Site is located in a mixed residential, commercial, and undeveloped wooded/agricultural area of Swanville. Swan Lake is utilized for recreational use, including fishing, boating, water sports, and swimming.

#### **6.2.1 Hazardous Substances and Petroleum Products**

No hazardous substances or petroleum products were observed at the Site during our reconnaissance.

#### **6.2.2 Storage Tanks**

No aboveground storage tanks (ASTs) or evidence of USTs (i.e., fill and vent pipes, tank pads) were observed at the Site during our reconnaissance.

#### **6.2.3 Odors**

No strong, pungent, or noxious odors indicative of a release of OHM to the environment were noted at the Site during our reconnaissance.

#### **6.2.4 Pools of Liquid**

Ransom did not observe pools of liquid, indicative of a release of OHM, at the Site during our reconnaissance. As previously discussed, the Site serves as the boundary between Swan Lake and the Goose River. No odors or sheens, indicative of an OHM release, were noted in connection with these surface water bodies.

#### **6.2.5 Drums**

Ransom did not observe drums at the Site during our reconnaissance.

## **6.2.6 Unidentified Substance Containers**

Ransom did not observe unidentified substance containers at the Site during our reconnaissance.

## **6.2.7 Polychlorinated Biphenyls (PCBs)**

Ransom did not identify electrical transformers, hydraulic equipment, or other typical potential sources of polychlorinated biphenyls (PCBs) at the Site during our reconnaissance.

## **6.3 INTERIOR OBSERVATIONS**

The Site was not developed with any buildings at the time of our reconnaissance. Therefore, interior observations do not apply.

## **6.4 EXTERIOR OBSERVATIONS**

### **6.4.1 Pits, Ponds or Lagoons**

No pits, ponds, or lagoons reported to have been utilized for waste disposal or waste treatment purposes were observed on the Site during our reconnaissance.

### **6.4.2 Stained Soil or Pavement**

Ransom did not observe stained soil or pavement, indicative of an OHM release, at the Site during our reconnaissance.

### **6.4.3 Stressed Vegetation**

Ransom did not observe stressed vegetation, indicative of an OHM release, at the Site during our reconnaissance.

### **6.4.4 Solid Waste**

Solid waste was not observed to be currently generated or stored at the Site.

### **6.4.5 Waste Water**

Waste water is not generated at the Site.

### **6.4.6 Wells**

Ransom did not observe groundwater monitoring, water supply, dry wells, irrigation wells, or injection wells at the Site.

### **6.4.7 Drains**

No drains were observed on the Site.

### **6.4.8 Other**

Ransom did not observe conditions of potential concern beyond those described above.

## **7.0 INTERVIEWS**

Ransom interviewed the following entities/individuals in an effort to obtain information indicating potential RECs in connection with the Site.

### **7.1 PAST AND PRESENT SITE OWNERS**

On May 30, 2012, Ransom interviewed the Site owner, Catherine Gleeson of Goose River Hydro. Ms. Gleeson stated that she has no knowledge of RECs in connection with the Site or vicinity during and/or prior to her acquisition.

### **7.2 SITE MANAGER**

Information provided by Catherine Gleeson is discussed above.

### **7.3 SITE OCCUPANTS**

The Site is currently and has historically been unoccupied.

### **7.4 LOCAL GOVERNMENT OFFICIALS**

In May and June, 2012, Ransom conducted informal interviews with various municipal officials with the Town of Swanville, regarding their knowledge of the Site. Ransom also interviewed Fire Warden Terry Sawyer of the Swanville Volunteer Fire Department for any special knowledge of environmental conditions at the Site, as described above. Information provided by the interviewees is included throughout the pertinent sections of this report.

## **8.0 SUMMARY OF KEY FINDINGS**

Ransom has completed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 and AAI (40 CFR Part 312) for the Swan Lake Dam property located at the southern end of Swan Lake in the Town of Swanville, Waldo County, Maine.

The Site consists of the Swan Lake Dam and associated property, which encompasses an approximate 0.5-acre, irregular-shaped parcel of land located at the southern end of Swan Lake near the intersection of Curtis Road and North Searsport Road in the Town of Swanville.

Based on available information, the Swan Lake Dam was constructed circa 1850 and has been utilized to control the water level of Swan Lake and associated outflow into the Goose River for downstream hydroelectric power use. No buildings were identified in connection with the Site. The dam is approximately 100 feet in length, 4 feet wide, and 10 feet high with an approximate 25 foot wide, steel-gated spillway and three concrete spillway culverts, which channel water from Swan Lake to the Goose River under Curtis Road. Portions of the Site not improved with the Swan Lake Dam structure consist of crushed gravel and overgrown vegetated areas.

No evidence of OHM storage or a release, a potential release, or a material threat of a release of OHM was observed during our Site reconnaissance.

As part of Ransom's assessment of the Site, EDR conducted an environmental database search. Ransom also reviewed the MEDEP online databases. The Site was not identified on federal and state databases searched by EDR or Ransom, and no properties located in the Site vicinity identified by EDR or Ransom with documented adverse environmental conditions are anticipated to have adversely impacted environmental conditions at the Site.

## **9.0 DATA GAPS**

No significant data gaps were identified in the information collected for this assessment that affect Ransom's ability to identify conditions indicative of releases or threatened releases of OHM or that would materially affect our conclusions and opinions relative to recognized environmental conditions in connection with the Site.

## 10.0 CONCLUSIONS AND OPINIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 and USEPA AAI (40 CFR Part 312), of the Site identified by the Town of Swanville Assessor's Office as Lot 33 on Tax Map 13, which corresponds to the Swan Lake Dam, Town of Swanville, Waldo County, Maine. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of *recognized environmental conditions* (RECs) in connection with the Site. Therefore, we have not revealed conditions indicative of a release(s) or threatened release(s) of oil and/or hazardous material substances at the Site.

## **11.0 RECOMMENDATIONS**

Based on the information obtained during this assessment, Ransom concludes that additional environmental investigation is not warranted at this time.

## **12.0 ADDITIONAL SERVICES AND NON-SCOPE CONSIDERATIONS**

### **12.1 ADDITIONAL SERVICES**

The following environmental issues are outside the scope (non-scope considerations) of the standard practice defined by ASTM Standard Practice E 1527-05. This Phase I ESA does not identify or evaluate these non-scope considerations.

- Asbestos;
- Radon;
- Lead in Drinking Water;
- Wetlands;
- Regulatory Compliance;
- Cultural and Historic Resources;
- Industrial Hygiene;
- Health and Safety;
- Ecological Resources;
- Endangered Species;
- Indoor Air Quality;
- High Voltage Power Lines; or
- Biological Agents.

### **13.0 REFERENCES**

1. Town of Swanville Municipal Offices  
Ransom Site Visit: May 30, 2012.
2. Goose River Hydro, LLC- Catherine Gleeson  
Ransom Interview: May 30, 2012.
3. Environmental Data Resources (EDR) Radius Map Report, Aerial Photograph Report, Historical Topographic Map Report, and Sanborn® Fire Insurance Map Report, May 29, 2012.
4. Surficial Geology Map of the Bucksport Quadrangle (Open File No. 86-8), Maine Geological Survey, Department of Conservation, 1986.
5. Bedrock Geologic Map of Maine, Maine Geological Survey, Department of Conservation, Anderson, Walter A., 1985.
6. Maine Department of Environmental Protection  
Ransom Online Research: June 2012.
7. City of Belfast Historical Society  
Ransom Site Visit: May 30, 2012.

#### **14.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)**

##### Environmental Professional

We declare that, to the best of our professional knowledge and belief, we meet the definition of an Environmental Professional as defined in §312.10 of 40 CFR Part 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Qualifications of the individuals listed below are provided in Appendix F.

---

Aaron R. Martin  
Associate Project Manager/Primary Author

---

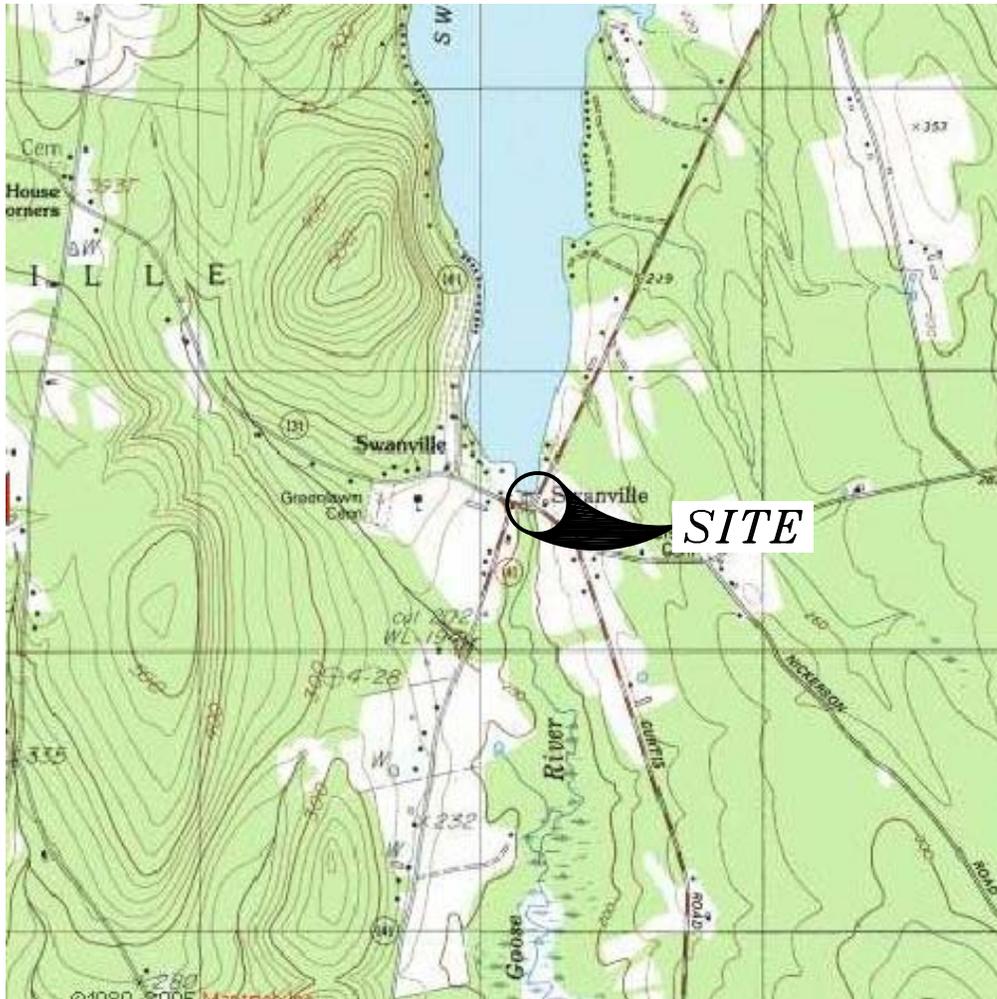
Eriksen P. Phenix, C.G.  
Project Geologist

---

Peter J. Sherr, P.E.  
Senior Project Manager/Belfast Brownfields Program Manager

---

Nicholas O. Sabatine, P.G.  
Vice President/Senior Geologist/Belfast Brownfields QA Officer



TAKEN FROM U.S.G.S. 7.5x15 MINUTE SERIES TOPOGRAPHIC MAP OF BANGOR, MAINE-1982.

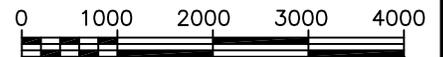
CONTOUR INTERVAL IS 20 FEET

SITE COORDINATES: LATITUDE 44°31'17"  
LONGITUDE 68°59'50"

UTM COORDINATES: 49: 29: 783mN  
5: 00: 220mE



QUADRANGLE LOCATION



SCALE in FEET  
1: 24,000

**RANSOM** Consulting, Inc.

**SITE LOCATION MAP**

PREPARED FOR:  
CITY OF BELFAST  
131 CHURCH STREET  
BELFAST, MAINE

SITE:  
SWAN LAKE DAM  
SWAN LAKE AVENUE  
SWANVILLE, MAINE

DATE: JUNE 2012  
PROJECT: 111.06134  
FIGURE: 1



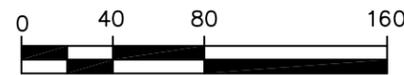
**LEGEND:**

⇒ FLOW DIRECTION

--- APPROXIMATE SITE BOUNDARY  
(BOUNDARY TAKEN FROM  
TOWN OF SWANVILLE TAX MAP)

**NOTES:**

1. SITE PLAN BASED ON OBSERVATIONS MADE BY RANSOM CONSULTING, INC. ON MAY 25, 2012. AERIAL IMAGE PROVIDED BY GOOGLE EARTH.
2. SOME FEATURES ARE APPROXIMATE IN LOCATION AND SCALE.
3. THIS PLAN HAS BEEN PREPARED FOR THE CITY OF BELFAST. ALL OTHER USES ARE NOT AUTHORIZED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM RANSOM CONSULTING, INC.



SCALE in FEET  
1"=80'

**RANSOM** Consulting, Inc.

PREPARED FOR:  
CITY OF BELFAST  
131 CHURCH STREET  
BELFAST, MAINE

SITE:  
SWAN LAKE DAM  
SWAN LAKE AVENUE  
SWANVILLE, MAINE

**SITE PLAN**

DATE: JUNE 2012  
PROJECT: 111.06134  
FIGURE: 2

**APPENDIX A**

Photograph Log

Phase I Environmental Site Assessment  
Swan Lake Dam  
Swanville, Maine

**Photograph Log**



**View of the Swan Lake Dam and Goose River outlet.  
View is to the north.**



**View of the Swan Lake Dam. View is to the west.**



**View of the Swan Lake Dam. View is to the east.**



**View of Swan Lake behind the dam.  
View is to the northwest.**



**View of the top of the Swan Lake Dam.**



**View of a Site along the Goose River to the south of Swan  
Lake Dam. View is to the east.**

**APPENDIX B**

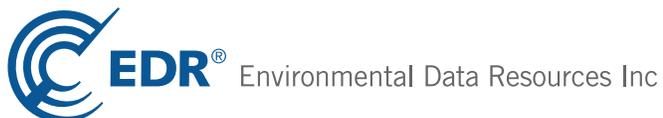
EDR Radius Map with GeoCheck® and EDR City  
Directory Abstract

Phase I Environmental Site Assessment  
Swan Lake Dam  
Swanville, Maine

**Swan Lake Dam**  
SWAN LAKE AVE  
Swanville, ME 04915

Inquiry Number: 3331728.2s  
May 29, 2012

## The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

SWAN LAKE AVE  
SWANVILLE, ME 04915

#### COORDINATES

Latitude (North): 44.5213000 - 44° 31' 16.68"  
Longitude (West): 68.9978000 - 68° 59' 52.08"  
Universal Transverse Mercator: Zone 19  
UTM X (Meters): 500174.8  
UTM Y (Meters): 4929558.5  
Elevation: 202 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 44068-E8 MOUNT WALDO, ME  
Most Recent Revision: 1982  
  
West Map: 44069-E1 BROOKS EAST, ME  
Most Recent Revision: 1982

### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2009  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

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

### 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

## EXECUTIVE SUMMARY

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

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

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

CORRACTS..... Corrective Action Report

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

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

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

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

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

ERNS..... Emergency Response Notification System

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

SHWS..... Remediation Sites List

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

SWF/LF..... Solid Waste Facility List  
LCP..... Municipal Landfill Closure Database

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

LUST..... Hazardous Material and Oil Spill System Database (H.O.S.S.)  
LAST..... HOSS Database  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

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

AST..... Aboveground Storage Tanks

## EXECUTIVE SUMMARY

INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

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

INST CONTROL..... Remediation Sites List

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

VCP..... Remediation Sites List  
INDIAN VCP..... Voluntary Cleanup Priority Listing

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

BROWNFIELDS..... Remediation Sites List

### **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  
SWRCY..... Recycling Facilities  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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

US CDL..... Clandestine Drug Labs  
ALLSITES..... Remediation Sites List  
DEL SHWS..... Sites Removed from the Uncontrolled Sites List  
US HIST CDL..... National Clandestine Laboratory Register

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

LIENS 2..... CERCLA Lien Information  
LUCIS..... Land Use Control Information System  
LIENS..... Environmental Liens Information Listing

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

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Hazardous Material and Oil Spill System Database

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

RCRA-NonGen..... RCRA - Non Generators  
DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees

## EXECUTIVE SUMMARY

ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
NPDES.....	Wastewater Facilities Listing
UIC.....	Underground Injection Control
DRYCLEANERS.....	Drycleaner Facilities
AIRS.....	Emissions Inventory Data
TIER 2.....	Tier 2 Information Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
EPA WATCH LIST.....	EPA WATCH LIST

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

### 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

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

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under

## EXECUTIVE SUMMARY

Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 02/01/2012 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

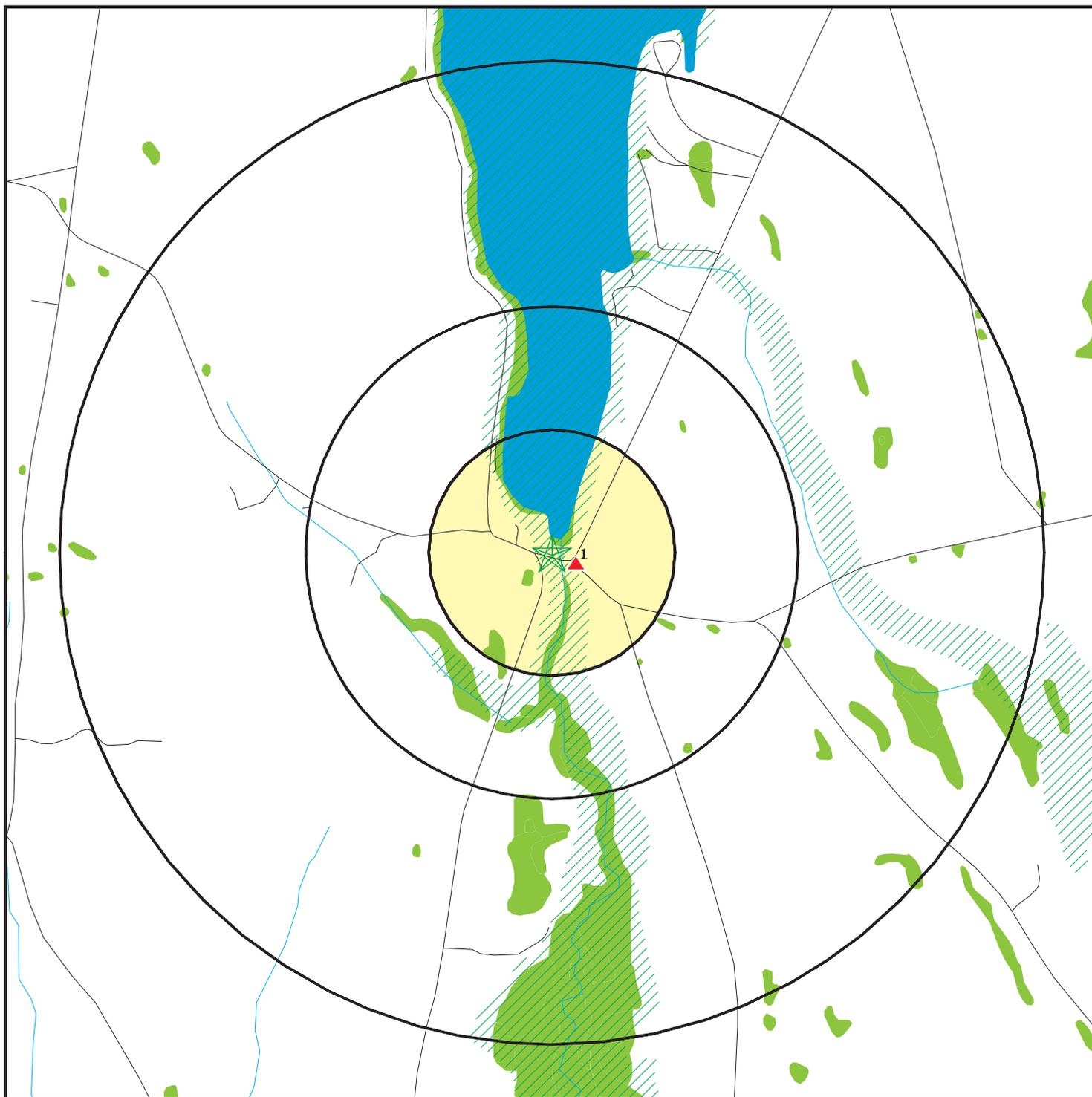
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SWAN LAKE GROCERY	ROUTE 141 & CURTIS ROAD	ESE 0 - 1/8 (0.053 mi.)	1	7

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 17 records.

<u>Site Name</u>	<u>Database(s)</u>
SWAN LAKE GROCERY	UIC
BELFAST & MOOSEHEAD LAKE RR	UIC
JORDAN CAMP	LAST
RENTAL PROPERTY	LAST
PARKER, DOUG	LAST
BOHAN LAURA	LAST
SWANVILLE TOWN DUMP	SWF/LF
CLEMENTS GARAGE	LUST
SWAN LAKE GAS	UST
MOM & DADS COUNTRY STORE	UST
BROWN, DEAN	UST
MONROE TOWN OF	UST
SWAN LAKE GROCERY	UST
CLEMENTS GARAGE	UST
CHRISTYS 32550	RCRA-SQG, FINDS
MAINE DOT VETERANS MEMORIAL BRIDGE	RCRA-NonGen, FINDS, MANIFEST
ABANDONED GARAGE	DEL SHWS

# OVERVIEW MAP - 3331728.2s



- ★ 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

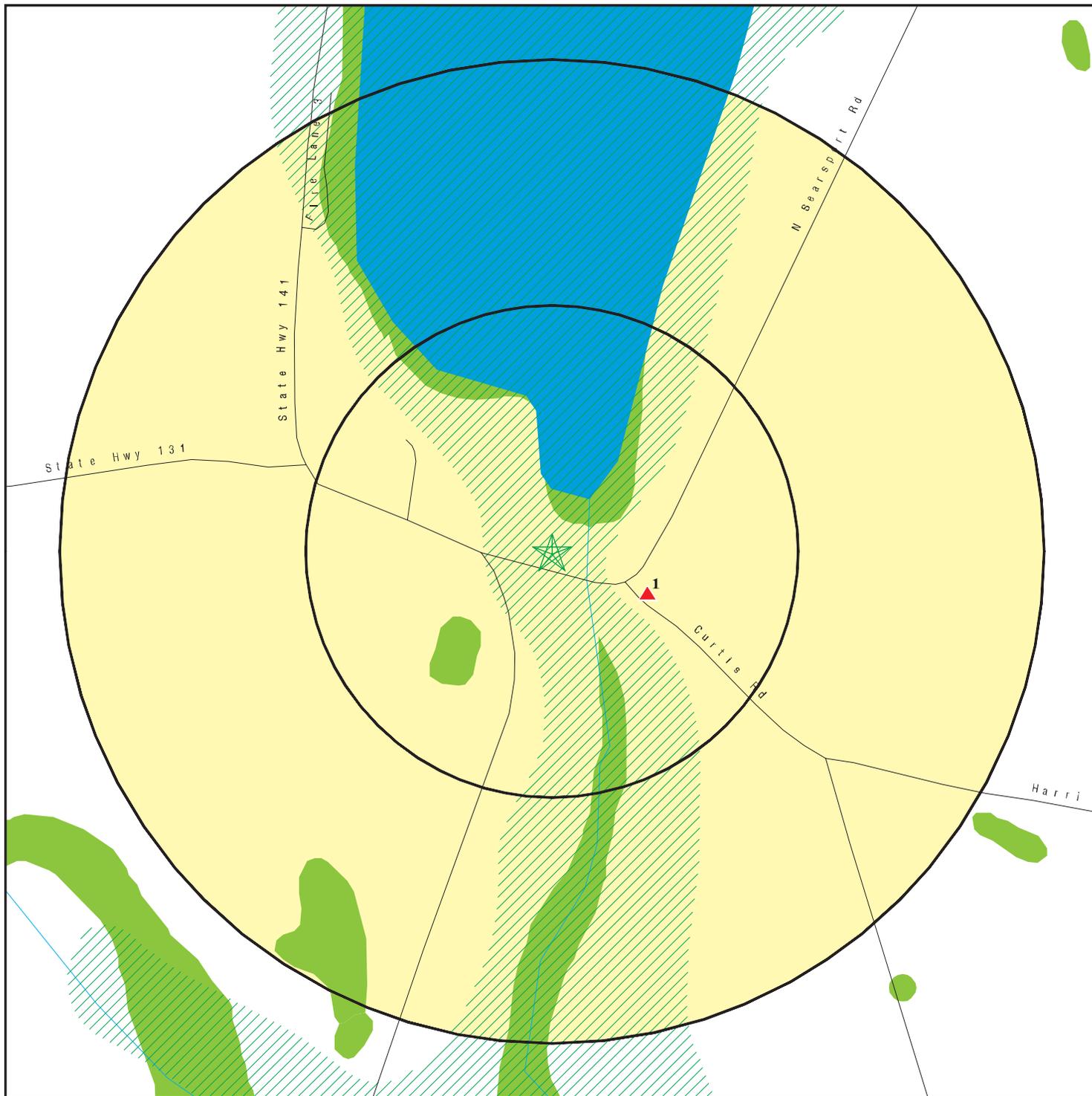
- 0 1/4 1/2 1 Miles
- ☒ Indian Reservations BIA
- ▲ Oil & Gas pipelines from USGS
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME: Swan Lake Dam  
 ADDRESS: SWAN LAKE AVE  
 Swanville ME 04915  
 LAT/LONG: 44.5213 / 68.9978

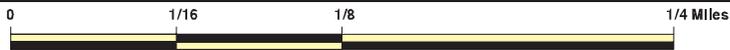
CLIENT: Ransom Env. Consultants, Inc.  
 CONTACT: Erik Phenix  
 INQUIRY #: 3331728.2s  
 DATE: May 29, 2012 9:11 am

# DETAIL MAP - 3331728.2s



- ★ 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
- ☒ 100-year flood zone
- ☒ 500-year flood zone
- ☒ National Wetland Inventory
- ☒ State Wetlands



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

SITE NAME: Swan Lake Dam  
 ADDRESS: SWAN LAKE AVE  
 Swanville ME 04915  
 LAT/LONG: 44.5213 / 68.9978

CLIENT: Ransom Env. Consultants, Inc.  
 CONTACT: Erik Phenix  
 INQUIRY #: 3331728.2s  
 DATE: May 29, 2012 9:12 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>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	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<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
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
LCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	0	NR	NR	0
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>								
UST	0.250		1	0	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
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	0	0	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></b>								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
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

## 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
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
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		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
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#### 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

1  
ESE  
< 1/8  
0.053 mi.  
280 ft.

SWAN LAKE GROCERY  
ROUTE 141 & CURTIS ROAD  
SWANVILLE, ME

UST U000241101  
N/A

Relative:  
Higher

UST:

Actual:  
207 ft.

Facility ID: 13103  
Facility Location2: SWANVILLE  
Facility Code: RETAIL OIL  
Fed Reg Ind: Yes  
Owner Name: SWAN LAKE GROCERY  
Owner Contact: Not reported  
Owner Delivery Address: BOX 980  
Owner City/State/Zip: BELFAST, ME 04915  
Owner Telephone: 2073384029  
Operator Contact: Not reported

Tank Number: 1  
Tank Material: STEEL WITH CATHODIC PROTECTION.  
**Tank Status:** REMOVED  
**Tank Sub Status:** REMOVED  
Tank Status Date: 07/22/1997  
Tank Status Label: REMOVED  
Tank Sub Status Label: Not reported  
Tank Volume in Gallons: 4000  
Tank Above/Below: BELOWGROUND  
Installation Date: 05/01/1987  
Reg Date: 03/25/1987  
Near Public Water: No  
Near Pvt Water: Yes  
Near Other Water: Yes  
On Aquifer: No  
Near Private Water Label: NEAR PRIVATE WATER  
Near Public Water Label: Not reported  
Nearby Water Other Owner Label: NEARBY WATER OTHER OWNER  
On Aquifer Label: Not reported  
Tank Leak Detection Label: SIA STATISTICAL INVENTORY ANALYSIS  
Chamber Pump Type Label: UNKNOWN  
Chamber Pump type Desc: UNKNOWN  
Pipe Leak Detection Label: SIA STATISTICAL INVENTORY ANALYSIS  
Overfill Protection Label: UNKNOWN  
Latitude: Not reported  
Longitude: Not reported  
Chamber ID: 1  
Volume (gallons): 4000  
Product Type: UNLEADED GASOLINE  
**Pipe Status:** REMOVED  
Pipe Status Date: 07/22/1997  
Pipe Date Installed: Not reported  
Pipe Material Label: GALVANIZED STEEL  
Pipe Status Label: REMOVED  
Overfill: UNKNOWN

Tank Number: 2  
Tank Material: STEEL WITH CATHODIC PROTECTION.  
**Tank Status:** REMOVED  
**Tank Sub Status:** REMOVED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SWAN LAKE GROCERY (Continued)**

**U000241101**

Tank Status Date: 07/22/1997  
Tank Status Label: REMOVED  
Tank Sub Status Label: Not reported  
Tank Volume in Gallons: 4000  
Tank Above/Below: BELOWGROUND  
Installation Date: 05/01/1987  
Reg Date: 03/25/1987  
Near Public Water: No  
Near Pvt Water: Yes  
Near Other Water: Yes  
On Aquifer: No  
Near Private Water Label: NEAR PRIVATE WATER  
Near Public Water Label: Not reported  
Nearby Water Other Owner Label: NEARBY WATER OTHER OWNER  
On Aquifer Label: Not reported  
Tank Leak Detection Label: SIA STATISTICAL INVENTORY ANALYSIS  
Chamber Pump Type Label: UNKNOWN  
Chamber Pump type Desc: UNKNOWN  
Pipe Leak Detection Label: SIA STATISTICAL INVENTORY ANALYSIS  
Overfill Protection Label: UNKNOWN  
Latitude: Not reported  
Longitude: Not reported  
Chamber ID: 1  
Volume (gallons): 4000  
Product Type: LEADED GASOLINE  
**Pipe Status: REMOVED**  
Pipe Status Date: 07/22/1997  
Pipe Date Installed: Not reported  
Pipe Material Label: GALVANIZED STEEL  
Pipe Status Label: REMOVED  
Overfill: UNKNOWN

Count: 17 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BELFAST	1001488086	CHRISTYS 32550	US RTE 1 SEARSPORT AVE	04915	RCRA-SQG, FINDS
BELFAST	1004722052	MAINE DOT VETERANS MEMORIAL BRIDGE	SEARSPORT AVE	04915	RCRA-NonGen, FINDS, MANIFEST
SWANVILLE	U003561388	SWAN LAKE GAS	RT 141		UST
SWANVILLE	S111745473	SWAN LAKE GROCERY	RT 141 & CURTIS RD	04915	UIC
SWANVILLE	U003560680	MOM & DADS COUNTRY STORE	RT 141		UST
SWANVILLE	S103169929	ABANDONED GARAGE	RT 141		DEL SHWS
SWANVILLE	S111313584	JORDAN CAMP	1071 RT 141		LAST
SWANVILLE	S110310460	SWANVILLE TOWN DUMP	RT 141 & SWAN LAKE AVE		SWF/LF
SWANVILLE	S105111434	RENTAL PROPERTY	RT 141 & OAK HILL RD		LAST
SWANVILLE	S105111260	PARKER, DOUG	RT 141		LAST
SWANVILLE	U002164755	BROWN, DEAN	RT 2 & 141ST		UST
SWANVILLE	U003098797	MONROE TOWN OF	141 RT 2		UST
SWANVILLE	U003765936	SWAN LAKE GROCERY	RT 3		UST
SWANVILLE	S104222372	BOHAN LAURA	N SEARSPORT RD		LAST
SWANVILLE	U003100467	CLEMENTS GARAGE	SWAN LAKE AVE		UST
SWANVILLE	S106790805	CLEMENTS GARAGE	SWAN LAKE AVE & RT 141		LUST
UNITY	S111745498	BELFAST & MOOSEHEAD LAKE RR	DEPOT ST	04915	UIC

# 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: 05/08/2012	Source: EPA
Date Data Arrived at EDR: 05/10/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 05/10/2012
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/23/2012
	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: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/23/2012
	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: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/23/2012
	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: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	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: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/12/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/23/2012
	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: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/11/2012
	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: 08/19/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 132

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 05/15/2012  
Next Scheduled EDR Contact: 08/27/2012  
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: 03/15/2012  
Date Data Arrived at EDR: 04/04/2012  
Date Made Active in Reports: 05/15/2012  
Number of Days to Update: 41

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 04/04/2012  
Next Scheduled EDR Contact: 07/16/2012  
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: 03/15/2012  
Date Data Arrived at EDR: 04/04/2012  
Date Made Active in Reports: 05/15/2012  
Number of Days to Update: 41

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 04/04/2012  
Next Scheduled EDR Contact: 07/16/2012  
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: 03/15/2012  
Date Data Arrived at EDR: 04/04/2012  
Date Made Active in Reports: 05/15/2012  
Number of Days to Update: 41

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 04/04/2012  
Next Scheduled EDR Contact: 07/16/2012  
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: 03/15/2012  
Date Data Arrived at EDR: 04/04/2012  
Date Made Active in Reports: 05/15/2012  
Number of Days to Update: 41

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 04/04/2012  
Next Scheduled EDR Contact: 07/16/2012  
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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	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: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/12/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/25/2012
	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: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

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

### SHWS: Remediation Sites List

Uncontrolled Sites locations included in the Remediation Sites List.

Date of Government Version: 04/12/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/26/2012	Telephone: 207-287-4850
Date Made Active in Reports: 05/14/2012	Last EDR Contact: 04/16/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Semi-Annually

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

### SWF/LF: Solid Waste Facility List

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: 02/13/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/14/2012	Telephone: 207-287-2651
Date Made Active in Reports: 03/08/2012	Last EDR Contact: 05/15/2012
Number of Days to Update: 23	Next Scheduled EDR Contact: 08/27/2012
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LCP: Municipal Landfill Closure Database

The Municipal Landfill Closure and Remediation Program was established in 1988 to assist nearly 400 municipalities with the closure of their unlicensed municipal solid waste landfills. Project managers in this program have conducted site investigations and provided technical engineering assistance to aid municipalities in this process. Funding to accomplish this goal was provided by the state, utilizing several bonds that supported a 75% state cost sharing reimbursement process.

Date of Government Version: 11/14/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/15/2011	Telephone: 207-287-8552
Date Made Active in Reports: 11/30/2011	Last EDR Contact: 05/15/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/27/2012
	Data Release Frequency: No Update Planned

## State and tribal leaking storage tank lists

### LUST: Hazardous Material and Oil Spill System Database (H.O.S.S.)

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.

Date of Government Version: 02/04/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/08/2012	Telephone: 207-287-2651
Date Made Active in Reports: 03/07/2012	Last EDR Contact: 05/09/2012
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Quarterly

### LAST: HOSS Database

A listing of leaking aboveground storage tanks.

Date of Government Version: 02/04/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/08/2012	Telephone: 207-287-2651
Date Made Active in Reports: 03/07/2012	Last EDR Contact: 05/09/2012
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Quarterly

### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6271
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/13/2012
	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: 02/07/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/17/2012	Telephone: 913-551-7003
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/13/2012
	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: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/23/2012
Number of Days to Update: 59	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2011	Source: EPA Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 05/01/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/13/2012
	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: 02/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 02/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 103	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-8677
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

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: 02/14/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/17/2012	Telephone: 415-972-3372
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

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

UST: 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: 02/01/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/20/2012	Telephone: 207-287-2651
Date Made Active in Reports: 03/08/2012	Last EDR Contact: 05/22/2012
Number of Days to Update: 17	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 12/31/2010	Source: Maine Emergency Management Agency
Date Data Arrived at EDR: 09/20/2011	Telephone: 207-626-4503
Date Made Active in Reports: 10/05/2011	Last EDR Contact: 03/19/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 07/02/2012
	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).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/2011  
Date Data Arrived at EDR: 11/01/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 10

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 05/01/2012  
Next Scheduled EDR Contact: 08/13/2012  
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: 12/14/2011  
Date Data Arrived at EDR: 12/15/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 26

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 04/30/2012  
Next Scheduled EDR Contact: 08/13/2012  
Data Release Frequency: Semi-Annually

### 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: 11/28/2011  
Date Data Arrived at EDR: 11/29/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 42

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 04/30/2012  
Next Scheduled EDR Contact: 08/13/2012  
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: 05/10/2011  
Date Data Arrived at EDR: 05/11/2011  
Date Made Active in Reports: 06/14/2011  
Number of Days to Update: 34

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 04/23/2012  
Next Scheduled EDR Contact: 08/13/2012  
Data Release Frequency: Semi-Annually

### 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: 08/18/2011  
Date Data Arrived at EDR: 08/19/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 25

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 04/30/2012  
Next Scheduled EDR Contact: 08/13/2012  
Data Release Frequency: Quarterly

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

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

Date of Government Version: 02/01/2012  
Date Data Arrived at EDR: 02/02/2012  
Date Made Active in Reports: 05/15/2012  
Number of Days to Update: 103

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 04/30/2012  
Next Scheduled EDR Contact: 08/13/2012  
Data Release Frequency: Quarterly

### 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: 02/07/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/17/2012	Telephone: 913-551-7003
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/13/2012
	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: 02/28/2012	Source: EPA Region 5
Date Data Arrived at EDR: 02/29/2012	Telephone: 312-886-6136
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

## FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/10/2012
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Varies

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

### INST CONTROL: Remediation Sites List

Sites with Institutional Controls in place included in the Remediation Sites List. Institutional Controls are legally enforceable site use restrictions recorded on the property deed and therefore operate in perpetuity regardless of change in site ownership.

Date of Government Version: 04/12/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/26/2012	Telephone: 207-287-2651
Date Made Active in Reports: 05/14/2012	Last EDR Contact: 04/16/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Semi-Annually

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

### VCP: Remediation Sites List

Voluntary Response Action Program sites included in the Remediation Sites List. VRAP promotes the investigation, remediation and redevelopment of contaminated properties by offering liability assurances/protections from state enforcement actions for applicants to the program.

Date of Government Version: 04/12/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/26/2012	Telephone: 207-287-4854
Date Made Active in Reports: 05/14/2012	Last EDR Contact: 04/16/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/06/2012
	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	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 02/17/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 04/03/2012	Telephone: 617-918-1102
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/03/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

## **State and tribal Brownfields sites**

### BROWNFIELDS: Remediation Sites List

Brownfields site locations included in the Remediation Sites List. 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".

Date of Government Version: 04/12/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/26/2012	Telephone: 207-287-7716
Date Made Active in Reports: 05/14/2012	Last EDR Contact: 04/16/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/06/2012
	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: 06/27/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2011	Telephone: 202-566-2777
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/09/2012
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	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.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/26/2012
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SWRCY: Recycling Facilities

A listing of municipal collection sites for electronic waste and mercury-added products.

Date of Government Version: 12/13/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/15/2011	Telephone: 207-287-2651
Date Made Active in Reports: 01/23/2012	Last EDR Contact: 03/16/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

## 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/07/2012
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/20/2012
	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: 10/07/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/09/2011	Telephone: 202-307-1000
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/06/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Quarterly

### ALLSITES: Remediation Sites List

The Sites List Database is the public record of information regarding properties that have been, are now, or are planned to be addressed by the Division of Remediation of the Bureau of Remediation and Waste Management. This database is not intended to be a comprehensive, all-inclusive source of information regarding the properties listed therein.

Date of Government Version: 04/12/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/26/2012	Telephone: 207-287-4850
Date Made Active in Reports: 05/14/2012	Last EDR Contact: 04/16/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Quarterly

### DEL HWS: Sites Removed from the Uncontrolled Sites List

Sites are removed from the List once it is determined that they are not "worthy of listing". This term is used as there are a number of reasons to remove a site from the List, including: no file exists, the site was reported as an oil spill, there is no evidence of a hazardous substance release or based on an investigation the site is referred to another program unrelated to hazardous substance or hazardous waste. Sites are removed on a case by case basis. The USP intends this to be an on-going process, as time and resources allow.

Date of Government Version: 04/12/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/26/2012	Telephone: 207-287-2651
Date Made Active in Reports: 05/14/2012	Last EDR Contact: 04/16/2012
Number of Days to Update: 18	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	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: 09/09/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/13/2012
	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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/21/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Varies

### LIENS: Environmental Liens Information Listing

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC ? 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 02/02/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/03/2012	Telephone: 207-287-2651
Date Made Active in Reports: 02/22/2012	Last EDR Contact: 05/15/2012
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 10/04/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-366-4555
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS: Hazardous Material and Oil Spill System Database

The database contains surface, groundwater and hazardous material spills.

Date of Government Version: 02/04/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/08/2012	Telephone: 207-287-2651
Date Made Active in Reports: 03/07/2012	Last EDR Contact: 05/09/2012
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Quarterly

## Other Ascertainable Records

### RCRA-NonGen: 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: 03/15/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/04/2012	Telephone: (888) 372-7341
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/04/2012
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/16/2012
	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: 07/29/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/09/2011	Telephone: 202-366-4595
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 05/08/2012
Number of Days to Update: 94	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Varies

### 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: 04/16/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/30/2012
	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: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/12/2012
Number of Days to Update: 112	Next Scheduled EDR Contact: 06/25/2012
	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: 12/01/2011	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/25/2012	Telephone: Varies
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/02/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/28/2011	Source: EPA
Date Data Arrived at EDR: 12/14/2011	Telephone: 703-416-0223
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/14/2012
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/25/2012
	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: 02/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/11/2012
	Data Release Frequency: Varies

## 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: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 03/07/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 06/18/2012
	Data Release Frequency: Semi-Annually

## 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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 02/28/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/11/2012
	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: 03/28/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/09/2012
	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: 05/23/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**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: 05/23/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/10/2012
	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.

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: 12/17/2008
Number of Days to Update: 40	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	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/13/2012
	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: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/26/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/17/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 07/30/2012
	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: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/12/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 06/25/2012
	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: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/10/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

## 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: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (617) 918-1111
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/13/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/25/2012
	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

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 03/01/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 62

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/27/2012  
Next Scheduled EDR Contact: 06/11/2012  
Data Release Frequency: Biennially

## NPDES: Wastewater Facilities Listing

A listing of wastewater facility locations.

Date of Government Version: 04/02/2012  
Date Data Arrived at EDR: 04/03/2012  
Date Made Active in Reports: 05/14/2012  
Number of Days to Update: 41

Source: Department of Environmental Protection  
Telephone: 207-287-3901  
Last EDR Contact: 04/03/2012  
Next Scheduled EDR Contact: 07/16/2012  
Data Release Frequency: Quarterly

## UIC: Underground Injection Control

An injection well is any bored, drilled or driven shaft, or dug hole whose depth is greater than its largest surface dimension; an improved sinkhole; or a subsurface distribution system used to discharge fluids underground. These wells range from deep, highly technical, and more frequently monitored wells to shallow on-site drainage systems, such as septic systems, cesspools, and storm water drainage wells.

Date of Government Version: 04/03/2012  
Date Data Arrived at EDR: 04/03/2012  
Date Made Active in Reports: 05/14/2012  
Number of Days to Update: 41

Source: Department of Environmental Protection  
Telephone: 207-791-8110  
Last EDR Contact: 05/21/2012  
Next Scheduled EDR Contact: 09/03/2012  
Data Release Frequency: Varies

## DRYCLEANERS: Drycleaner Facilities

A listing of drycleaning facilities that use perchloroethylene.

Date of Government Version: 04/19/2012  
Date Data Arrived at EDR: 04/23/2012  
Date Made Active in Reports: 05/14/2012  
Number of Days to Update: 21

Source: Department of Environmental Protection  
Telephone: 207-287-7030  
Last EDR Contact: 05/15/2012  
Next Scheduled EDR Contact: 08/27/2012  
Data Release Frequency: Varies

## AIRS: Emissions Inventory Data

Point Source Criteria Pollutant Emissions Inventory data. Criteria air pollutant emissions, expressed in tons, by facility and pollutant.

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 02/28/2012  
Date Made Active in Reports: 03/29/2012  
Number of Days to Update: 30

Source: Department of Environmental Protection  
Telephone: 207-287-7036  
Last EDR Contact: 03/21/2012  
Next Scheduled EDR Contact: 07/02/2012  
Data Release Frequency: Annually

## TIER 2: Tier 2 Information Listing

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

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 09/20/2011  
Date Made Active in Reports: 10/05/2011  
Number of Days to Update: 15

Source: Maine Emergency Management Agency  
Telephone: 207-624-4441  
Last EDR Contact: 03/19/2012  
Next Scheduled EDR Contact: 07/02/2012  
Data Release Frequency: Annually

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/16/2012  
Next Scheduled EDR Contact: 07/30/2012  
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.

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: 04/23/2012  
Next Scheduled EDR Contact: 08/06/2012  
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: 05/04/2012  
Next Scheduled EDR Contact: 08/13/2012  
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: 04/16/2012  
Next Scheduled EDR Contact: 07/30/2012  
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: 12/31/2011  
Date Data Arrived at EDR: 02/17/2012  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 13

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 05/15/2012  
Next Scheduled EDR Contact: 08/27/2012  
Data Release Frequency: Quarterly

## FEDLAND: Federal and Indian Lands

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

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: 04/16/2012  
Next Scheduled EDR Contact: 07/30/2012  
Data Release Frequency: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/17/2010

Source: Environmental Protection Agency

Date Data Arrived at EDR: 01/03/2011

Telephone: N/A

Date Made Active in Reports: 03/21/2011

Last EDR Contact: 03/16/2012

Number of Days to Update: 77

Next Scheduled EDR Contact: 06/25/2012

Data Release Frequency: Varies

## EDR PROPRIETARY RECORDS

### *EDR Proprietary Records*

#### Manufactured Gas Plants: 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

Source: EDR, Inc.

Date Data Arrived at EDR: N/A

Telephone: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

## 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: 02/20/2012

Source: Department of Energy & Environmental Protection

Date Data Arrived at EDR: 02/20/2012

Telephone: 860-424-3375

Date Made Active in Reports: 03/15/2012

Last EDR Contact: 05/22/2012

Number of Days to Update: 24

Next Scheduled EDR Contact: 09/03/2012

Data Release Frequency: Annually

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010

Source: Department of Environmental Protection

Date Data Arrived at EDR: 07/20/2011

Telephone: N/A

Date Made Active in Reports: 08/11/2011

Last EDR Contact: 04/17/2012

Number of Days to Update: 22

Next Scheduled EDR Contact: 07/30/2012

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/10/2012  
Date Data Arrived at EDR: 02/09/2012  
Date Made Active in Reports: 03/09/2012  
Number of Days to Update: 29

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 05/09/2012  
Next Scheduled EDR Contact: 08/20/2012  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 01/26/2012  
Date Made Active in Reports: 03/06/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 04/23/2012  
Next Scheduled EDR Contact: 08/06/2012  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 06/24/2011  
Date Made Active in Reports: 06/30/2011  
Number of Days to Update: 6

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/27/2012  
Next Scheduled EDR Contact: 06/11/2012  
Data Release Frequency: Annually

## VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 02/22/2012  
Date Data Arrived at EDR: 02/28/2012  
Date Made Active in Reports: 04/05/2012  
Number of Days to Update: 37

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 04/23/2012  
Next Scheduled EDR Contact: 08/06/2012  
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.

## Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 Listing

Source: Department of Human Services

Telephone: 207-287-5060

**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 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Office of Geographic Information Systems

Telephone: 207-287-6144

### 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

SWAN LAKE DAM  
SWAN LAKE AVE  
SWANVILLE, ME 04915

### TARGET PROPERTY COORDINATES

Latitude (North): 44.5213 - 44° 31' 16.68"  
Longitude (West): 68.9978 - 68° 59' 52.08"  
Universal Transverse Mercator: Zone 19  
UTM X (Meters): 500174.8  
UTM Y (Meters): 4929558.5  
Elevation: 202 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 44068-E8 MOUNT WALDO, ME  
Most Recent Revision: 1982  
  
West Map: 44069-E1 BROOKS EAST, ME  
Most Recent Revision: 1982

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).

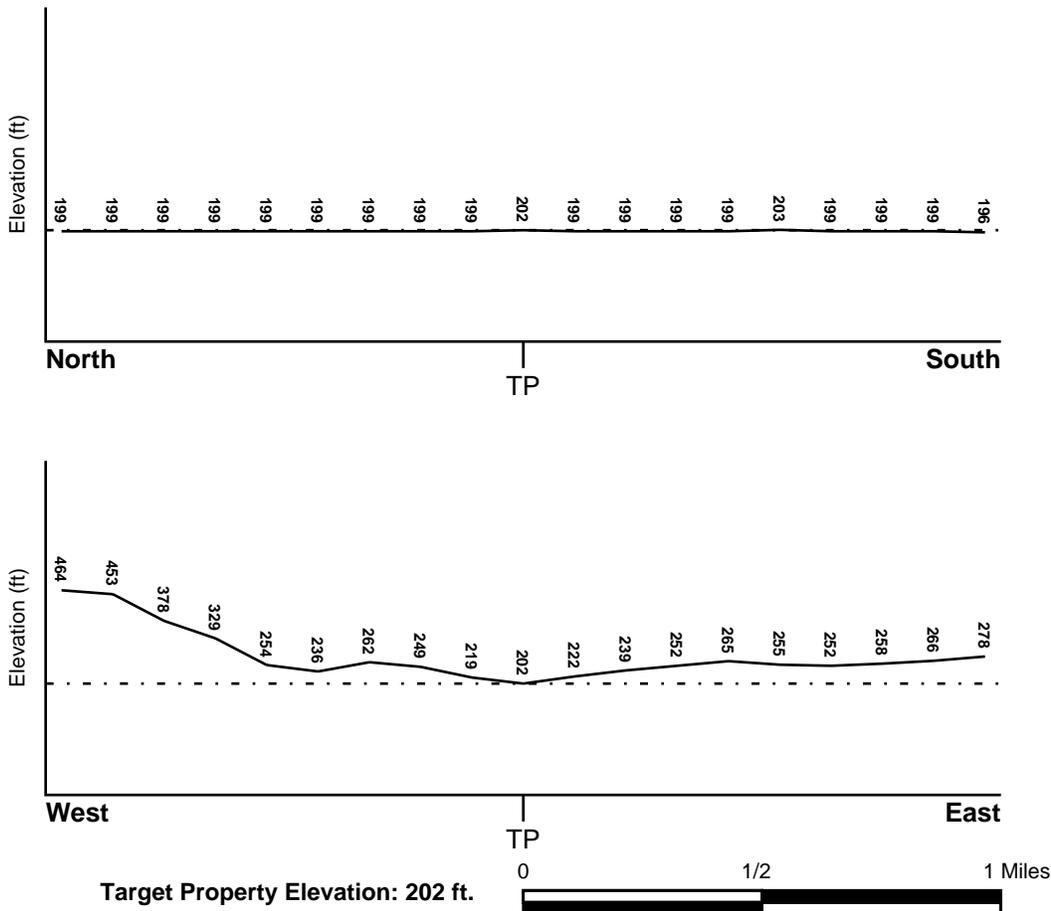
## TOPOGRAPHIC INFORMATION

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 ENE

## 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

Target Property County  
WALDO, ME

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 2302670005A - FEMA Q3 Flood data

Additional Panels in search area:  
2302670002A - FEMA Q3 Flood data  
2302670006A - FEMA Q3 Flood data  
2302670009A - FEMA Q3 Flood data  
2302670008A - FEMA Q3 Flood data

## NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
MOUNT WALDO

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

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

## AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

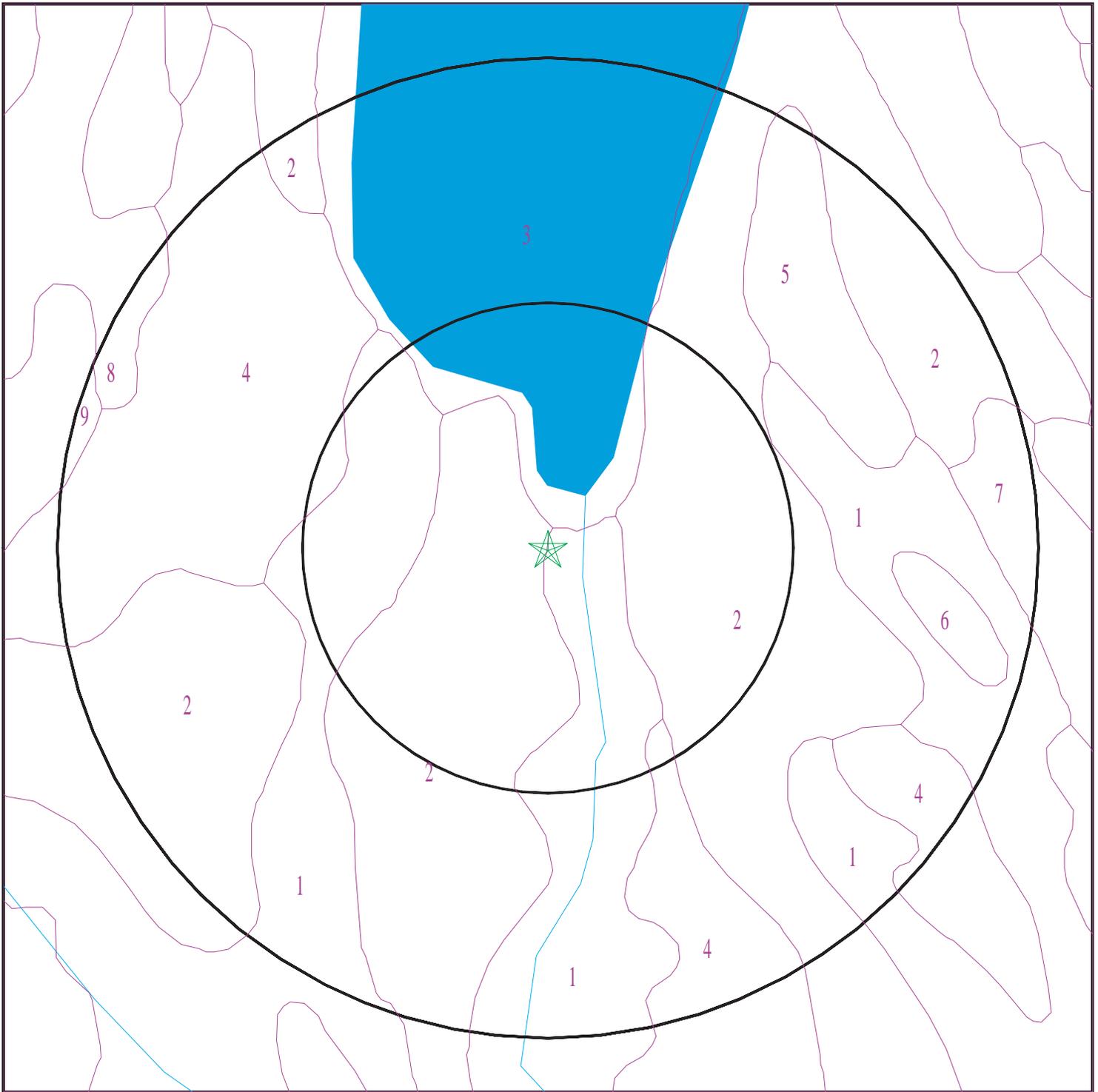
Era:	Paleozoic
System:	Devonian and Silurian
Series:	Devonian and Silurian
Code:	DSe ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Eugeosynclinal Deposits

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

# SSURGO SOIL MAP - 3331728.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water

0 1/16 1/8 1/4 Miles



SITE NAME: Swan Lake Dam  
ADDRESS: SWAN LAKE AVE  
Swanville ME 04915  
LAT/LONG: 44.5213 / 68.9978

CLIENT: Ransom Env. Consultants, Inc.  
CONTACT: Erik Phenix  
INQUIRY #: 3331728.2s  
DATE: May 29, 2012 9:12 am

# 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: SWANVILLE

Soil Surface Texture: silt loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name: BOOTHBAY

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

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

**Soil Map ID: 3**

Soil Component Name: WATER

Soil Surface Texture: silt loam

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

Soil Drainage Class:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 4

Soil Component Name: BOOTHBAY

Soil Surface Texture: silt loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 5**

Soil Component Name: MARLOW

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6
2	5 inches	24 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6
3	24 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 6**

Soil Component Name: PERU

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6
2	7 inches	16 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6
3	16 inches	59 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 7**

Soil Component Name: BRAYTON

Soil Surface Texture: very stony fine sandy loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	very stony fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.6
2	3 inches	18 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.6
3	18 inches	59 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 7.3 Min: 5.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 8**

Soil Component Name: PERU

Soil Surface Texture: very stony fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very stony fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6
2	5 inches	16 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6
3	16 inches	59 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 9**

Soil Component Name: MARLOW

Soil Surface Texture: very stony fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very stony fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6
2	5 inches	24 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6
3	24 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4.23 Min: 0.42	Max: 6 Min: 3.6

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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>
3	USGS2047006	1/2 - 1 Mile NNE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

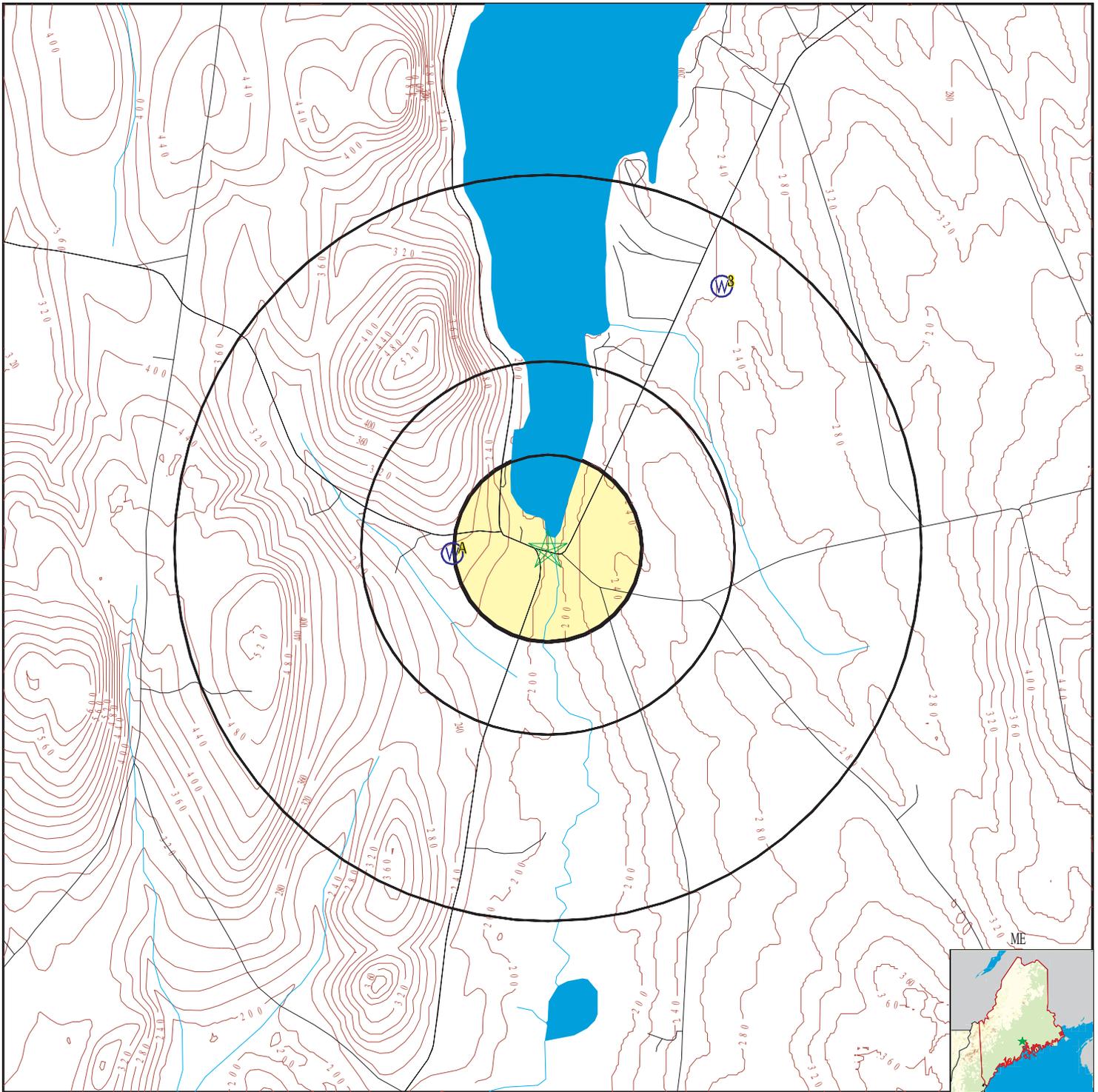
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	ME3000000001802	1/4 - 1/2 Mile West
A2	ME3000000001801	1/4 - 1/2 Mile West

# PHYSICAL SETTING SOURCE MAP - 3331728.2s



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

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



SITE NAME: Swan Lake Dam  
 ADDRESS: SWAN LAKE AVE  
 Swanville ME 04915  
 LAT/LONG: 44.5213 / 68.9978

CLIENT: Ransom Env. Consultants, Inc.  
 CONTACT: Erik Phenix  
 INQUIRY #: 3331728.2s  
 DATE: May 29, 2012 9:12 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**West**  
**1/4 - 1/2 Mile**  
**Higher**

**ME WELLS      ME3000000001802**

Pwsid:	625102		
Type:	NTNC		
Buffer id:	7173		
Radius:	250		
Swap:	625102.pdf	Fmsrc:	Not Reported
Fmsrcdat:	12/30/1899	Fmsrcorg:	Not Reported
Fmprocss:	Not Reported	Fmupdorg:	Not Reported
Fmupddat:	10/24/2005	Fmnote:	Not Reported
Site id:	ME3000000001802		

**A2**  
**West**  
**1/4 - 1/2 Mile**  
**Higher**

**ME WELLS      ME3000000001801**

Pwsid:	625101		
Type:	NTNC		
Buffer id:	-1		
Radius:	250		
Swap:	625101.pdf	Fmsrc:	Not Reported
Fmsrcdat:	12/30/1899	Fmsrcorg:	Not Reported
Fmprocss:	Not Reported	Fmupdorg:	Not Reported
Fmupddat:	10/24/2005	Fmnote:	Not Reported
Site id:	ME3000000001801		

**3**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS2047006**

Agency cd:	USGS	Site no:	443153068592001
Site name:	WOW 58		
Latitude:	443153	EDR Site id:	USGS2047006
Longitude:	0685920	Dec lat:	44.53146306
Dec lon:	-68.9883686	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	23
State:	23	County:	027
Country:	US	Land net:	Not Reported
Location map:	LOWER PENOBSCOT RPT	Map scale:	62500
Altitude:	220.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Maine Coastal. Maine. Area = 4880 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	18.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data count:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: ME Radon

### Radon Test Results

Zip	City	Floor	Results
04915		B	1.2
04915		B	1.0
04915		B	1.2
04915		B	1.0
04915		B	5.9
04915		B	6.3
04915	BELFAST	B	2.5
04915		F	0.7
04915		F	0.9
04915		B	8.1
04915		B	8.1
04915		F	1.1
04915		B	0.2
04915		B	0.2
04915		B	0.8
04915		B	0.9
04915		B	0.2
04915		B	3.3
04915		F	0.2

Federal EPA Radon Zone for WALDO 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.

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Federal Area Radon Information for Zip Code: 04915

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.950 pCi/L	50%	50%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

### State Wetlands Data: Wetlands Inventory

Source: Office of Geographic Information Systems

Telephone: 207-287-6144

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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

#### Public Water Supply Wells Database

Source: Department of Human Services, Drinking Water Program

Telephone: 207-287-6196

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

## OTHER STATE DATABASE INFORMATION

### RADON

#### Maine Radon Test Results

Source: Department of Human Services

Telephone: 207-287-5698

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

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of 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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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**Swan Lake Dam**  
SWAN LAKE AVE  
Swanville, ME 04915

Inquiry Number: 3331728.6  
June 06, 2012

## The EDR-City Directory Image Report

## EDR CITY DIRECTORY REPORT

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.

### NO COVERAGE

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

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

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**APPENDIX C**

Supplemental Documentation

Phase I Environmental Site Assessment  
Swan Lake Dam  
Swanville, Maine

**User Questionnaire**  
**ASTM E 1527-05 Phase I Environmental Site Assessment**

In order to qualify for one of Landowner Liability Protections (LLP) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user of the Phase I Environmental Site Assessment must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

Site Name: Swan Lake Dam

Site Address: Swan Lake Avenue, Swanville ME (Map 13 Lot 3)

Ransom Project No. 111.06134

Ransom Environmental Professional: Erik Phenix

**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 X (if Yes, provide additional information on attachment)

**2. Activity and land use limitations 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 property and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes \_\_\_\_\_ No X (if Yes, provide additional information on attachment)

**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 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 X (if Yes, provide additional information on attachment)

**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 that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

Yes X No \_\_\_\_\_ (if No, provide additional information on attachment)

**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 a user,

- a) Do you know the past uses of the property? Yes  No
- b) Do you know of specific chemicals that are present or once were present at the property?  
Yes  No
- c) Do you know of spills or other chemical releases that have taken place at the property?  
Yes  No
- d) Do you know of any environmental cleanups that have taken place at the property?  
Yes  No

(If Yes for any of these questions, provide additional information on attachment)

**6. 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  (if Yes, provide additional information on attachment)

**User:**

The following user was interviewed to complete this questionnaire:

Name: Thomas Kittredge  
Title: Economic Development Director  
Firm: City of Belfast  
Relationship to Site: Redevelopment Facilitator

**Interviewer:**

The following Ransom staff completed the interview:

Name: Erik Phenix Date: 6/5/12  
Signature: 



NAME: MOOSE RIVER HYDRO ADDRESS: MILL LANE P. O. BOX 402 BELFAST, ME 04915 WALDO

Account # 272100190 E911 Address

Date of Review Review by

Date of Review Review by Review Comment

LAND VALUATION Sid Lot Size Sid Depth Avg Depth Front Foot Price Parcel Acres

Base type test	Base lot	Unit Value	Factor	Base lot Value
Excess Acres	Acres 1-10	\$0	0	\$0
	Acres 10_20	\$750	0	\$0
	Acres 20+	\$500	0	\$0

Wet Land / Barren \$125

Waterfront Front Feet 225 Depth Factor 0.63 Excess Factor 0.76 Waterfront Value \$73,795

Waterfront Acres	Site Adjustment	Classified Tree Growth	SW	MW	HW	Acres	\$/ac
	0.5		\$240.20	\$131.60	\$91.10		\$0
Other							\$0

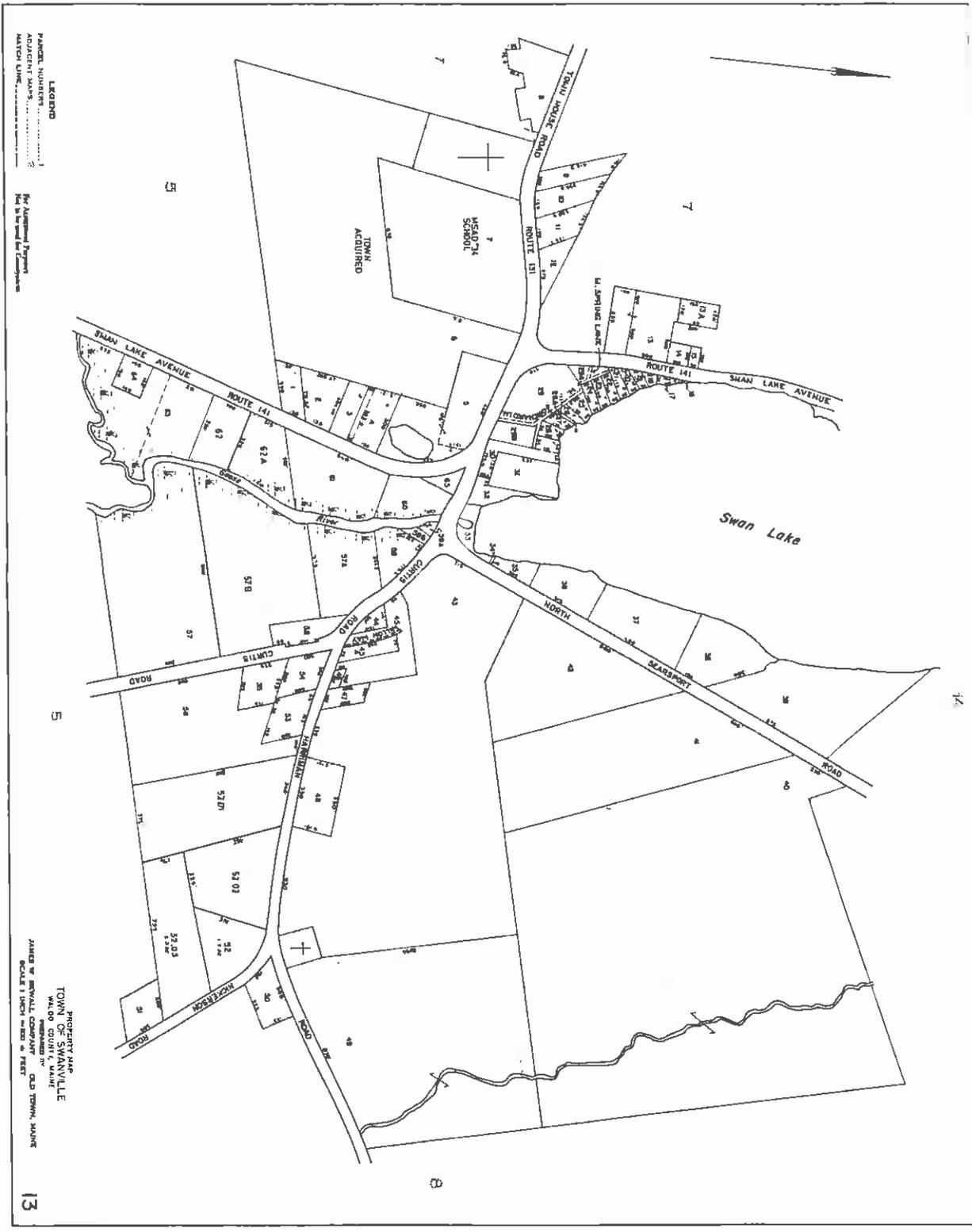
Paving \$0 Drilled Well \$0

GPS Coordinates TOTAL VALUE LAND \$73,795 VALUE BUILDINGS \$10,000 ADDITIONAL CARDS TOTAL VALUE \$83,795



Notes: Date Printed 7/22/2005





**LEGEND**  
 PARCEL NUMBERS ..... 1  
 ADJACENT MAPS ..... 2  
 MATCH LINES ..... 3  
 For Assessment Purposes  
 Not to be used for Conveyance

PROPERTY MAP  
 TOWN OF SWANVILLE  
 WALDO COUNTY, MAINE  
 PREPARED BY: GAO TOWN, MAINE  
 JAMES W. BRADY, CLERK  
 SCALE: 1 INCH = 100 FEET

**APPENDIX D**

Historical Topographic Maps & Sanborn® “No  
Coverage” Letter

Phase I Environmental Site Assessment  
Swan Lake Dam  
Swanville, Maine



**Swan Lake Dam**

SWAN LAKE AVE

Swanville, ME 04915

Inquiry Number: 3331728.4

May 29, 2012

# EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

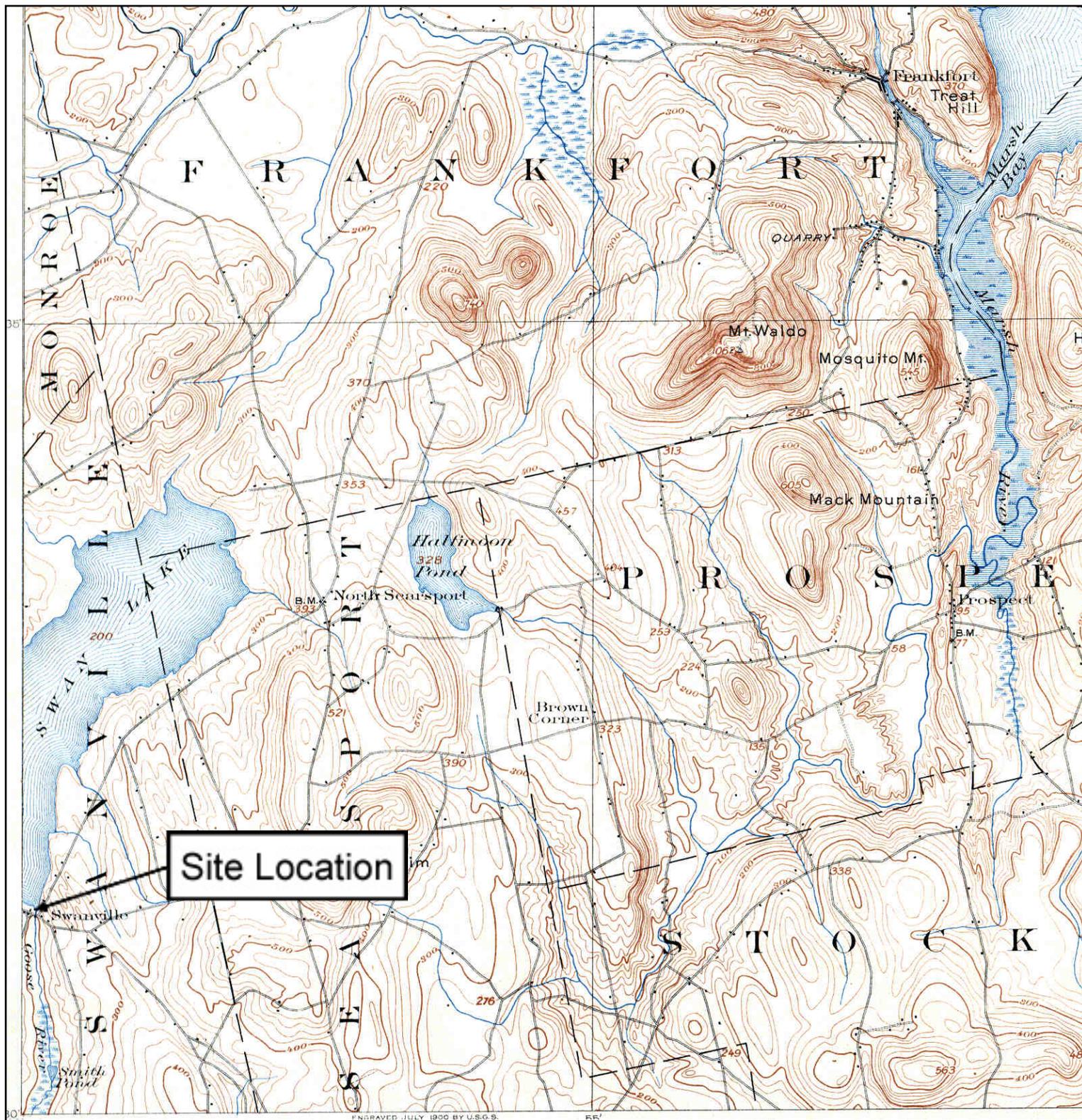
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# Historical Topographic Map



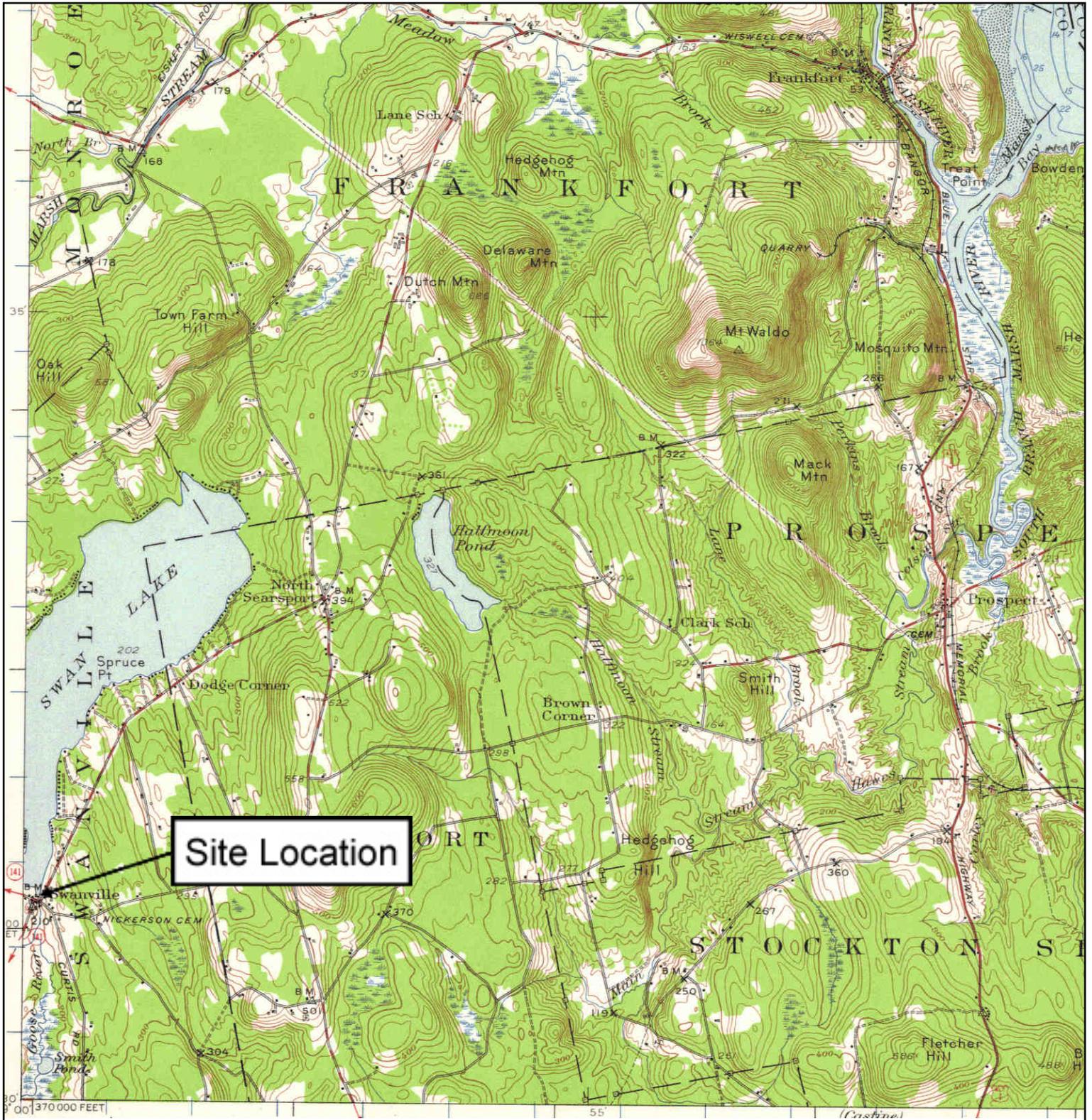
	<b>TARGET QUAD</b> NAME: BUCKSPORT MAP YEAR: 1900	SITE NAME: Swan Lake Dam ADDRESS: SWAN LAKE AVE Swanville, ME 04915 LAT/LONG: 44.5213 / -68.9978	CLIENT: Ransom Env. Consultants, Inc. CONTACT: Erik Phenix INQUIRY#: 3331728.4 RESEARCH DATE: 05/29/2012
	SERIES: 15 SCALE: 1:62500		

# Historical Topographic Map



 <b>N</b>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Swan Lake Dam	<b>CLIENT:</b> Ransom Env. Consultants, Inc.	
	<b>NAME:</b> BUCKSPORT	<b>ADDRESS:</b> SWAN LAKE AVE	<b>CONTACT:</b> Erik Phenix	
	<b>MAP YEAR:</b> 1948	<b>LAT/LONG:</b> 44.5213 / -68.9978	<b>INQUIRY#:</b> 3331728.4	<b>RESEARCH DATE:</b> 05/29/2012
	<b>SERIES:</b> 15			
	<b>SCALE:</b> 1:62500			

# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Swan Lake Dam	<b>CLIENT:</b> Ransom Env. Consultants, Inc.	
	<b>NAME:</b> BUCKSPORT	<b>ADDRESS:</b> SWAN LAKE AVE	<b>CONTACT:</b> Erik Phenix	
	<b>MAP YEAR:</b> 1955	<b>LAT/LONG:</b> 44.5213 / -68.9978	<b>INQUIRY#:</b> 3331728.4	<b>RESEARCH DATE:</b> 05/29/2012
	<b>SERIES:</b> 15			
	<b>SCALE:</b> 1:62500			

# Historical Topographic Map



	<b>TARGET QUAD</b> NAME: MOUNT WALDO MAP YEAR: 1982	SITE NAME: Swan Lake Dam ADDRESS: SWAN LAKE AVE Swanville, ME 04915 LAT/LONG: 44.5213 / -68.9978	CLIENT: Ransom Env. Consultants, Inc. CONTACT: Erik Phenix INQUIRY#: 3331728.4 RESEARCH DATE: 05/29/2012
	SERIES: 7.5 SCALE: 1:24000		



**Swan Lake Dam**

SWAN LAKE AVE

Swanville, ME 04915

Inquiry Number: 3331728.3

May 29, 2012

## Certified Sanborn® Map Report

# Certified Sanborn® Map Report

5/29/12

**Site Name:**

Swan Lake Dam  
SWAN LAKE AVE  
Swanville, ME 04915

**Client Name:**

Ransom Env. Consultants, Inc.  
12 Kent Way  
Byfield, MA 01922



EDR Inquiry # 3331728.3

Contact: Erik Phenix

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Ransom Env. Consultants, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

## Certified Sanborn Results:

**Site Name:** Swan Lake Dam  
**Address:** SWAN LAKE AVE  
**City, State, Zip:** Swanville, ME 04915  
**Cross Street:**  
**P.O. #** 4183  
**Project:** 111.06134  
**Certification #** 16BB-4C07-B809



Sanborn® Library search results  
Certification # 16BB-4C07-B809

## 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 Sanborn fire insurance maps, 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**

Aerial Photographs

Phase I Environmental Site Assessment  
Swan Lake Dam  
Swanville, Maine



**Swan Lake Dam**

SWAN LAKE AVE

Swanville, ME 04915

Inquiry Number: 3331728.5

May 30, 2012

## The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
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 May 30, 2012

**Target Property:**

SWAN LAKE AVE

Swanville, ME 04915

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1942	Aerial Photograph. Scale: 1"=1000'	Panel #: 44068-E8, Mount Waldo, ME;/Flight Date: September 25, 1942	EDR
1970	Aerial Photograph. Scale: 1"=1000'	Panel #: 44068-E8, Mount Waldo, ME;/Flight Date: May 09, 1970	EDR
1976	Aerial Photograph. Scale: 1"=750'	Panel #: 44068-E8, Mount Waldo, ME;/Flight Date: May 13, 1976	EDR
1984	Aerial Photograph. Scale: 1"=1000'	Panel #: 44068-E8, Mount Waldo, ME;/Flight Date: May 07, 1984	EDR
1991	Aerial Photograph. Scale: 1"=750'	Panel #: 44068-E8, Mount Waldo, ME;/Flight Date: July 29, 1991	EDR
1997,1998	Aerial Photograph. Scale: 1"=500'	Panel #: 44068-E8, Mount Waldo, ME;/Composite DOQQ - acquisition dates: May 29, 1997,May 01, 1998	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 44068-E8, Mount Waldo, ME;/Flight Year: 2006	EDR
2007	Aerial Photograph. Scale: 1"=500'	Panel #: 44068-E8, Mount Waldo, ME;/Flight Year: 2007	EDR



Site Location

**INQUIRY #:** 3331728.5

**YEAR:** 1942

| = 1000'





Site Location

INQUIRY #: 3331728.5

YEAR: 1970

| = 1000'





Site Location

INQUIRY #: 3331728.5

YEAR: 1976

| = 750'





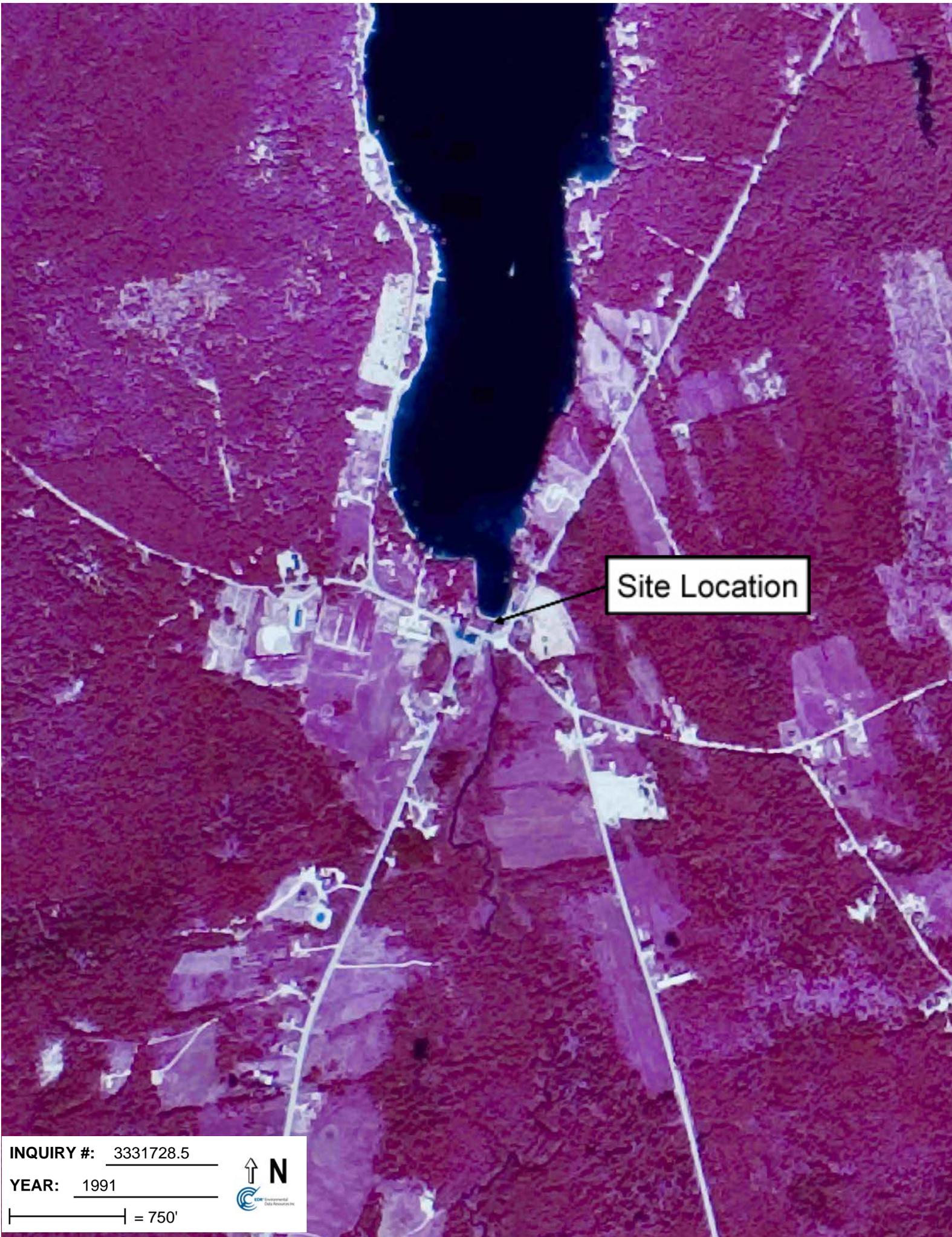
Site Location

INQUIRY #: 3331728.5

YEAR: 1984

| = 1000'





Site Location

INQUIRY #: 3331728.5

YEAR: 1991

| = 750'





Site Location

INQUIRY #: 3331728.5

YEAR: 1997, 1998 (DOQQ)

| = 500'





Site Location

INQUIRY #: 3331728.5

YEAR: 2006

| = 500'





Site Location

INQUIRY #: 3331728.5

YEAR: 2007

| = 500'



**APPENDIX F**

Qualifications

Phase I Environmental Site Assessment  
Swan Lake Dam  
Swanville, Maine

## **EDUCATION**

**B.S. in Environmental Science**  
University of Iowa, 2001

## **PROFESSIONAL REGISTRATIONS**

- 40-hour OSHA Hazardous Waste and Emergency Response Training
- 8-Hour Hazardous Materials and Waste Operation Annual Refresher
- Maine Yankee Atomic Power Company Radiological Site Access Training

## **GENERAL BACKGROUND**

Aaron Martin is a Project Scientist with Ransom. Aaron is responsible for conducting Phase I and Phase II environmental site assessments, geotechnical investigations, historical and regulatory research, and a variety of environmental sampling, including groundwater sampling, sediment and soil gas sampling, and surveying groundwater elevations.

## **EDUCATION**

**B.S. in Field Ecology and  
B.A. in Environmental Science**

The Evergreen State College, Washington, 1996

## **PROFESSIONAL REGISTRATIONS**

- ▶ Certified Geologist, Maine, 2009
- ▶ Licensed Asbestos Inspector, Maine
- ▶ 40-hour OSHA Hazardous Waste and Emergency Response Training
- ▶ OSHA 8-hour Annual Refresher Training for Hazardous Waste Operations
- ▶ American Red Cross First Aid and CPR

## **PROFESSIONAL AFFILIATIONS**

- ▶ National Groundwater Association
- ▶ Geological Society of Maine

## **GENERAL BACKGROUND**

As a Project Geologist, Erik Phenix has over ten years of experience in the environmental consulting industry. Erik has performed numerous Phase I and Phase II environmental site assessments and remediation activities in both California and New England for a variety of properties including residential, agricultural, commercial, and industrial. Erik is familiar with a variety of subsurface investigation techniques including hollow-stem auger drilling, direct-push drilling, air-rotary drilling, bedrock coring, and cone penetrometer test (CPT) drilling. Throughout his career, Erik has maintained professional relationships with clients including private sector, city, county, and state agencies. Erik has experience in all areas of project design, permitting, coordination, implementation, analysis, reporting, and project management.

## EDUCATION

### **B.S. in Chemical Engineering**

University of Maine, 1990

### **Graduate Studies in Environmental Engineering**

University of Maine, 2001 to Present

## PROFESSIONAL REGISTRATIONS

- Professional Engineer, Maine
- OSHA 40-hour Hazwoper, Site Supervisory, and Confined Space Training
- Certified Wastewater Treatment Plant Operator, Grade 2-M, Massachusetts
- American Red Cross Adult CPR, First Aid, and First Responder

## PROFESSIONAL AFFILIATIONS

- American Council of Engineering Companies (ACEC), Maine
- American Academy of Environmental Engineers (AAEE), Intern Environmental Engineer
- Economic Development Council of Maine (EDCM) Member
- Society of American Military Engineers (SAME) Member

## GENERAL BACKGROUND

At Ransom, Peter Sherr is primarily responsible for client and project management, business development, staff leadership and mentoring, and technical project assistance and reviews.

Peter Sherr brings to Ransom over 17 years of professional experience in the field of environmental consulting and engineering. He has a strong background and well-developed skills in site assessment, subsurface investigation, remedial design engineering, Brownfields redevelopment, risk characterization, in-plant engineering services, construction services, and environmental regulatory compliance. Peter's project management experience includes client management, proposal writing, budget preparation, project coordination, financial management and tracking systems, and training of environmental staff and clients. He also has in-depth knowledge of state and federal environmental compliance regulations and reporting thresholds.

During his career, Peter has acquired extensive experience in Brownfields redevelopment including environmental assessment, investigation, remedial planning, and reuse planning and analysis, as well as EPA Brownfields Grant coordination, administration, and planning.

Peter has managed a variety of projects related to the Massachusetts Contingency Plan (MCP) which required an in-depth understanding of state and federal reporting thresholds and cleanup criteria. He has assisted in obtaining regulatory closure for more than 25 MCP-classified sites.

Peter's experience also includes underground storage tank removals, environmental compliance audits, industrial wastewater characterizations, preparation of facility waste minimization and hazardous material control documents including best management practice plans, spill control and contingency (SPCC) plans, chemical inventory reports, and hazardous waste management training programs.

## **EDUCATION**

### **M.S. in Environmental Law**

Vermont Law School, 1992

### **B.A. in Geology/Political Science**

University of Maine at Farmington, 1991

## **PROFESSIONAL REGISTRATIONS**

- › Certified Geologist, New Hampshire

## **PROFESSIONAL AFFILIATIONS**

- › Geological Society of Maine
- › Soil and Water Conservation Society
- › Maine Chamber of Commerce
- › National Groundwater Association
- › Economic Development Council of Maine
- › Environmental & Energy Technology Council of Maine

## **GENERAL BACKGROUND**

Nick Sabatine is a Vice President and manages the Portland, Maine office. He is responsible for business development, staff leadership and mentoring, technical direction of project work, and office management.

Nick is a Senior Geologist with close to 20 years of environmental consulting experience. With degrees in environmental law and geology, he has a keen appreciation for a well orchestrated, thorough program. Nick has successfully managed numerous geological evaluations for many large clients, including International

Paper, the Maine Department of Environmental Protection, and Maine Yankee. Nick has worked in a variety of industries on numerous project work scopes. His diverse work experience provides a unique perspective to his technical work. He has been the lead project geologist for several comprehensive hydrogeologic investigations involving drilling and testing procedures implemented under close regulatory scrutiny and conforming to ASTM standards.

Nick led a project team involved in the Resource Conservation and Recovery Act (RCRA) closure of the Maine Yankee Atomic Power Plant in Wiscasset, Maine. This project included the development and implementation of one of the most comprehensive and complicated Quality Assurance Project Plans ever submitted in the northeast region of the United States.

He currently serves as project manager on several complex mill- and site-redevelopment projects and prides himself in offering clients technical cost-effective solutions that meet their schedules.

Nick has managed and conducted numerous Phase I and Phase II Environmental Site Assessments. He provides senior technical review for several of our national clients and is responsible for reviewing reports for sites located in Maine.