

CAMPBELL
ENVIRONMENTAL GROUP

**Phase I Environmental Site Assessment
Former Naval Facility
Building 85 Complex and Wullenweber Circulatory Disposed Antenna Array
Corea, Maine**



CEG Project # 1014-257-00

July 2015

Prepared for:

Mr. Thomas Martin
Hancock County Planning Commission
395 State Street
Ellsworth, ME 04605

CAMPBELL
ENVIRONMENTAL GROUP

July 23, 2015

Mr. Thomas Martin
Hancock County Planning Commission
395 State Street
Ellsworth, Maine 04605

Re: Phase I Environmental Site Assessment
Building 85 Complex and Wullenweber Circulatory Disposed Antenna Array
Corea, Maine

Dear Mr. Martin:

Campbell Environmental Group, Inc. (CEG) was retained by Hancock County Planning Commission (HCPC) to perform a Phase I Environmental Site Assessment of four lots designated by the town of Gouldsboro tax assessor's office as Map 42, lots 29, 30, and 31, and Map 48, Lot 10. The lots are also designated as Lots 1 through 4 on the Boundary Survey for Division of Land of Acadia Capital Corporation, State Route 195, Gouldsboro, by Edward J. Wainwright (PLS #1080) and dated May 10, 2010 and registered with the Hancock County Registry of Deeds under File 39, Page 173. According to the Gouldsboro tax assessor, there are currently no designated street addresses for these parcels.

This assessment and report were completed to fulfill the intent of the American Society of Testing and Materials (ASTM) Practice E 1527-13 guidelines. The purpose of this report was to identify existing or potential environmental concerns, including impacts or potential impacts to the Subject Property from on and off-site sources. The results of this assessment are detailed in the report.

If you have any questions or comments, please do not hesitate to contact us. CEG appreciates working with you on this project.

Sincerely,



Danica Wallace
Senior Geologist



Richard B. Campbell
Maine Certified Geologist
President

Enclosure

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Executive Summary

Campbell Environmental Group, Inc. (CEG) was retained by Hancock County Planning Commission (HCPC) to perform a Phase I Environmental Site Assessment (ESA) of four lots that were formerly part of a Naval Base, hereafter, referred to as the Subject Property. The four lots are located in the small village of Core, a within the Town of Gouldsboro, Hancock County, Maine. This report describes the assessment of a portion of the former naval base that comprised the Building 85 Complex, Radome 0 (Building #215), and the Wullenweber Circulatory Disposed Antenna Array (CDAA).

The Subject Property has used a large quantity of hazardous materials, has had many above ground storage tanks (ASTs) and underground storage tanks (USTs) containing primarily petroleum, and has also had several hazardous substance and petroleum spills. Several environmental investigations have taken place at the Subject Property and no significant threats to human health or the environment were identified. There were, however, several conditions that can be appropriately managed to reduce their impact to human health and the environment. These conditions included the natural non-potable condition of the groundwater, lead paint in select buildings, and asbestos in other areas. In the last few years, however, the condition of the Subject Property has been significantly degraded due to neglect and vandalism. Conditions within the buildings have changed significantly and now some of the issues that were not considered to be health threats should be reevaluated. This includes the condition of lead paint, open manholes, and asbestos. Identified recognized environmental conditions at the Subject Property include:

REC#1: Lead paint was verified on the exterior of Building 85 during a 1996 inspection and assumed to be in the interior of many of the buildings as well. The paint is significantly chipping with large sections completely peeled from the walls, doors, and other surfaces.

REC#2: There are large areas within the former Wullenweber CDAA that contain no plant life. The cause of this could be related to geotextile located directly below the surface, excessive amounts of herbicides, or another unrelated reason.

REC#3: Potential fuel spills related to the abandoned #2 fuel oil UST southeast of Building #85. In addition CEG is not certain that the adjacent 8,000-gallon diesel fuel UST has been removed.

REC#4: The presence of broken fluorescent light bulbs particularly in Building #85 may have resulted in the release of mercury to the floors and walls.

REC#5: The pesticide mixing area west of Building #103 has not been tested for herbicides or pesticides.

REC#6: There is a floor drain located in Building #156 that has an unknown discharge point. A significant amount of solvents were used in this building and if releases occurred it is likely that they were discharged to the floor drain and its discharge point.

REC#7: Asbestos was detected in Building #85 and should be reevaluated to determine if the condition of the floor has deteriorated enough to be considered friable.

CEG recommends that these RECs be assessed as part of a Phase II ESA.

1.0 INTRODUCTION AND SCOPE OF WORK

The following report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted by Campbell Environmental Group, Inc. (CEG) for four parcels located in the small village of Corea, within the Town of Gouldsboro, Hancock County, Maine (Subject Property). The four parcels will be collectively referred to in this report as the Subject Property. A second report completed in conjunction with this report is titled, "*Phase I Environmental Site Assessment, Former Naval Facility, Building 153 Complex, Corea, Maine*" dated June 11, 2015. The second report describes the assessment of a singular lot that comprises the Building 153 Complex which is another part of this former naval facility located directly north of the Building 85 Complex and the Wullenweber Circulatory Disposed Antenna Array (CDAA). These Phase I ESAs were conducted in accordance with the requirements of the American Society for Testing and Materials (ASTM) International Designation: E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessments 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 Subject Property, to evaluate the likelihood that a release of oil and or hazardous material (OHM) has occurred or has the potential to impact the Subject Site, and to provide our professional opinion regarding evidence of *recognized environmental conditions (RECs)* in connection with the Subject Property.

1.1 Scope of Services

The scope of work for this project included the following:

- Reviewed readily available information regarding historical site use, topographic maps, and geologic and hydrogeologic data;
- Searched Maine and the United States Environmental Protection Agency (EPA) database records regarding environmental conditions at the Subject Property and the surrounding area;
- Contacted the Town of Gouldsboro regarding any available records associated with the Subject Property;
- Reviewed the Maine Department of Environmental Protection's (MEDEP's) spill response files for the Town of Gouldsboro;
- Interviewed knowledgeable members of the town and former occupants regarding past and current use of the Subject Property;
- Conducted a site visit to the Subject Property, including a visual inspection and photo-documentation;
- Performed a visual inspection of abutting properties; and
- Prepared this report.

1.2 Significant Assumptions, Limitations, and Exceptions

CEG has reviewed information concerning the potential presence of contamination on the Subject Property and has prepared this report in a professional manner using the degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. The information contained in this report, including its conclusions, is based on the information that was made available to CEG during the investigation for the services described. Because this report is based on available information, some of its conclusions could be different if the information upon which it is based is determined to be false, inaccurate, misleading, or contradicted by additional information.

CEG makes no representation concerning the legal significance of its findings or of the value of the property investigated. This report was prepared for the use of the Hancock County Planning Commission (HCPC). No third party is entitled to rely on any information or opinions contained in this report.

1.3 Special Terms and Conditions, User Reliance

No special terms and conditions have been included in this Phase I ESA.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The Subject Property which has been called the Gouldsboro Corea Business Park consists of four lots designated by the Town of Gouldsboro tax assessor's office as Map 42, Lots 29, 30, 31, and 32. The Subject Property is a small subset of what was originally part of the Naval Security Group Activity, Winter Harbor (NSGAWH). This Naval base consisted of three distinct sites with the main base (100.1 acres) located in Acadia National Park on Big Moose Island, the operations site which comprises this site was 451.5 acres and was located in Corea, and the housing area (23 acres) was located in Winter Harbor. The Subject Property lots are also designated as Lots 1 through 3 with the center of the lots having no defined lot name on the Boundary Survey for Division of Land of Acadia Capital Corporation, State Route 195, Gouldsboro, by Edward J. Wainwright (PLS #1080) and dated May 10, 2010 and registered with the Hancock County Registry of Deeds under File 39, Page 173. According to the Gouldsboro tax assessor, there are currently no designated street addresses for these parcels. The size of each lot is listed below:

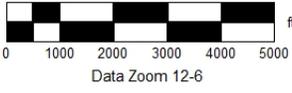
Table 1		
Subject Property Lot Designations and Acreage		
Tax Map/Lot	2010 Survey Lot Designation	Acreage
42/29	Lot 1	12.61
42/30	Lot 2	3.98
42/31	Lot 3	4.10
42/32	Not Named	8.8

The Subject Property is accessed by an unnamed driveway off Route 195 (aka Corea Road) and based on its location, is within Shoreland zoning. The Subject Property contains a right-of-way to the Atlantic Ocean, located directly west of the Subject Property. The Subject Property contains four lots (1, 2, 3 and the unnamed center lot). These lots form a circle that is encompassed by the former Wullenweber CDAA which was a radio direction-finder. This antenna array is described below in **Section 2.6** of this report. The main building, which served as the operations center for this portion of the facility, is Building #85. Building #85 is surrounded by additional smaller buildings labeled as a septic tank building (#229), maintenance building (#217), maintenance building (#156), generator building (#103), and an electronics storage building (#226). All buildings associated with NSGAWH, were sequentially labeled by number in order of construction date.

The following is a portion of the United States Geological Survey (USGS) topographic map obtained from the Maine Region 3, Delorme TopoQuads program, dated 1999.



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www.delorme.com



2.2 Site and Vicinity General Characteristics

The Subject Property and general vicinity are relatively flat except for the area surrounding Building 85 that is raised. CEG suspects the raised area surrounding Building 85 is fill which was used during building construction. The vicinity that surrounds the Subject Property is composed of heath and forested land. The Atlantic Ocean is located directly west of the property line. The area that formerly comprised the antenna arrays is lightly vegetated and contains predominately fine sand to coarse gravel. Some wetlands are also found throughout the area. A drainage area surrounds the northern, eastern, and southern portions of the former antenna arrays.



2.3 Structures, Roads, and Other Improvements

2.3.1 Structures

In 1960, the NSGAWH received appropriations for construction of a new radio direction-finder facility at the 451.5 acre Corea operations center owned by the United State of America. According to the *Environmental Baseline Study for Transfer (EBST) Naval Security Group Activity Winter Harbor, Maine Corea Operations Site* report prepared by Malcolm Pirnie and dated November 2000, the Wullenweber CDAA was constructed between 1960 and 1962. Buildings erected near the center of the array were subsequently built with the purpose of the station's participation in the Classic Wizard Advancement Tactical Ocean Surveillance systems and as the center for training personnel involved, worldwide, in the system's maintenance and operation. Several additions to Building #85 were constructed in 1971 and 1988. In 1963, all operations were transferred from the main base in Winter Harbor to the Corea Site. Other buildings supporting operations conducted in Building #85 were constructed throughout the next thirty plus years. Building 229 was installed to provide potable water treatment and storage capabilities to the Building #85 complex. Radome 0 also known as Building #215 was also constructed in 1988 and located in between the northerly Building #85 complex and the Building #85 complex.

Operational facilities at Corea were expanded during the 1970's, in the area directly north of the Subject Property. These additions included erection of four radomes (Bldgs 176-179) in the area of the Building #153 complex which is not part of the Subject Property. Also constructed in this area during this period was Building 153, a concrete block edifice which operated as the operations and training center for Classic Wizard Advanced Tactical Ocean Surveillance system. Associated with this facility is a generator building (Bldg 154). During the 1980's and 1990's, some additional storage buildings were constructed. Also, Building 230 was installed to provide potable water treatment and storage capabilities to the Building #153 complex.

Table 2 Building Descriptions			
Bldg No.	Date Constructed	Former Uses	Building Descriptions
Building 85 Complex			
85	1961	Operations and evacuated	Concrete block, windowless operations building associated with CDAA
103	1965	Uninterrupted power system (UPS) and Office/storage space	1-story, two room, cinder block building used as a power plant
217	1987	Storage	1-story, wood storage building
215	1988	Radome 0	Housed an antennae
226	1994	Electric/materials storage	Electronic storage

Table 2 Building Descriptions			
Bldg No.	Date Constructed	Former Uses	Building Descriptions
229	1998	Potable Water treatment Storage for Bldg 85	1-story, metal building over two 8,000-gallon in-ground potable water storage tanks
156	1973	Antenna Maintenance	1-story slab on grade, metal building

According to EPA, PCBs may be present in the caulk used in windows, door frames, and masonry columns, and other building materials in buildings built or renovated between 1950 and 1979. In some cases, PCBs represent a high percentage of the caulk, e.g. 100,000 parts per million (ppm) or higher. Buildings 85 and 103 were constructed prior to the banning of PCBs in 1979. According to EPA, buildings constructed between 1950 and 1980 have a potential of caulk containing PCBs used for window sealants and masonry joints.

2.3.2 Utilities and Stormwater

According to the *Potable Water System Study*, prepared by Stearns & Wheeler, LLC, and dated March 1996, the NSGA Corea Site was not served by a water supply facility sanctioned by the drinking Water Program of the Maine Department of Human Services. The Building 85 complex was supplied with potable water by water hauled from the alternate NSGA water supply facility located in Winter Harbor. The water was transferred to Building 229 which contained two 8,000 gallon underground storage tanks to store, treat and circulate potable water. Building 85 also had a non-potable water supply from the Radome 0 well located approximately half way between the two complexes to the west of the access road. The Radome 0 well is approximately 440 feet deep. There are other non-potable water supply wells located outside of Building #85 southeast side of the building under a manhole cover and another southwest that was buried under pavement. Contaminants of concern for on-site wells include turbidity, iron, manganese, gross alpha particles, hydrogen sulfide, and radon. According to the Potable Water System Study, the radionuclides detected in the water supply wells are considered to be naturally occurring.

There are two leachfields constructed southeast of Building #85. One of the leachfields was older and replaced with a second leachfield that was located further south and west of the original leachfield.

One incinerator was located in Building #85. Ash from the incinerator was reported to have been removed by a waste contractor for off-site disposal.

Stormwater is reported to discharge to the drainage ditch that surrounds the CDAA. It is assumed that the stormwater eventually discharges to the ocean west of the Subject Property.

2.4 Site Geology and Hydrogeology

CEG reviewed several geological sensitivity maps prepared by the Maine Geological Survey (MGS) for the Subject Property and the MEDEP Environmental and Geographic Analysis Database (EGAD). The maps included a surficial geology map, significant sand and gravel aquifers map, and the Bedrock Geologic Map of Maine. CEG also reviewed a USGS topographic map of the Subject Property.

Table 3		
Site Geology and Hydrogeology		
Feature	Source	Description
Nearest Water Body	USGS Topographic Map	Un-named stream originating at the Subject Property flowing westerly and discharging to Prospect Harbor
Bedrock Geology	Maine Geologic Survey	Devonian aged granite, but gray highly fractured basalt was encountered near the Wullenweber Array
Surficial Geology	Maine Geologic Survey	The surficial soil near the coast consists of undifferentiated thin drift. The soil thickness ranges from 0 to 7.5 feet thick and is mostly sand and gravel with some areas also containing silt. Soils toward the interior consist of swamp and marsh. Groundwater was encountered west of Building #153 at a depth of 52 to 79 inches below grade and south of Building #85 at 0 to 16 inches below grade.
Wetlands	National Wetland Inventory (NWI), EDR Report	Wetlands are scattered along the perimeter of the Subject Property.
Flood Zone	(FEMA) 100-year flood plain panel for Hancock County Panel 230283 0020 B	Area designated with no base flood elevation (a), 500 year flood plain area (X), and coastal flooding with base elevation of 13 feet (VE) (Figure 6, Appendix A).
Drinking Water Source	Maine Public Water Resource Information System, MEDEP EGAD	Nearest public water supply well approximately 1.8 miles northwest of Subject Property across Prospect Harbor.
Sand & Gravel (S&G) Aquifer	MGS Hartland Quadrangle 2001, open File No. 01-86	Nearest sand & gravel aquifer is approximately 5 miles northeast of Subject Property

The Subject Property is located near a heath unique to North America and therefore listed by the Maine Critical Areas Program.

According to the *Final Environmental Site Assessment Report*, March 2002, by Malcolm Pirnie Inc. (MPI), granite bedrock was encountered at depths ranging from one inch to 80 inches below ground surface. Field observations indicated that overburden consisted mainly of a thin veneer of sand and gravel with some silt ranging in thickness from 0.5 to 7.5 feet. The bedrock well installed in the former location of the leachfield near the Wullenweber CDAA consisted of gray, highly fractured basalt.

2.5 Current Use of the Property

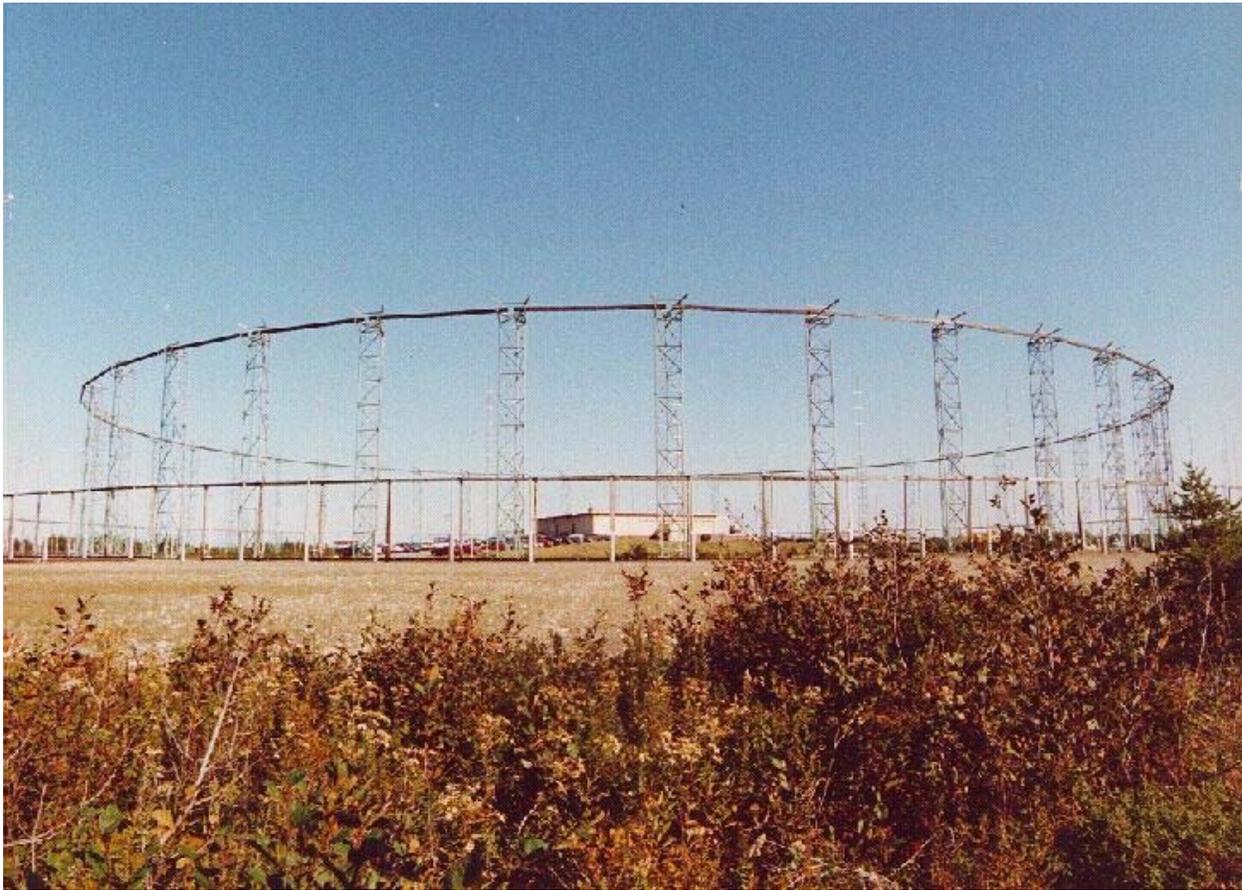
The Subject Property is currently vacant with no active use.



2.6 Historical Use Information on the Property

The Wullenweber CDAA was constructed in the 1960's. The Wullenweber CDAA is a large circular antenna array used for radio direction finding. It was used by the military to triangulate radio signals for radio navigation, intelligence gathering, and search and rescue. The Subject Property's Wullenweber CDAA was composed of High Band Antenna System and a Low Band Antenna system. The high Band system consisted of 120, 18 foot tall wood support poles; 240 wood "boom boards"; 120 antenna elements

and reflector panels; 120 concrete antenna bases; concrete guy wire bases; copper clad wires and copper ground bus bars. The Low band System consisted of 40, 97 foot tall steel support towers; 120 concrete tower bases; 40 antenna elements; 40 concrete antenna bases; 40 wood "boomboards"; 40 reflector screen panels, concrete grade beams, copper clad wire and copper ground bus bars.



The NSGA ceased operations at Corea in 1998. The Wullenweber CDA was dismantled in August 2001 and a majority of the 546 acres were transferred to the U.S. Fish and Wildlife Service in June, 2002.

According to the EBST, an incinerator was installed in building 153 in 1988 for the purpose of burning shredded documents. Prior to 1988 a different incinerator was located in Building 85 and burn barrels were located west of Building #215. Ash was reportedly disposed of off-site.

CEG has outlined a partial ownership history in **Table 4**, however, this should not be interpreted as a complete deed search, but rather as a preliminary and partial list of grantors and grantees for the three lots comprising the Subject Property. Based on historical mapping and aerial photographs, CEG believes the Subject Property was undeveloped prior to the acquisition as a naval base.

Table 4			
Date	Grantor	Grantee	Book/Page
6/4/2010	Acadia Capital Corporation	Maine Halibut	5427/20
11/18/2005	University of Maine System	Acadia Capital Corporation	4350/194 (40.47 acres)
9/15/52	David W. Mann	USA	749/485
2/10/1945	Margaret Lock	David Mann	701/84
2/10/1945	David Beal	David & Iva Mann	701/109

Below is a preliminary figure showing the land to be transferred from the USA to the University of Maine. The final land transfer contains two easements that extend to the ocean and one additional easement that provides access surrounding the Wullenweber CDAA.

.6.1 Sanborn Insurance Maps

Environmental Data Resources, Inc. (EDR) reported no coverage for this area of Gouldsboro.

2.6.2 Historical Maps and Topographic Maps

EDR provided historical topographic maps for the years 1904, 1950, 1977, and 1989. The earliest map, 1904, shows only a small portion of Cranberry Point Road with no evidence of Shark cove Road and no development on the west side of Route 195 in the vicinity of the Subject Property. The 1950 topographic map show Cranberry Point Road extended further to the southwest and “heath” in areas that correspond with currently mapped national wetland inventory. The 1977 topographic map shows Cranberry Point road further extended westerly, the addition of Shark Road, and the developed Subject Property with some detail as to the antenna array and buildings. The 1989 topographic map shows the roads to be similar to the 1977 topographic map but no details as to structures are depicted due to the scale of the map.

2.6.3 Aerial Photography

EDR provided aerial photographs for the years 1956, 1976, 1991, 1996, 2006, 2007, 2009 and 2011 (**Appendix D**). The earliest aerial photography, 1956, shows no development. The 1976 aerial photograph shows the development of the facility. All subsequent aerial photographs are similar with the exception that from 2006 to 2011 the vegetation appears be encroaching on the array antenna.



2.6.4 City Directories

EDR provided historical and current city directories for the years 1992, 2003, 2008, and 2013 for addresses on Corea Street since the access road to the facility has no designated name. The listed occupants are names or “occupant unknown”. There is no indication that the facility is listed in the directories accessed by EDR. No other listed occupants have a description or name that would indicate a commercial or industrial use. The EDR report is attached in **Appendix E**.

2.7 Adjacent Property Information and Historical Use

The surrounding properties were observed only from public right-of-ways and were not thoroughly investigated for potential environmental issues during the site-walk. The only adjacent property is the land formerly part of the original 451.5 acres that NSGAWH transferred to the US Fish and Wildlife Service (USFWS) which has had no known activity since then. Properties beyond the USFWS property are primarily residential or undeveloped.

3.0 SITE RECONNAISSANCE

3.1 Methodology and Limiting Conditions

On April 28, Richard Campbell, of CEG, and Mr. Phillip Church, the former maintenance supervisor for the Subject Property and now a National Park employee, conducted a site-walk at the Subject Property. The purpose of the site-walk was to identify existing and or potential environmental concerns associated with the Subject Property. Photographs taken during the site-walk are presented in **Appendix B**.

3.2 Observations

3.2.1 Exterior Observations

Table 5	
CEG's Exterior Observations During Site Reconnaissance	
Checklist Items	CEG Observations
Hazardous Substances and Petroleum Products	None noted
Storage Tanks	One UST was observed west of Building #85. Building #229 also appeared to contain USTs
Odors	None noted
Pools of Liquid	None noted other than what appears to be related to rain water
Drums	None noted
Unidentified Substance Containers	None noted
PCBs	None noted
Pits, Ponds, or Lagoons	None noted other than a low wetland area south of Building #85
Stained Soil or Pavement	None noted
Stressed Vegetation	The Antenna Array had large areas where no vegetation was apparent.
Solid Waste	Solid waste observed near building and was observed on the grounds
Waste Water/Septic System	The location of the septic fields were noted, but nothing significant was observed
Wells	The well adjacent to Building #215 was observed it appeared to be in fair condition.
Discharge Pipes	None noted
NA-Not applicable due to limitations, UST-Underground Storage Tank, PCB-polychlorinated biphenyls	

3.2.2 Interior Observations

Table 6	
Interior Observations During Site Reconnaissance	
ASTM Checklist Item	CEG Interior Observations
Hazardous Substances and Petroleum Products	Universal waste in the form of broken fluorescent light bulbs were observed in Building #85. No other wastes were observed in the other buildings. The paint was significantly peeling off the walls in many of the buildings.
Storage Tanks	None noted
Odors	None other than musty odor
Pools of Liquid	Some moisture related to rain water
Drums	None noted
Unidentified Substance Containers	None noted
PCBs	None noted
Stains or Corrosion	Some staining likely related to rain water
Drains and Sumps	One floor drain was observed in Building #156. The discharge point was not determined. Some concrete cutting and excavation was apparent in the floor of Building #217. The purpose of the excavation was not known.
Heating/Cooling	No significance related to abandoned heating and cooling systems

The buildings have been heavily vandalized. Metal appears to have been the target of most of the vandalism. Therefore, any metal object or part that could be removed was stolen. This included fences, aboveground storage tanks, compressed gas cylinders, manhole covers, wires, pieces of equipment, and piping. To access the metal, floors were removed, ceiling tiles were removed, and massive amounts of fiber glass insulation were moved and discarded into large piles amongst the building interiors. Sheetrock in many of the buildings was broken as well as many of the glass windows. Other parts of equipment including air filters, eye wash stations, and paper were scattered throughout the buildings and the grounds. It was difficult to view some areas due to the amount of material that was piled into certain areas.

4.0 USER PROVIDED INFORMATION

A “user” is defined by ASTM Practice E 1527-05 as the party seeking to use Practice E 1527 to complete an ESA of the project area and may include a potential purchaser of land in the project area, a potential tenant of the project area, an owner of land in the project area, a lender, or a project area manager. Mr. Kimball Kenway, representative of Maine Halibut Farms, responded to the “User” questions and is included with the ASTM Transaction Screen Questionnaire (**Appendix C**).

5.0 TRANSACTION SCREEN QUESTIONNAIRE

The Transaction Screen Questionnaire outlined in Section 6.1 of the ASTM E 1528-06 Standard Practices for Environmental Site Assessments was completed by the Ms. Kitty Barbee, of Acadia.

6.0 RECORDS REVIEW

6.1 Federal and State Database Review

In addition to the information provided in the EDR report, CEG personnel also reviewed spill reports generated by the MEDEP and tank registrations for the Subject Property and surrounding properties.

EDR was utilized to search the state and federal databases. The EDR report contains the total number of sites or occurrences identified by the database search. The search area ranged from the Subject Property to a 1-mile radius around the Subject Property. The EDR radius report is included in **Appendix E**. The following sections include a summary of the federal and state database records EDR has identified.

Table 7 Database Record Search by Environmental Database Research , Inc.(EDR)							
Database	Subject Property	Search Distance (miles)	< 1/8	1/8 – 1/4	1/4 - 1/2	1/2 - 1	Total Plotted
Federal Records							
CERC-NFRAP		0.5	0	0	1	NR	1
CORRECTS		1.0	1	0	1	0	2
RCRA-CESQG		0.25	1	0	NR	NR	1
State & Local Records							
ME SHWS		1.0	0	0	2	0	2
ME LCP		0.5	1	0	0	NR	1
LUST		0.5	1	3	0	NR	4
LAST		0.5	0	1	4	NR	5
UST		0.25	0	0	NR	NR	0
AST	1	0.25	0	0	NR	NR	1
NY Manifest		0.25	1	0	NR	NR	1
ME Tier 2	1	SP	NR	NR	NR	NR	1
2020 COR ACTION		0.25	1	0	NR	NR	1
EDR US Hist Auto Stat		0.25	1	0	NR	NR	1

LUST - Leaking underground storage tank

LAST - leaking aboveground storage tank

ME LCP- Municipal landfill Closure Database

2020 COR ACTION-2020 Corrective Action Program List

EDR US Hist Auto Stat-EDR Exclusive Historic Gas Stations

CERC-NFRAP-Archived sites from CERCLIS inventory

CORRECTS - Corrective Action Report and Liability Information System

UST-Underground Storage Tank

AST - aboveground storage tanks list

NR-Not Reported

RCRA-Resource Conservation Recovery Act

CESQG-Conditionally Exempt Small Quantity Generator

ME SHWS-State Hazardous Waste Sites

6.2 State of Maine, Department of Environmental Protection File Review

6.2.1 Spill Reports

CEG obtained and reviewed MEDEP spill reports for the Town of Gouldsboro using the MEDEP online database and files at the Augusta, Maine office. The purpose of the file review is to identify information pertaining to environmental spills on or in the vicinity of the Subject Property.

Table 8 Spill Report Summary				
Site	Spill #	Date	Distance from SP	Summary
Jill Duso residence, NA	B-111-1990	3/12/1990	0.61	Based on fuel oil impacts to her WSW, Wendy Rogers investigated the neighbors heating oil AST owned by Jill Duso which had been leaking and called MEDEP. Roger's WSW had filters installed.
NSGA, Corea	B-221-1990	4/27/1990	SP	Approximately 50 gallons of oil released from tank in building 154 due to an over-fill. Clean up by use and disposal of speedi-dry.
NSGA, Corea	B-326-1992	6/24/1992	SP	Approximately 15 gallons of diesel fuel sprayed on backfill material near Bldg 85 due to an overflow of an 8,000-gallon diesel fuel tank. Approximately 1.5 CY of impacted soil removed and aerated.
NSGA, Corea	B-39-1993	1/25/1993	SP	Approximately 20 gallons of diesel fuel released from a truck. A 5' by 5' area of soil was excavated and aerated.
NSGA, Corea	B-6-1995	1/6/1995	SP	Approximately 25 gallons of diesel fuel released from a tank overflow. Clean-up consisted of using sorbent material and disposal.
NSGA, Corea	B-550-1998	8/20/1998	SP	Approximately 1 gallon of compressor oil was released outside Building 153. Impacted soil was excavated and disposed off-site.
Ethel Myrick, Crowley Island Road	B-82-2000	2/17/2000	0.89 mi	Hancock oil co reported leak from outside kerosene AST at the Myrick residence. The AST was replaced and oil cleaned up using sorbent pads.
Arleen Bridges residence, Route 195	B-202-2000	4/12/2000	0.61 mi	Hancock Oil Co. reported an AST anomaly. Approximately 189 CY of petroleum impacted soil excavated and treated on-site. Select water supply wells sampled but no detectable concentrations.
Dan Schafer residence, Corea Road	B-484-2000	7/11/2000	0.61 mi	Based on Spill #B-202-2000, Mr. Schafer requested his WSW be sampled. Results indicated detectable DRO concentrations but below the MEDEP action level.
ROW off Route 195	B-225-2001	4/24/2001	.5 mi	Approximately 1 pint of hydraulic fluid leaked from BHE machinery. Clean-up consisted of removing and disposing of impacted vegetation.
Harvey & Sally Crowley, 117 Cranberry Point Road	B-101-2003	3/11/2003	0.66 mi	Leak from an outside kerosene AST due to a cracked valve. No liquid petroleum observed to recover.

Site	Spill #	Date	Distance from SP	Summary
Eddington Store, 549 Main Road	B-806-2006	12/29/2006	0.97 mi	MEDEP received an anonymous report of an approximate ½ gallon overflow of gasoline that had not been reported to MEDEP.
Joe Depasquale, 181 Crowley Island Road	B-11-2007	1/10/2007	0.97 mi	Residential water supply well determined to be impacted by gasoline. Carbon filters installed and placed on QM. Referred to technical services for remediation.
CMP Pole# 11 Cranberry Point Rod	B-129-2007	3/20/2007	0.76 mi	Rusted pole mounted transformer leaked onto bushes below which were removed and disposed.

Notes: UST-underground storage tank, AST-aboveground storage tank, GRO-gasoline range organics, DRO-diesel range organics, PPM-parts per million, WSW-water supply well, mi-mile, CRS-Commercial recycling Systems, Inc.

Additional spills that were reported in the Environmental Baseline Survey For Transfer report dated November 2000, reports consisted of the table included below. The spills related to Det 2, Building #41, Building #154, and Building #153 are not related to the Subject Property.

Date of Spill	Location of Spill	Substance & Amount Spilled	Method of Cleanup
04/27/90	Day tank in Bldg. 154	50-60 gallons of #2 fuel oil	40-50 gallons free liquid recovered, and 5-10 gallons recovered with absorbent pads
06/24/92	Bldg. 85 8,000-gal diesel storage tank	Diesel fuel (amount unavailable)	Removed 1 yd ³ of soil
01/1993	Gravel parking area at Det. 2	20 gallons winter blend diesel fuel	Absorbent pads and removal of contaminated soil
07/20/93	Bldg. 85 fuel oil tank	Fuel oil (amount unavailable)	Approx. ½ yd ³ of soil removed
08/31/94	Bldg. 154 inside cement containment	3 ozs. diesel fuel	Absorbent pads
01/06/95	Bldg. 153 diesel generator UST	25 gallons diesel fuel	Absorbent pads & snow removal
08/20/98	Bldg. 153	1 gallon compressor oil	Contaminated soils and washwater were removed
06/01/99	Bldg. 41 (Det 2) under 500-gal AST	2 gallons fuel oil	Absorbent pads

6.2.2 Underground Storage Tanks

Registered underground storage tanks (USTs) are regulated under Subtitle I of RCRA and by the MEDEP. Owners have been required to register their USTs since the late 1980s. Prior to the 1980's, there was no state record keeping requirements and consequently, the current state system does not compensate for USTs installed or removed prior to the 1980s. Currently, the tank registration states that there is a 2,500 gallon diesel fuel tank. This tank is located south east of Building #85. The UST is owned by Acadia Capital Corp. Below is a tank summary that was reported in the Environmental Baseline Survey For Transfer report dated November 2000. Based on the data reviewed, CEG is not certain if the 8,000-gallon diesel fuel tank, located southeast of Building #85 has been removed.

Table 9 EBST Tank Summary November 2000							
Bldg No.	Bldg Name	Tank Size	UST/AST	Install. Date	Contents	Status	Comments
85	Operations	2,500	UST	1961	#2 Fuel Oil	R	Removed 1992
85	Operations	2,500	UST	1992	#2 Fuel Oil	A	
85	Operations	8,000	UST	1961	Diesel Fuel	R	Removed 1992
85	Operations	8,000	UST	1992	Diesel Fuel	A	
85	Operations	500	AST	1997	Diesel Fuel	A	
85	Operations	275	AST	1961	Diesel Fuel	A	Diesel generator day tank
85	Operations	275	AST	1961	#2 Fuel Oil	A	Boiler day tank
156	Antenna Maintenance	500	AST	1997	Diesel Fuel	A	

A-Active, B-inactive/back-up, R-removed

6.2.3 Air Emissions License

The NSGA had a single air emissions license (A-595-74-D-A/R) for the Winter Harbor, Corea, Detachment 2, and Detachment Alpha facilities. According to the EBST, the primary sources of emission from the Corea site consisted of emissions from the generators in buildings 85, 154, and Detachment 2. Buildings 154 and Detachment 2 are not part of the Subject Property.

6.2.4 Hazardous Waste Generator

According to the EBST, hazardous wastes have been generated and stored at the Corea site prompting a generator identification number of ME5000000034. Hazardous waste generated was collected in hazardous waste accumulation areas until removed and disposed of off-base by the Defense Reutilization and Marketing Office at the Portsmouth Naval Shipyard, Portsmouth, NH. An eight by nine foot hazardous waste storage locker was located north of Building #226. According to the EBST, base personnel indicated an ultrasonic cleaner was historically used inside Building 85 for cleaning computer/electronic components. The ultra sonic cleaner utilized a solvent bath consisting of trichlor, water, and/or Agitene® (an aliphatic petroleum distillate). The bath was periodically changed and may have been discharged to the septic system.

6.3 Previous Investigations

6.3.1 Potential Hazardous Waste Site Identification and Preliminary Assessment, January 24, 1983

The form outlines various information; however, pertinent data to this Phase I ESA includes a reference to an EPA inspection dated 1981 by Ruth Geoffrey and Jim Okun. Hazardous waste was identified as the oil, capacitors, and anything that was contaminated when the Uninterrupted Power System (UPS) was disassembled. The facility has a Hazardous waste identification number of ME170024145.

6.3.2 Preliminary Assessment Report, March 1988, Argonne National Laboratory

The report states that Building #85 contains 25 capacitors containing PCBs in excess of 500 ppm. The capacitors are scheduled to be removed in the spring of 1988. No leaks were noted.

6.3.3 Potable Water System Study, Corea Site, March 1996, Stearns & Wheeler, LLC

The water system at the Corea site was classified as a public water supply that is non-transient/non-community based on service to more than 25 non-resident individuals. The report indicates state and federal regulations require that potable water be supplied to all "free flowing" taps at the Operations Site, at the time of the study, potable water was not supplied to the majority of taps at the site. A variety of taps were labeled "Non-Potable-Do Not Drink". Potable water was provided to two selected taps at each of the two complexes (Buildings 85 and 153). The water was hauled from the Navy's public water system at the Winter Harbor location. Water was hauled bi-weekly using a trailer mounted tank.

Two poor quality wells exist at the Corea Site. Poor water quality was due to elevated levels of turbidity, iron, manganese, and naturally occurring radio-nuclides.

6.3.4 Draft Environmental Baseline Survey for Transfer (EBST), March 2000

The Environmental Baseline Survey for Transfer (EBST) was specifically for an approximate 40.47 acre area comprised of Buildings 85 and 153 that were anticipated to be transferred to the University of Maine as an aquaculture center. Three easements were identified accessing the Atlantic Ocean and Wullenweber CDAA. The following contaminants and areas of concern were noted and addressed:

- Asbestos was confirmed in the floor tile and mastic of Building #85 during a 1992 inspection. The asbestos containing material (ACM) does not pose a threat unless it become friable and/or prior to any building demolition, must be removed and properly disposed;
- Lead paint was verified on the exterior of Building #85 during a 1996 inspection of the facility;
- Soil samples within the Wullenweber CDAA were analyzed for herbicides, VOCs, and SVOCs. The results indicated no herbicides were detected and all VOC and SVOC compounds were below the corresponding maximum exposure limit (MEL);
- All USTs were either removed or emptied and temporarily placed out of service. Four ASTs were emptied of #2 fuel oil and the ownership the tanks were to be transferred with the property;
- Groundwater has gross alpha radioactivity which has been determined to be naturally occurring and not suitable for drinking unless properly treated. Sampling of the septic tanks and vicinity of the leachfields were conducted to determine if contaminants had been discharged.

6.3.5 MEDEP 2000 Site Inspection

Wilkes Harper, of MEDEP, summarized his site inspection and “reduced the initial list of potential areas of concern previously identified though the Environmental Baseline Survey for Transfer (EBST)” in a letter to Jim Miller, of NSGA, dated August 7, 2000. Areas of concern listed included:

- 1) areas where former PCB containing equipment had been located;
- 2) stressed vegetation observed approximately 1500 feet northeast of the Wullenweber CDAA may be indicative of herbicide use;
- 3) herbicide use in and around the Wullenweber CDAA;
- 4) spent ultrasonic bath solvents discharged via the on-site septic system;
- 5) historical application of pentachlorophenol to wooden structure supporting the Wullenweber CDAA; and
- 6) maintenance of junction boxes at the base of each mast supporting the antenna array consisted of applying 1,1,1 trichloroethane (1,1,1-TCA).

It should be noted that Mr. Harper did not indicate that the pesticide mixing area southeast of Building #85 was a concern. Therefore, it was not addressed in the future investigation work. CEG believes this is a potential environmental concern.

6.3.6 Environmental Baseline Survey for Transfer, November 2000, by Malcolm Pirnie

The findings of the EBST include the following:

- USEPA, State, and Local Notices of Violation: no outstanding violations regarding the areas surveyed were found during the records review;
- Hazardous Materials and Petroleum Product Management: NSGA is a large quantity generator of hazardous waste. In 1998, the Corea site generated approximately 0.7 tons of hazardous wastes. In general, documented hazardous materials spills were minor with corrective actions taken. Petroleum is and has historically been stored in numerous aboveground and underground storage tanks and there have been documented releases and remedial actions. According to base personnel, 1,1,1-TCA was historically used for maintenance at the site. There may have been discharges of this chemical to the septic system during the 1960's and 1970's. NSGA no longer authorizes use of 1,1,1-TCA and other chlorinated solvents for degreasing operations.
- Comprehensive Environmental Response, Compensation & Liability Act (CERCLA) Related contamination: There are no CERCLA sites associated with the areas surveyed for the EBST;
- Storage tanks: USTs containing petroleum products have been installed at the Corea site dating back as far as 1951; all of the original tanks have either been removed or abandoned/closed in-place. There are currently a total of four active underground storage tanks and thirteen active aboveground storage tanks at the Corea and Detachment 2 sites. There are no documented releases from any storage tanks at Corea;
- Air Quality; NSGA operates under Air Emissions License A-595-74-D-A/R. The primary sources of emissions are from the generators in building 85, 154, and at Detachment 2. Detachment 2 and Building 154 are not part of the Subject Property;
- Asbestos: future owners should be notified of the presence of asbestos as ACM exists in many of the buildings at the Corea Site. Four out of six samples analyzed for asbestos in Building 85 tested positive for asbestos. Any future renovations or alterations will need to address whether asbestos controls have to be invoked;

- Pesticides: currently an outside contractor handles all pest control applications. NSGA had a licensed pesticide applicator on staff, dating back to the 1970's until early 1999. A concrete pesticide pad was located behind Bldg 103. The chemicals creosote and pentachlorophenol were historically used as preservatives for the wooden components of the antenna systems. Application of the herbicide Bromacil and Tandex was a typical maintenance operation in the vicinity of the Wullenweber CDAA and were applied once every two to three years in quantities ranging from 250 to 6,000 gallons per application. According to Public Works staff, there are existing reports of the pesticide 2,4-D being sprayed in the Heath the peat bog area in the vicinity of the conical monopoles at Detachment 2. Detachment 2 was part of the Corea base, but was located east of Building #85. There is no evidence that 2,4-D was used at this part of the facility. According to the staff 2,4-D application was a one-time event performed in the 1970's for the purpose of sustainable forest management;
- Polychlorinated biphenyls (PCBs): All identified PCB-containing transformers were replaced. During the EBST field investigation, no visible staining which may have resulted from a release of dielectric fluid was noted in the vicinity of these transformers;
- Medical or Bio-hazardous Waste: No documentation was found regarding generation of medical or bio-hazardous waste within areas associated with this EBST. No indication was found that these materials were used at the Corea Site, and is unlikely that they would have been found at this type of facility;
- Ordnance: No documentation was found regarding the presence of ordnance within areas associated with this EBST. No indication was found that ordnance was used at the Corea Site, and it is unlikely it would have been found at this type of facility;
- Lead-Based Paint: Lead based paint was identified at the facility in 1996 and a table showing the places where it was identified is outlined below. Buildings #153, 41, and 213 are not part of the Subject Property. Future owners should be notified of the presence of lead based paint in at least some of the buildings at the Corea Site. Any future renovations or alterations will need to address whether lead controls have to be invoked;
- Water and Wastewater: Treated drinking water from the water treatment system at Schoodic Point is transported by tanker to the Corea Operations Site. Additional water treatment by chlorination is performed at Corea. Lead in drinking water has been a problem in the past but pre-treatment measures have addressed this problem. All wastewater is discharged to septic systems consisting of a septic tank and leachfields; there is an abandoned leachfield southwest of Building #85;

- Radioactive and Mixed Wastes: There is no documentation pertaining to stored radioactive materials in any of the buildings associated with this EBST. No indication was found that radioactive materials were used at the Corea Site, and it is unlikely that they would have been found at this type of facility;
- Stressed Vegetation or Stained Soils: no visual signs of stressed vegetation or stained soil were observed in the areas associated with this EBST;
- Landfill Sites: According to base personnel, there are no known active or inactive landfills on base. However, there is an area at the Corea site where base personnel indicated that there may have been filling; we observed concrete debris at the toe of slope of this fill area.
- Wood Preservative: one of the Wullenweber CDAA components was timbers that were called boom boards. The boards were elevated and were preserved occasionally with pentachlorophenol, creosote, and tetrachlorophenol. These materials were sprayed onto the boards.

**Table 5-10: Lead Paint Analysis Test Results
 (Source: Reference 21)**

Sample Location	Sample Date	Lead, ug/g	Pb, (% w/w)
Bldg. 85, exterior railing, off SE corner of bldg.	08/28/96	248	0.025
Bldg. 153, exterior metal door, on SE corner of bldg.	08/29/96	16,400	1.6
Bldg. 153, exterior hand-railing on NE corner of bldg.	08/29/96	27,000	2.7
Bldg. 153, exterior metal door, on north side of bldg.	08/29/96	58.2	0.0058
Bldg. 41, exterior heating oil AST	08/29/96	<50.0	<0.0050
Bldg. 41, concrete pad for exterior heating oil ASTs	08/29/96	<50.0	<0.0050
Bldg. 213, interior heating oil AST	08/27/96	<50.0	<0.0050

During several interviews that were conducted as part of this EBST, the following information was relayed:

According to Harry Larabee, a former employee of the base, indicated that tetrachloroethylene (PCE) was used as a degreaser along with "tricholor", which CEG assumes to be trichloroethylene (TCE) or trichloroethane. The PCE was contained in 5-gallon pails. A UST was found abandoned in place during the construction of a generator building. CEG does not know which this building could be. The types of Freon used were 12, 505, 22, 408A, 408, and 502B. Building #85 used Freon and glycol for the cooling system.

Hank Shafer, another base employee, indicated that methyl ethyl ketone, and trichloroethylene was used and stored in 55-gallon drums and applied to equipment using sprayers. He also indicated that methanol, ethanol, and acetone were also used. He indicated that virgin diesel fuel was used for dust suppression on the roads. TCE was used in the ultrasonic cleaner and may have been discharged to the septic system.

During a field inspection that was conducted from May 17-May 21, 1999, the following notes were indicated by Malcolm Pirnie personnel:

Building #217 is a wood storage building, Building #103 has a battery bank of 183 lead acid batteries, Building #85 houses three diesel generators, two 275-gallon diesel fuel tanks, an acid locker and a flammable locker, a boiler room for producing hot water heat and steam generation for humidification, air compressors use Freon-22 which used to be a glycol system, it also has two 5,000 gallon water tanks due to lead in the drinking water. There was a former incinerator in the building and non-friable asbestos in the floor tiles. A pesticide mixing pad is located behind Building #85.

The site was classified as Category 3 under the Naval Facilities Engineering Command (NAVFAC) property classification and as standard environmental condition of Property Area Type 5 under the ASTM classification based on information obtained during the EBST investigation. The recognized environmental conditions identified:

- The area in the immediate vicinity of the Wullenweber CDAA where chlorinated solvent and pesticide use had been documented.

The report stated the recognized environmental conditions did not appear to present an imminent health hazards to occupants and suitable for transfer.

6.3.7 Final Environmental Site Assessment Report (FESAR), Dated March 2002, by Malcolm Pirnie, Inc. (MPI)

The purpose of the FESAR was to respond to the recommendations made in the EBST by MPI (November 2000) and subsequent discussions with the Navy and MEDEP. Sampling and chemical analysis of soils, groundwater, and surface water at potential AOCs were performed to identify presence or absence of contaminants of concern from historical releases.

The FESAR at the Corea site consisted of the following:

- installation of two bedrock monitoring wells;
- no overburden wells were installed due to lack of groundwater;
- groundwater sampling of the bedrock wells;
- sampling water and sludge from septic tanks; and
- sediment and surface water sampling of drainage swale.

The results of the FESAR sampling at the Corea site indicated the following:

- all groundwater samples had detectable concentrations of aluminum, manganese, selenium, and sodium, occasionally in exceedance of the Maine Maximum Exposure Guidelines (MEGs);
- the building 85 leachfield groundwater samples had manganese concentrations exceeding the MEG;
- surface water samples collected from the Building 85 drainage swale had a lead concentration exceeding the MEG; however, confirmation sampling conducted in December 2001 and January 2002 had no detectable lead concentrations; and
- the Building 85 septic tank sample and sludge sample had detectable metals, VOCs and SVOCs.

The conclusion and recommendations based on the results of this FESAR for the Corea site are summarized below:

- Building 85 leachfield-soil and bedrock groundwater was sampled for VOC, SVOCs and metals. Results indicated manganese was detected above the MEG. Through documentation, future owners will be made aware of this data; however, no further action was recommended;
- Wullenweber CDAA Area-surface soil and overburden groundwater was analyzed for various herbicides with no detectable concentrations. No further action was recommended;
- Ground around antenna array-surface soil samples analyzed for VOCs and SVOCs had no concentrations exceeding corresponding guidelines. No further action was recommended;

- Outfall and Stream-Stream sediments and surface water samples analyzed for VOCs, SVOCs, select herbicides, and metals had no concentrations exceeding corresponding guidelines. No further action was recommended;
- Swale across from parking lot at Building 85-surface soil and overburden groundwater samples analyzed for VOCs, SVOCs, and select herbicides, and metals had elevated lead concentrations exceeding the MEG; however, subsequent sampling had no detectable lead concentrations. No further action other than documentation for future owners was recommended; and
- Concrete septic tank, Building 85- supernatant sample from tank had detectable concentrations of metals, benzoic acid, 1,4-DCB, acetone, and toluene in the liquid and 1,4-DCB, and bis(2-ethylhexyl)phthalate in the sludge. Since these compounds were not detected in soils or groundwater at the leachfield location, MPI concluded the contaminants were not being dispersed from the septic tank and no further action was recommended.

6.3.8 Navy Hazardous Waste Closure-Winter Harbor and Corea Sites, LQG #ME4170024539 (Schoodic) and #ME 5000000034 (Corea)

A site visit/Inspection was conducted on April 25, 2002 for the purpose of addressing hazardous waste satellite accumulation and 90-day storage areas at the sites. Following the inspections, MEDEP stated no further issues remained at the Corea site.

6.3.9 Re-Sampling of Stream Site at NSGA Corea, Maine, October 22, 2003, Sebago Technics, Inc.

Five sets of surface water point sources along a small unlined drainage ditch surrounding the area of Building 85 were collected and analyzed for copper and zinc. One set was filtered and the other set was not filtered. Only one sample filtered and non-filtered exceeded the corresponding ambient water quality criteria (AWQC) for zinc.

6.3.10 Findings of Suitability to Transfer (FOST), November 10, 2005

This FOST reiterated the mitigation and current condition of the asbestos, lead paint, pesticides, radon, storage tanks, water and wastewater that were previously mentioned in the FESAR. No additional information was revealed in this document. The primary purpose of the report was to document the transfer of 40.47 acres that included the building 85 complex, building 153 complex, the Wullenweber CDAA, and three easements to the University of Maine for future use as an aquaculture and marine facility.

6.3.11 RCRA Notifications Request for Change

During the file review, CEG encountered a Request for Change (RCRA Notifications) form indicating the Corea Site was no longer a RCRA generator as a result of the facility closure status as of May 17, 2013.

6.4 Potential Off-Site Sources

All documented spill reports in the vicinity of the Subject Property are located greater than 0.5 miles from the Subject Property. CEG has determined that these spill sites, off-site registered USTs, and other federal and state sites identified by the EDR database do not pose a risk to the Subject Property due to their location down-gradient of the Subject Property, distance from the Subject Property, and or adequate clean-up of releases that were conducted to MEDEP specifications to mitigate any potential off-site impacts.

7.0 INTERVIEWS

7.1 Interviews with Past and Present Owners and Occupants

CEG contacted Kevin Barbee, former naval engineer of the facility and Phillip Church, former naval maintenance supervisor of the facility. Information obtained from these individuals is referenced in the appropriate sections of this report.

7.2 Interviews with State and Local Officials

CEG contacted the following town officials: Mr. Edward Brackett, Code Enforcement Officer; Fire Chief Gary Gravel; Tatum McLean, Health Officer; and Yvonne Wilkinson, Town Manager. CEG also contacted Nick Hodgkins and Wilkes Harper, of the MEDEP, for additional information. Any pertinent information obtained from these individuals is described in the report and referenced.

8.0 Sensitive Receptors

8.1 Human Receptors

Humans have the potential to be impacted by contaminants in the soil, groundwater, and air through dermal contact, ingestions, and inhalation. Soil contact may occur as a result of tracking surface contaminants and handling excavated soils. Groundwater exposure may occur through its use as a drinking water supply. Inhalation of contaminants could be the result of volatilization during soil disturbances, showering, and impacts to indoor air quality through vapor intrusion.

8.2 Ecological Receptors

The fauna and flora associated with the Heath, the unnamed stream, and Prospect Harbor could be potentially impacted by contaminants in soils and groundwater through surface runoff and groundwater seepage. Any contaminant migration to the bedrock groundwater aquifer could potentially impact drinking water on-site and/or water supply wells in the vicinity of the subject Property.

9.0 FINDINGS AND OPINIONS

Recognized Environmental Conditions (REC) is defined as: “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 a property or into the ground, groundwater, or surface water of the property”. RECs are further subdivided to include controlled and historical. CEG has outlined various conditions in the following sections.

9.1 Historical Recognized Environmental Conditions (HRECs)

ASTM defines a Historical Recognized Environmental Conditions (HRECs) as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place without subjecting the *property* to any required controls, property use restrictions, activity and use limitations, institutional controls, or engineering controls.” CEG has interpreted this to also include implied “no further action” as an equivalent, if no documentation exists.

1. According to spill report # **B-326-1992**, approximately 15 gallons of diesel fuel was released from a 8,000-gallon tank near Building 85 during an overfill. Approximately 1.5 cubic yards of impacted backfill material that was sprayed by the release was excavated and remediated by aeration. MEDEP required no further action. CEG assumes the material excavated was based on visual observation since no PID screening results for VOCs or any laboratory analysis was discussed in the spill report. The spill report did not indicate any follow up screening of the aerated material.
2. According to spill report # **B-39-1993**, approximately 20 gallons of diesel fuel leaked from an unidentified location within the Corea site. Impacted soil within a five foot by five foot square area was excavated and spread for aeration. MEDEP required no further action. CEG assumes the excavated material was based on visual observations since no PID screening results for VOCs or any laboratory analysis was discussed in the spill report. The spill report did not indicate any follow up screening of the aerated material.
3. According to spill report # **B-6-1995**, approximately 25 gallons of diesel fuel was released from an unidentified tank overfill. Clean-up consisted of using sorbent material. MEDEP required no further action. CEG assumes the release was contained with no release to soils via floor drains or other discharge structures.

9.2 Controlled Recognized Environmental Conditions (CRECs)

ASTM defines a CRECs as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).” CEG has interpreted this definition to include RECs that have been addressed to the best manageable practice feasible for the site whether a required control is in place or not.

1. Testing of various water supply wells throughout the site has identified a variety of parameters not suitable for potability without proper treatment. The most unique contaminant encountered in the groundwater was gross alpha radioactivity that was determined to be naturally occurring. Historically and currently the Subject Property has no known potable drinking water source. Obtaining potable water or treating the existing groundwater could prove costly.
2. Based on soil and bedrock groundwater sampling of the Building 85 leachfield during the FESAR, elevated concentrations of manganese above the MEG was detected. Other than disclosing the information to future property owners, no further action was recommended.
3. Based on overburden groundwater from the Building 153 leachfield during the FESAR, select metal concentrations exceeded corresponding MEGs. Other than disclosing the information to future property owners, no further action was recommended.

9.3 Recognized Environmental Conditions (RECs)

The following potential RECs have been identified by CEG through review of federal, state and local records, observations during the site reconnaissance, and interviews with knowledgeable persons.

1. Large areas within the Wullenweber CDAA contained no or little plant life. This may be related to a geotextile fabric that may underlay the surface. Torn portions of this fabric were observed in select areas of the Wullenweber CDAA. Although some areas of the Wullenweber CDAA had been disturbed and no fabric or plants were visible in these areas. According to personnel that described the rate and frequency of herbicide application, the amount of potential herbicide application ranged from a low of 3,250 gallons to a maximum of 120,000 gallons over the operational life of the Wullenweber CDAA.
2. The presence of broken fluorescent light bulbs particularly in Building #85 may have resulted in the release of mercury to the floors and walls.

3. There is a potential for petroleum releases related to the abandoned fuel oil UST located adjacent to Building #85. In addition, CEG was not certain that the 8,000-gallon diesel fuel UST had been removed.
4. The pesticide mixing area west of Building #103 has not been tested for herbicides or pesticides.
5. The floor drain located in Building #156 should be traced and its discharge or residue within the exposed drain may contain residual levels of contaminants. According to Phillip Church, Building #156 was a location for significant solvent use. If releases occurred they would likely have been discharged to the floor drain.
6. Asbestos was confirmed in select samples of the floor tile and mastic of Buildings 85 during a 1992 inspection. The material was not friable at the time of testing and did not pose a threat; however, the condition of the building interior has drastically deteriorated and the Asbestos containing material (ACM) should be again evaluated.
7. Lead paint was verified on the exterior of Building 85 during a 1996 inspection and assumed to be in the interior of many of the buildings as well. The paint is significantly chipping with large sections completely peeled from the walls, doors, and other surfaces. Chipping paint could potentially impact surface soils and come in contact with humans through dermal, ingestion, and inhalation exposure routes.
8. Based on the documented construction dates for Building 85 (1961) and Building #103 (1965), there is a potential that PCB impacted building material, such as caulk, maybe present. The use of PCBs in caulk used for windows sealants and masonry joints occurred primarily between the years 1950 and 1980. PCBs were banned in the United States in 1979. The presence of PCB caulk could potentially impact indoor air quality and may be an issue if the building is to be demolished and disposed off-site.

10.0 CONCLUSIONS AND RECOMENDATION

A significant number of potential RECs were historically identified during previous investigations, but those RECs were evaluated during subsequent Phase II ESAs. It was determined that there were no significant threats to human health or the environment. Some issues, however, were identified that could be successfully managed. These included the natural condition of the groundwater, lead paint in select buildings, and asbestos in other areas. In the last few years, however, the condition of the Subject Property has been significantly degraded due to neglect and vandalism. Conditions within the buildings have changed significantly and now some of the issues that were not considered to be health threats should be re-evaluated. This includes the condition of lead paint, open manholes that serve as significant safety hazards, and asbestos. Identified recognized environmental conditions at the Subject Property include:

REC#1: Lead paint was verified on the exterior of Building 85 during a 1996 inspection and assumed to be in the interior of many of the buildings as well. The paint is significantly chipping with large sections completely peeled from the walls, doors, and other surfaces.

REC#2: There are large areas within the Wullenweber CDAA that contain no plant life. The cause of this could be related to geotextile located directly below the surface, excessive amounts of herbicides, or another unrelated reason.

REC#3: Potential fuel spills related to the abandoned #2 fuel oil UST southeast of Building #85. In addition CEG is not certain that the adjacent 8,000-gallon diesel fuel UST has been removed.

REC#4: The presence of broken fluorescent light bulbs particularly in Building #85 may have resulted in the release of mercury to the floors and walls.

REC#5: The pesticide mixing area west of Building #103 has not been tested for herbicides or pesticides.

REC#6: There is a floor drain located in Building #156 that has an unknown discharge point. A significant amount of solvents were used in this building and if releases occurred it is likely that they were discharged to the floor drain and its discharge point.

REC#7: Asbestos was detected in Building #85 and should be reevaluated to determine if the condition of the floor has deteriorated enough to be considered friable.

REC#8: There is a likelihood that PCB containing caulk exists in Buildings 85 and 103 based on the construction date of these buildings.

CEG recommends that these RECs be assessed as part of a Phase II ESA.

11.0 DEVIATIONS AND DATA GAP ANALYSIS

Limitations during the site reconnaissance consist of the following:

- There were portions of Building #85 interior that could not be accessed due to the amount of solid waste piled on the ground and a confined space that was located in Building #229. CEG does not believe that this constitutes a significant data gap and they are not considered to be a REC.

12.0 ADDITIONAL SERVICES

No additional services related to this project have been contracted for between CEG and HCPC.

13.0 REFERENCES

Published referenced sources relied upon in the production of this Phase I ESA have been appropriately annotated within the text of this report. Additionally, the majority of referenced material has been included in the appendices of this report.

14.0 SIGNATURE AND QUALIFICATIONS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the Subject Properties. We have performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Danica Wallace
Senior Geologist



Richard B. Campbell
Maine Certified Geologist
President

Appendix A
Figures

Figure 1
Town of Gouldsboro Tax Map 42

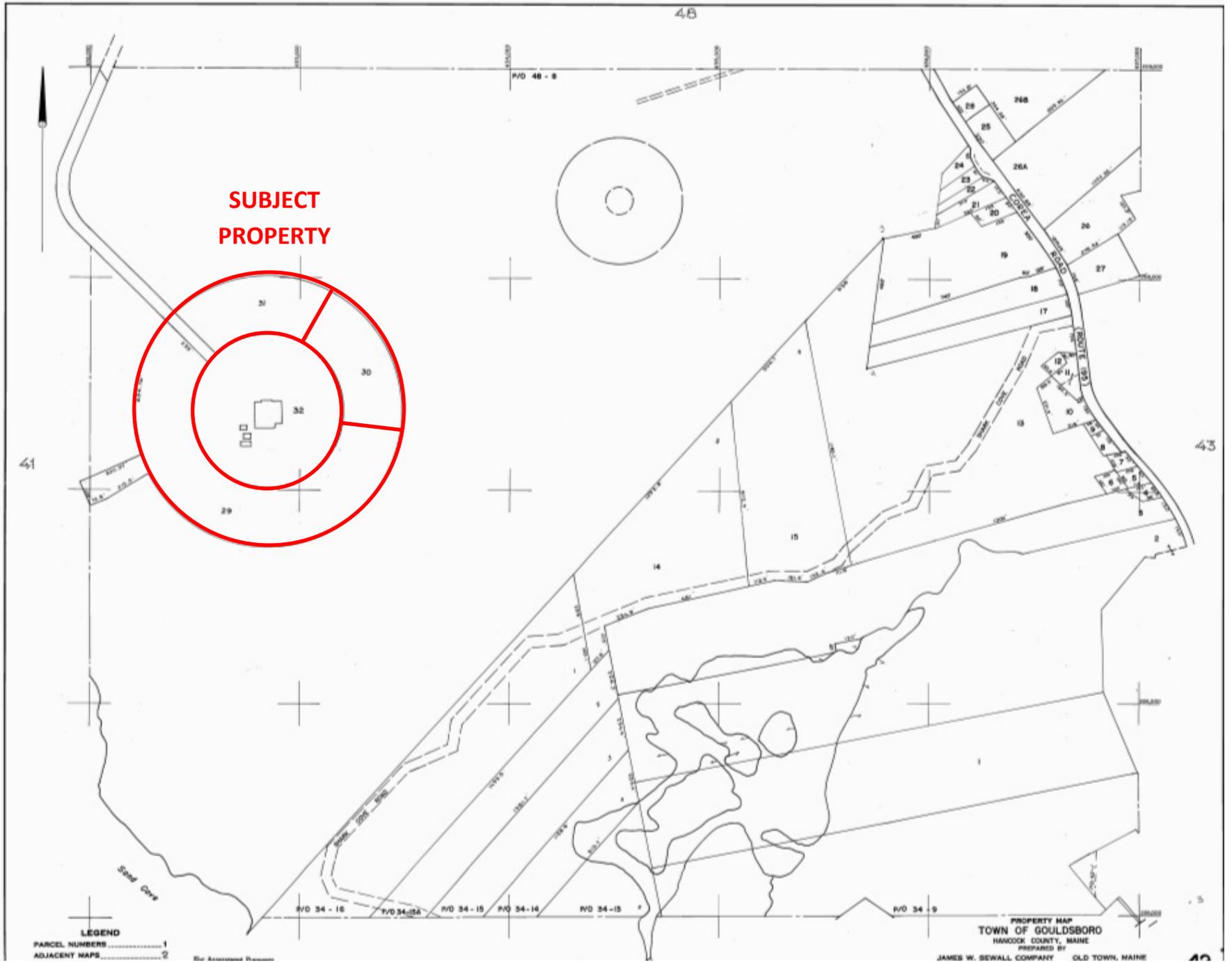


Figure 2
Boundary Survey for Land of Acadia Capital Corporation

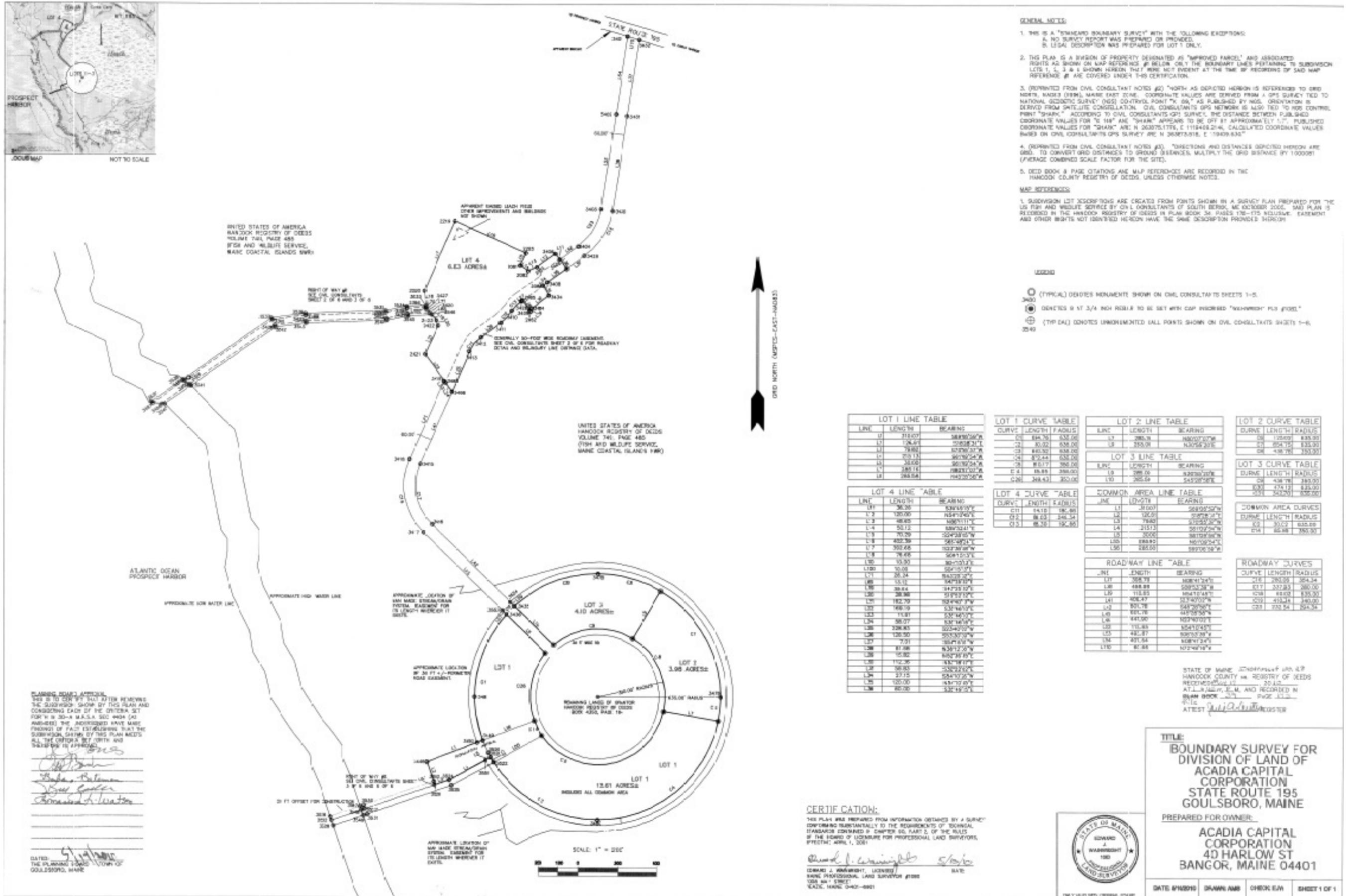
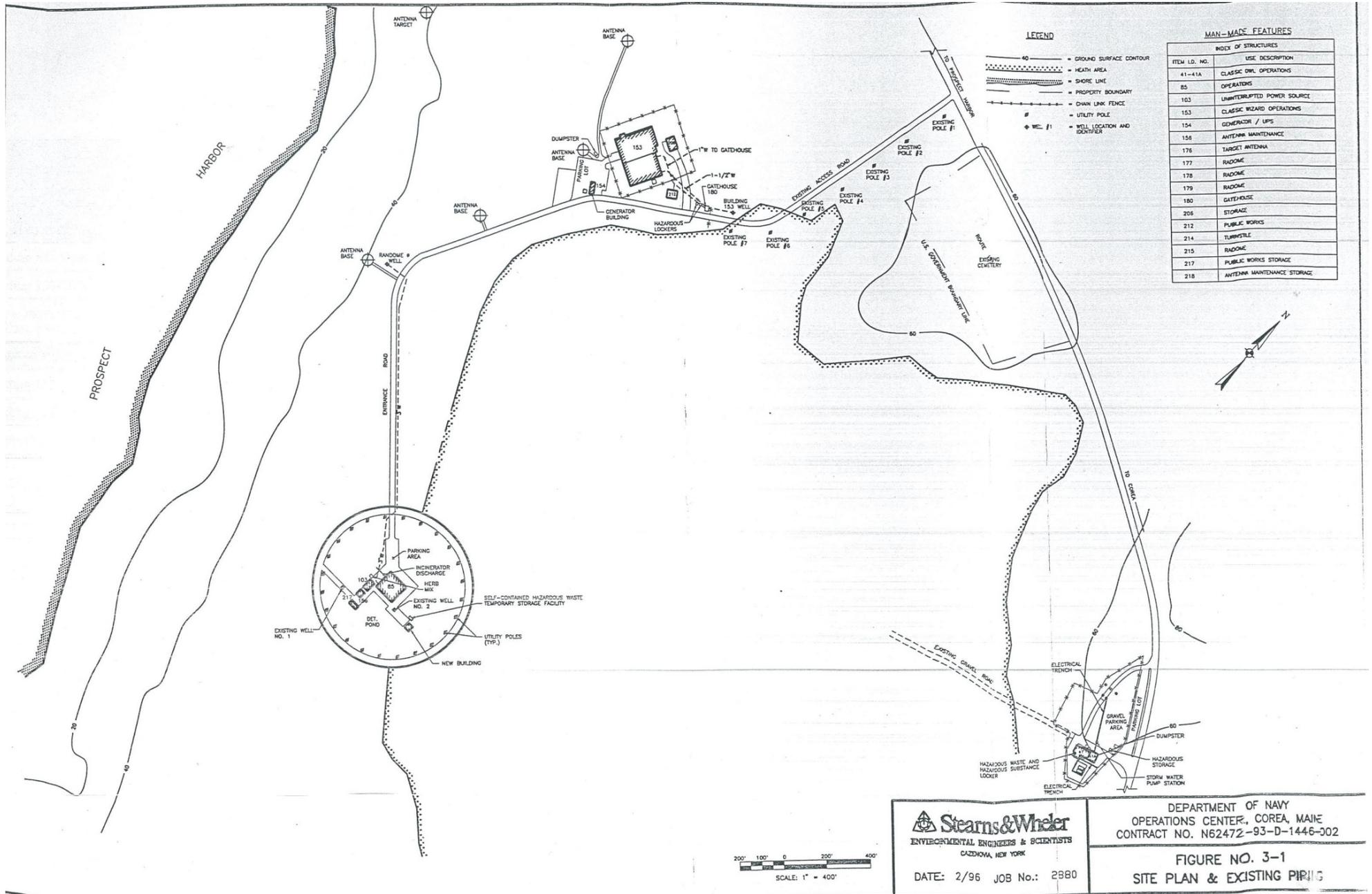


Figure 3
1996 Site Plan by Stearns & Wheeler



Stearns & Wheeler
ENVIRONMENTAL ENGINEERS & SCIENTISTS
CAZDENA, NEW YORK

DATE: 2/96 JOB No.: 2880

DEPARTMENT OF NAVY
OPERATIONS CENTER, COREA, MAINE
CONTRACT NO. N62472-93-D-1446-302

FIGURE NO. 3-1
SITE PLAN & EXISTING PIRING

Figure 4

Site Plan

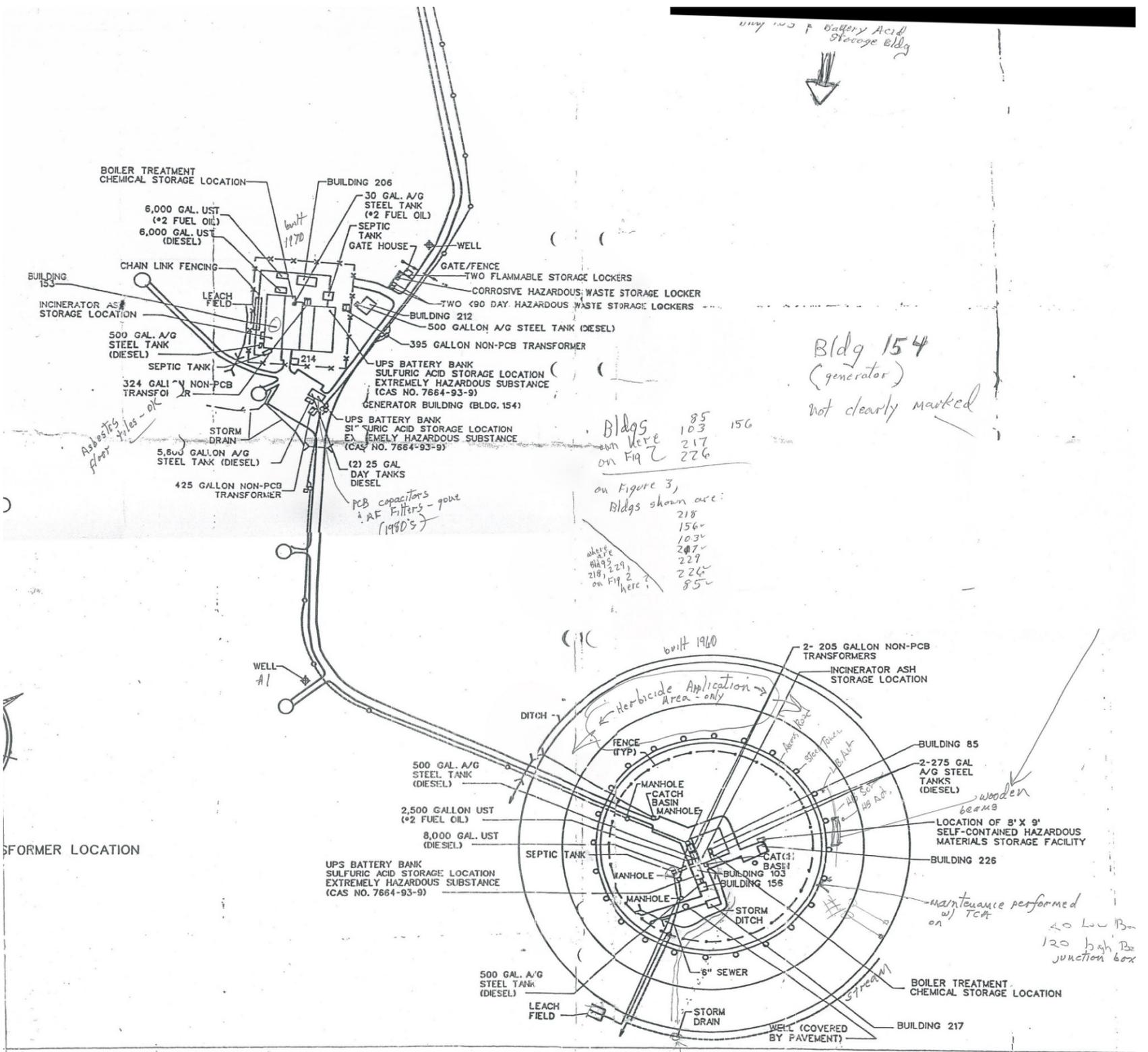


Figure 5

Detail of Wullenweber CDAA and Building Complex 85

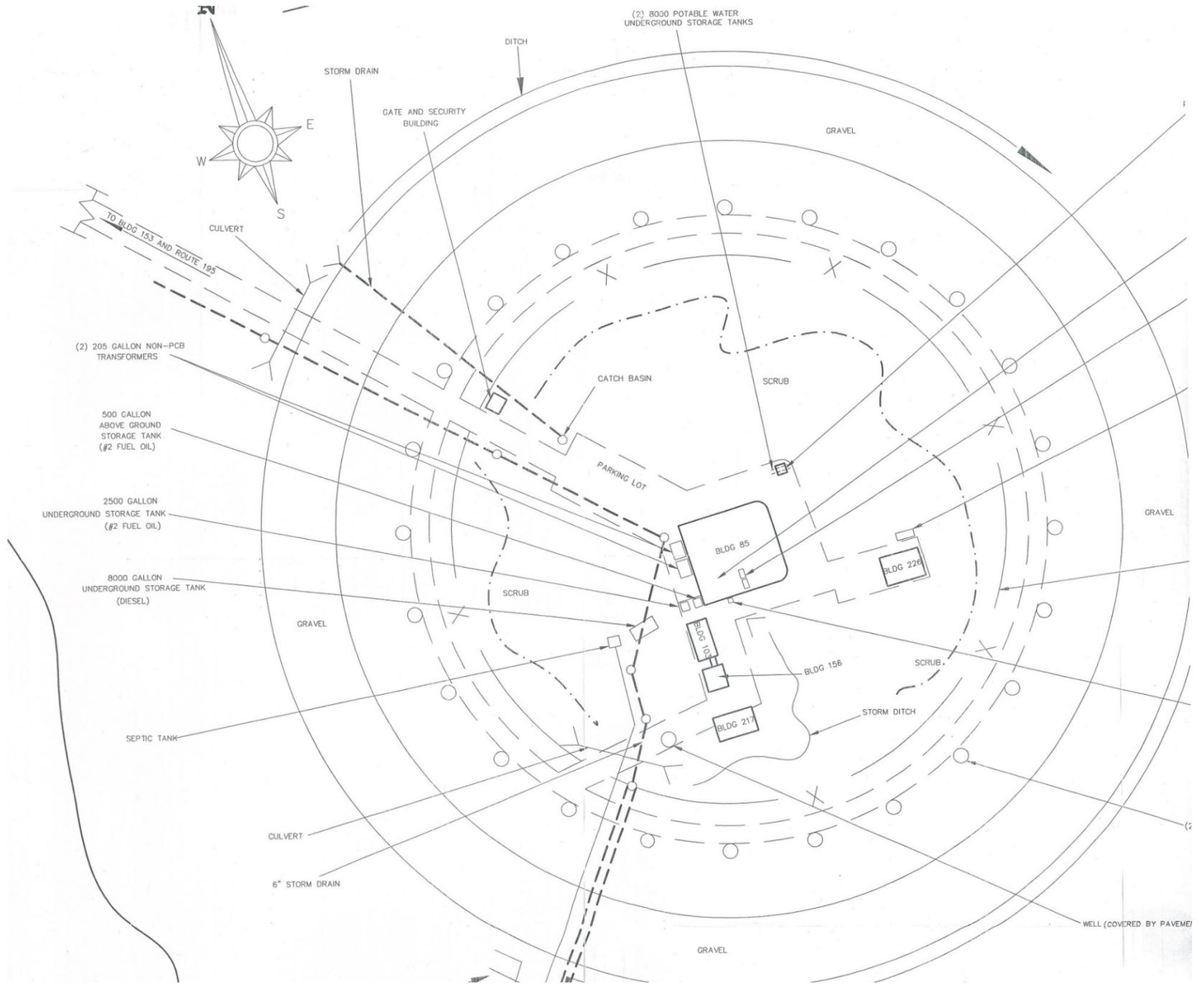


Figure 6
FEMA Flood Map



Appendix B
Photographs



Photograph 1 Buildings #217, #156, and #103 from left to right. Looking west.



Photograph 2 Interior of Building #85.



Photograph 3 Interior of Buildings #217.



Photograph 4 Exterior of Building #217.



Photograph 5: Interior of Buildings #85.



Photograph 6 Interior of Building #85.



Photograph 7 Wellenweber CDAA vegetation.



Photograph 8 Wellenweber CDAA wire, geotextile and surface soil



Photographs 9 &10 Interior of Building #85 same location in 2010 and 2015!



Photograph 11 Floor drain in Building #156 looking southeast.

Appendix C
ASTM Questionnaire

**Phase I Environmental Site Assessments
ASTM E-1527-13, Section 6
Appendix X3 User Questionnaire**

User Questions		
1	Are you aware of any environmental cleanup liens against the <i>property</i> that are filed or recorded under federal, tribal, state or local law?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>
2	Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>
3	As the <i>user</i> of this ESA do you have any specialized knowledge or experience related to the <i>property</i> 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 <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>
4	Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	Yes <input checked="" type="radio"/> No <input type="radio"/> Unk <input type="radio"/>
5	a) Do you know the past uses of the property?	Yes <input checked="" type="radio"/> No <input type="radio"/> Unk <input type="radio"/>
	b) Do you know of specific chemicals that are present or once were present on the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>
	c) Do you know of spills or other chemical releases that have taken place at the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>
	d) Do you know of any environmental cleanups that have taken place at the property?	Yes <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>
6	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 <input type="radio"/> No <input checked="" type="radio"/> Unk <input type="radio"/>

Kathy Barber
6/18/2015

**ASTM E-1527-05 Standard for Environmental Site Assessments:
Transaction Screen Process**

	Question	Owner			Occupant			Site Visit	
1a	Is the property used for industrial use?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
1b	Is any adjoining property used for an industrial use?	Yes	No	Unk	Yes	No	Unk	Yes	No X
2a	Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
2b	Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
3a	Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing or recycling facility?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
3b	Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing or recycling facility?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
4a	Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
4b	Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
5a	Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal in volume or 50 gal in the aggregate, stored on or used at the property or at the facility?	Yes	No X	Unk	Yes	No	Unk	Yes	No X

Question		Owner			Occupant			Site Visit	
5b	Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal in volume or 50 gal in the aggregate, stored on or used at the property or at the facility?	Yes X	No	Unk	Yes	No	Unk	Yes X	No
6a	Are there currently any industrial drums or sacks of chemical located on the property or at the facility?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
6b	Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums or sacks of chemical located on the property or at the facility?	Yes X	No	Unk	Yes	No	Unk	Yes X	No
7a	Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
7b	Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes X	No	Unk	Yes	No	Unk	Yes X	No
8a	Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes	No	Unk X	Yes	No	Unk	Yes	No X
8b	Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
9a	Is there currently any stained soil on the property?	Yes	No	Unk X	Yes	No	Unk	Yes X	No
9b	Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes	No X	Unk	Yes	No	Unk	Yes X	No
10a	Are there currently any registered or unregistered storage tanks located on the property?	Yes X	No	Unk	Yes	No	Unk	Yes X	No
10b	Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks located on the property?	Yes X	No	Unk	Yes	No	Unk	Yes X	No

Question		Owner			Occupant			Site Visit	
11a	Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk X	Yes	No	Unk	Yes X	No
11b	Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk X	Yes	No	Unk	Yes X	No
12a	Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
12b	Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spill, or staining by substances other than water, or foul odors, associated with any flooring drains, wall, ceilings or exposed grounds on the property?	Yes	No X	Unk	Yes	No	Unk	Yes X	No
13a	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes X	No	Unk	Yes	No	Unk	Yes X	No
13b	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental /health agency?	Yes X	No	Unk	Yes	No	Unk	Yes X	No
14	Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes	No X	Unk	Yes	No	Unk		
15a	Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes X	No	Unk	Yes	No	Unk		

Question		Owner			Occupant			Site Visit	
15b	Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes	No	Unk X	Yes	No	Unk		
15c	Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes X	No	Unk	Yes	No	Unk		
15d	Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes	No X	Unk	Yes	No	Unk		
16	Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes	No X	Unk	Yes	No	Unk		
17	Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes	No X	Unk	Yes	No	Unk		
18a	Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a stormwater system?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
18b	Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
19	Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes	No X	Unk	Yes	No	Unk	Yes	No X
20	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes	No X	Unk	Yes	No	Unk	Yes	No X

Government Records/Historical Sources Inquiry

21 Do any of the following Federal government record systems list the property or any property within the search distance noted below:

Federal NPL site list
Federal CERCLIS list
Federal CERCLIS NFRAP site list
Federal RCRA CORRACTS facilities list
Federal RCRA non-CORRACTS TSD list
Federal RCRA generators list
Federal ERNS list

22 Do any of the following state record

State-equivalent NPL
State-equivalent CERCLIS
State landfill and/or solid waste disposal site lists
State leaking UST lists
State registered UST lists

23 Based upon a review of fire insurance maps 10.3.1.3 or consultation with the local fire department serving the property, all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?

Yes

The preparer of the transaction screen questionnaire must complete and sign the following.

The *Owner* questionnaire was completed by:

Name: Kitty Barbee
Title: Deputy director, Business & Economic Development
Firm: Eastern Maine Development Corporation
Address: 40 Harlow Street, Bangor, ME 04401
Phone Number: (207) 974-3237
Date: 6/18/2015
Preparer's relationship to site:
Preparer's relationship to user:

The Occupant questionnaire was completed by: Not Applicable/Vacant

Name:
Title:
Firm:
Address:
Phone Number:
Date:
Preparer's relationship to site:
Preparer's relationship to user:

The *Site Visit* questionnaire was completed by:

Name: Richard Campbell
Title: President
Firm: Campbell Environmental Group, Inc.
Address: 173 Gray Road, Falmouth, ME
Phone Number: (207) 253-1990
Date: 5/14/2015
Preparer's relationship to site:
Preparer's relationship to user:

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

Name: Richard Campbell
Title: President
Firm: Campbell Environmental Group, Inc.
Address: 173 Gray Road, Falmouth, ME 04105
Phone Number: (207) 253-1990
Date: 6/23/2015

Preparer's relationship to site:
Preparer's relationship to user:

If the preparer is different from the user, complete the following:

Name of User:
User's Address:
User's Phone Number:
User's relationship to site:

Copies of the completed questionnaires have been filed at:

Copies are included in this report.

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

Copies are included in this report

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

Signature



Date: 6/23/2015

**ASTM E-1527-05 Standard for Environmental Site Assessments:
Transaction Screen Process**

	Question	Owner			Occupant			Site Visit	
		Yes	No	Unk	Yes	No	Unk	Yes	No
1a	Is the property used for industrial use?	Yes	No	Unk	Yes	No	Unk	Yes	No
1b	Is any adjoining property used for an industrial use?	Yes	No	Unk	Yes	No	Unk	Yes	No
2a	Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	Yes	No	Unk	Yes	No	Unk	Yes	No
2b	Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	Yes	No	Unk	Yes	No	Unk	Yes	No
3a	Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing or recycling facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
3b	Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing or recycling facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
4a	Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
4b	Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
5a	Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal in volume or 50 gal in the aggregate, stored on or used at the property or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No

Question		Owner			Occupant			Site Visit	
5b	Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal in volume or 50 gal in the aggregate, stored on or used at the property or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
6a	Are there currently any industrial drums or sacks of chemical located on the property or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
6b	Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums or sacks of chemical located on the property or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No
7a	Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	Yes	No	Unk	Yes	No	Unk	Yes	No
7b	Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes	No	Unk	Yes	No	Unk	Yes	No
8a	Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No
8b	Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No
9a	Is there currently any stained soil on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
9b	Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
10a	Are there currently any registered or unregistered storage tanks located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
10b	Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No

Question		Owner			Occupant			Site Visit	
11a	Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
11b	Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
12a	Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
12b	Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spill, or staining by substances other than water, or foul odors, associated with any flooring drains, wall, ceilings or exposed grounds on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No
13a	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes	No	Unk	Yes	No	Unk	Yes	No
13b	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental /health agency?	Yes	No	Unk	Yes	No	Unk	Yes	No
14	Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk		
15a	Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk		

Question		Owner			Occupant			Site Visit	
15b	Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes	<u>No</u>	Unk	Yes	No	Unk		
15c	Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes	<u>No</u>	Unk	Yes	No	Unk		
15d	Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes	<u>No</u>	Unk	Yes	No	Unk		
16	Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes	<u>No</u>	Unk	Yes	No	Unk		
17	Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes	<u>No</u>	Unk	Yes	No	Unk		
18a	Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a stormwater system?	Yes	No	<u>Unk</u>	Yes	No	Unk	Yes	No
18b	Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes	No	<u>Unk</u>	Yes	No	Unk	Yes	No
19	Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes	No	<u>Unk</u>	Yes	No	Unk	Yes	No
20	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes	<u>No</u>	Unk	Yes	No	Unk	Yes	No

The questionnaire was completed by:

Name: Kim Kenway

Title: President

Firm: Gouldsboro Solar

Address: 54 Richardson St, Portland, Maine

Phone Number: 207-831-3239

Date: #####

Preparer's relationship to site:

Preparer's relationship to user:

4/14/15
Officer of site owner
same

Signature

Humbert E Jewway

Date:

4/14/15

**Phase I Environmental Site Assessments
ASTM E-1527-13, Section 6
Appendix X3 User Questionnaire**

User Questions		
1	Are you aware of any environmental cleanup liens against the <i>property</i> that are filed or recorded under federal, tribal, state or local law?	Yes No Unk
2	Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	Yes No Unk
3	As the <i>user</i> of this ESA do you have any specialized knowledge or experience related to the <i>property</i> 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 Unk
4	Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	Yes No Unk
5	a) Do you know the past uses of the property? b) Do you know of specific chemicals that are present or once were present on the property? c) Do you know of spills or other chemical releases that have taken place at the property? d) Do you know of any environmental cleanups that have taken place at the property?	Yes No Unk Yes No Unk Yes No Unk Yes No Unk
6	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 Unk

Title: President

Firm: Gouldsboro Solar

Address: 54 Richardson St, Portland, Maine

Phone Number: 207-831-3239

Date: 4/14/15

Preparer's relationship to site: officer of site owner

Preparer's relationship to user: same

Signature



Date:

4/14/15

Appendix D

EDR Aerial Photographs

EDR Historical Topographic Maps

Sanborn Maps

City Directories



Maine Halibut

Acadia Circle
Corea, ME 04624

Inquiry Number: 4194429.9

January 30, 2015

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

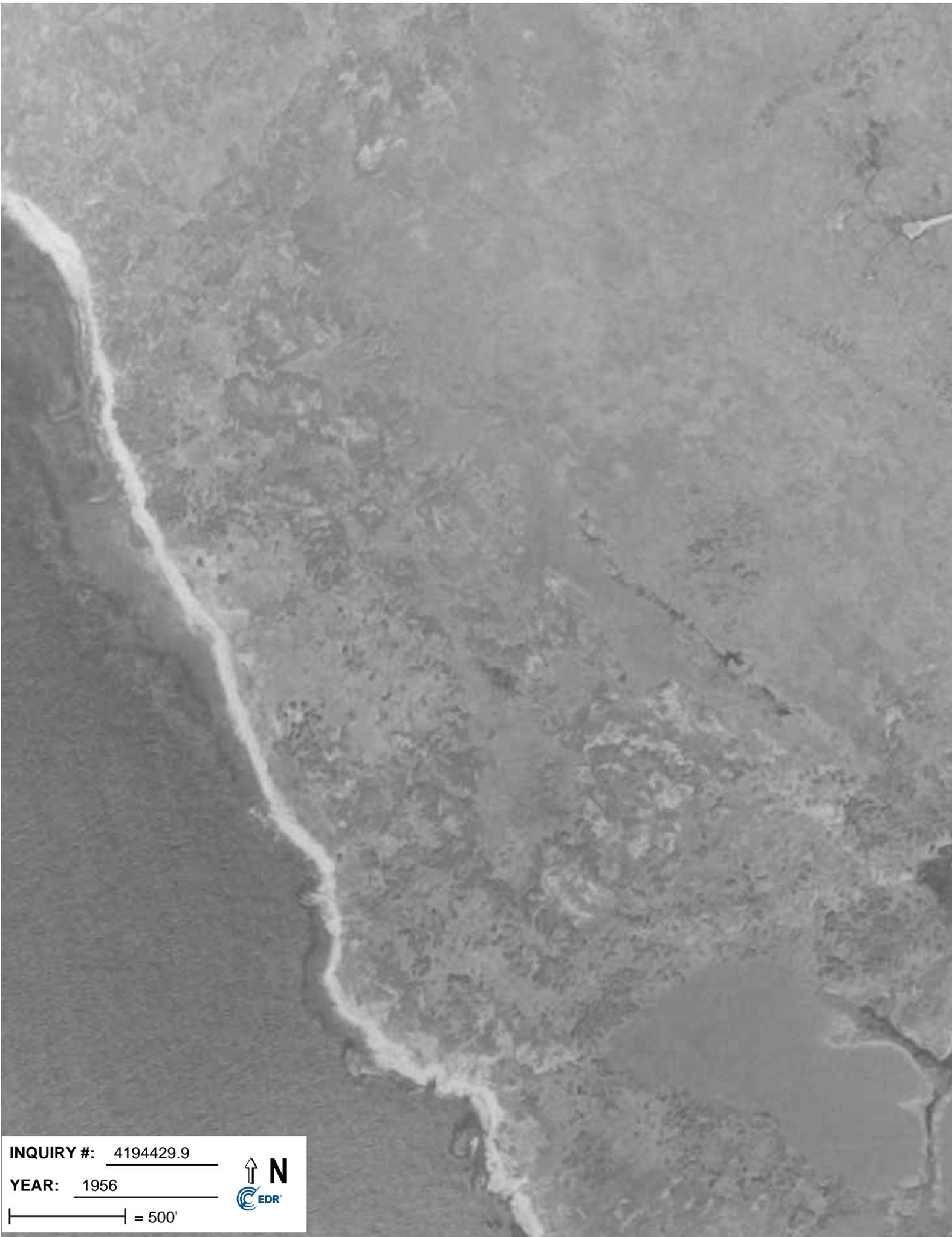
Aerial Photography January 30, 2015

Target Property:

Acadia Circle

Corea, ME 04624

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1956	Aerial Photograph. Scale: 1"=500'	Flight Date: May 07, 1956	EDR
1976	Aerial Photograph. Scale: 1"=500'	Flight Date: May 10, 1976	EDR
1991	Aerial Photograph. Scale: 1"=750'	Flight Date: June 09, 1991	EDR
1996	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: May 16, 1996	USGS/DOQQ
1996	Aerial Photograph. Scale: 1"=500'	Flight Date: May 16, 1996	USGS
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2007	Aerial Photograph. Scale: 1"=500'	Flight Year: 2007	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2011	Aerial Photograph. Scale: 1"=500'	Flight Year: 2011	USDA/NAIP



INQUIRY #: 4194429.9

YEAR: 1956

| = 500'



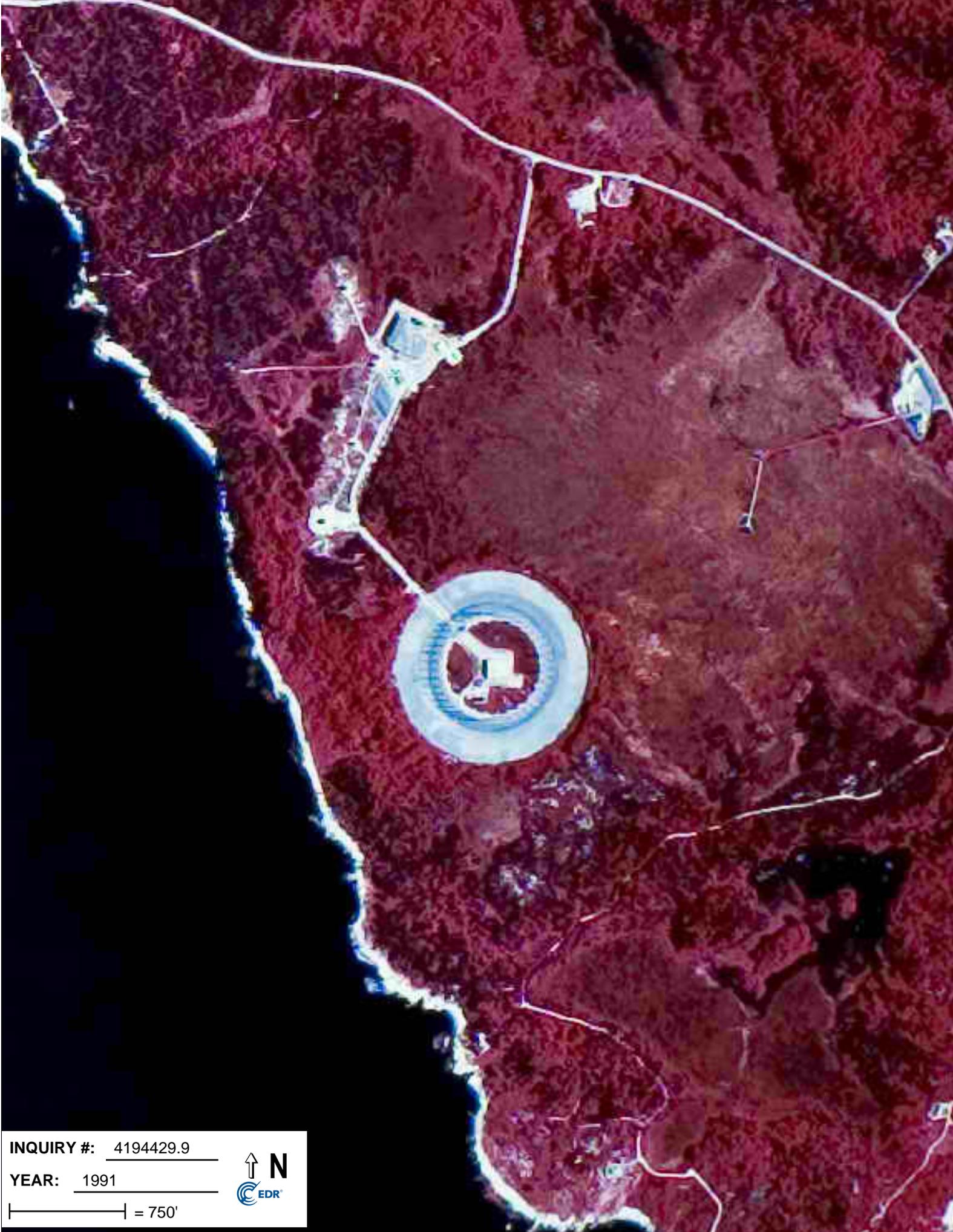


INQUIRY #: 4194429.9

YEAR: 1976

— = 500'





INQUIRY #: 4194429.9

YEAR: 1991

| = 750'





INQUIRY #: 4194429.9

YEAR: 1996

| = 500'





INQUIRY #: 4194429.9

YEAR: 1996

| = 500'





INQUIRY #: 4194429.9

YEAR: 2006

 = 500'





INQUIRY #: 4194429.9

YEAR: 2007

| = 500'





INQUIRY #: 4194429.9

YEAR: 2009

| = 500'





INQUIRY #: 4194429.9

YEAR: 2011

| = 500'





INQUIRY #: 4194429.9

YEAR: 2009

| = 500'





INQUIRY #: 4194429.9

YEAR: 2011

| = 500'





Maine Halibut

Acadia Circle
Corea, ME 04624

Inquiry Number: 4194429.4

January 29, 2015

EDR Historical Topographic Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

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

Thank you for your business.
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with any questions or comments.

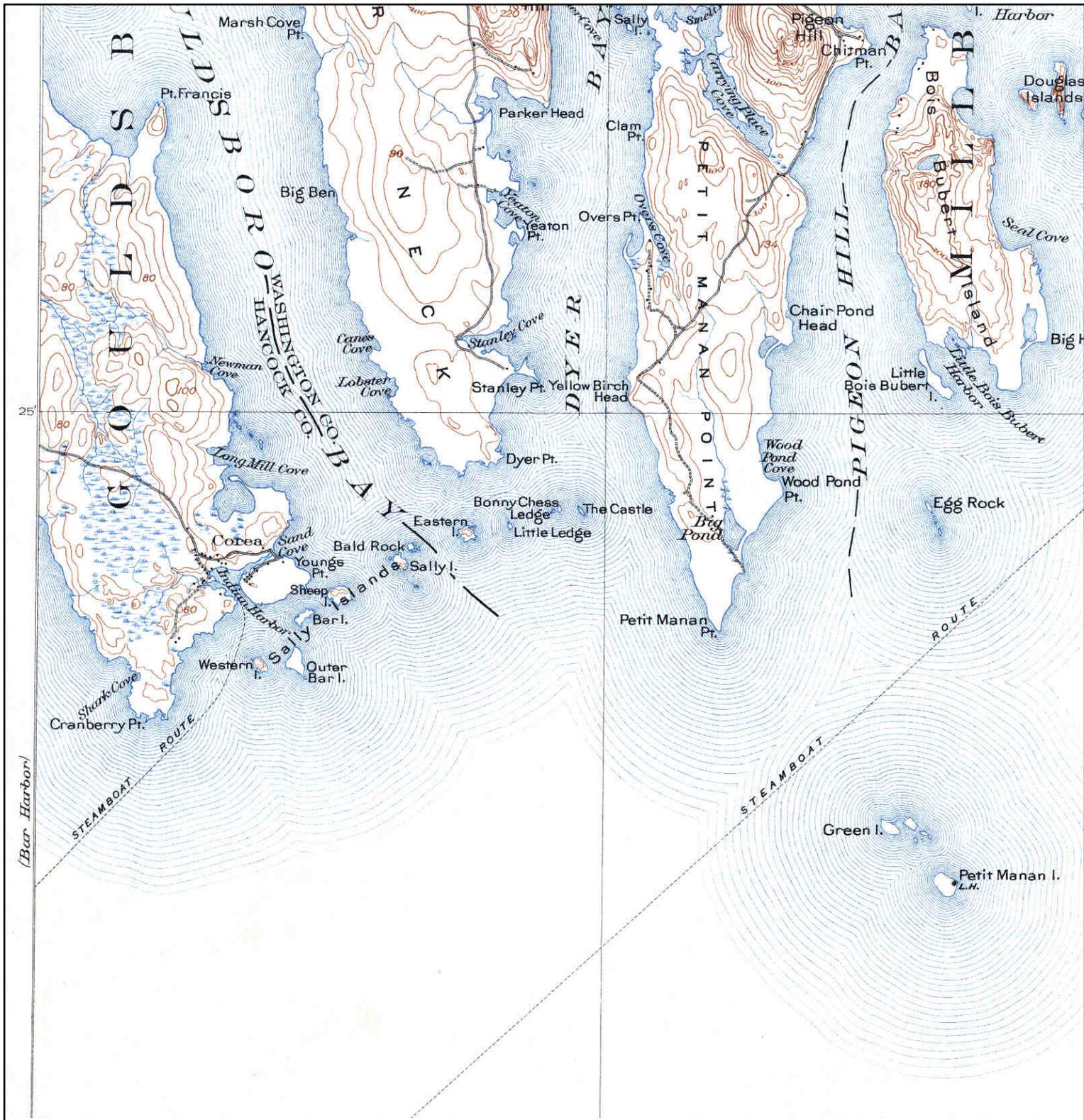
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Historical Topographic Map



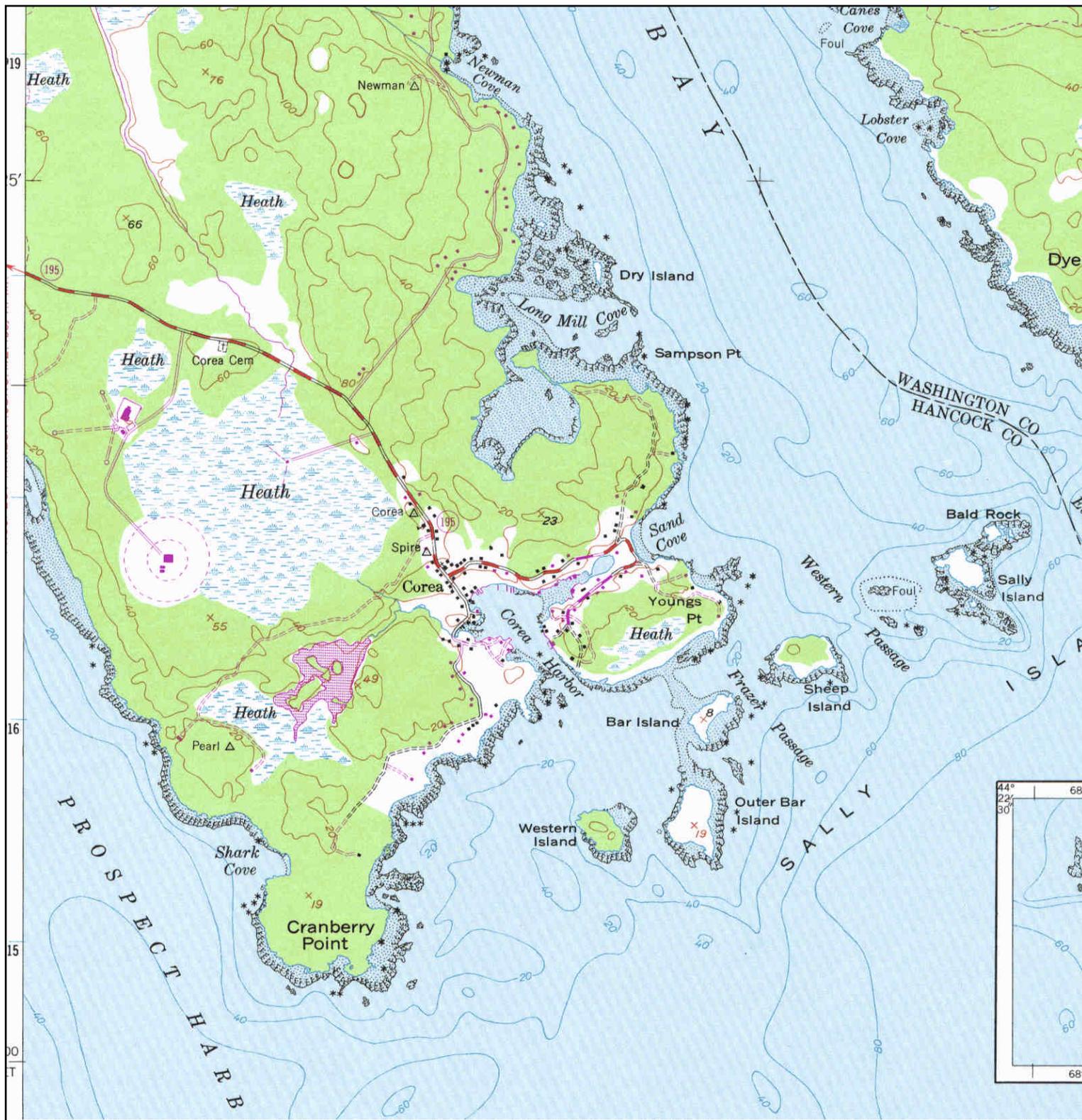
<p>N ↑</p>	<p>TARGET QUAD NAME: PETIT MANAN MAP YEAR: 1904</p>	<p>SITE NAME: Maine Halibut ADDRESS: Acadia Circle Corea, ME 04624 LAT/LONG: 44.4012 / -67.9911</p>	<p>CLIENT: Campbell Environmental Group CONTACT: Danica Wallace INQUIRY#: 4194429.4 RESEARCH DATE: 01/29/2015</p>
	<p>SERIES: 15 SCALE: 1:62500</p>		

Historical Topographic Map



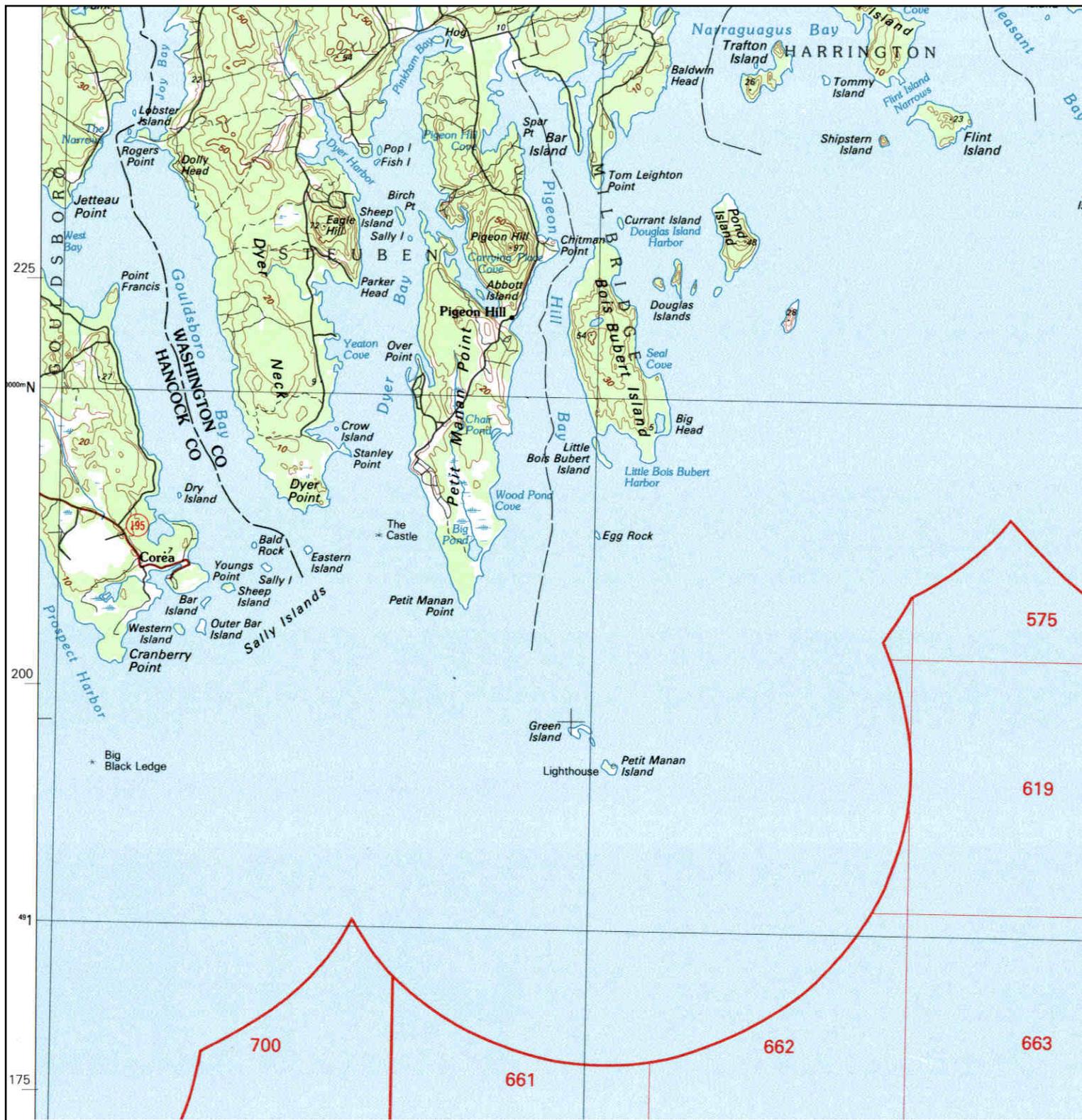
<p>N</p>	<p>TARGET QUAD</p> <p>NAME: PETIT MANAN</p> <p>MAP YEAR: 1950</p>	<p>SITE NAME: Maine Halibut</p> <p>ADDRESS: Acadia Circle</p> <p>Corea, ME 04624</p> <p>LAT/LONG: 44.4012 / -67.9911</p>	<p>CLIENT: Campbell Environmental Group</p> <p>CONTACT: Danica Wallace</p> <p>INQUIRY#: 4194429.4</p> <p>RESEARCH DATE: 01/29/2015</p>
	<p>SERIES: 7.5</p> <p>SCALE: 1:24000</p>		

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME: Maine Halibut	CLIENT: Campbell Environmental Group
	NAME: PETIT MANAN POINT	ADDRESS: Acadia Circle	CONTACT: Danica Wallace
	MAP YEAR: 1977	Corea, ME 04624	INQUIRY#: 4194429.4
	PHOTOREVISED FROM :1948	LAT/LONG: 44.4012 / -67.9911	RESEARCH DATE: 01/29/2015
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME: Maine Halibut	CLIENT: Campbell Environmental Group
	NAME: PETIT MANAN POINT	ADDRESS: Acadia Circle	CONTACT: Danica Wallace
	MAP YEAR: 1989	ADDRESS: Corea, ME 04624	INQUIRY#: 4194429.4
	PHOTOINSPECTED FROM : 1986	LAT/LONG: 44.4012 / -67.9911	RESEARCH DATE: 01/29/2015
	SERIES: 30		
	SCALE: 1:100000		



Maine Halibut

Acadia Circle
Corea, ME 04624

Inquiry Number: 4194429.3

January 29, 2015

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

1/29/15

Site Name:

Maine Halibut
Acadia Circle
Corea, ME 04624

Client Name:

Campbell Environmental Group
173 Gray Rd
Falmouth, ME 04105



EDR Inquiry # 4194429.3

Contact: Danica Wallace

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Campbell Environmental Group were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Maine Halibut
Address: Acadia Circle
City, State, Zip: Corea, ME 04624
Cross Street:
P.O. # 1014-253-00
Project: HCPC Corea
Certification # 05A7-4B81-B66D



Sanborn® Library search results
Certification # 05A7-4B81-B66D

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Maine Halibut

Acadia Circle
Corea, ME 04624

Inquiry Number: 4194429.5
February 25, 2015

The EDR-City Directory Image Report

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EXECUTIVE SUMMARY

DESCRIPTION

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

RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1992	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services

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FINDINGS

TARGET PROPERTY STREET

Acadia Circle
Corea, ME 04624

Year

CD Image

Source

ACADIA CIR

2013	-	Cole Information Services	Street not listed in Source
2008	-	Cole Information Services	Street not listed in Source
2003	-	Cole Information Services	Street not listed in Source
1992	-	Cole Information Services	Street not listed in Source

FINDINGS

CROSS STREETS

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

COREA RD

2013	pg. A2	Cole Information Services
2008	pg. A3	Cole Information Services
2003	pg. A4	Cole Information Services
1992	pg. A5	Cole Information Services

City Directory Images

COREA RD 2013

8	ANDREW HACKETT
18	DALE OFFENBACKER
22	MIRIAM COLWELL
25	HAROLD GRAMSE
29	MARK LUKAS
32	OCCUPANT UNKNOWN
37	OCCUPANT UNKNOWN
64	OCCUPANT UNKNOWN
72	FRANK NICHOLAS
103	CHARLES COLWELL
122	SAMM OSAGE
150	MARLENE MILLER
198	BEN HENSLEIGHT
214	BEN MICHAEL
230	ROBERT SIROIS
235	STANLEY LANDIS
239	DAVID LANDIS
314	DUNCAN STERLING

COREA RD 2008

8	ANDREW HACKETT
18	OCCUPANT UNKNOWN
29	OCCUPANT UNKNOWN
32	OCCUPANT UNKNOWN
64	OCCUPANT UNKNOWN
103	CHARLES COLWELL
230	JEAN SIROIS
235	STANLEY LANDIS
239	DAVID LANDIS
314	DUNCAN STERLING

Target Street

Cross Street

Source

-

✓

Cole Information Services

COREA RD 2003

64	ROLAND CHABOT
103	OCCUPANT UNKNOWN
230	OCCUPANT UNKNOWN

COREA RD 1992

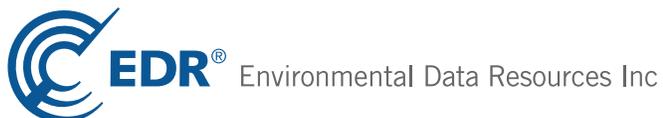
0 COLWELL, CHAS H & PAULA S
HEDGER, ISLAY & JOHN

Appendix E
EDR Radius Report

Maine Halibut
Acadia Circle
Corea, ME 04624

Inquiry Number: 4194429.2s
January 29, 2015

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

ACADIA CIRCLE
HANCOCK County, ME 04624

COORDINATES

Latitude (North): 44.4012000 - 44° 24' 4.32"
Longitude (West): 67.9911000 - 67° 59' 27.96"
Universal Transverse Mercator: Zone 19
UTM X (Meters): 580343.1
UTM Y (Meters): 4916713.0
Elevation: 44 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 44067-D8 PETIT MANAN POINT, ME
Most Recent Revision: 1977

West Map: 44068-D1 WINTER HARBOR, ME
Most Recent Revision: 1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20110725
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
LUCIS..... Land Use Control Information System

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

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

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

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
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
LIENS..... Environmental Liens Information Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Hazardous Material and Oil Spill System Database
SPILLS 80..... SPILLS 80 data from FirstSearch
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites

EXECUTIVE SUMMARY

CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
US MINES.....	Mines Master Index File
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
UIC.....	Underground Injection Control
NPDES.....	Wastewater Facilities Listing
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
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
LEAD SMELTERS.....	Lead Smelter Sites
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH DOE.....	Steam-Electric Plant Operation Data
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank
RGA LF.....	Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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

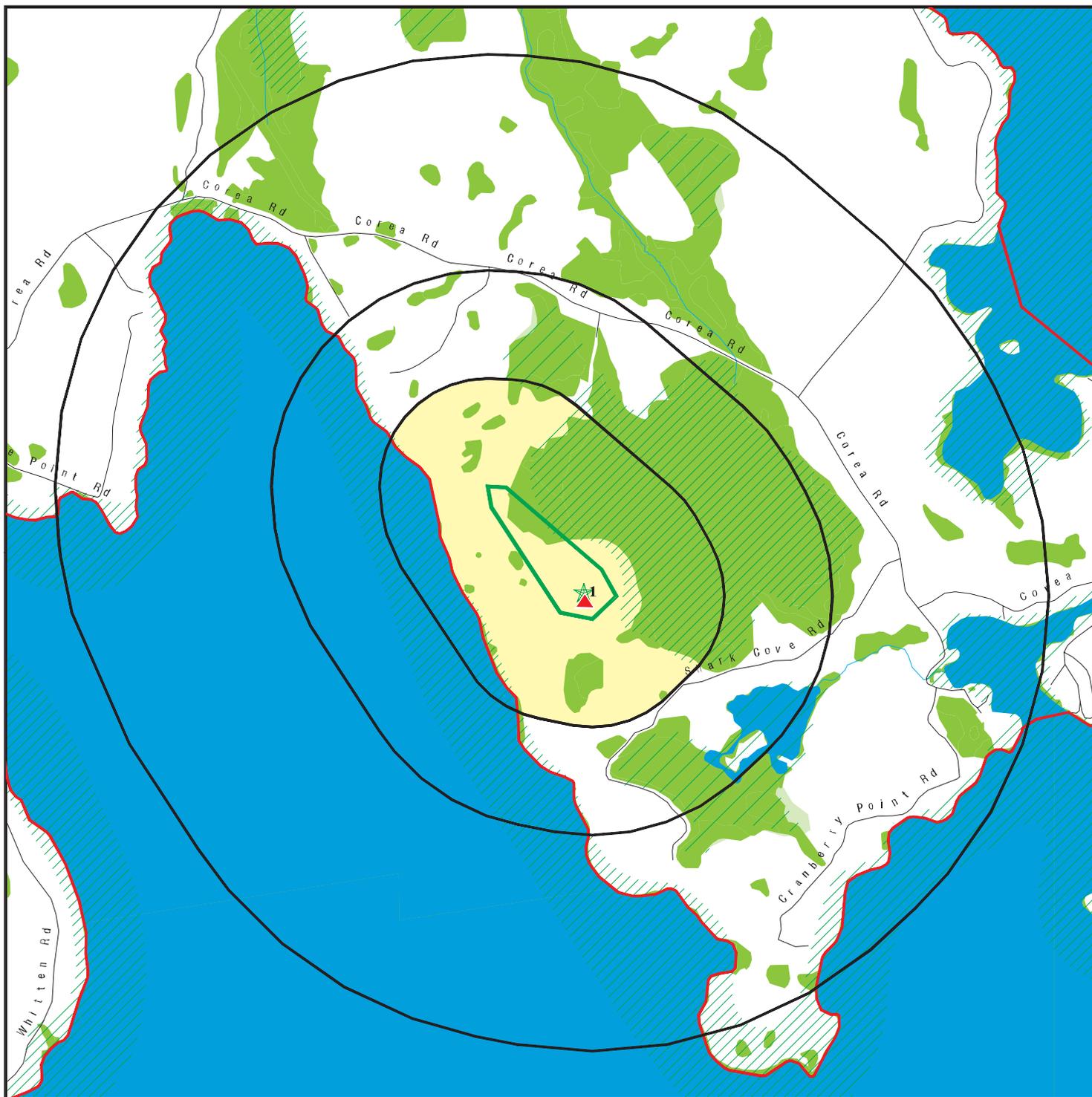
A review of the UST list, as provided by EDR, and dated 11/01/2014 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THE ACADIA CAPITAL CORP COREA	STATE RT 195 VILLAGE OF	0 - 1/8 (0.000 mi.)	1	7

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 4194429.2S



Target Property

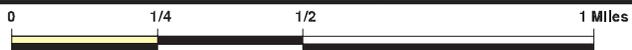
Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

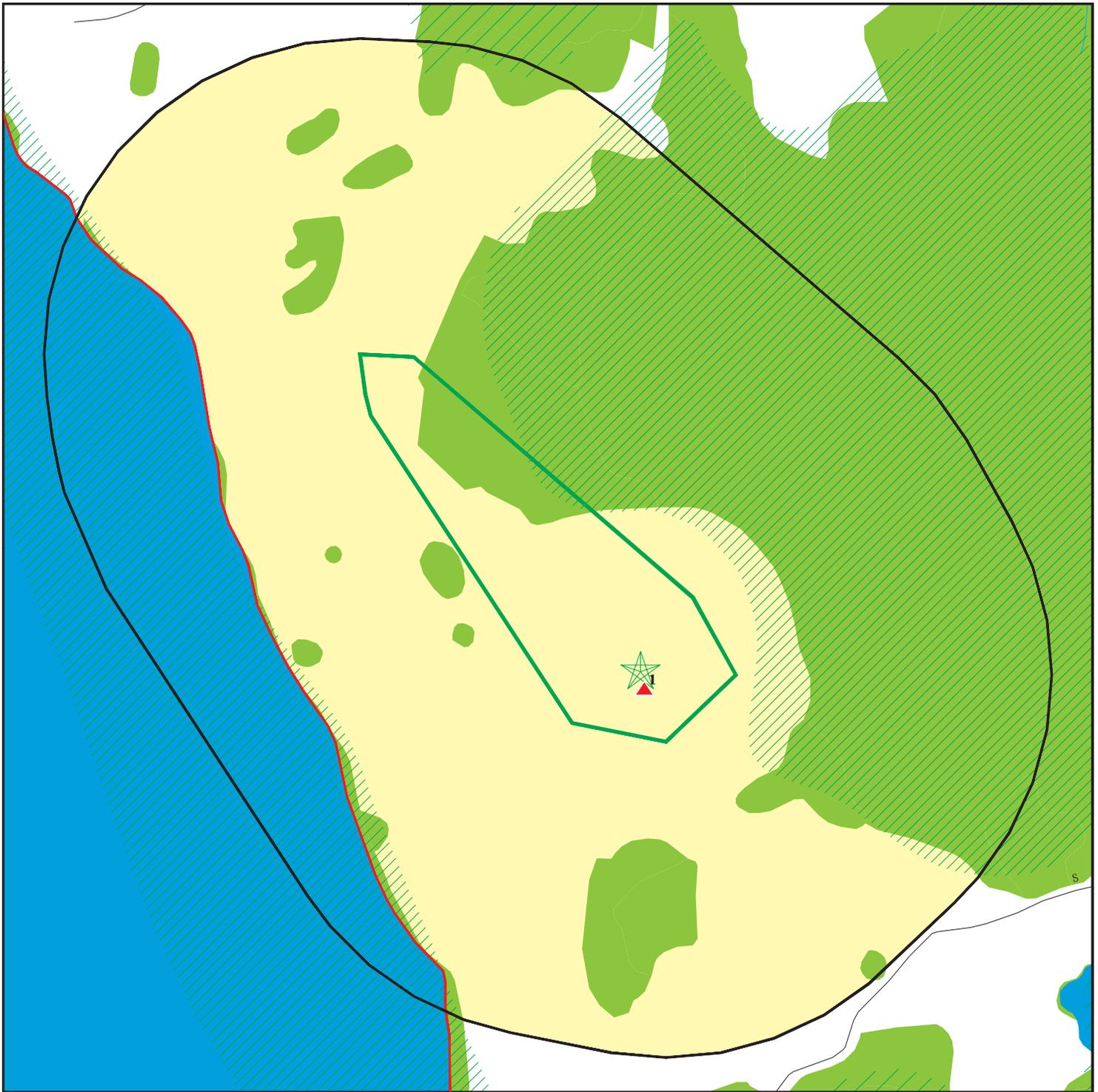


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Maine Halibut
 ADDRESS: Acadia Circle
 Corea ME 04624
 LAT/LONG: 44.4012 / 67.9911

CLIENT: Campbell Environmental Group
 CONTACT: Danica Wallace
 INQUIRY #: 4194429.2s
 DATE: January 29, 2015 4:29 pm

DETAIL MAP - 4194429.2S



-  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

-  0 1/16 1/8 1/4 Miles
-  Indian Reservations BIA
-  County Boundary
-  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: Maine Halibut
 ADDRESS: Acadia Circle
 Corea ME 04624
 LAT/LONG: 44.4012 / 67.9911

CLIENT: Campbell Environmental Group
 CONTACT: Danica Wallace
 INQUIRY #: 4194429.2s
 DATE: January 29, 2015 4:30 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
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
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
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
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
LCP	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
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

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
<i>State and tribal registered storage tank lists</i>								
UST	0.250		1	0	NR	NR	NR	1
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
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
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
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
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
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	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
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1 THE ACADIA CAPITAL CORP COREA SITE
STATE RT 195 VILLAGE OF COREA
GOULDSBORO, ME
< 1/8
1 ft.

UST U003100555
N/A

Relative:
Higher

Actual:
44 ft.

UST:

Facility ID: 18274
Facility Location2: GOULDSBORO
Facility Code: FEDERAL FACILITY
Fed Reg Ind: Yes
Owner Name: ACADIA CAPITAL CORP THE
Owner Contact: Not reported
Owner Delivery Address: 40 HARLOW ST
Owner City/State/Zip: BANGOR, ME 4401
Owner Telephone: 8003396389
Operator Contact: Not reported
On Aquifer: No
On Aquifer Label: Not reported
Near Public Water: No
Near Public Water Label: Not reported
Near Private Water: No
Near Private Water Label: Not reported
Near Other Water: No
Nearby Water Other Owner Label: Not reported
Latitude: 44.40098
Longitude: -67.99104

Tank Number: 1
Tank Status: REMOVED
Tank Status Label: REMOVED
Tank Status Date: 23-APR-02
Tank Sub Status: BANGOR, ME 4401
Tank Sub Status Label: Not reported
Installation Date: 11-JUN-92
Product Type: DIESEL
Tank Volume in Gallons: 8000
Tank Above/Below: BELOWGROUND
Tank Material: F/GLASS - SEC CONTAIN - PETRO & ALCOHOL
Reg Date: 18-JUN-92
Tank Leak Detection Label: SECONDARY CONTAINMENT / CONT ELEC MON
Chamber ID: 1
Chamber Pump Type Label: SUCTION
Chamber Pump Type Desc: SUCTION
Pipe Status: REMOVED
Pipe Status Date: 23-APR-02
Pipe Date Installed: Not reported
Pipe Material Label: COPPER WITH SECONDARY CONTAINMENT
Pipe Status Label: REMOVED
Pipe Leak Detection: SEC_CONT_CONTIN_ELEC_MON
Pipe Leak Detection Label: SECONDARY CONTAINMENT / CONT ELEC MON
Overfill: ELECTRONIC
Overfill Protection Label: ELECTRONIC

Tank Number: 2
Tank Status: PLANNED_FOR_REMOVAL
Tank Status Label: PLANNED FOR REMOVAL
Tank Status Date: 13-MAR-07
Tank Sub Status: BANGOR, ME 4401

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE ACADIA CAPITAL CORP COREA SITE (Continued)

U003100555

Tank Sub Status Label: Not reported
Installation Date: 11-JUN-92
Product Type: DIESEL
Tank Volume in Gallons: 2500
Tank Above/Below: BELOWGROUND
Tank Material: F/GLASS - SEC CONTAIN - PETRO & ALCOHOL
Reg Date: 18-JUN-92
Tank Leak Detection Label: SECONDARY CONTAINMENT / CONT ELEC MON
Chamber ID: 1
Chamber Pump Type Label: SUCTION
Chamber Pump Type Desc: SUCTION
Pipe Status: PLANNED_FOR_REMOVAL
Pipe Status Date: 13-MAR-07
Pipe Date Installed: Not reported
Pipe Material Label: COPPER WITH SECONDARY CONTAINMENT
Pipe Status Label: PLANNED FOR REMOVAL
Pipe Leak Detection: SEC_CONT_CONTIN_ELEC_MON
Pipe Leak Detection Label: SECONDARY CONTAINMENT / CONT ELEC MON
Overfill: ELECTRONIC
Overfill Protection Label: ELECTRONIC

Count: 0 records.

ORPHAN SUMMARY

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

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: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/08/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/08/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/08/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 01/09/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/09/2015
	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: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 01/09/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/20/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 01/09/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/09/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

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

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

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

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

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

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

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

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/16/2015
	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: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/16/2015
	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: 08/29/2014	Source: Department of the Navy
Date Data Arrived at EDR: 10/09/2014	Telephone: 843-820-7326
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/17/2014
Number of Days to Update: 11	Next Scheduled EDR Contact: 03/02/2015
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/29/2014	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/30/2014	Telephone: 202-267-2180
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 12/29/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/13/2015
	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: 10/09/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/21/2014	Telephone: 207-287-7688
Date Made Active in Reports: 10/22/2014	Last EDR Contact: 01/19/2015
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/04/2015
	Data Release Frequency: Semi-Annually

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/12/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/14/2014	Telephone: 207-287-2651
Date Made Active in Reports: 12/09/2014	Last EDR Contact: 11/10/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 02/23/2015
	Data Release Frequency: Annually

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: 11/07/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/23/2015
	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: 11/01/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/05/2014	Telephone: 207-287-2651
Date Made Active in Reports: 11/25/2014	Last EDR Contact: 11/05/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/16/2015
	Data Release Frequency: Quarterly

LAST: HOSS Database

A listing of leaking aboveground storage tanks.

Date of Government Version: 11/01/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/05/2014	Telephone: 207-287-2651
Date Made Active in Reports: 11/25/2014	Last EDR Contact: 11/05/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/16/2015
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 01/08/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 01/26/2015
Number of Days to Update: 73	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/04/2014	Source: EPA Region 8
Date Data Arrived at EDR: 11/07/2014	Telephone: 303-312-6271
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/26/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/03/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 11/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/26/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/31/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 01/26/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/06/2014	Source: EPA Region 6
Date Data Arrived at EDR: 10/29/2014	Telephone: 214-665-6597
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 01/26/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 01/26/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/01/2014
Date Data Arrived at EDR: 11/19/2014
Date Made Active in Reports: 12/09/2014
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

AST 2: Registered Petroleum Tanks Database

Aboveground storage tank site locations registered with the Bureau of Remediation and Waste Management.

Date of Government Version: 10/07/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 10/17/2014
Number of Days to Update: 9

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 04/20/2015
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 09/16/2014
Date Made Active in Reports: 10/22/2014
Number of Days to Update: 36

Source: Maine Emergency Management Agency
Telephone: 207-626-4503
Last EDR Contact: 12/09/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/31/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

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

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

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

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/04/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 10

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

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

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/09/2014
Date Data Arrived at EDR: 10/21/2014
Date Made Active in Reports: 10/22/2014
Number of Days to Update: 1

Source: Department of Environmental Protection
Telephone: 207-287-7688
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Semi-Annually

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/31/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

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

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: 10/09/2014
Date Data Arrived at EDR: 10/21/2014
Date Made Active in Reports: 10/22/2014
Number of Days to Update: 1

Source: Department of Environmental Protection
Telephone: 207-287-7688
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
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: 10/09/2014
Date Data Arrived at EDR: 10/21/2014
Date Made Active in Reports: 10/22/2014
Number of Days to Update: 1

Source: Department of Environmental Protection
Telephone: 207-287-7688
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/22/2014
Date Data Arrived at EDR: 09/23/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/22/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

SWRCY: Recycling Facilities

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

Date of Government Version: 12/13/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/23/2012
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
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
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/29/2014
Next Scheduled EDR Contact: 02/16/2015
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: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/09/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/21/2014	Telephone: 207-287-7688
Date Made Active in Reports: 10/22/2014	Last EDR Contact: 01/19/2015
Number of Days to Update: 1	Next Scheduled EDR Contact: 05/04/2015
	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: 10/09/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/21/2014	Telephone: 207-287-7688
Date Made Active in Reports: 10/22/2014	Last EDR Contact: 01/19/2015
Number of Days to Update: 1	Next Scheduled EDR Contact: 05/04/2015
	Data Release Frequency: Semi-Annually

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: 07/25/2014	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/09/2014	Telephone: 202-307-1000
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/25/2014
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/16/2015
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/09/2015
	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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/02/2014
Date Made Active in Reports: 05/28/2014
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 01/23/2015
Next Scheduled EDR Contact: 05/11/2015
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: 09/30/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/30/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Annually

SPILLS: Hazardous Material and Oil Spill System Database

The database contains surface, groundwater and hazardous material spills.

Date of Government Version: 11/01/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/25/2014
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Quarterly

SPILLS 80: SPILLS80 data from FirstSearch

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

Date of Government Version: 06/07/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 01/25/2013
Number of Days to Update: 22

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

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

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

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 12/29/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/04/2014
Next Scheduled EDR Contact: 02/16/2015
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/24/2014
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
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
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2014
Date Data Arrived at EDR: 09/04/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 74

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/30/2014
Next Scheduled EDR Contact: 03/16/2015
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: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
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
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/22/2014
Next Scheduled EDR Contact: 04/06/2015
Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

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

SSTS: Section 7 Tracking Systems

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

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

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 07/31/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/16/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

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

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/04/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/07/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/08/2014	Telephone: 202-343-9775
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 01/08/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 04/20/2015
	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: 08/16/2014	Source: EPA
Date Data Arrived at EDR: 09/10/2014	Telephone: (617) 918-1111
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/09/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/23/2015
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

RMP: Risk Management Plans

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

Date of Government Version: 08/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/12/2014	Telephone: 202-564-8600
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 01/26/2015
Number of Days to Update: 86	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Varies

BRS: Biennial Reporting System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Biennially

NPDES: Wastewater Facilities Listing

A listing of wastewater facility locations.

Date of Government Version: 12/29/2014
Date Data Arrived at EDR: 12/30/2014
Date Made Active in Reports: 01/21/2015
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: 207-287-3901
Last EDR Contact: 12/30/2014
Next Scheduled EDR Contact: 04/13/2015
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: 12/01/2014
Date Data Arrived at EDR: 12/01/2014
Date Made Active in Reports: 01/21/2015
Number of Days to Update: 51

Source: Department of Environmental Protection
Telephone: 207-791-8110
Last EDR Contact: 12/01/2014
Next Scheduled EDR Contact: 06/02/2104
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facilities

A listing of drycleaning facilities that use perchloroethylene.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 05/08/2013
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: 207-287-7030
Last EDR Contact: 01/09/2015
Next Scheduled EDR Contact: 02/23/2015
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: 12/31/2012
Date Data Arrived at EDR: 06/19/2014
Date Made Active in Reports: 07/30/2014
Number of Days to Update: 41

Source: Department of Environmental Protection
Telephone: 207-287-7036
Last EDR Contact: 09/19/2014
Next Scheduled EDR Contact: 12/29/2014
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: 12/31/2013
Date Data Arrived at EDR: 09/16/2014
Date Made Active in Reports: 11/19/2014
Number of Days to Update: 64

Source: Maine Emergency Management Agency
Telephone: 207-624-4441
Last EDR Contact: 12/09/2014
Next Scheduled EDR Contact: 03/30/2015
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: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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: 11/18/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

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: 01/15/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: N/A

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 12/29/2015
Next Scheduled EDR Contact: 04/13/2015
Data Release Frequency: Quarterly

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/14/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 11/14/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/23/2015
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/12/2014	Telephone: 703-603-8787
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 01/05/2015
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/20/2015
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/31/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 12/23/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/13/2015
	Data Release Frequency: Annually

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

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

Date of Government Version: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 12/23/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/13/2015
	Data Release Frequency: Annually

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	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 01/15/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/27/2015
	Data Release Frequency: Varies

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: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/12/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/23/2015
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 09/04/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/04/2014	Telephone: 202-566-1917
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/11/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 03/02/2015
	Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A	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: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Maine.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 191

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Maine.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Maine.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/17/2014
Number of Days to Update: 200

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/12/2015
Next Scheduled EDR Contact: 04/27/2015
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 11/01/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/24/2014
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 06/24/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 11/04/2014
Number of Days to Update: 74

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/19/2015
Next Scheduled EDR Contact: 05/04/2015
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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, 2005 and 2010 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[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MAINE HALIBUT
ACADIA CIRCLE
COREA, ME 04624

TARGET PROPERTY COORDINATES

Latitude (North): 44.4012 - 44° 24' 4.32"
Longitude (West): 67.9911 - 67° 59' 27.96"
Universal Tranverse Mercator: Zone 19
UTM X (Meters): 580343.1
UTM Y (Meters): 4916713.0
Elevation: 44 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 44067-D8 PETIT MANAN POINT, ME
Most Recent Revision: 1977

West Map: 44068-D1 WINTER HARBOR, ME
Most Recent Revision: 1984

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

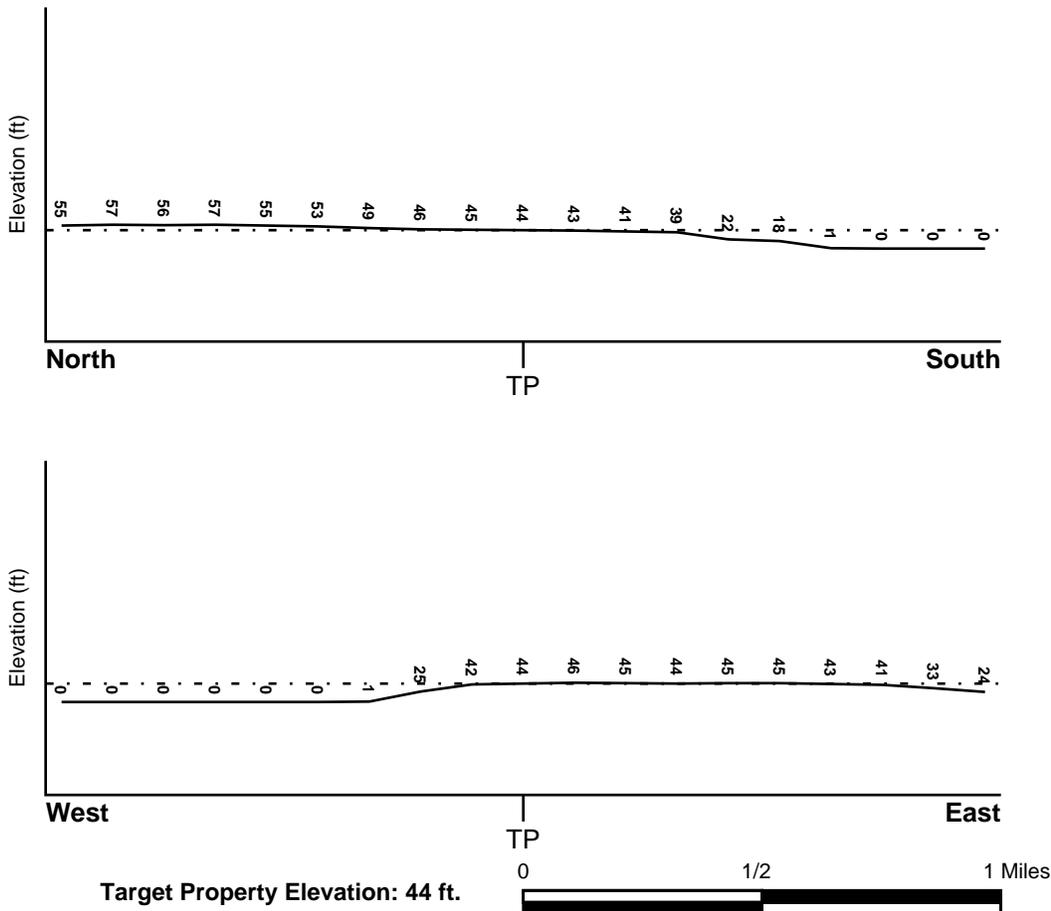
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> HANCOCK, ME	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	2302830020B - FEMA Q3 Flood data
Additional Panels in search area:	2302830010B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

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

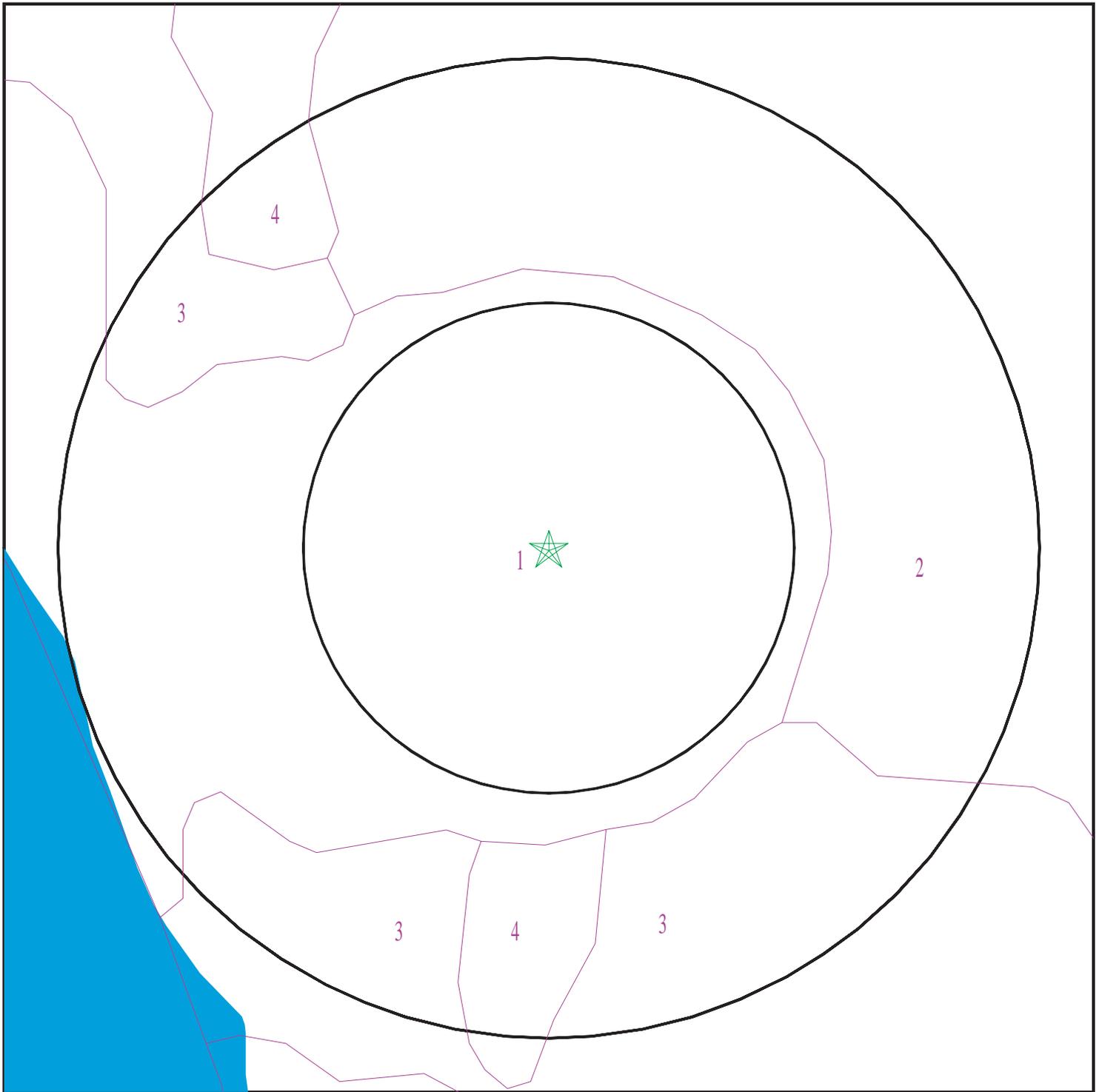
Era: Paleozoic
System: Devonian
Series: Middle Paleozoic granitic rocks
Code: Pzg2 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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 - 4194429.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Maine Halibut
ADDRESS: Acadia Circle
Corea ME 04624
LAT/LONG: 44.4012 / 67.9911

CLIENT: Campbell Environmental Group
CONTACT: Danica Wallace
INQUIRY #: 4194429.2s
DATE: January 29, 2015 4:30 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: UDORTHENTS

Soil Surface Texture: very gravelly sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	64 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141.14 Min: 0.42	Max: 7.8 Min: 4.5

Soil Map ID: 2

Soil Component Name: WASKISH

Soil Surface Texture: peat

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

Soil Drainage Class: Very poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	64 inches	peat	A-8	Highly organic soils, Peat.	Max: 141.14 Min: 42.34	Max: Min:

Soil Map ID: 3

Soil Component Name: SCHOODIC

Soil Surface Texture: very gravelly fine sandy loam

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

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	very gravelly fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141.14 Min: 0.07	Max: 5.5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	9 inches	12 inches	unweathered bedrock	Not reported	Not reported	Max: 141.14 Min: 0.07	Max: Min:

Soil Map ID: 4

Soil Component Name: WONSQUEAK

Soil Surface Texture: muck

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

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	muck	A-8	Highly organic soils, Peat.	Max: 42.34 Min: 1.41	Max: Min:
2	7 inches	31 inches	muck	A-8	Highly organic soils, Peat.	Max: 42.34 Min: 1.41	Max: Min:
3	31 inches	64 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14.11 Min: 1.41	Max: Min:

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>
1	USGS40000422416	1/8 - 1/4 Mile NE
2	USGS40000422436	1/2 - 1 Mile ENE
3	USGS40000422409	1/2 - 1 Mile East
A4	USGS40000422394	1/2 - 1 Mile East
5	USGS40000422460	1/2 - 1 Mile NE
A6	USGS40000422389	1/2 - 1 Mile East
7	USGS40000422376	1/2 - 1 Mile East
8	USGS40000422366	1/2 - 1 Mile East
B9	USGS40000422397	1/2 - 1 Mile East
B10	USGS40000422396	1/2 - 1 Mile East
11	USGS40000422343	1/2 - 1 Mile ESE
C12	USGS40000422353	1/2 - 1 Mile ESE
D13	USGS40000422345	1/2 - 1 Mile ESE
C14	USGS40000422346	1/2 - 1 Mile ESE
E15	USGS40000422395	1/2 - 1 Mile East
D16	USGS40000422344	1/2 - 1 Mile ESE
E17	USGS40000422393	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

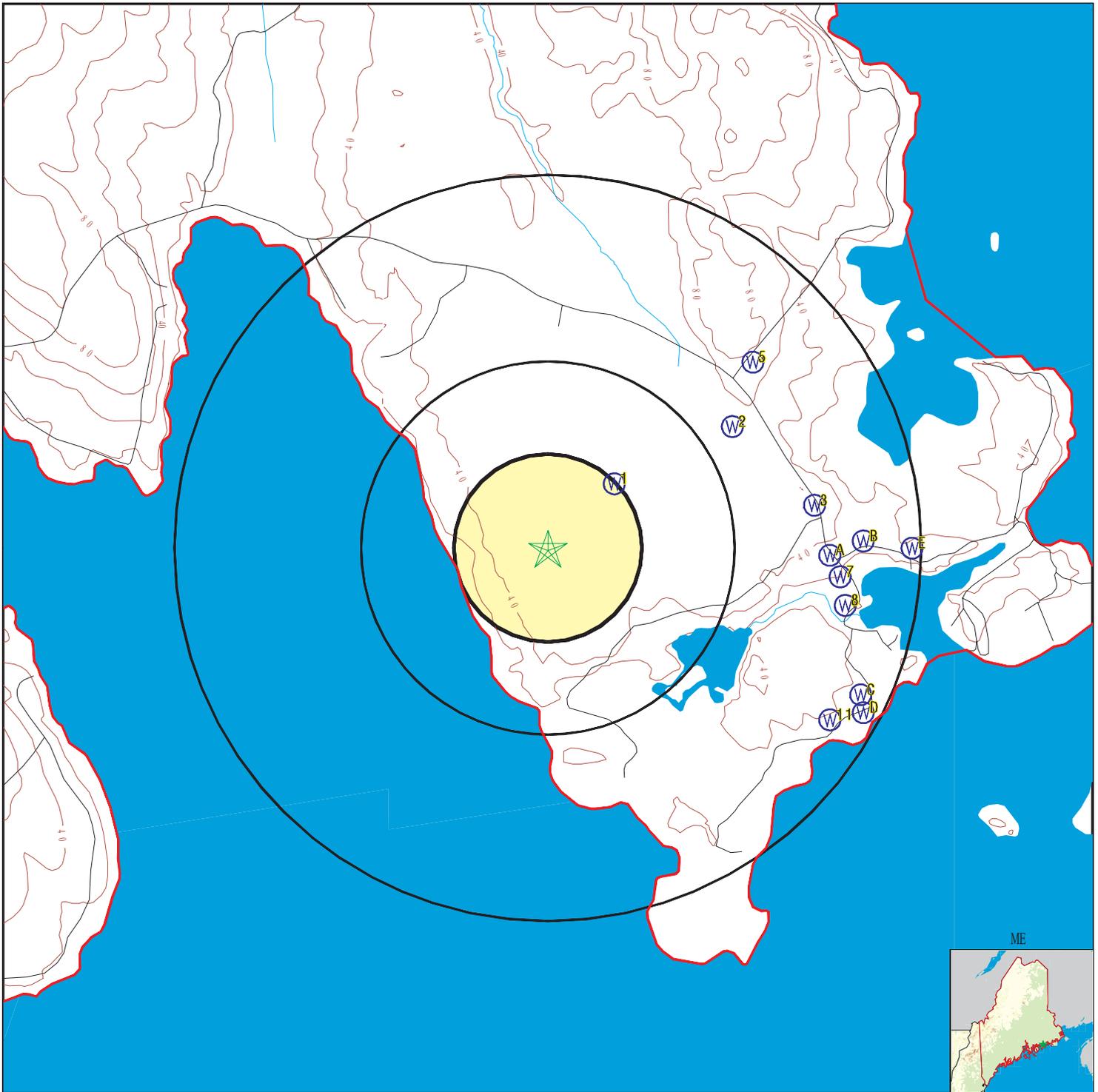
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

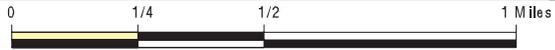
STATE DATABASE WELL INFORMATION

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

PHYSICAL SETTING SOURCE MAP - 4194429.2s



- 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: Maine Halibut
 ADDRESS: Acadia Circle
 Corea ME 04624
 LAT/LONG: 44.4012 / 67.9911

CLIENT: Campbell Environmental Group
 CONTACT: Danica Wallace
 INQUIRY #: 4194429.2s
 DATE: January 29, 2015 4:30 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NE
1/8 - 1/4 Mile
Higher **FED USGS** **USGS40000422416**

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442413067591701		
Monloc name:	HW 116		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.4036912
Longitude:	-67.9875027	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19710000	Welldepth:	180
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
ENE
1/2 - 1 Mile
Higher **FED USGS** **USGS40000422436**

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442421067585401		
Monloc name:	HW 92		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01050002	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.4059134
Longitude:	-67.9811136	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	61.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	54
Construction date:	1950	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1950-01-01	3.00	

3
East
1/2 - 1 Mile
Higher

FED USGS USGS40000422409

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442410067583801		
Monloc name:	HW 127		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.4028579
Longitude:	-67.976669	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19670000	Welldepth:	65
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A4
East
1/2 - 1 Mile
Lower

FED USGS USGS40000422394

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442404067583701		
Monloc name:	HW 100		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.4011913
Longitude:	-67.9763912	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19510000	Welldepth:	65
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**5
NE
1/2 - 1 Mile
Higher**

FED USGS USGS40000422460

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442430067585001		
Monloc name:	HW 129		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.4084134
Longitude:	-67.9800025	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	70
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19660000	Welldepth:	143
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**A6
East
1/2 - 1 Mile
Lower**

FED USGS USGS40000422389

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442402067583301		
Monloc name:	HW 120		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.4006357
Longitude:	-67.9752801	Sourcemap scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19710000	Welldepth:	265
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
East
1/2 - 1 Mile
Lower

FED USGS USGS40000422376

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442400067583301		
Monloc name:	HW 93		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01050002	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.4000802
Longitude:	-67.97528	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	1950	Welldepth:	55
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1950-01-01	9.00	

8
East
1/2 - 1 Mile
Lower

FED USGS USGS40000422366

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442356067583201		
Monloc name:	HW 99		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.3989691
Longitude:	-67.9750023	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19510000	Welldepth:	95
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B9
East
1/2 - 1 Mile
Lower

FED USGS USGS40000422397

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442405067583001		
Monloc name:	HW 94		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.401469
Longitude:	-67.9744467	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19510000	Welldepth:	68
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B10
East
1/2 - 1 Mile
Lower

FED USGS USGS40000422396

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442405067582701		
Monloc name:	HW 131		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.401469
Longitude:	-67.9736134	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19640000	Welldepth:	52
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

11
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000422343

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442340067583501		
Monloc name:	HW 124		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.3945247
Longitude:	-67.9758356	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	175
Construction date:	19700000	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C12
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000422353

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442345067583001		
Monloc name:	HW 121		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.3959136
Longitude:	-67.9744467	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19710000	Welldepth:	70
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

D13
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000422345

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442341067583001		
Monloc name:	HW 109		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.3948025
Longitude:	-67.9744467	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	98
Construction date:	19560000	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C14
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000422346

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442342067582801		
Monloc name:	HW 125		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.3950803
Longitude:	-67.9738911	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19680000	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

E15
East
1/2 - 1 Mile
Lower

FED USGS USGS40000422395

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442405067582001		
Monloc name:	HW 96		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.401469
Longitude:	-67.9716689	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	40
Construction date:	19560000	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

D16
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000422344

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442341067582701		
Monloc name:	HW 101		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.3948025
Longitude:	-67.9736133	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19500000	Welldepth:	86
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

E17
East
1/2 - 1 Mile
Lower

FED USGS USGS40000422393

Org. Identifier:	USGS-ME		
Formal name:	USGS Maine Water Science Center		
Monloc Identifier:	USGS-442403067581801		
Monloc name:	HW 118		
Monloc type:	Well		
Monloc desc:	BASIC DATA REPORT NO.8		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	44.4009135
Longitude:	-67.9711133	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Unknown		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
Construction date: 19710000
Welldepth units: ft
Wellholedepth units: Not Reported

Welldepth: 130
Wellholedepth: Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for HANCOCK County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for HANCOCK COUNTY, ME

Number of sites tested: 37

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.607 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.300 pCi/L	100%	0%	0%
Basement	4.465 pCi/L	62%	38%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

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

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

State Wetlands Data: Wetlands Inventory

Source: Office of Geographic Information Systems

Telephone: 207-287-6144

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R 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.

OTHER STATE DATABASE INFORMATION

RADON

Maine Radon Test Results

Source: Department of Human Services

Telephone: 207-287-5698

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

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX F
MEDEP Spill Reports

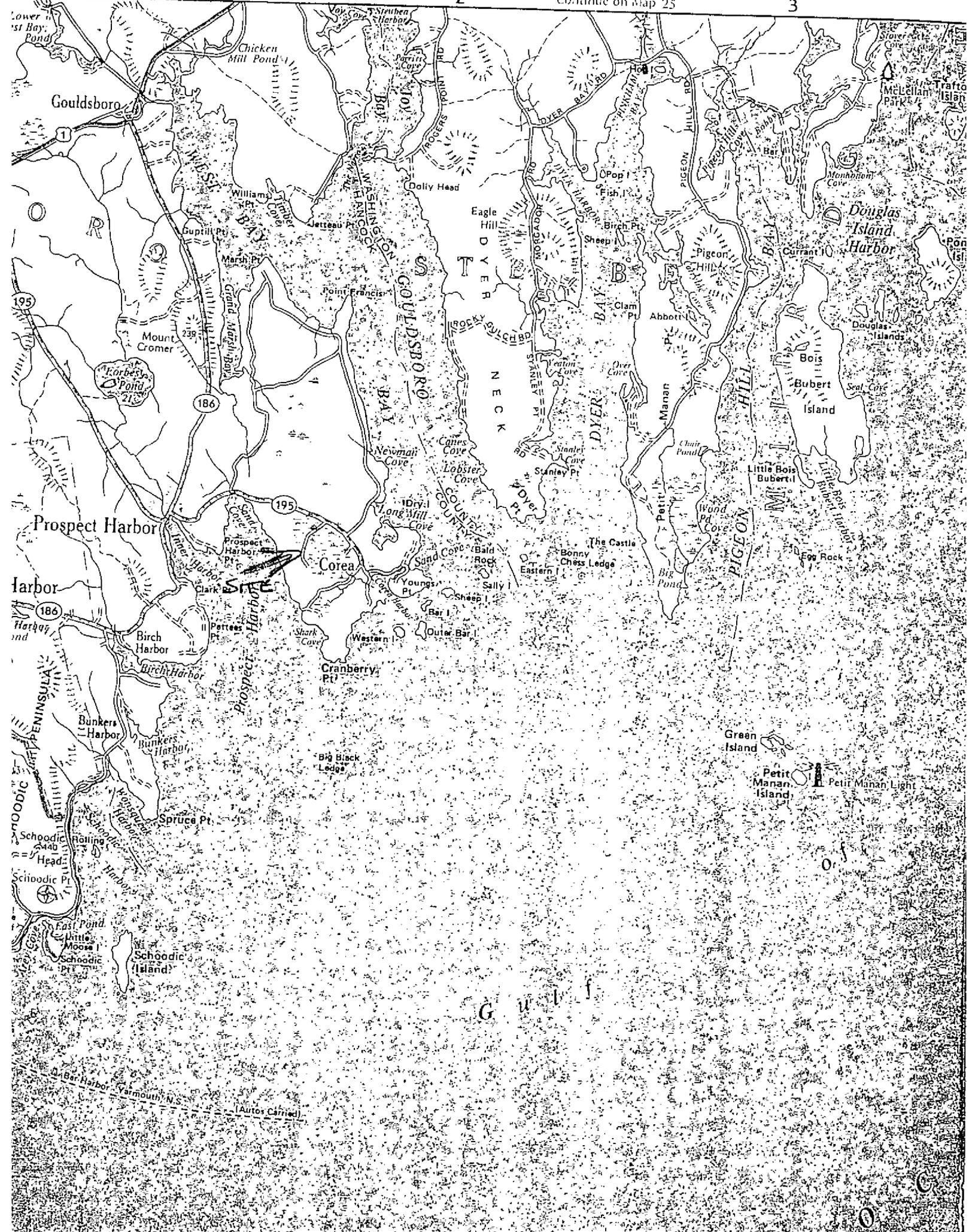
SPILL #B/221/90
4/30/90
Page 3

In order to unburden themselves of their underground tank liability, the Naval Security Group at Winter Harbor started installing above ground oil tanks. The outside tank at building 154 in Corea is piped to a day tank inside, that is in turn connected to a boiler. Because the new outside ~~TANK~~ was not properly vented, expanding oil heated by the sun was forced into the day tank, overflowing it and spilling it out the tank's vent. About 50 gallons was caught by a drip pan with the remainder running into a floor trench.

Forty pounds of speedi-dri recovered the oil spilled into the floor trench.

According to Dale Woodward, reporting the spill was delayed because the Naval Security Group was unaware of our toll free spill number.

TV/ak
REC: File Report



(Autos Carried)

**MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT FORM**

Spill Number B - 111 - 90

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): DUSO, JILL

Mailing Address: 42 COTTAGE ST.

Town: EAST HAMPTON

State: MA Zip: 01027

Telephone: (413) 527-1320

Comments:

LOCATION / FACILITY INFORMATION

Spill Location: DUSO, JILL

Address:

Location ID: 11516

Minor Civil Division: GOULDSBORO

Zip:

Latitude N: / /

Longitude W: / /

SPILL / EVENT INFORMATION

Spill Type: A (Table A) Amount Spilled: (Gals, Yds³, Lbs or Bbls)

Product Reported Spilled: 01 (Table B) Product Actually Found: 01 (Table B)

Date Of Spill: Time Of Spill: (Military)

Date Reported: Mar. 12, 1990 Time Reported: 0825 (Military)

Cause Of Spill: 02 (Table C) Detection Method: 3 G (Table D)

Incident Code: B - SF - S - (Table E)

DEP response time involved: 45 Wells At Risk: 4 Wells Impacted: 1

Investigators' names : RANDALL, ROBERT

PERSON REPORTING EVENT

Name (Last, First, MI): ROGERS, WENDY

Address: RT. 195, PO BOX 69

Town: COREA

State: ME Zip Code: 04624

Telephone: (207) 963-2933

CLEAN-UP INFORMATION

Spill Number B - 111 - 90

Total Product Recovered : (Gals, Yds3, Lbs, Tons or Bbls)

Method of Recovery : J

Non Recyclable : (Gals, Tons or Bbls)

Solids Combustible : (Yds3 or Tons)

Solids Non Combustible : Yds3

Recyclable : (Gals, Yds3, Lbs, Tons or Bbls)

Number Filters Installed : 1

Number Aerators Installed : 0

Disposal Information : SOME PRODUCT RECOV. THRU CHARCOAL FILTER

OTHER ACTIONS

Expenditure (s) -	From Surface Water Fund	Y	(Y or N)
	From Ground Water Fund	N	(Y or N)
	From Haz Waste Fund	N	(Y or N)
Third Party Damage Claim Expected		Y	(Y or N)
Enforcement Referral		Y	(Y or N)
Insurance Fund Claim			(Y or N)
Tech Services Referral			(Y or N)

UNDERGROUND TANKS INFORMATION

UNO/UST Site Number	Tank Number	Size Of Tank	Tank Material	Tank Age	Piping Material	Tank Status
------------------------	----------------	-----------------	------------------	-------------	--------------------	----------------

Please use separate sheets of paper, as needed, for your detailed Recommendations and Spill Narrative. Remember to include/attach directions to find spill site (with a map if possible), all observations made, clean up actions performed and photos (if taken).

Include known chemical names when report is about Hazardous Materials.

Please, document your information carefully. It may be needed for future reference or legal action.

ENFORCEMENT

REIMBURSEMENT

Oil & Hazardous Materials Report Form
Spill Number: B/111/90

Subject:

Name (Last, First MI): DUSO, JILL
Address: 42 COTTAGE ST. Town: EAST HAMPTON
State: MA Zip-code: 01027 Telephone: 4135271320

Spill Information:

Location (Town): COREA Spill Type: A
Amount spilled: unknown gals. cu. yds. N lbs. N bbls. N
Type of spill: 01
Date of Spill: _____ (yy/mm/dd) Time of Spill: _____ (Military)
Date Reported: 90/03/12 (yy/mm/dd) Time Reported: 0825 (Military)
Cause: 02 Detection method: 3G
Incident code: BSFS DEP response time involved: 45.0 (hours)
Number of wells at risk: 4 Number of wells impacted: 1
Investigators' names: 1. RANDALL, ROBERT F.
2. _____
3. _____

M.F.M.

Person Reporting Incident:

Name (Last, First MI): ROGERS, WENDY
Address: RT. 195, PO BOX 59 Town: COREA
State: ME Zip-code: 04624 Telephone: 2079632933
Oil & Hazardous Materials Report Form

Spill Number: B/111/90 (continued)

Clean-up Information:

Total product recovered: unknown gals. cu. yds. N lbs. N bbls. N
Method: J Non-recyclable: _____ gals. N bbls. N
Solids: combustible: _____ cu. yds. N tons N
non-combustible: _____ cu. yds.
Recyclable material: _____ gals. N cu. yds. N lbs. N bbls. N
Number of filters installed: 1 Number of aerators installed: 0
Disposal information:
SOME PRODUCT RECOV. THRU CHARCOAL FILTER

Other Actions:

Reimbursement: to SF (surface water): Y (Y/N)
to GF (ground water): N (Y/N)
to HWF (haz waste): N (Y/N)
Third party damage claim expected: Y (Y/N)
Enforcement Referral: Y (Y/N)

NAME(S) OF CHEMICAL(S) INVOLVED:

SPILL #B/111/90
3/12/90
Page 3

This office received a call at 0825 on 3/12/90 from Wendy Rogers (Gouldsboro Town Office, #963-5589) reporting an oil spill. She stated that the outside fuel oil storage tank at her next door neighbors house was leaking. The oil was not contained and it was near the well. Louise Barstow (DEP Bangor) received the initial report for our office and relayed the information to me.

When I returned Mrs. Rogers call, she indicated that the house next door is owned by an out of Stater and is vacant at this time. Yesterday, they detected what they believe to be oil in their well. After checking around (i.e., their own heating oil system and outside the house), they discovered a leak in the bottom of the neighbor's outside oil barrel. Directions were provided to the site, which is located across from the post office on Route #195 in Corea. While I was enroute, she would try to find the name and telephone number of the neighbor.

Arriving at the Gouldsboro Town Office around 1130, I met briefly with Mrs. Rogers and went over the situation with her. According to town records, the house is owned by Jill Duso of 42 Cottage Street in E. Hampton, MA. They did not have a telephone number on file for her, but were able to obtain one for her (#413-527-1320) through the E. Hampton Police Department. Mrs. Rogers tried this number, but got no response. She would try again during the evening. I then explained DEP's oil pollution control law, that the neighbor would be responsible for any cleanup and/or damages which resulted from this spill (i.e., since the leak occurred in Ms. Duso's tank), and what procedures we generally follow in restoring a contaminated well for future use.

Arrangements were made to meet with Dwight Rogers at their home (#963-2933) in Corea for the purpose of doing a site assessment and obtaining a sample from their well. Mr. Rogers showed me the location of the neighbor's tank out back. It was approximately 110 gallon capacity, had an odd shape (similar to two 55-gallon drums welded together end to end), and sat horizontally on a high wooden cradle. Soil beneath the tank was stained with oil. This covered an area 3 or 4 feet in diameter from what we could see and had flowed under the house. There was actually very little soil here (only a few inches or less) on top of ledge. The floor stringers under the back wall essentially sat on the ledge, so there was no obvious way of checking the crawl space under the house to see how far the oil had spread or if there was anything present that could be recovered. Upon checking the tank, we located a pinhole leak on the bottom that was slowly weeping oil. Exactly how long this had been going on unnoticed is

anyones guess. From the spillage under the tank and the distance to Mr. & Mrs. Rogers drilled well, it could have been leaking slowly for a couple of months.

Since they have not seen Mrs. Duso at the residence in quite sometime, it was assumed that she was unaware of the problem. Who exactly delivers fuel to the tank was also unknown. No trucks have been seen in the area in a long time. He was not sure if the tank was even in use. To his understanding, the house is heated totally by electricity now. With everyone in the immediate area on wells and no one available at the residence to correct the problem, I could not see allowing the leak to continue at this point. Using an electric pump and a 55-gallon drum supplied by Mr. Rogers and a second drum that I had in my truck, we were able to transfer approximately 100 gallons of product from the tank. With the tank empty, the leak stopped. It appeared that not more than 10 or 15 gallons had been spilled. Most of this had seeped into the ledge and would be difficult to recover.

A sample was collected from Mr. & Mrs. Rogers well to confirm whether it was actually contaminated or not. We could not gain access to M. s. Duso's well, so I am not sure if it contains any oil or not. Since it is located relatively close to Mr. & Mrs. Roger's well and is downslope from the spill area, I suspect that the sample analysis results would be similar. When I inquired about the status of other wells in the area, Mr. Rogers stated that he believed that the well at the Post Office across the street was contaminated, but this would have been from a leaky gasoline tank at the site years ago. He was not sure if they used the water now or not. His next closest neighbor across the road and downslope from the spill was also unknown. No problems had been mentioned with that well, so he assumed that it was un-contaminated and still in use.

Prior to leaving, I explained how their water could be treated (i.e., charcoal filter or air stripper) depending on the concentration of contamination. Once this was determined, we could then go to the next step. If Ms. Duso agreed to take care of the problem to the Roger's satisfaction, then DEP would pretty much stay out of it. If Ms. Duso did not take care of the problem or could not afford to, then DEP would deal with it and settle up with her later.

I then proceeded directly to Lowry Engineering, Inc. (Unity, #948-3790) to have the well sample analyzed. When I arrived back in Bangor, I called #1-413-527-1320 and discussed the situation with Ms. Duso's live in boyfriend (i.e., James Pascoe according to Mrs. Rogers). I explained Maine's oil pollution control law, the fact that Ms. Duso would be liable for any cleanup and/or damages which resulted from this spill, what had been done to stop the leak, what needed to be done for cleanup (excavate the contaminated soil and haul it away), how the neighbors well could be treated if it was contaminated, and gave him Mr. & Mrs.

Roger's home telephone number in the event that they wanted to contact them to work out an agreement. Mr. Pascoe stated that Ms. Duso was unemployed, four months pregnant, was living with him, and had no money or income to deal with this situation. When I inquired about the status of the tank, he indicated that he was surprised that there was any oil in it. In fact, he always thought that it was empty. Whatever needs to be done with the neighbor's well would depend on the results of the analysis. As far as the contaminated soil around the tank and under the house, this was up to them. They could either dig it out by hand or hire a contractor to do it for them. It was suggested that they might want to have their own well analyzed for hydrocarbons the next time they are in Maine. Mr. Pascoe thought that this might be sometime in the next week or two. I indicated that if Ms. Duso could not afford to take care of the problem with Mr. & Mrs. Rogers well, DEP would initially and could then settle up with her financially later (i.e., some type of pay back period, so much a month or quarterly, etc.) . I also left him DEP's telephone number in the event that he or she wanted to contact me for any reason.

The highlights of this conversation were relayed to Mrs. Rogers for what it was worth, since she had also been trying to contact Ms. Duso to discuss the situation.

CONCLUSION: Around 3/15 or 3/16/90, I received the results of the sample analysis on Mr. & Mrs. Rogers well. It was contaminated with 17 ppb in the #2 fuel oil range (SEE ATTACHED RESULTS). Mr. Lowry's bill for this analysis was \$170. I then contacted Mr. Pascoe and informed him of the results. Some of the previous conversation was discussed again. He stated that Ms. Duso's financial situation had not changed (i.e., she could not afford to deal with the neighbor's well), so DEP should go ahead and do whatever it felt should be done. Some type of pay back arrangement could be set up later. At his point, I was not sure what the final cost would be . A lot would depend on how long the charcoal filter system was needed for the well. Since only a small amount of product was spilled, it could turn out to be a fairly short term project.

Mr. & Mrs. Rogers were also informed of the results of the sample analysis and what Mr. Pascoe had relayed to me. This being the case, Norm Gogan at Norlen's Water Softener Service (#825-4964) in Orrington would be contacted for the installation of a charcoal filter system. Town water is not available here and a second drilled well on the property would not be very practical due to the small size of their lot. It would probably be just a matter of time before it pulled the contamination over into the new well and they would be back at square one. Since DEP would be paying for the rental of the filter system initially, an agreement (SEE ATTACHED) would have to be signed by them. They would also be required to file a third party damage claim against Ms. Duso for recovery of these cost, plus other damages if they choose to file any.

On 3/21/90, Mr. Gogan went to Corea to assess the situation for a filter installation on Mr. & Mrs. Rogers well and to obtain a water sample for analysis. Since the water was found to contain magnesium and/or iron, etc., a water softener system would have to be installed on the well so these elements would not screw up the charcoal filter. Both filters were installed on 3/24/90. The bill for the installation and six months rental (3/24/90 to 9/24/90) came to \$971.45.

To ensure that the system was functioning properly and no oil was getting through to the kitchen tap, I sampled before and after the filter on 4/6/90. These results indicated 9.2 ppb fuel oil before the filter and none detectable after the filter (SEE ATTACHED RESULTS). It appeared to be working properly. The cost for this analysis was \$180. DEP's filter rental agreement was signed by Mr. Rogers on this date and he also received a third party damage claim to fill out with instructions.

The well was sampled before and after the filter again on 7/6/90. This was a check on the progress of the contamination. These results came back as 38 ppb before the filter and none detected after the filter (SEE ATTACHED RESULTS). The cost of this analysis was \$180. For some reason, the level of contamination in the well has increased slightly. Since they had misplaced the original damage claim form, a second one was given to Mr. Rogers.

Mr. Gogan called on 7/23/90 to inform me that additional salt was needed for the water softener system due to problems. This was authorized and cost \$211.50.

On 11/12/90, Mr. Gogan's rental fee for the filter system from 9/24/90 to 3/24/91 was received. The cost was \$300.

The well was sampled again on 12/12/90. These results came back as being below the detection limit, both before and after the filter (SEE ATTACHED RESULTS). Mr. Lowry indicated that there might be traces of oil still present, but he did not feel confident with the analysis results below a certain level. This cost was \$180. Since essentially nothing was detected in the analysis, I feel that the clock is running from this point (subject to change). Several more confirmation sample analysis will be done in the coming year. If the oil does not reappear in the well for one year, the filter will be removed sometime around 3/92.

Spill #B/111/90

Page 3

continued

Cost incurred on this spill up to 12/31/90 include:

3/12/90	Sample analysis.	\$170.00
3/24/90	Filter installation and 6 mo. rental from 3/24/90 to 9/24/90.	\$971.45
4/06/90	Sample analysis before & after filter.	\$180.00
7/06/90	Sample analysis before & after filter.	\$180.00
7/23/90	Additional salt needed for water softener system.	\$211.50
11/12/90	Filter rental from 9/24/90 to 3/24/91.	\$300.00
12/12/90	Sample analysis before & after filter.	<u>\$180.00</u>

TOTAL: \$2,192.95

RR/ak

REC: File Report



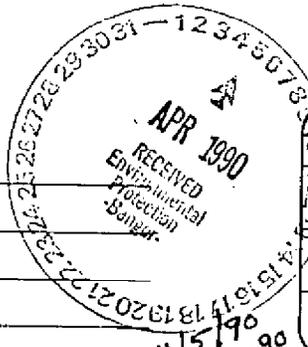
NORLEN'S WATER TREATMENT SERVICE, INC.
 Route 15 - P.O. Box 46
 ORRINGTON, MAINE 04474

INVOICE

No 2739

(207) 825-4964

TO *Mr Robert D. Hall*
Maine REB
1000 Road
Buxton, Maine



DATE *3/24/90*
 CUSTOMER ORDER NO. *Dwight Rogers, Coe, Inc*
 SALESPERSON *Norm*
 VIA *FIN # 01-0435333*

TERMS: Late charge of 1 1/2% per month on past due accounts

RECEIVED 415/190
 SPILL CASE # B-111-90
 DESCRIPTION OK TO PAY
 Acc. # 014 06A 1546 342
 Robert F. Randall

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1.5	<i>1.5 cubic foot advised Chlorine</i>	94.50	141.75
	<i>Core mt-1.5 cubic foot Filter and</i>		
	<i>one water softener Gunn x 85 x 2</i>	150.00	300.00
	<i>(3/24/90 - 9/24/90) RENT</i>		
4	<i>Postage</i>	4.95	19.80
10	<i>50 lb Salts</i>	5.25	52.50
	<i>Filters, Valves, Fittings</i>		69.40
	<i>Mileage 3/21/90 130 miles @ .30</i>		39.00
	<i>Service labor 3/24/90 4.0 hr @ \$25/hr</i>		100.00
	<i>Mileage 3/24/90 130 miles @ .30</i>		39.00
	<i>Service labor 3/24/90 7.0 hr @ \$30/hr</i>		210.00
			\$971.45

ORIGINAL

Thank You!



STATE OF MAINE

Department of Environmental Protection

MAIN OFFICE: RAY BUILDING, HOSPITAL STREET, AUGUSTA
MAIL ADDRESS: State House Station 17, Augusta, 04333

207-289-7688

JOHN R. MCKERNAN, JR.
GOVERNOR

DEAN C. MARRIOTT
COMMISSIONER

AGREEMENT

I. Introduction

Petroleum contamination of drinking water supplies is a serious threat to human health. The Department of Environmental Protection (DEP) urges you to take all possible steps to avoid contact with your contaminated water and to avoid inhaling vapors which may be released into your home whenever your water is used.

DEP strongly recommends that, as a temporary measure, a charcoal filter/aerator be installed in your water supply to substantially reduce the level of contamination in your home. A properly installed and maintained charcoal filter/aerator will effectively reduce the vapor problems in your home and protect your water-using appliances such as toilets, hot water heaters, dishwashers and clothes washers from damage. The DEP does not certify that a charcoal filter/aerator will provide water suitable for drinking or cooking, nor does the DEP recommend that the water be used for washing or bathing. The Bureau of Health in the Department of Human Services can provide guidance in the safe use of your filtered/aerated water supply. The primary purpose of the charcoal filter/aerator is to reduce the health hazards associated with the inhalation of petroleum vapors. To acquire a filter/aerator system, a well owner must fill out the enclosed form.

Also enclosed is a third party damage claim and a copy of the Rules for the Processing of Claims. The third party damage claim program was established as a means for the owner of a petroleum product-contaminated well to have the water supply replaced and be compensated for actual damages that occurred as a result of the petroleum contamination.

Please read the Rules for the Processing of Claims and fill out the damage claim as completely as possible and return it to the DEP within six (6) months. If you should have any questions regarding either the filter/aerator system or the damage claim, please call Michael Barden or Chris Swain at 289-2651.

REGIONAL OFFICES

• Portland •

• Bangor •

• Presque Isle •

II.

Terms of agreement between the Department of Environmental Protection and the owner of a contaminated well prior to the installation of a State financed water treatment device.

The well owner agrees to:

- ① File a complete Third Party Damage Claim within six months.
2. Not use the water for drinking, cooking or bathing unless approved by the Bureau of Health in the Department of Human Services.
- ③ Notify the Department of Environmental Protection immediately whenever taste or odor symptoms re-appear.
- ④ Not hold the DEP liable for any failure of the treatment unit in removing contamination. While every effort will be made to ensure that an adequate and reliable filtration system is installed, no guarantees can be made as to the long-term effectiveness of the filter system.
5. If the device is to be installed on rental property, the tenants must be shown the accompanying letter and must co-sign this form below.
- ⑥ Assume responsibility for the proper and reasonable care of the filter system.
- ⑦ Participate in a quarterly sampling program and be responsible for sending the water samples to the Human Services Health Lab.
- ⑧ Sign this form in the presence of a DEP Field Investigator or have it notarized.
9. Notify the DEP when the filter is no longer required.

This filter system may be removed under the following conditions:

1. If no damage claim is filed within six months.
2. If your consecutive quarterly water samples fail to show contamination.
3. A settlement of the third party damage claim.
4. If property is abandoned and/or unoccupied for a period of three months.
5. If improper care is used with the filter system.
6. An uncontaminated replacement water supply is provided.

Signed: _____

Robert F. Randall

Notary Public or DEP Representative



STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333
PUBLIC HEALTH LABORATORY
TELEPHONE (207) 289-2727



JOSEPH E. BRENNAN
GOVERNOR

MICHAEL R. PETIT
COMMISSIONER

Re: Sample Number:

Dear

On _____ we received a water sample for hydrocarbon analysis. Fuel oil/gasoline was detected at a concentration of _____ parts per billion.

Because of the complexity of these products, toxic effects are hard to assess. Exposure to petroleum products from skin contact and from inhalation of vapors, such as when showering, can create immediate health effects such as irritation of eyes, skin and mucous membranes, headache, fatigue, nervous system depression and dizziness. Exposure also occurs from drinking the water. Exposure for a long time may increase the risk of developing cancer.

Because there is no level of exposure to gasoline which can be considered "safe" and as a matter of public health policy, we recommend that the water supply not be used for any reason regardless of the level of contamination. However, we realize that not using the water can create a hardship, so we recommend the following guidelines when deciding whether or not to use petroleum contaminated water.

A water supply should not be used for showering or bathing if it contains greater than 50 parts per billion gasoline or fuel oil. Above 50 parts per billion odor can be detected and irritant effects can result. A water supply should not be used for drinking purposes on a long term basis (a maximum 2 year exposure period) if it contains gasoline exceeding 320 parts per billion or fuel oil exceeding 100 parts per billion. These are concentrations that should prevent chronic effects from developing within that time period.

If contamination levels are less than those outlined above, the following recommended practices will help to minimize exposure to these contaminants.

For Showering:

- a) Use a coarse rather than a fine spray,
- b) Use tepid rather than hot water,
- c) Keep the flow rate of the water slow,
- d) Limit the time of showering to less than fifteen minutes,
- e) Ventilate the room before, during and after showering,
- f) Shower in an alternate water supply if and when possible.

For Bathing:

- a) Use tepid water,
- b) Limit the time to less than fifteen minutes for adults and less than five minutes for children and infants.
- c) Bathe in an alternate water supply if and when possible.

Other Household Water Uses:

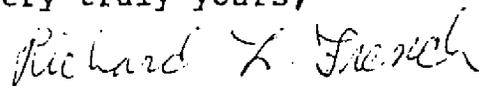
- a) Use cold water to wash laundry and dishes,
- b) Close off the area between the laundry and living areas during and after its use,
- c) Ventilate the area where handwashing dishes is done,
- d) Use an alternate water supply for washing dishes if and when possible,
- e) Use a laundrymat for washing clothes if and when possible.

If you have any further questions regarding potential health effects of these contaminants, please contact the Environmental Toxicology Program at 289-3591.

We are forwarding a copy of this report to the Department of Environmental Protection, which has personnel and possibly even financing to respond to and assist in situations similar to yours. Staff personnel at the DEP's Bureau of Oil and Hazardous Waste may be of some assistance with regard to correcting your problem. They can be reached at 289-2651 or through their environmental assistance line 1-800-452-1942.

If you have any questions regarding the specific analysis conducted by the Public Health Laboratory, please feel free to call us at 289-2727.

Very truly yours,



Richard L. French
Supervisor
Water Laboratory

RLF:ds

cc: Dept. of Environmental Protection
Div. of Health Engineering



NORLEN'S WATER TREATMENT SERVICE, INC.
 Route 15 - P.O. Box 46
 ORRINGTON, MAINE 04474

INVOICE AUG 02 1990

No 3819

(207) 825-4964

TO *Tom Kirk of England*
Wainwright Lodge
Barbo, Maine

DATE	<i>7/25/90</i>
CUSTOMER ORDER NO.	<i>FAN # 01-0435333</i>
SALE PERSON	<i>Robert F. Howard</i>
VIA	<i>Dwight Lodge</i>
	<i>Conda, Maine</i>

TERMS: Late charge of 1 1/2% per month after 30 days.

QUANTITY	DESCRIPTION	PRICE	AMOUNT
<i>10</i>	<i>50 lb Soda Sulf</i>	<i>5.85</i>	<i>58.50</i>
	<i>Miloga 130 meter @ .30</i>		<i>39.00</i>
	<i>Levied for 4.0 lb @ \$3.00</i>		<i>120.00</i>
	<i>Levied for 1.0 lb @ \$21.50</i>		<i>21.50</i>
	<i>REC'D 8/2/90</i>		
	<i># B-111-90</i>		
	<i>CASE # 50 DAY 06A 1546 342</i>		
	<i>OK # 014</i>		
	<i>Acc. # Robert F. Howard</i>		

ORIGINAL

Thank You!

LOWRY ENGINEERING, INC.

P.O. Box 189
Back Troy Road
UNITY, MAINE 04988

AUG 14 1990

LETTER

(207) 948-3790

Date August 10, 1990

To Bob Randall
DEP - 106 Hogan Road
Bangor, ME 04401

Subject

Dear Bob,

Please accept our sincere apologies for the inexcusable, long delay in getting these results. Actually, I never would have found them except by chance: Joyce was in a car accident July 4, and came back into the office just long enough to put together a file of "things to do". She didn't tell anyone about this new file, and she never came back to work due to repercussions. Thus, these sample results, which were available a month ago, were just found today.

Again, I apologize for the long delay, and hope these are still of use to you.

Please reply No reply necessary

SIGNED

Jeffrey Lowry, P.E.

NORLEN'S WATER TREATMENT SERVICE, INC.
 Route 15 - P.O. Box 46
 ORRINGTON, MAINE 04474

INVOICE
 NOV 14 1990
 No 4087

(207) 825-4964

TO Amherst College
Wesley Hall
Worcester, Mass
01097, Main 04401

TERMS: Late charge of 1 1/2% per month after 30 days.

DATE	11/12/90
CUSTOMER ORDER NO.	11112-01-0435333
SALESPERSON	Norm
VIA	FAX # 01-0435333

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	Large metal cylindrical filter and water system		
	2 x 6 x 12.5	150.00	300.00
	(9/24/90 - 3/24/91)		
	NECESSARY TO 11/14/90 242		
	NECESSARY TO PAY 1546 242		
	SALE ON 50 6A Demand		
	NECESSARY TO 11/14/90 242		

ORIGINAL

Thank You!

PRODUCT USE: (1-800-333-3333) Inc. Group, Mass (0147), 15 Other PHONE TOLL FREE 1-800-254-5300

LOWRY ENGINEERING, INC.

P.O. Box 189
 Back Troy Road
 UNITY, MAINE 04988

(207) 948-3790

INVOICE

No 1786

JAN 1991

DATE 12/31/90	ORDER NO. Robert Randall
SHIP TO	
Ref: Dwight Rogers	

TO
 Dept. of Environmental Protection
 106 Hogan Road
 Bangor, ME 04401

SALESPERSON	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS	
QUANTITY 2		DESCRIPTION Hexane MicroExtraction Analyses		Net 30 UNIT PRICE 90.00	TOTAL 180.00
<p><i>RECEIVED</i> JAN 07 1991 SPILL # B-111-90 ACC. # 014 06A 1546 342 ON TO PAY Robert F. Randall</p>					

ORIGINAL

PRODUCT 105-3  Inc., Groton Mass 01471 To Order PHONE TOLL FREE 1-800-225-6380

Thank You

Oil & Hazardous Materials Report Form
Spill Number: B/326/92

Subject:

Name (Last, First MI): US NAVAL SECURITY GROUP
Address: PUBLIC WORKS DEPT. Town: WINTER HARBOR
State: ME Zip-code: 04693 Telephone: 2079637580

Spill Information:

Location (Town): COREA Spill Type: A
Amount spilled: 15.00 gals.Y cu. yds.N lbs.N bbls.N
Type of spill: 29
Date of Spill: 92/06/24 (yy/mm/dd) Time of Spill: 1030 (Military)
Date Reported: 92/06/24 (yy/mm/dd) Time Reported: 1540 (Military)
Cause: 09 Detection method: 2I
Incident code: HNAL DEP response time involved: 3.0 (hours)
Number of wells at risk: 0 Number of wells impacted: 0
Investigators' names: 1. RANDALL, ROBERT F.
2. _____
3. _____

Person Reporting Incident:

Name (Last, First MI): WOODWARD, DALE
Address: US NAVAL SEC. GROUP Town: WINTER HARBOR
State: ME Zip-code: 04693 Telephone: 2079637580

Oil & Hazardous Materials Report Form

Spill Number: B/326/92 (continued)

Clean-up Information:

Total product recovered: 14.00 gals.Y cu. yds.N lbs.N bbls.N
Method: G Non-recyclable: _____ gals.N bbls.N
Solids: combustible: _____ cu. yds.N tonsN
non-combustible: 1.5 cu.yds.
Recyclable material: _____ gals.N cu. yds.N lbs.N bbls.N
Number of filters installed: 0 Number of aerators installed: 0
Disposal information:

MATERIAL WAS REMOVED FOR AERATION

Other Actions:

Reimbursement: to SF (surface water): N (Y/N)
to GF (ground water): N (Y/N)
to HWE (haz waste): N (Y/N)
Third party damage claim expected: N (Y/N)
Enforcement Referral: N (Y/N)

NAME OF CHEMICAL INVOLVED:

TANK ABANDONMENT INFORMATION

SPILL NUMBER _____ - _____ - _____

DATE OF INVESTIGATION ____/____/____

Facility name _____

Address _____

Phone Number _____

Contractor name _____

Address _____

Phone number _____

_____ 10 day notice provided

_____ Less than 10 days provided

_____ Notice waived

_____ No notice given

*** PLEASE CHECK (✓) APPROPRIATE FIELDS ***

Samples taken : SOIL _____ GROUNDWATER _____ TANK CONTENTS _____ PHOTOGRAPHS TAKEN _____

Please number the tanks viewed _____

General Tank Information

UST Reg. # _____

Size of Tank _____

Tank Construction (Tbl L) _____

Tank Age (Tbl M) _____

Piping Const. (Tbl L) _____

Status (Tbl P) _____

Tank Condition

Holes observed _____

More than 10 holes _____

Tank not observed _____

Pipe Condition

Piping not to Regulation _____

No leaks observed _____

Broken fittings _____

Leaking fittings _____

Corrosion leaks _____

Piping removed _____

Piping not observed _____

Tank Installastion Condition

Tank on bedrock _____

Tank within 3' of bedrock _____

Water table seen in hole _____

Back filled with sand _____

" " w/ crushed stone _____

Non standard fill used _____

Soil Contamination

No contamination observed _____

Odor only noted _____

Soil contaminated _____

Free product observed _____

Distance to Drinking Water

Public supply within 1000' _____

Nearest private supply _____

within 300' not owned _____

by the tank owner. _____

Tank Contents

Reg. gasoline _____

Leaded gasoline _____

#2 Fuel or Diesel _____

#6 oil _____

Other _____

If more than five tanks are observed use the back of another spill report and use "Page ____ of ____" to track all the pages used. Remember to put the Spill Number at the top of each new page.

Page ____ of ____

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT FORM

Spill Number B - 326 - 92

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): US NAVAL SECURITY GROUP

Mailing Address: PUBLIC WORKS DEPT.

Town: WINTER HARBOR

State: ME Zip: 04693

Telephone: (207) 963-7580

Comments:

LOCATION / FACILITY INFORMATION

Spill Location: US NAVAL SECURITY GROUP

Address:

Location ID: 14454

Minor Civil Division: GOULDSBORO

Zip:

Latitude N: / /

Longitude W: / /

SPILL / EVENT INFORMATION

Spill Type: A (Table A) Amount Spilled: 15.00 G (Gals, Yds³, Lbs or Bbls)

Product Reported Spilled: 29 (Table B) Product Actually Found: 29 (Table B)

Date Of Spill: Jun. 24, 1992 Time Of Spill: 1030 (Military)

Date Reported: Jun. 24, 1992 Time Reported: 1540 (Military)

Cause Of Spill: 09 (Table C) Detection Method: 2 I (Table D)

Incident Code: H - NA - L - (Table E)

DEP response time involved: 3 Wells At Risk: 0 Wells Impacted: 0

Investigators' names : RANDALL, ROBERT

PERSON REPORTING EVENT

Name (Last, First, MI): WOODWARD, DALE

Address: US NAVAL SEC. GROUP

Town: WINTER HARBOR

State: ME Zip Code: 04693

Telephone: (207) 963-7580

CLEAN-UP INFORMATION

Spill Number B - 326 - 92

Total Product Recovered : 14.00 G (Gals, Yds3, Lbs, Tons or Bbls)

Method of Recovery : G

Non Recyclable : (Gals, Tons or Bbls)

Solids Combustible : (Yds3 or Tons)

Solids Non Combustible : 1.50 Yds3

Recyclable : (Gals, Yds3, Lbs, Tons or Bbls)

Number Filters Installed : 0

Number Aerators Installed : 0

Disposal Information : MATERIAL WAS REMOVED FOR AERATION

OTHER ACTIONS

Expenditure (s) - From Surface Water Fund N (Y or N)
 From Ground Water Fund N (Y or N)
 From Haz Waste Fund N (Y or N)

Third Party Damage Claim Expected N (Y or N)

Enforcement Referral N (Y or N)

Insurance Fund Claim (Y or N)

Tech Services Referral (Y or N)

UNDERGROUND TANKS INFORMATION

UNO/UST Site Number	Tank Number	Size Of Tank	Tank Material	Tank Age	Piping Material	Tank Status
------------------------	----------------	-----------------	------------------	-------------	--------------------	----------------

Please use separate sheets of paper, as needed, for your detailed Recommendations and Spill Narrative. Remember to include/attach directions to find spill site (with a map if possible), all observations made, clean up actions performed and photos (if taken).

Include known chemical names when report is about Hazardous Materials.

Please, document your information carefully. It may be needed for future reference or legal action.

B/326/92

Page 3

This office received a call at 1540 on 6/24/92 from Dale Woodward (US Naval Security Group: Winter Harbor) reporting an oil spill. He stated that approximately 15 gallons of diesel were spilled at their facility in Corea. This occurred at BLDG. #85 around 1030, while R.H. Foster, Inc. (Machias) was in the process of filling a new tank (recently installed by Empro). Oil sprayed out the vent and covered a three foot area on new backfill material. There were no drains or State waters involved in this incident. The soil will be removed as soon as the arrangements can be made.

I was later informed that 1 1/2 cubic yards of contaminated material were excavated and taken to R.H. Foster's site in Cooper for temporary aeration.

REC: File Report

RR:mab

**MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT FORM**

Spill Number B - 39 - 93

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): NAVY SECURITY GROUP ACTIVITY

Mailing Address: CODE 40-B

Town: WINTER HARBOR

State: ME Zip: 046930216

Telephone: (207) 963-7580

Comments:

LOCATION / FACILITY INFORMATION

Spill Location: NAVY SECURITY GROUP

Address:

Location ID: 16407

Minor Civil Division: GOULDSBORO

Zip:

Latitude N: / /

Longitude W: / /

SPILL / EVENT INFORMATION

Spill Type: A (Table A) Amount Spilled: 20.99 G (Gals, Yds3, Lbs or Bbls)

Product Reported Spilled: 29 (Table B) Product Actually Found: 29 (Table B)

Date Of Spill: Jan. 25, 1993 Time Of Spill: 0830 (Military)

Date Reported: Jan. 25, 1993 Time Reported: 0935 (Military)

Cause Of Spill: 17 (Table C) Detection Method: 2 I (Table D)

Incident Code: H - NA - L - (Table E)

DEP response time involved: 1 Wells At Risk: 0 Wells Impacted: 0

Investigators' names : LUCE, DARRYL

PERSON REPORTING EVENT

Name (Last, First, MI): WOODWARD, DALE - AS ABOVE

Address:

Town:

State: Zip Code:

Telephone:

CLEAN-UP INFORMATION

Spill Number B - 39 - 93

Total Product Recovered : 20.00 G (Gals, Yds3, Lbs, Tons or Bbls)

Method of Recovery : G

Non Recyclable : (Gals, Tons or Bbls)

Solids Combustible : (Yds3 or Tons)

Solids Non Combustible : 0.10 Yds3

Recyclable : (Gals, Yds3, Lbs, Tons or Bbls)

Number Filters Installed : 0

Number Aerators Installed : 0

Disposal Information : STORED ON SCENE

OTHER ACTIONS

Expenditure (s) -	From Surface Water Fund	N	(Y or N)
	From Ground Water Fund	N	(Y or N)
	From Haz Waste Fund	N	(Y or N)
Third Party Damage Claim Expected		N	(Y or N)
Enforcement Referral		N	(Y or N)
Insurance Fund Claim			(Y or N)
Tech Services Referral			(Y or N)

UNDERGROUND TANKS INFORMATION

UNO/UST Site Number	Tank Number	Size Of Tank	Tank Material	Tank Age	Piping Material	Tank Status
------------------------	----------------	-----------------	------------------	-------------	--------------------	----------------

Please use separate sheets of paper, as needed, for your detailed Recommendations and Spill Narrative. Remember to include/attach directions to find spill site (with a map if possible), all observations made, clean up actions performed and photos (if taken).
 Include known chemical names when report is about Hazardous Materials.
 Please, document your information carefully. It may be needed for future reference or legal action.

ENFORCEMENT

REIMBURSEMENT

3rd PARTY CLAIM

INS. CLAIM

Oil & Hazardous Materials Report Form
Spill Number: B/039/93

Subject:

Name (Last, First MI): NAVY SECURITY GROUP ACTIVITY
Address: CODE 40-8 Town: WINTER HARBOR
State: ME Zip-code: 046930216 Telephone: 2079637580

Spill Information:

Location (Town): [redacted] Spill Type: A
Amount spilled: 20.90 gals.Y cu. yds.N lbs.N bbls.N
Type of spill: 29
Date of Spill: 93/01/25 (yy/mm/dd) Time of Spill: 0830 (Military)
Date Reported: 93/01/25 (yy/mm/dd) Time Reported: 0935 (Military)
Cause: 17 Detection method: 21
Incident code: HNAL DEP response time involved: 1.0 (hours)
Number of wells at risk: 0 Number of wells impacted: 0
Investigators' names: 1. LUCE, DARRYL
2. _____
3. _____

Person Reporting Incident:

Name (Last, First MI): WOODWARD, DALE -- AS ABOVE
Address: _____ Town: _____
State: _____ Zip-code: _____ Telephone: _____

Oil & Hazardous Materials Report Form

Spill Number: B/039/93 (continued)

Clean-up Information:

Total product recovered: 20.00 gals.Y cu. yds.N lbs.N bbls.N
Method: 0 Non-recyclable: _____ gals.N bbls.N
Solids: combustible: _____ cu. yds.N tonsN
non-combustible: 0.1 cu.yds.
Recyclable material: _____ gals.N cu. yds.N lbs.N bbls.N
Number of filters installed: 0 Number of aerators installed: 0
Disposal information:
STORED ON SCENE

Other Actions:

Reimbursement: to SF (surface water): N (Y/N)
to GF (ground water): N (Y/N)
to HWF (haz waste): N (Y/N)
Third party damage claim expected: N (Y/N)
Enforcement Referral: N (Y/N)

NAME OF CHEMICAL INVOLVED: diesel

B/039/93

Page 2

Mr. Woodward called to report that about 20 gallons of diesel had leaked from a truck on the Corea base. The fuel filter had been recently changed and apparently did not seal. There was a 5' x 5' stain on the gravel lot. As it was about 150' to the nearest well, Mr. Woodward excavated the stained area and moved it to a secure sight for disposal at a late date. I recommended simple air drying this spring.

REC: File Report
DL/mab

A handwritten signature in black ink, appearing to be a stylized 'J' or similar character, located to the right of the typed text.

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT FORM

Spill Number B - 6 - 95

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): DEPARTMENT OF THE NAVY

Address: NAVAL SECURITY GROUP ACTIVITY

Town: WINTER HARBOR

State: ME Zip: 04693

Telephone: (207) 963-5534

Comments: DIESEL SPILL

LOCATION / FACILITY INFORMATION

Spill Location: NSGA

Address: COREA SITE/BLDG 153

Location ID: 21733

Town: COREA

Zip:

Latitude N: / /

Longitude W: / /

SPILL / EVENT INFORMATION

Spill Type: A (Table A)

Amount Spilled: 25.90

G (Gals, Yds³, Lbs or Bbls)

Product Reported Spilled: 29 (Table B)

Product Actually Found: 29 (Table B)

Date Of Spill: Jan. 06, 1995

Time Of Spill: 1500 (Military)

Date Reported: Jan. 06, 1995

Time Reported: 1540 (Military)

Cause Of Spill: 09 (Table C)

Detection Method: 2 I (Table D)

Incident Code: H - NA - L - (Table E)

DEP response time involved: 5

Wells At Risk: 0

Wells Impacted: 0

Investigators' names : WHITTIER JR, ROBERT *BW*

PERSON REPORTING EVENT

Name (Last, First, MI): MILLER, JIM (ENVIRONMENTAL COORDINATOR)

Address: NAVAL SECURITY GROUP

Town: WINTER HARBOR

State: ME Zip Code: 04693

Telephone: (207) 963-5534

CLEAN-UP INFORMATION

Spill Number B - 6 - 95

Total Product Recovered : (Gals, Yds3, Lbs, Tons or Bbls)

Method of Recovery : C

Non Recyclable : (Gals, Tons or Bbls)

Solids Combustible : 0.19 Y (Yds3 or Tons)

Solids Non Combustible : Yds3

Recyclable : (Gals, Yds3, Lbs, Tons or Bbls)

Number Filters Installed : 0

Number Aerators Installed : 0

Disposal Information : disposed of by Hancock Oil of Ellsworth (Webber)

OTHER ACTIONS

Expenditure (s) - From Surface Water Fund	N	(Y or N)
From Ground Water Fund	N	(Y or N)
From Haz Waste Fund	N	(Y or N)

Third Party Damage Claim Expected N (Y or N)

Enforcement Referral N (Y or N)

Insurance Fund Claim N (Y or N)

Tech Services Referral N (Y or N)

UNDERGROUND TANKS INFORMATION

UNO/UST Site Number	Tank Number	Size Of Tank	Tank Material	Tank Age	Piping Material	Tank Status
------------------------	----------------	-----------------	------------------	-------------	--------------------	----------------

Please use separate sheets of paper, as needed, for your detailed Recommendations and Spill Narrative. Remember to include/attach directions to find spill site (with a map if possible), all observations made, clean up actions performed and photos (if taken).

Include known chemical names when report is about Hazardous Materials.

Please, document your information carefully. It may be needed for future reference or legal action.

B-06-95
01/05/95 15:40

Jim Miller, Environmental Coordinator for the Winter Harbor Naval Security Group Activity, called to report a small spill at their facility in Corea. It was reported that approximately 25 gallons spilled during the overflow of an underground tank. Most of the oil was contained on ice covered ground and subsequently cleaned up with sorbent pads. No resources of the State are believed to be affected.



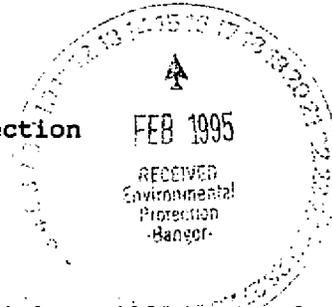
DEPARTMENT OF THE NAVY

NAVAL SECURITY GROUP ACTIVITY
WINTER HARBOR, MAINE 04699-0010

IN REPLY REFER TO:

9540
Ser OOG/ 0102
8 Feb 95

Maine Department of Environmental Protection
Attn: Mr. Robert S. Whittier
Bureau of Response Services
Bangor, ME 04401



Gentlemen:

Enclosed is a completed hazardous materials spill report for a small petroleum spill at Naval Security Group Activity, Winter Harbor. If you have any questions regarding this correspondence, please feel free to contact me at (207) 963-5534 extension 458.

Sincerely,

J. MILLER
Environmental Coordinator
By direction
of the Commanding Officer

Enclosure:

(1) Completed Spill Response Form

**OIL AND/OR HAZARDOUS MATERIAL SPILL
BANGOR REGIONAL OFFICE REPORT**

DATE AND TIME OF CHEMICAL DISCHARGE: 06 January 95, 1500 hrs. This spill was reported to the Maine Department of Environmental Protection (MDEP), Mr. Robert Whittier, on 06 January 1995, 1515 hrs.

NAME AND ADDRESS OF PARTIES INVOLVED: Naval Security Group Activity, Winter Harbor (NSGAWH) Environmental Management/Hancock Oil Company, 186 Main Street, Ellsworth, ME.

EXACT LOCATION OF SPILL: NSGAWH, Corea Operations, Building 153 Diesel Generator Underground Storage Tank (UST).

AMOUNT AND TYPE OF CHEMICAL(S) DISCHARGED: Approximately 25 gallons of Diesel Fuel.

COMPLETE DESCRIPTION OF CIRCUMSTANCES CAUSING DISCHARGE: The capacity of the UST to hold fuel was overestimated by the delivery truck driver/operator, an employee of Hancock Oil Company. The receiving UST fill was designed to receive pressurized fuel deliveries, in which a tight seal between the connecting delivery hose and a 4" fill pipe is obtained. When the receiving tank becomes 90% full, a float is triggered obstructing the tanks delivery pipe from receiving additional fuel, creating a back pressure which stops the dispensing of fuel and triggers both a audible and visual tank alarm.

During the 06 January 1995 fuel delivery, fuel was dispensed using a standard (1.5 inch) nozzle, not the preferred pressurized delivery system. As a result, when the capacity of the tank to hold fuel was overestimated and the UST delivery pipe float was activated at 90% capacity, the fuel truck continued to dispense fuel into the closed pipe, resulting in overflow and spillage.

AMOUNT OF CHEMICAL(S) RECOVERED: Estimated 25 gallons.

LOCATION AND METHOD OF CHEMICAL/DEBRIS DISPOSAL: All absorbent soaked pads and recovered product (fuel/snow) were containerized and remained on site until 7 January 1995. On 7 January 1995, the contaminated debris was transported to Hancock Oil Company in Ellsworth, ME for disposal at a later date.

NAME AND ADDRESS OF ANY PERSON, FIRM OR CORPORATION SUFFERING DAMAGES DUE TO THIS DISCHARGE: No environmental damage was evidenced upon completion of spill clean up procedures. A heavy snow pack and unseasonably cold day-time temperatures (15 °F) helped contain the spill.

PRECAUTIONS, METHODS, AND PRECAUTIONS INSTITUTED TO PREVENT SIMILAR OCCURRENCES FROM REOCCURRING: The contractor delivering fuels will manually measure (stick test) each UST to ensure adequate capacity to hold fuel is known. When the tank is approaching capacity, the delivery will be slowed.

ADDITIONAL COMMENTS: None.

REPORT PREPARED BY: NSGAWH Environmental Manager, Mr. Jim Miller (Code 00G), phone (207) 963-5534 Extension 458.

Enclosure (1)

SPILL EXPENDITURE TRACKING FORM

I.

TO: Doris Breton, BHMSWC FROM: S. Jones

DATE: NOV 09 1995 SPILL REPORT NUMBER: B - 006 - 95

FINAL INVOICE: _____ ADDENDUM: Winter Harbor

SUBJECT (check off below):

Individual Ability to Pay (IAPP) Candidate AST/UST Fund Coverage Claim (approved)

Potential AST/UST Fund Coverage Applicant (waiting for determination) Request Reimbursement

Mystery Spill Do not Request Reimbursement (attach memo with explanation)

R.P. to be Determined

II.

NAME AND ADDRESS OF RESPONSIBLE PARTY: Dept. of the Navy

III.

TYPE OF PRODUCT SPILLED: _____ DATE OF SPILL: _____

TOWN WHERE SPILL OCCURRED: _____ INVESTIGATOR: _____

IV.

ACCOUNT NUMBER (check off below):

014-06A-1546-342 Coastal/Surface 014-06A-1546-142 Hazardous Waste

014-06A-1546-442 Groundwater LUST/Trust Clean up (large contract subaccounts only-please list below)

014-06A-1517-442 UST Insurance Claim _____

014-06A-1519-442 AST Insurance Claim Other (list account number)

V.

Please list contractor/vendor name or DEP stock item, invoice number, and amount of invoices.

<u>SUMMARY OF ITEMS/SERVICES</u>	<u>COST</u>
<u>Ronald Ward invoice # 1105077</u>	_____
<u>ISM Sample # 95E-DDR-05458</u>	<u>50.00</u>
<u>" " " " -05459</u>	<u>50.00</u>
_____	_____
_____	_____
_____	_____
TOTAL OF INVOICES/SERVICES:	<u>100.00</u>

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT FORM

Spill Number B - 0550 - 98

Report Status: FINAL

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): NAVAL SECURITY GROUP ACTIVITY

Address: POBOX 5000

Town: WINTER HARBOR

State: ME Zip Code: 04693-5000

Telephone: (207) 963-5534

Ext: 458

Comments: ONE GALLON COMPRESSOR OIL SPILL

LOCATION / FACILITY INFORMATION

Name of Spill Location: NAVAL SECURITY GROUP ACTIVITY

Address:

Location ID: 29188

Minor Civil Division: GOULDSBORO

Local Name: COREA

Latitude N:

Longitude W:

SPILL / EVENT INFORMATION

Spill Type: A (Table A) Amount Spilled: 1.00G (Gallons, Cubic Yards, Pounds, Barrels)

Product Reported Spilled: 10 (Table B) Product Actually Found: 10 (Table B)

Date Of Spill: August 20, 1998

Time Of Spill:

Date Reported: August 20, 1998

Time Reported: 1305

Cause: 05 (Table C)

Detection Method: 2 L (Table D)

Incident Code: H - ML - L - (Table E)

Response Time Involved: 2.0

Wells At Risk: 0

Wells Impacted: 0

Investigator(s)

LUCE, DARRYL

AFW

REPORTING INFORMATION

Name (Last, First, MI): MILLER, JIM NAVAL SECURITY GROUP ACT.

Address: POBOX 5000

Town: WINTER HARBOR

State: ME Zip Code: 04693-5000

Telephone: (207) 963-5534

Ext: 458

CLEAN-UP INFORMATION

Spilled Product Recovered: 1.00 G Method: G (Table K)
 Other Product Recovered: Method: (Table K)
 D-Tree Code: D-Tree Date:
 Contaminated Soil: 0.27 Y (Cubic Yards or Tons)
 Disposal Info: thru licensed contractor

OTHER ACTIONS

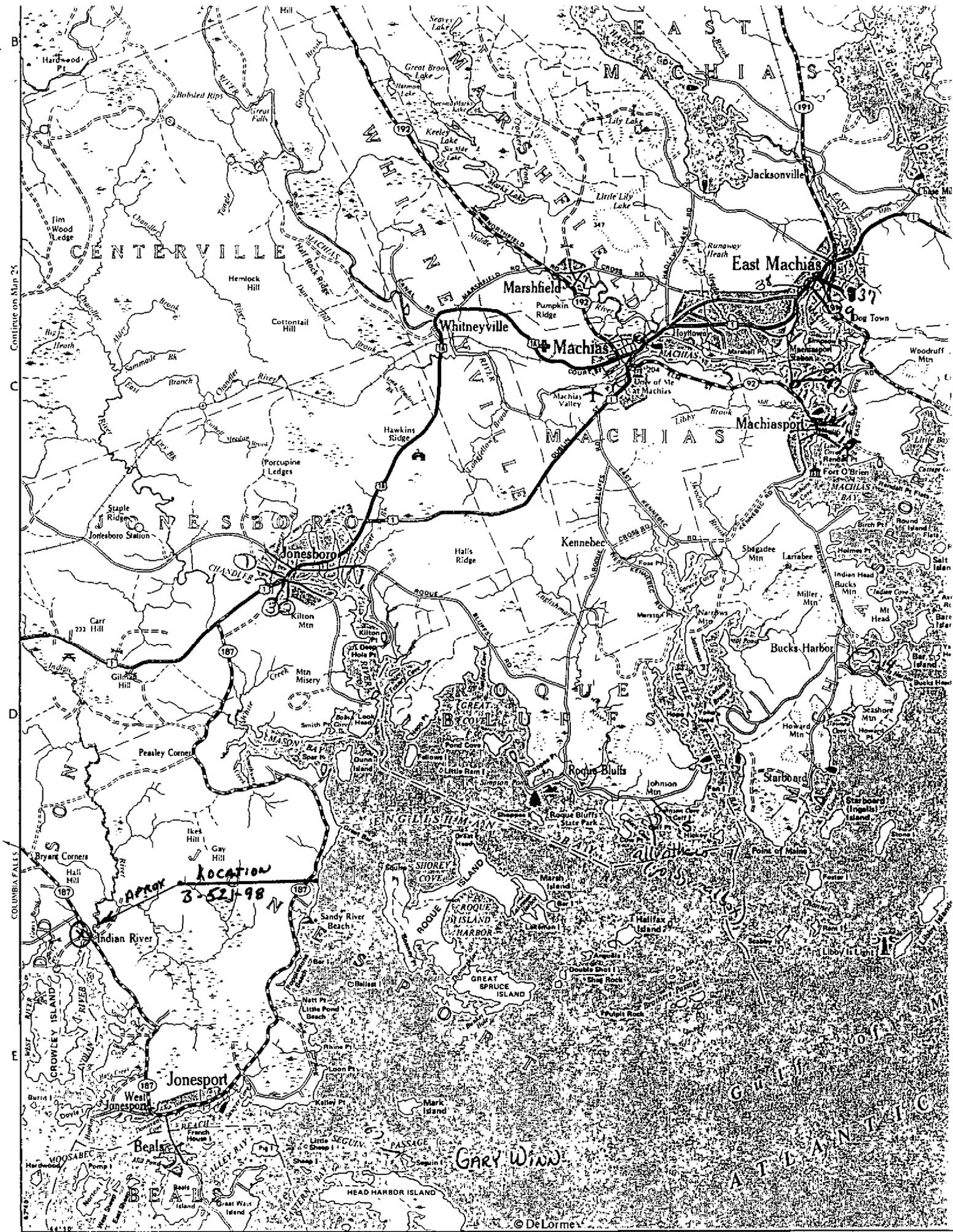
Expenditure(s):	Third Party Damage Claim Expected:	N
From Surface Water Fund: N	Enforcement Referral:	N
From Ground Water Fund: N	Insurance Fund Claim:	N
From Hazardous Waste Fund: N	Technical Services Referral:	N

UNDERGROUND TANK(S) INFORMATION

Tank Registration Number: Number of Tanks Abandoned:

NARRATIVE

Mr. Miller called to report that a condensor unit for a water chiller outside building #153 failed causing the release of about one gallon of lube oil onto the ground. They dug up about a fifty five gallon drum of dirt to clean up the spill. This dirt will be shipped out by a licensed waste hauler.



OIL AND/OR HAZARDOUS MATERIAL SPILL REPORT BANGOR REGIONAL OFFICE REPORT

DATE AND TIME OF CHEMICAL DISCHARGE: An estimated 1 gallon of compressor oil was released to soils at approximately 0915 hrs, 20 August 1998. This spill was reported to the Maine Department of Environmental Protection (MDEP) Bangor Regional Office on 1310 hrs 20 August 98; telephone number 207-941-4570. The verbal report was received by Mr. Daryl Luce, MDEP, Environmental Specialist.

NAME AND ADDRESS OF PARTIES INVOLVED: Naval Security Group Activity (NSGA) Winter Harbor, 10 Fabbri Green, Suite 216, Winter Harbor, Maine 04693-7001.

EXACT LOCATION OF SPILL: The North-West lawn of the NSGA Winter Harbor Building 153 Complex, Corca Operations, Town of Gouldsboro, Maine.

AMOUNT AND TYPE OF CHEMICAL(S) DISCHARGED: An estimated 1 gallon of compressor oil was released to soils through a Freon (R-22) pressure release valve associated with Building 153 Water Chiller System # 3, Condenser Unit # 3 (CU-3).

COMPLETE DESCRIPTION OF CIRCUMSTANCES CAUSING DISCHARGE : This spill was caused by human error during repair of Building 153 Water Chiller System # 3. In preparation for repair of a fan located on CU-3, maintenance personnel shut off electrical power to CU-3 without first cutting power to the associated water chiller compressor. With the compressor still running in the absence of system cooling, the systems gas pressure exceeded the minimum threshold of a spring loaded pressure relief valve causing the release of R-22 and small amount of compressor oil.

AMOUNT OF CHEMICAL(S) RECOVERED: This spill was promptly reported by Building 153 occupants and Public Works maintenance personnel triggering rapid response by the NSGA Winter Harbor Fire Department. All contaminated soils were excavated and placed in a UN specification steel 55 gallon drum. A small oil stain on the exterior of Bldg. 153 was removed from the wall by hand scrubbing using a simple green water/detergent mixture. This wastewater was transferred to a 5 gallon UN specification plastic container. In total, contaminated soils and disposable Personnel Protective Equipment (PPE) totaling 221 lbs. were generated. In addition, 16 lbs. of contaminated wash water was generated as a result of cleaning the exterior wall. Both waste streams will be disposed of in accordance with State and Federal environmental regulations using contracted services provided by a professional waste management company.

LOCATION AND METHOD OF CHEMICAL/DEBRIS DISPOSAL: All waste will be held in the facilities less than 90-day hazardous waste accumulation area until removal from the site under manifest using a professional waste management service provider.

NAME AND ADDRESS OF ANY PERSON, FIRM OR CORPORATION SUFFERING DAMAGES DUE TO THIS DISCHARGE: Since contaminated soil associated with this small spill were quickly removed by emergency response personnel, no permanent environmental damage resulted.

PRECAUTIONS, METHODS, AND PRECAUTIONS INSTITUTED TO PREVENT SIMILAR OCCURRENCES FROM REOCCURRING: In the future, maintenance personnel will cut electrical power to water chiller compressor units prior to shutting down condenser units.

ADDITIONAL COMMENTS: None

REPORT PREPARED BY: NSGAWH Environmental Manager, Mr. Jim Miller (Code 00G), phone number (207) 963-5534 Extension 458.

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL

of pages **1**

To DARYL LUCE	From JIM MILLER
Dept./Agency MDEP	Phone # 963-5534 EXT. 458
Fax # 207-941-4570	Fax # 207-941-4570

**OIL AND/OR HAZARDOUS MATERIAL SPILL REPORT
BANGOR REGIONAL OFFICE REPORT**

ORIGINAL

DATE AND TIME OF CHEMICAL DISCHARGE: An estimated 1 gallon of compressor oil was released to soils at approximately 0915 hrs, 20 August 1998. This spill was reported to the Maine Department of Environmental Protection (MDEP) Bangor Regional Office on 1310 hrs 20 August 98; telephone number 207-941-4570. The verbal report was received by Mr. Daryl Luce, MDEP, Environmental Specialist.

NAME AND ADDRESS OF PARTIES INVOLVED: Naval Security Group Activity (NSGA) Winter Harbor, 10 Fabbri Green, Suite 216, Winter Harbor, Maine 04693-7001.

EXACT LOCATION OF SPILL: The North-West lawn of the NSGA Winter Harbor Building 153 Complex, Corea Operations, Town of Gouldsboro, Maine.

AMOUNT AND TYPE OF CHEMICAL(S) DISCHARGED: An estimated 1 gallon of compressor oil was released to soils through a Freon (R-22) pressure release valve associated with Building 153 Water Chiller System # 3, Condenser Unit # 3 (CU-3).

COMPLETE DESCRIPTION OF CIRCUMSTANCES CAUSING DISCHARGE : This spill was caused by human error during repair of Building 153 Water Chiller System # 3. In preparation for repair of a fan located on CU-3, maintenance personnel shut off electrical power to CU-3 without first cutting power to the associated water chiller compressor. With the compressor still running in the absence of system cooling, the systems gas pressure exceeded the minimum threshold of a spring loaded pressure relief valve causing the release of R-22 and small amount of compressor oil.

AMOUNT OF CHEMICAL(S) RECOVERED: This spill was promptly reported by Building 153 occupants and Public Works maintenance personnel triggering rapid response by the NSGA Winter Harbor Fire Department. All contaminated soils were excavated and placed in a UN specification steel 55 gallon drum. A small oil stain on the exterior of Bldg. 153 was removed from the wall by hand scrubbing using a simple green water/detergent mixture. This wastewater was transferred to a 5 gallon UN specification plastic container. In total, contaminated soils and disposable Personnel Protective Equipment (PPE) totaling 221 lbs. were generated. In addition, 16 lbs. of contaminated wash water was generated as a result of cleaning the exterior wall. Both waste streams will be disposed of in accordance with State and Federal environmental regulations using contracted services provided by a professional waste management company.

LOCATION AND METHOD OF CHEMICAL/DEBRIS DISPOSAL: All waste will be held in the facilities less than 90-day hazardous waste accumulation area until removal from the site under manifest using a professional waste management service provider.

NAME AND ADDRESS OF ANY PERSON, FIRM OR CORPORATION SUFFERING DAMAGES DUE TO THIS DISCHARGE: Since contaminated soil associated with this small spill were quickly removed by emergency response personnel, no permanent environmental damage resulted.

PRECAUTIONS, METHODS, AND PRECAUTIONS INSTITUTED TO PREVENT SIMILAR OCCURRENCES FROM REOCCURRING: In the future, maintenance personnel will cut electrical power to water chiller compressor units prior to shutting down condenser units.

ADDITIONAL COMMENTS: None

REPORT PREPARED BY: NSGAWH Environmental Manager, Mr. Jim Miller (Code 00G), phone number (207) 963-5534 Extension 458.

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL & HAZARDOUS MATERIALS REPORT FORM

Spill Number **B - 0082 - 00**

Report Status: **FINAL**

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): MYRICK, ETHEL

Address: CROWLEY ISLAND ROAD

Town: COREA

State: ME Zip Code: 04624

Telephone: (207) 963-7115

Ext:

Comments: AST LEAK AT RESIDENCE.

LOCATION / FACILITY INFORMATION

Name of Spill Location: MYRICK, ETHEL

Address: CROWLEY ISLAND ROAD

Location ID: 33322

Minor Civil Division: GOULDSBORO

Local Name: COREA

Latitude N:

Longitude W:

SPILL / EVENT INFORMATION

Spill Type: A (Table A) Amount Spilled: 1.99 G (Gallons, Cubic Yards, Pounds, Barrels)

Product Reported Spilled: 01 (Table B) Product Actually Found: 01 (Table B)

Date Of Spill: February 17, 2000

Time Of Spill:

Date Reported: February 17, 2000

Time Reported: 1140

Cause: 01 (Table C)

Detection Method: 6 L (Table D)

Incident Code: B - SF - L - A (Table E)

Response Time Involved: 3.0

Wells At Risk: 0

Wells Impacted: 0

Investigator(s)

RANDALL, ROBERT

RFM

REPORTING INFORMATION

Name (Last, First, MI): HANCOCK OIL COMPANY (RICK)

Address: 186 MAIN STREET

Town: ELLSWORTH

State: ME Zip Code: 04605

Telephone: (207) 667-5571

Ext:

CLEAN-UP INFORMATION

Spilled Product Recovered: 1.99 G Method: C (Table K)
 Other Product Recovered: Method: K (Table K)
 D-Tree Code: D-Tree Date:
 Contaminated Soil: (Cubic Yards or Tons)
 Disposal Info: Sorbent material to be incinerated.

OTHER ACTIONS

Expenditure(s):	Third Party Damage Claim Expected:	N
From Surface Water Fund: N	Enforcement Referral:	N
From Ground Water Fund: N	Insurance Fund Claim:	N
From Hazardous Waste Fund: N	Technical Services Referral:	N

UNDERGROUND TANK(S) INFORMATION

Tank Registration Number:	Number of Tanks Abandoned:	0
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NARRATIVE

This office received a call at 1140 on 2/17/2000 from Rick at Hancock Oil Company (Ellsworth; #667-5571) reporting an oil spill. It was stated that the outside kerosene storage tank at Ethel Myrick's residence on the Crowlet Island Road in Corea had developed a leak. The owner discovered the problem this morning when she smelled oil. Apparently, the tank had not been leaking very long. The Company was in the process of replacing the tank and will pad up the oil. It was unknown at this point as to how much may have been spilled. They will try to determine the amount and call back. The tank was last filled in December. It is assumed that the residence is on well water.

REC: File report.

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL & HAZARDOUS MATERIALS REPORT FORM

Spill Number **B - 0202 - 00**

Report Status: **FINAL**

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): BRIDGES, ARLEEN

Address: P.O. BOX 75

Town: GOULDSBORO

State: ME Zip Code: 04624

Telephone: (207) 963-2311

Ext:

Comments: AST ANOMALY AT RESIDENCE

LOCATION / FACILITY INFORMATION

Name of Spill Location: BRIDGES, ARLEEN

Address: ROUTE 195

Location ID: 33832

Minor Civil Division: GOULDSBORO

Local Name: COREA

Latitude N:

Longitude W:

SPILL / EVENT INFORMATION

Spill Type: A (Table A) Amount Spilled: 30.00 G (Gallons, Cubic Yards,
Pounds, Barrels)

Product Reported Spilled: 01 (Table B) Product Actually Found: 01 (Table B)

Date Of Spill:

Time Of Spill:

Date Reported: April 12, 2000

Time Reported: 1400

Cause: 01 (Table C)

Detection Method: 6 N (Table D)

Incident Code: B - SF - L - A (Table E)

Response Time Involved: 17.0

Wells At Risk: 3

Wells Impacted: 0

Investigator(s)

LECKEY, CLEVE

REPORTING INFORMATION

Name (Last, First, MI): HANCOCK OIL DISPATCHER RICK

Address: HANCOCK OIL

Town: HANCOCK

State: ME Zip Code: 04640

Telephone: (207) 667-5571

Ext:

CLEAN-UP INFORMATION

Spilled Product Recovered: 30.00 G Method: G (Table K)
 Other Product Recovered: Method: K (Table K)
 D-Tree Code: S D-Tree Date: 12-APR-00
 Contaminated Soil: 18.00 Y (Cubic Yards or Tons)
 Disposal Info: 18 yd3 soil taken by A.R. Whitten.

OTHER ACTIONS

Expenditure(s):	Third Party Damage Claim Expected:	N
From Surface Water Fund: N	Enforcement Referral:	N
From Ground Water Fund: Y	Insurance Fund Claim:	Y
From Hazardous Waste Fund: N	Technical Services Referral:	N

UNDERGROUND TANK(S) INFORMATION

Tank Registration Number:	Number of Tanks Abandoned:	0
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NARRATIVE

On 4/12/00, 1400 hours Rick of Hancock Oil reported an AST anomaly at residential property of Arleen Bridges in Corea. Arleen spends her winters in Florida and hadn't returned to her Corea residence at the time. Evidently Hancock Oil personnel discovered the release as they were about to deliver fuel. From the amount of soil impacted I estimated the volume of the release to be 30 gallons. Bedrock was not far from grade (in fact the dwellings' basement had ledge outcropping) and surface ground water was 3-4 inches from grade, which may have stopped the product from getting into the bedrock aquifer. On 4/21/00 18 yd3 of soil was taken by A.R Whitten to an approved site on their property. Arleen's well is about 20 feet from the spill area and has not shown signs of contamination yet. Other wells will be sampled as the owners return to Corea for the summer.

On 5/2/00 Bridges' and Mastrovitoes' wells were sampled. Bridges' is the closest but Mastrovitoes' is more vulnerable in terms of strike. Both came back clean. Both parties have our number so they can call us in the event their water quality changes.

DEP HYDROCARBON SPILL DECISION TREE (February 1995)

Spill No. B 202 00

Investigator: Cleve Leckey

Date: 4 21 00

Site Name, Address: Arleck Bridges Rte 195

Town: COLEB

	If "Yes" Go To	If "No" Go To
<u>1.</u> Is a public water supply well located within 2000 feet of the leak or discharge site, or is the site located within wellhead protection zones 1 or 2 of a public water supply well?	12	<u>2</u>
<u>2.</u> Is the leak or discharge site located in or over a sand and gravel deposit?	2A	<u>3</u>
<u>2A.</u> Is the entire area, within a 2000 foot radius of the leak or discharge site, a non-attainment zone?	2B	12
<u>2B.</u> Is there potential for vapor problems within buildings or for a confined space fire or explosion hazard?	13	11A
<u>3.</u> Was the release directly into bedrock or is the bedrock groundwater system contaminated?	<u>9</u>	4
<u>4.</u> Was the release directly into a glacial till deposit?	9	5
<u>5.</u> Was the release into a silt or clay deposit?	6	N/A
<u>6.</u> Is there at least 10 feet of silt and/or clay between the contaminated zone and underlying more permeable surficial deposits (such as glacial till or sand and gravel) or bedrock?	7	9
<u>7.</u> Are the area's gradients approximately horizontal (topographic gradient flat or groundwater gradient <1%)?	8	9
<u>8.</u> Does the seasonal low of the water table fall below the top of the underlying aquifer (sand and gravel deposit or bedrock)? If unknown, the answer is yes.	9	10
<u>9.</u> Is the area within 2000 feet downgradient or 1000 feet upgradient served by a public water supply?	10	<u>12</u>
<u>10.</u> Is there potential for vapor problems within buildings or for a confined space explosion hazard?	13	11
<u>11.</u> Is the entire area, within a 2000 foot radius of the leak or discharge site, a non-attainment zone?	11A	13
<u>11A.</u> Is the site now or in the past been in a predominantly industrial land use?	14A	14B

Check clean-up goal decided upon:

- 12. Stringent (ST) Clean-Up Goals Remove all free product. Remove or remediate contaminated soil containing greater than 10 ppm total fuel oil or kerosene, or 5 ppm total gasoline as determined by DEP-approved laboratory methods. Remediate groundwater containing greater than 50 ug/l total hydrocarbons (gasoline, kerosene, or fuel oil by DEP approved laboratory analytical methods or field techniques), 50 ug/l MTBE, and 5 ug/l benzene by DEP or EPA approved methods.
- 13. Intermediate (IN) Clean-Up Goals Remove all free product. Remove or remediate contaminated soil containing greater than 10 mg/kg total fuel oil or kerosene, or 5 mg/kg total gasoline as determined by DEP-approved laboratory methods or equivalent DEP-approved field techniques.
- 14A. Baseline-1 (BL1) Goals Remove all free product. Remove or remediate soil saturated with gasoline, kerosene, or fuel oil.
- 14B. Baseline-2 (BL2) Goals Remove all free product. Remove or remediate contaminated soil to: 500-1,000 ppm gasoline or 200-400 ppm heating oil or kerosene, each as measured by the DEP field headspace analysis or its Department approved equivalent field method.
- Other (Specify): _____ Complete justification below.

Note: Where there is significant uncertainty regarding the identity of the product, the lower oil standards shall apply; and, in the stringent category, groundwater shall be analyzed for MTBE and benzene.

JUSTIFICATION OF ALTERNATE CLEAN-UP GOAL:

NOTE: This form must be included in the case's Spill Report if completed by Division of Response Services staff. Other Bureau staff must include this documentation in the project file.



P.O. Box 788
 Waterville, Maine 04903-0788

Administrative Offices
 Phone: 207-873-7711
 Fax: 207-873-7022
 Customer Service
 Phone: 800-244-8378
 Fax: 207-873-7022

ANALYSIS REPORT

TO: MeDEP/Tom Varney

DATE SAMPLED:	5/2/00	LABORATORY NUMBER:	AC09849
DATE RECEIVED:	5/3/00	SAMPLE MATRIX:	Water
DATE EXTRACTED:	5/6/00	ANALYST:	RCH
DATE ANALYZED:	5/9/00		
DATE REPORTED:	5/11/00		

SAMPLE DESCRIPTION: As Below

DIESEL RANGE ORGANICS (DRO)

METHOD SUMMARY:

The water sample is defined as the entire contents of the container including any soil or secondary phase material present. The sample was extracted three (3) times with methylene chloride using a liquid/liquid extraction technique with sodium chloride added to increase the extraction efficiency. The combined extract was passed through anhydrous sodium sulfate to remove water and was concentrated using a Zymark Turbovap Concentrator or Kuderna-Danish Concentrator. The final extract and/or dilutions of the extract were analyzed using high resolution capillary FID Gas Chromatography (J & W DB-1 column, 0.25 micron phase, 0.32 mm ID, 30 meter). The sample chromatograms were compared to hydrocarbon standard chromatograms for descriptive purposes and were compared to a DRO component standard for quantification of results.

QUANTITATION/DESCRIPTION:

NEL Sample #	Client Identification	DRO Results ug/L (ppb)*	Surrogate Recovery p-Terphenyl **
AC09849	Bridges	< 25	110 %

NOTE:

Identification of pristane, phytane, and the n-alkanes is based on chromatographic patterns and retention times on a single column. Identity has not been confirmed.

Several petroleum products have chromatographic profiles similar to one another; and product profiles change as weathering occurs. Descriptive/interpretive data has been provided for guidance only. Identity of products (either weathered or unweathered) should not be considered conclusive.

* Quantitation is based on a DRO component standard, utilizing a method defined window from carbon number 10 to 28, inclusive.

** p-Terphenyl is added to the sample prior to extraction as a means of assessing the validity of the analysis.

[] In instances in which the material outside the DRO window exceeds 25% of DRO, an estimated total TPH result (approximately carbon number 9 to 40) will be given in brackets following the DRO result, utilizing the response of a DRO component standard. Only total TPH results exceeding 50 ug/L (ppb) will be listed.

Analysis was conducted according to Maine method 4.1.25, "Method for Determining Diesel Range Organics."
 The DRO Practical Quantitation Limit is 25 ug/L (ppb)*.

< = Less than

Reviewed by: *Pamela Doughty*
 Pamela Doughty, Laboratory Manager

Date: 5/11/00



P.O. Box 788
 Waterville, Maine 04903-0788

Administrative Offices
 Phone: 207-873-7711
 Fax: 207-873-7022
 Customer Service
 Phone: 800-244-8376
 Fax: 207-873-7022

ANALYSIS REPORT

TO: MeDEP/Tom Varney

DATE SAMPLED:	5/2/00	LABORATORY NUMBER:	AC09850
DATE RECEIVED:	5/3/00	SAMPLE MATRIX:	Water
DATE EXTRACTED:	5/6/00	ANALYST:	RCH
DATE ANALYZED:	5/9/00		
DATE REPORTED:	5/11/00		

SAMPLE DESCRIPTION: As Below

DIESEL RANGE ORGANICS (DRO)

METHOD SUMMARY:

The water sample is defined as the entire contents of the container including any soil or secondary phase material present. The sample was extracted three (3) times with methylene chloride using a liquid/liquid extraction technique with sodium chloride added to increase the extraction efficiency. The combined extract was passed through anhydrous sodium sulfate to remove water and was concentrated using a Zymark Turbovap Concentrator or Kuderna-Danish Concentrator. The final extract and/or dilutions of the extract were analyzed using high resolution capillary FID Gas Chromatography (J & W DB-1 column, 0.25 micron phase, 0.32 mm ID, 30 meter). The sample chromatograms were compared to hydrocarbon standard chromatograms for descriptive purposes and were compared to a DRO component standard for quantification of results.

QUANTITATION/DESCRIPTION:

NEL Sample #	Client Identification	DRO Results ug/L (ppb)*	Surrogate Recovery p-Terphenyl **
AC09850	Mast Out	< 25	115 %

NOTE:

Identification of pristane, phytane, and the n-alkanes is based on chromatographic patterns and retention times on a single column. Identity has not been confirmed.

Several petroleum products have chromatographic profiles similar to one another; and product profiles change as weathering occurs. Descriptive/interpretive data has been provided for guidance only. Identity of products (either weathered or unweathered) should not be considered conclusive.

* Quantitation is based on a DRO component standard, utilizing a method defined window from carbon number 10 to 28, inclusive.

** p-Terphenyl is added to the sample prior to extraction as a means of assessing the validity of the analysis.

[] In instances in which the material outside the DRO window exceeds 25% of DRO, an estimated total TPH result (approximately carbon number 9 to 40) will be given in brackets following the DRO result, utilizing the response of a DRO component standard. Only total TPH results exceeding 50 ug/L (ppb) will be listed.

Analysis was conducted according to Maine method 4.1.25, "Method for Determining Diesel Range Organics."

The DRO Practical Quantitation Limit is 25 ug/L (ppb)*.

<= Less than

Reviewed by: Pamela Doughty
 Pamela Doughty, Laboratory Manager

Date: 5/11/00



INVOICE

P.O. Box 788
Waterville, Maine 04903-0788

D.E.P. - BANGOR OFFICE
2000 MAY 16 P 12:58

Administrative Offices
Phone: 207-873-7711
Fax: 207-873-7022
Customer Service
Phone: 800-244-9377
Fax: 207-873-7022

Bill To: MAINE DEP, BANGOR
106 HOGAN ROAD
BANGOR, ME 04401

Ship To: CLEVE LECKEY
MAINE DEP, BANGOR
106 HOGAN ROAD
BANGOR, ME 04401

Invoice Number	Invoice Date	Customer ID	PO Number
1026148	05/15/2000	1798	B-202-00 - Bridges

Sample Number	Sample Description	Sample Cost	Amount Paid
AC09849	Bridges	\$100.00	\$0.00

Analysis Performed
MEDEP 4.125

Sample Number	Sample Description	Sample Cost	Amount Paid
AC09850	Mast out	\$100.00	\$0.00

Analysis Performed
MEDEP 4.125

Invoice Subtotal: \$200.00
 Amount Paid: \$0.00
 Invoice Total: \$200.00

EO10518210
 014 06A 1579
 442
 820200
 200
 Cleve Leckey

TERMS: Net after 30, 18% per annum after
There is a minimum laboratory fee of \$25.00 on all samples not prepaid.

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT FORM

Spill Number B - 0484 - 00

Report Status: FINAL

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): MYSTERY WELL CONTAMINATION

Address: COREA ROAD

Town: GOULDSBORO

State: ME Zip Code: 04624

Telephone: () -

Ext:

Comments: SPILL HISTORY NOT KNOWN

LOCATION / FACILITY INFORMATION

Name of Spill Location: SUMMER RESIDENCE OF DAN SCHAFER

Address: COREA ROAD

Location ID: 34468

Minor Civil Division: GOULDSBORO

Local Name: COREA

Latitude N:

Longitude W:

SPILL / EVENT INFORMATION

Spill Type: B (Table A) Amount Spilled: 0.99 G (Gallons, Cubic Yards, Pounds, Barrels)

Product Reported Spilled: 01 (Table B) Product Actually Found: 01 (Table B)

Date Of Spill: Time Of Spill:

Date Reported: July 11, 2000 Time Reported:

Cause: 18 (Table C) Detection Method: 3 I (Table D)

Incident Code: B - SF - G - (Table E)

Response Time Involved: 10.0 Wells At Risk: 1 Wells Impacted: 1

Investigator(s) **LECKEY, CLEVE**

REPORTING INFORMATION

Name (Last, First, MI): SCHAFER, DAN

Address: COREA ROAD

Town: GOULDSBORO

State: ME Zip Code: 04624

Telephone: (207) 963-7841

Ext:

CLEAN-UP INFORMATION

Spilled Product Recovered: 0.00 G Method: K (Table K)
 Other Product Recovered: Method: K (Table K)
 D-Tree Code: D-Tree Date:
 Contaminated Soil: (Cubic Yards or Tons)
 Disposal Info:

OTHER ACTIONS

Expenditure(s):	Third Party Damage Claim Expected:	N
From Surface Water Fund: N	Enforcement Referral:	N
From Ground Water Fund: Y	Insurance Fund Claim:	N
From Hazardous Waste Fund: N	Technical Services Referral:	N

UNDERGROUND TANK(S) INFORMATION

Tank Registration Number:	Number of Tanks Abandoned:	0
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NARRATIVE

A few days before 7/11/ 00 Dan Schafer, who has a summer residence in Corea, requested that his well be sampled for fuel oil contamination. He was entitled to this because of a spill that had taken place in the area earlier that year (B-202-00). I had asked the postmistress and the person who had the spill to let the summer people know that we would test their water. The analysis came back 33 ppb DRO. I explained to Dan that the contamination level was below our action level but that he could still have a filter system if he wanted it. He opted for the filters.

After B-202-00 it came to my attention that there had been other spills in the area that were perhaps more likely to have caused the Schafer well contamination. In essence there were spills and rumors of spill going back over a period of twenty years. Because of the undocumented nature of the contamination, we have to label it a mystery case.



ANALYSIS REPORT

Administrative Offices
 Phone: 207-873-7711
 Fax: 207-873-7022
 Customer Service
 Phone: 800-244-8378
 Fax: 207-873-7022

P.O. Box 788
 Waterville, Maine 04903-0788

B-4847-00

TO: Maine DEP, Bangor

DATE SAMPLED: 07/11/2000
 DATE RECEIVED: 07/12/2000
 DATE EXTRACTED: 07/14/2000
 DATE ANALYZED: 07/20/2000
 DATE REPORTED: 07/24/2000

LABORATORY NUMBER: AC17055
 SAMPLE MATRIX: D-WATER
 ANALYST: PVG
 SDG #:

SAMPLE DESCRIPTION: Schafer

DIESEL RANGE ORGANICS (DRO)

METHOD SUMMARY:

The water sample is defined as the entire contents of the container including any soil or secondary phase material present. The sample was extracted three (3) times with methylene chloride using a liquid/liquid extraction technique with sodium chloride added to increase the extraction efficiency. The combined extract was passed through anhydrous sodium sulfate to remove water and was concentrated using a Zymark Turbovap Concentrator or Kuderna-Danish Concentrator. The final extract and/or dilutions of the extract were analyzed using high-resolution capillary FID Gas Chromatography (J & W DB-1 column, 0.25 micron phase, 0.32mm ID, 30 meter). The sample chromatograms were compared to hydrocarbon standard chromatograms for descriptive purposes and were compared to a DRO component standard for quantification of results.

QUANTITATION/DESCRIPTION:

NEL Sample#	Client Identification	DRO Results ug/L (ppb)*	Surrogate Recovery p-Terphenyl**
AC17055	Schafer	33	129%

The chromatogram exhibits material which elutes in the diesel oil range, but is not a good chromatographic match with any of our standards.

NOTE:

Identification of pristane, phytane, and the n-alkanes is based on chromatographic patterns and retention times on a single column. Identity has not been confirmed. Several petroleum products have chromatographic profiles similar to one another; and product profiles change as weathering occurs. Descriptive/interpretive data has been provided for guidance only. Identity of products (either weathered or unweathered) should not be considered conclusive.

* Quantitation is based on a DRO component standard, utilizing a method defined window from carbon number 10 to 28 inclusive.

**p-Terphenyl is added to the sample prior to extraction as a means of assessing the validity of the analysis.

[] In instances in which the material outside the DRO window exceeds 25% of DRO, an estimated total TPH result (approximately carbon number 9 to 40) will be given in brackets following the DRO result, utilizing the response of a DRO component standard. Only total TPH results exceeding 50 ug/L (ppb) will be listed.

Analysis was conducted according to Maine method 2.1.25, "Method for Determining Diesel Range Organics."
 The DRO Practical Quantitation Limit is 25 ug/L (ppb)*.

Reviewed By: *Pamela Doughty*
 Pamela Doughty, Lab Manager

Date: *7/24/00*

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT FORM

Spill Number B - 0225 - 01

Report Status: FINAL

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): BANGOR HYDRO ELECTRIC CO

Address: 33 STATE

Town: BANGOR

State: ME Zip Code: 04401

Telephone: (207) 945-5621

Ext:

Comments: LOOSE COUPLING ON A HYDRAULIC HOSE

LOCATION / FACILITY INFORMATION

Name of Spill Location: BANGOR HYDRO ELECTRIC CO

Address: ROW OFF RT.195

Location ID: 36614

Minor Civil Division: GOULDSBORO

Local Name:

Latitude N: 44 24 51 Longitude W: 68 0 1

SPILL / EVENT INFORMATION

Spill Type: A (Table A) Amount Spilled: 0.10 G (Gallons, Cubic Yards, Pounds, Barrels)

Product Reported Spilled: 86 (Table B) Product Actually Found: 86 (Table B)

Date Of Spill: April 23, 2001 Time Of Spill: 1520

Date Reported: April 24, 2001 Time Reported: 0856

Cause: 06 (Table C) Detection Method: 2 L (Table D)

Incident Code: I - PW - L - (Table E)

Response Time Involved: 1.1 Wells At Risk: 0 Wells Impacted: 0

Investigator(s) VARNEY, THOMAS *TW*

AFM

REPORTING INFORMATION

Name (Last, First, MI): BANGOR HYDRO ELECTRIC CO

Address: 33 STATE

Town: BANGOR

State: ME Zip Code: 04401

Telephone: (207) 945-5621

Ext:

CLEAN-UP INFORMATION

Spilled Product Recovered: 0.10 G Method: G (Table K)
 Other Product Recovered: Method: (Table K)
 D-Tree Code: S D-Tree Date: 20-JUN-01
 Contaminated Soil: (Cubic Yards or Tons)
 Disposal Info: SERF (Pine Tree)

OTHER ACTIONS

Expenditure(s):		Third Party Damage Claim Expected:	N
From Surface Water Fund:	N	Enforcement Referral:	N
From Ground Water Fund:	N	Insurance Fund Claim:	N
From Hazardous Waste Fund:	N	Technical Services Referral:	N

UNDERGROUND TANK(S) INFORMATION

Tank Registration Number:	Number of Tanks Abandoned:
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NARRATIVE

Bangor Hydro personnel were operating a boring machine, trying to set posts for an osprey nesting platform, when it was noticed that a hydraulic hose coupling was leaking. About a pint of oil was spilled, according to Mona Spear, and cleaned up by recovering the contaminated brush and moss. See the Hydro's report.

DEP HYDROCARBON SPILL DECISION TREE (March 2000)

Spill No. B 225-01

Investigator: _____

Date: _____

Site Name, Address: _____

Town: _____

Please circle your responses:

	If "Yes" Go To	If "No" Go To
<u>1.</u> Is a public water supply well located within 2000 feet of the leak or discharge site, or is the site located within wellhead protection recharge zone of a public water supply well?	12	<u>2</u>
<u>2.</u> Is the leak or discharge site located in or over a sand and gravel deposit?	2A	<u>3</u>
<u>2A.</u> Is the entire area, within a 2000 foot radius of the leak or discharge site, a non-attainment zone ?	2B	12
<u>2B.</u> Is there potential for vapor problems within buildings or for a confined space fire or explosion hazard?	13	11A
<u>3.</u> Was the release directly into bedrock or is the bedrock groundwater system contaminated?	9	<u>4</u>
<u>4.</u> Was the release directly into a glacial till deposit?	<u>9</u>	5
<u>5.</u> Was the release into a silt or clay deposit?	6	N/A
<u>6.</u> Is there at least 10 feet of silt and/or clay between the contaminated zone and underlying more permeable surficial deposits (such as glacial till or sand and gravel) or bedrock?	7	<u>9</u>
<u>7.</u> Are the area's gradients approximately horizontal (topographic gradient flat or groundwater gradient <1%)?	8	9
<u>8.</u> Does the seasonal low of the water table fall below the top of the underlying aquifer (sand and gravel deposit or bedrock)? If unknown, the answer is yes.	9	10
<u>9.</u> Is the area within 2000 feet downgradient or 1000 feet upgradient served by a public water supply ? (If there are any private wells within this area, answer "No".)	10	<u>12</u>
<u>10.</u> Is there potential for vapor problems within buildings or for a confined space explosion hazard?	13	11
<u>11.</u> Is the entire area, within a 2000 foot radius of the leak or discharge site, a non-attainment zone ?	11A	13
<u>11A.</u> Is the site now or in the past been in a predominantly industrial land use?	14A	14B

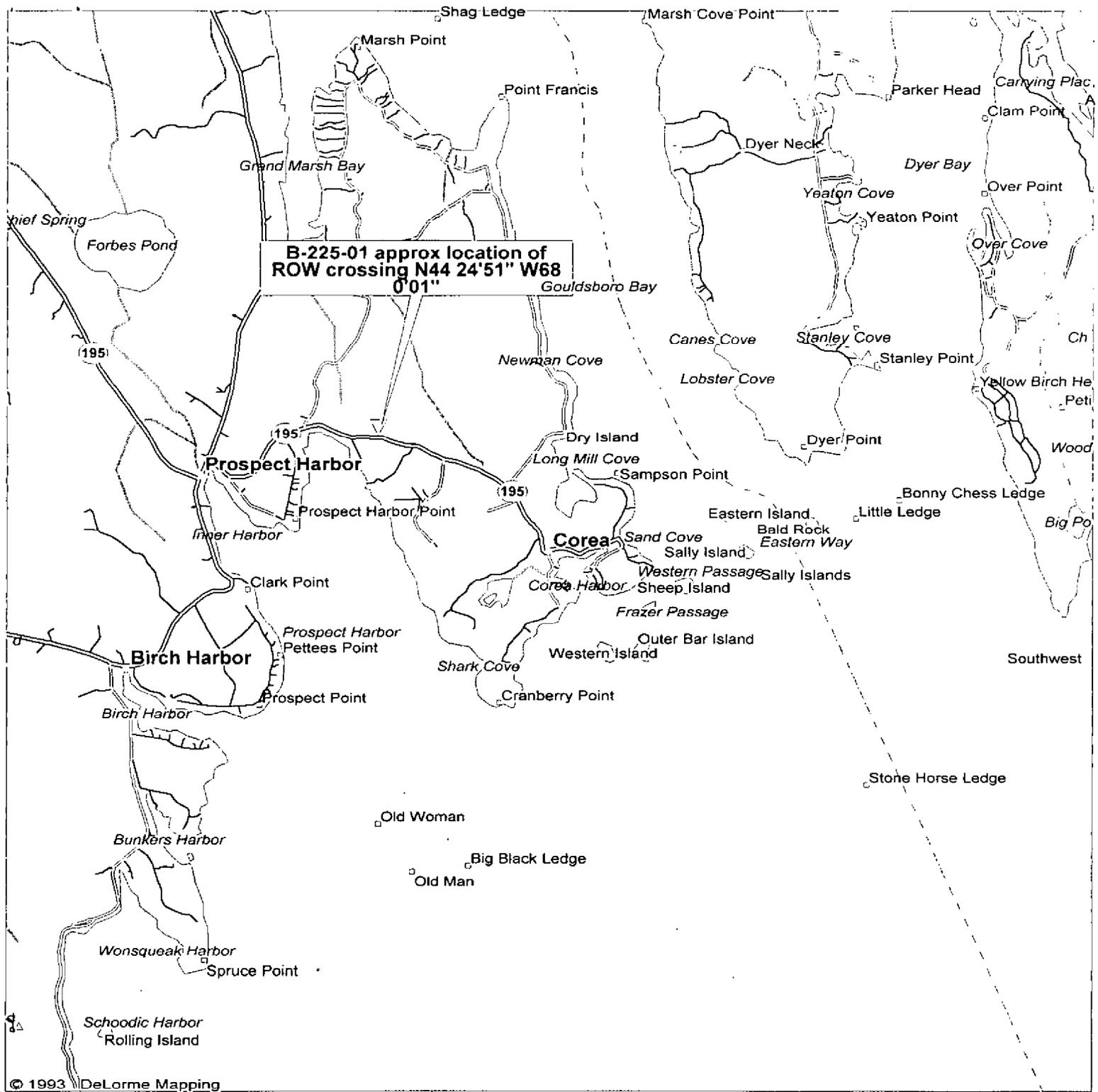
Check clean-up goal decided upon:

12. Stringent (ST) Clean-Up Goals Ground water clean-up action levels: Dissolved phase ground water contamination action levels are 25 ppb for GRO; 50 ppb DRO; 2 ppb for benzene; and 25 ppb for MTBE. Cleanup Goals: Remove all free product. Remove or remediate contaminated soil containing greater than 10 mg/kg diesel range organics, or 5 mg/kg gasoline range organics as determined by DEP-approved laboratory methods. Remediate groundwater containing greater than 50 ug/l gasoline or diesel range organics, 35 ug/l MTBE, and 5 ug/l benzene measured by DEP approved laboratory methods.
13. Intermediate (IN) Clean-Up Goals Remove all free product. Remove or remediate contaminated soil containing greater than 10 mg/kg diesel range organics, or 5 mg/kg gasoline range organics as determined by DEP-approved laboratory methods.
- 14A. Baseline-1 (BL1) Goals Remove all free product. Remove or remediate soil "saturated" with gasoline, kerosene, or fuel oil.
- 14B. Baseline-2 (BL2) Goals Remove all free product. Remove or remediate contaminated soil to: 500-1,000 ppm gasoline range organics and 200-400 ppm diesel range organics, each as measured by the DEP field headspace analysis or its Department approved equivalent field method.
- Other (Specify): _____ Complete justification below.

Note: Where there is significant uncertainty regarding the identity of the product, the lower gasoline or diesel organics' standards shall apply; and, in the stringent category, groundwater shall be analyzed for MTBE and benzene.

JUSTIFICATION OF ALTERNATE CLEAN-UP GOAL:

NOTE: This form must be included in the case's Spill Report if completed by Division of Response Services staff. Other Bureau staff must include this documentation in the project file.



LEGEND

- | | | | |
|--|-------------------|--|--------------------|
| | State Route | | State Route |
| | Geo Feature | | River |
| | Town, Small City | | Land Mass |
| | Hill | | Open Water |
| | County Boundary | | Intermittent River |
| | Street, Road | | |
| | Trails | | |
| | Major Street/Road | | |

Scale 1:62,500 (at center)

1 Miles

2 KM

Mag 13.00

Wed Jun 20 16:12:51 2001

Map from
DeLorme MapExpert
Freeport, Maine



30 April 2001

Mr. Tom Varney
Maine Department of Environmental Protection
Division of Response Services
106 Hogan Road
Bangor, ME 04401

Dear Tom:

**RE: HYDRAULIC OIL SPILL IN RIGHT-OF-WAY OFF ROUTE 195, COREA,
MAINE**

Enclosed is a copy of Bangor Hydro-Electric Company's spill report regarding the subject oil spill.

If you have any questions about the spill or the enclosed report, please call me at 990-6931.

Sincerely,

A handwritten signature in cursive script that reads "Mona E. Spear".

Mona E. Spear
Environmental Compliance Specialist

MES

Enclosure

FWLAOILSPL2001

**BANGOR HYDRO-ELECTRIC COMPANY
SPILL REPORT FORM**

Date and Time of Incident : 04/23/01, 3:20 pm

1. Location of Incident:

Town: Corea

Division : Hancock

Street Name: Right-of-Way off Route 195

Facility : N/A

County: Hancock

Pole No : N/A

2. Source of the Spill :

Electrical Equipment

Other

Type : N/A

Specify : Coupling on hose under Nordwell driller.

Make : N/A

Size : N/A

Serial No. : N/A

3. Spill Information:

Substance : Hydraulic Oil

Level of PCB's: N/A

Amount: ~ 1 pint(s)

Lab Certification No. : N/A

Size of Spill Area: 2' x 4'

Description of Spill Area:

Oil sprayed onto brush and moss on ledge.

Cause of Spill:

A hose coupling underneath the Nordwell driller loosened allowing oil to spray out.

Measures Taken to Clean Up Spill:

Removed all oily brush and moss.

Property Damage:

None

Injuries/Fire:

None

4. Disposal Information:

Amount of Debris: 1/2 bag of oily brush and moss.

Method of Disposal: Through Sawyer Environmental, Hampden, ME.

5. Reporting Information:

Reported to BHE:

System Operator (Name):N/A
or
Environmental Services
& Compliance (Name): Mona Spear

Reported by: Perley Merrick
Date: 04/24/2001 Time: 8:25 am

Reported to DEP:

DEP Staff (Name): Tom Varney

Reported by: Mona Spear
Date: 04/24/2001 Time: 8:55 am

Comments:

Directions: Turn right onto Route 195 off Route 1 in Gouldsboro. Spill site in approximately 2 miles past intersection with Route 186 on the left. Spill occurred in right-of-way where line crosses the road.

Mona E. Spear 4/30/01
Signature of BHE Environmental Date
Services & Compliance Representative

MAINE DEPARTMENT OF ENVIRONMENT PROTECTION
OIL & HAZARDOUS MATERIALS REPORT

Spill Number: B-101-2003

Report Status: Final Report

MCD Town: GOULDSBORO
Local Name: COREA
Primary Responder: DARRYL E LUCE
Primary Product: #1 Fuel Oil - Kerosene (01) UNKNOWN
Subject/Owner: -HARVEY AND SALLEY CROWLEY-

EVENT

Spill Info

Type Oil Incident {O}
Source Storage Unit - Aboveground Storage Tank {TA}
Cause Accident - Physical Breakage {05}

Spill Date/Time

03/04/2003 (Time Unknown)

Reporter Type/Detection Method

Type Contractor/Consultant {6}
Method Odor/Vapor/Mist {H}

Reported Date/Time

03/11/2003 11:55

Subject/Owner (Potential Responsible Party)

Contact HARVEY AND SALLEY CROWLEY--
117 CRANBERRY PT RD
COREA ME 04624 USA
207-963-2972
Comment homeowners - AST lost unknown amount of #1 from broken firematic valve (Mrs. Crowley - work # 207-667-8272)

Reporter

Contact --DEAD RIVER CO
269 WATER ST
ELLSWORTH ME 04605 USA
207-667-4681
Comment found broken firematic valve on outside AST

Primary Responder and Other Employees

DARRYL E LUCE (Primary Responder)

RFM

No Further Response Action Expected

SITE

Location

Location Type Residential - Single Family {SF}
Name HARVEY AND SALLEY CROWLEY
Street Address 117 CRANBERRY PT RD
MCD Town GOULDSBORO
Local Name COREA
State/Province ME

Spill Point

UTM North 4,916,065.470
UTM East 581,313.570

Wells and Media Affected

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

Tanks Involved

Above Ground Tank(s) Involved-Tank Outside

III. CLEANUP**Product Reported**

#1 Fuel Oil - Kerosene {01}

Cleanup DTREE**Products Found/Amount Spilled**

#1 Fuel Oil - Kerosene {01}/ UNKNOWN (Primary Product)

Material Recovered

None {NO} - 0 gals. ESTIMATE

Recovery/Treatment Method

None {K}

Disposal Information**IV. NARRATIVE**

The Dead River Co. called from Ellsworth to report that a customer, Harvey and Sally Crowley, had suffered a leak from their outside AST. The firematic valve had cracked. The escaped oil had caused enough odor to get the homeowners attention and call the oil company. It was difficult for them to estimate the lost. There was no puddled product to recover, but last year for the same time period about 100 gallons less had been used. However this year Mr. Crowley had been ill and was at home where last year no one stayed at home during the day. Also this winter was much colder that last winter.

I went to the site and found the situation as described. While there was some oil stained ice around the tank there was nothing to reasonably collect. It did not appear that anything near 100 gallons had escaped. I spoke with the Crowley's daughter who was at home. She said that the oil odor had past. Their drilled well is about 75' away and somewhat up hill; however, the soils are quite shallow.

In any case, I believe that no further action is necessary. I asked Mrs. Crowley to contact me if the odor reappears or she notices an odor to the well water.

V. ATTACHMENTS**Attachment Type****Description****File Name**

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT

Spill Number: B-806-2006

Report Status: Final Report

MCD Town: EDDINGTON
Local Name: EDDINGTON
Primary Responder: THOMAS W VARNEY
Primary Product: Unleaded Gasoline {23} - 0.5 gals. ESTIMATE
Subject/Owner: EDDINGTON STORE - -

Spill Info

Type Oil Incident {O}
Source Land Transportation - Passenger Vehicle {PV}
Cause Overfill {09}

Spill Date/Time

12/29/2006 12:00

Reporter Type/Detection Method

Type Anonymous {5}
Method Visual Product {L}

Reported Date/Time

12/29/2006 12:28

Subject/Owner (Potential Responsible Party)

Contact --EDDINGTON STORE
549 MAIN RD
EDDINGTON ME 04428 USA
207-843-7155

Comment

Reporter

Contact ANONYMOUS --

ME USA
207

Comment

Primary Responder and Other Employees

THOMAS W VARNEY (Primary Responder)

No Further Response Action Expected

Location

Location Type Terminal - Service Station {SS}
Name EDDINGTON STORE
Street Address 549 MAIN RD
MCD Town EDDINGTON
Local Name EDDINGTON
State/Province ME

Spill Point

UTM North 4,916,702.180000
UTM East 582,130.780000

Wells and Media Affected

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

Tanks Involved

Underground Tank(s) Involved-20328

Product Reported

Unleaded Gasoline {23}

Cleanup DTREE

Intermediate

Products Found/Amount Spilled

Unleaded Gasoline {23}/ - 0.5 gals. ESTIMATE (Primary Product)

Material Recovered

Other Material {OM} - 0.5 gals. ESTIMATE

Recovery/Treatment Method

Sorbents {C}

Disposal Information

municipal trash

An anonymous person called here, reporting the spillage of an estimated 1/2 gallon of gasoline at the Eddington Store. Personally, I think she probably was the culprit, because she wouldn't divulge her name; I also think it was less than 1/2 gallon, judging by the amount of speedy dry on the ground.

I went almost immediately to the scene, and asking for the owner, discovered that he, Gary Pelletier, was in Wisconsin at the moment. I asked to see their spill log, and was treated to the usual blank look. The counter personnel called Pelletier, and he told them where to find it. What they provided me was their most recent tank testing data.

I explained to the counter people that they were required to report spills of this nature if they weren't going to maintain a spill log. I left them with a copy of Chapter 691, open to the appropriate section and left the scene. By the time I got back to the office, the spill had been reported (attached).

Attachment Type

Electronic Form

Description

Cleanup DTREE

File Name

DEP HYDROCARBON SPILL DECISION TREE (March 2000)

Spill No. B-806-2006

Investigator: THOMAS W. VARNEY

Date: 1/23/2007 12:00:00AM

Site Name, Address: EDDINGTON STORE, 549 MAIN RD

Town: EDDINGTON, ME

Please circle your response:	If "Yes" Go To	If "No" Go To	Response
<u>1.</u> Is a public water supply well located within 2000 feet of the leak or discharge site, or is the site located within wellhead protection recharge zone of a public water supply well?	12	2	<u>N</u>
<u>2.</u> Is the leak or discharge site located in or over a sand and gravel deposit?	2A	3	<u>N</u>
<u>2A.</u> Is the entire area, within a 2000 foot radius of the leak or discharge site, a non-attainment zone ?	2B	12	___
<u>2B.</u> Is there potential for vapor problems within buildings or for a confined space fire or explosion hazard?	13	11A	___
<u>3.</u> Was the release directly into bedrock or is the bedrock groundwater system contaminated?	9	4	<u>N</u>
<u>4.</u> Was the release directly into a glacial till deposit?	9	5	<u>N</u>
<u>5.</u> Was the release into a silt or clay deposit?	6	N/A	<u>Y</u>
<u>6.</u> Is there at least 10 feet of silt and/or clay between the contaminated zone and underlying more permeable surficial deposits (such as glacial till or sand and gravel) or bedrock ?	7	9	<u>N</u>
<u>7.</u> Are the area's gradients approximately horizontal (topographic gradient flat or groundwater gradient <1%)?	8	9	___
<u>8.</u> Does the seasonal low of the water table fall below the top of the underlying aquifer (sand and gravel deposit or bedrock)? If unknown the answer is yes.	9	10	___
<u>9.</u> Is the area within 2000 feet downgradient or 1000 feet upgradient served by a public water supply ? (If there are any private wells within this are, answer "No".)	10	12	<u>Y</u>
<u>10.</u> Is there any potential for vapor problems within buildings or for a confined space explosion hazard?	13	11	<u>N</u>
<u>11.</u> Is the entire area, within a 2000 foot radius of the leak or discharge site, a non-attainment zone ?	11A	13	<u>N</u>
<u>11A.</u> Is the site now or in the past been in a predominantly industrial land use?	14A	14B	___

Check clean-up goal decided upon:

- ___ 12. Stringent (ST) Clean-up Goals Ground water clean-up action levels: Dissolved phase ground water contamination action levels are 25 ppb for GRO; 50 ppb DRO; 2 ppb for benzene; and 25 ppb for MTBE. Cleanup Goals: Remove all free product. Remove or remediate contaminated soil containing greater than 10 mg/kg diesel range organics, or 5 mg/kg gasoline range organics as determined by DEP-approved laboratory methods. Remediate groundwater containing greater than 50 ug/l gasoline or diesel range organics, 35 ug/l MTBE, and 5 ug/l benzene measured by DEP approved laboratory methods.
- X 13. Intermediate (IN) Clean-Up Goals Remove all free product. Remove or remediate contaminated soil containing greater than 10 mg/kg diesel range organics, or 5 mg/kg gasoline range organics as determined by DEP-approved laboratory methods.
- ___ 14A. Baseline-1 (BL1) Goals Remove all free product. Remove or remediate soil "saturated" with gasoline, kerosene, or fuel oil.
- ___ 14B. Baseline-2 (BL2) Goals Remove all free product. Remove or remediate contaminated soil to: 500-1,000 ppm gasoline range organics and 200-400 ppm diesel range organics, each as measured by the DEP field headspace analysis or its Department approved equivalent field method.

Other (Specify): _____ **Complete justification below.**

Note: Where there is significant uncertainty regarding the identity of the product, the lower gasoline or diesel organics' standards shall apply and, in the stringent category, groundwater shall be analyzed for MTBE and benzene.

JUSTIFICATION OF ALTERNATE CLEAN-UP GOAL:

NOTE: This form must be included in the case's Spill Report if completed by Division of Response Services staff. Other Bureau staff must include this documentation in the project file.

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT

Spill Number: B-11-2007

Report Status: Final Report

MCD Town: GOULDSBORO

Local Name: COREA

Primary Responder: THOMAS W VARNEY

Primary Product: Gasoline Unspecified {20} - 5 gals. ESTIMATE

Subject/Owner: -JOE DEPASQUALE -

I:EVENT

Spill Info

Type Oil Incident {O}
Source No Source Found By Responder {NS}
Cause Other - Unknown {18}

Spill Date/Time

Date and Time Unknown

Reporter Type/Detection Method

Type Citizen Complaint {3}
Method Water Analysis/Complaint {G}

Reported Date/Time

01/10/2007 00:00

Subject/Owner

Contact JOE DEPASQUALE --
POB 227
PROSPECT HARBOR ME 04669 USA
2079632525

Comment

Reporter

Contact JOE DEPASQUALE --
POB 227
PROSPECT HARBOR ME 04669 USA
2079632525

Comment

Other Contact (Potential Responsible Party)

Contact UNKNOWN --

ME USA
207

Comment

Primary Responder and Other Employees

THOMAS W VARNEY (Primary Responder)

Further Response Action Expected

II:SITE

Location

Location Type Residential - Single Family {SF}
Name JOE DEPASQUALE
Street Address 181 CROWLEY ISLAND RD
MCD Town GOULDSBORO
Local Name COREA
State/Province ME

Spill Point

UTM North 4,916,704.900000
UTM East 582,114.090000

Wells and Media Affected

Wells Affected 1 Well Impacted / 1 Well At Risk
Media Affected Groundwater{G}

Tanks Involved

None

III. CLEANUP**Product Reported**

Gasoline Unspecified {20}

Cleanup DTREE

Stringent

Products Found/Amount Spilled

Gasoline Unspecified {20}/ - 5 gals. ESTIMATE (Primary Product)

Material Recovered

None {NO} - 0 gals. ACTUAL

Recovery/Treatment Method

Filter {F}

Disposal Information

None

IV. NARRATIVE

Joe Depasquale and wife acquired the property at 181 Crowley Isl. Rd, a dwelling of civil war vintage, and spent a great deal of effort renovating it to rent to tourists in the summer. One of the things they did was drill a new well in 2005 (see attached photos).

In the summer and fall of 2006, they noticed the water quality deteriorating. Sometimes the water would be discolored, other times it'd have an odor. They consulted Norlen's in Orrington who eventually installed a softener; while there, the technician smelled the water, and told Depasquale it smelled like oil. Analysis of a sample did not bear out his opinion. He suggested, nonetheless, that Depasquale contact the DEP.

On January 11th, I resampled the well water. At that time it was clear, but smelled strongly of sulfur. The subsequent analysis showed no diesel range contamination, but the water IS contaminated with gasoline. I contacted Depasquale and gave him the bad news, contacted Norlen's and asked them to put on dual charcoal filters, arranged for quarterly monitoring, and, since there is no obvious spillage to deal with, turned the case over to Technical Services for remediation.

Depasquale described his water quality as erratic, discolored one day, smelling like oil another. He said it'd never smelled so strongly as it did on the day I was there. He also said the driller only put in nine feet of casing. Because his well is so close to the road, and it's so shallow to bedrock there, I think the circumstances he describes are explained by an improperly sealed well casing, and contaminants washing in from old spillage or off the road.

V. ATTACHMENTS

<u>Attachment Type</u>	<u>Description</u>	<u>File Name</u>
Electronic Form	Expense Tracking	
Electronic Form	QMP Request	
Paper Attach	2 photos of site	
Paper Attach	7 pages of NEL analysis	
Electronic Form	Cleanup DTREE	
Electronic Form	Referral to PAUL S BLOOD	

Spill Expenditure Tracking Form

I. TO: SHERRIE M. EDWARDS FROM: THOMAS W. VARNEY
 DATE: 1/24/2007 12:00:00AM SPILL REPORT NUMBER: B-11-2007

TOWN WHERE SPILL OCCURRED: _____

Check one:	FINAL INVOICE	ADDENDUM	NEW	X
------------	------------------	----------	-----	---

SUBJECT (check off below):

- | | |
|---|---|
| <input type="checkbox"/> Individual Ability to Pay (IAPP) Candidate | <input type="checkbox"/> AST/UST Fund Coverage Claim (approved) |
| <input type="checkbox"/> Potential AST/UST Fund Coverage -- | <input type="checkbox"/> Request Reimbursement |
| <input type="checkbox"/> Applicant (waiting for determination) | <input type="checkbox"/> Do not Requests Reimbursement (sttach memo with explanation) |
| <input checked="" type="checkbox"/> Mystery Spill | <input type="checkbox"/> R.P. to be Determinec |

II. NAME AND ADDRESS OF RESPONSIBLE PARTY:

Phone Number: _____

III. TYPE OF PRODUCT SPILLED: Gasoline Unspecified

DATE OF SPILL: 1/24/2007 12:00:00AM

INVESTIGATOR: THOMAS W. VARNEY

IV. ACCOUNT NUMBER(S):

Recommended: 014.06A.1546.342 SURFACE FUND - CLEAN-UP
 014.06A.1546.342 SURFACE FUND - CLEAN-UP

laboratory analysis of well water contaminated with gasoline from an unknown source

CONTRACT NUMBER: _____

V. Please list contractor/vendor name or DEP stock item, invoice number, and amount of invoices.

SUMMARY OF ITEMS/SERVICES	COST
laboratory analysis	\$133.00
TOTAL OF INVOICES/SERVICES	\$133.00

QUARTERLY MONITORING PROGRAM

 X Addition

_____ Change

_____ Removal

Staff Member/Division: THOMAS W. VARNEY

Person's Name: JOE DEPASQUALES

Mailing Address: POB 227

PROSPECT HARBOR ME, 04669 HANCOCK

Well Location: _____
(Town, if different than town in mailing address)

Spill Number: B-11-2007 Account Number: 014.06A.1521.442
(format: XXX.06A.XXXX.XXX)

Spill Date: Date and Time Unknown Spill Location: JOE DEPASQUALE

Type of Test: GRO No. of Sample Points: 3

Filter Vendor (if any): NORLENS

Sampling Schedule (quarterly,yearly,seasonal,other): Quarterly

Send Copy of Results to: _____

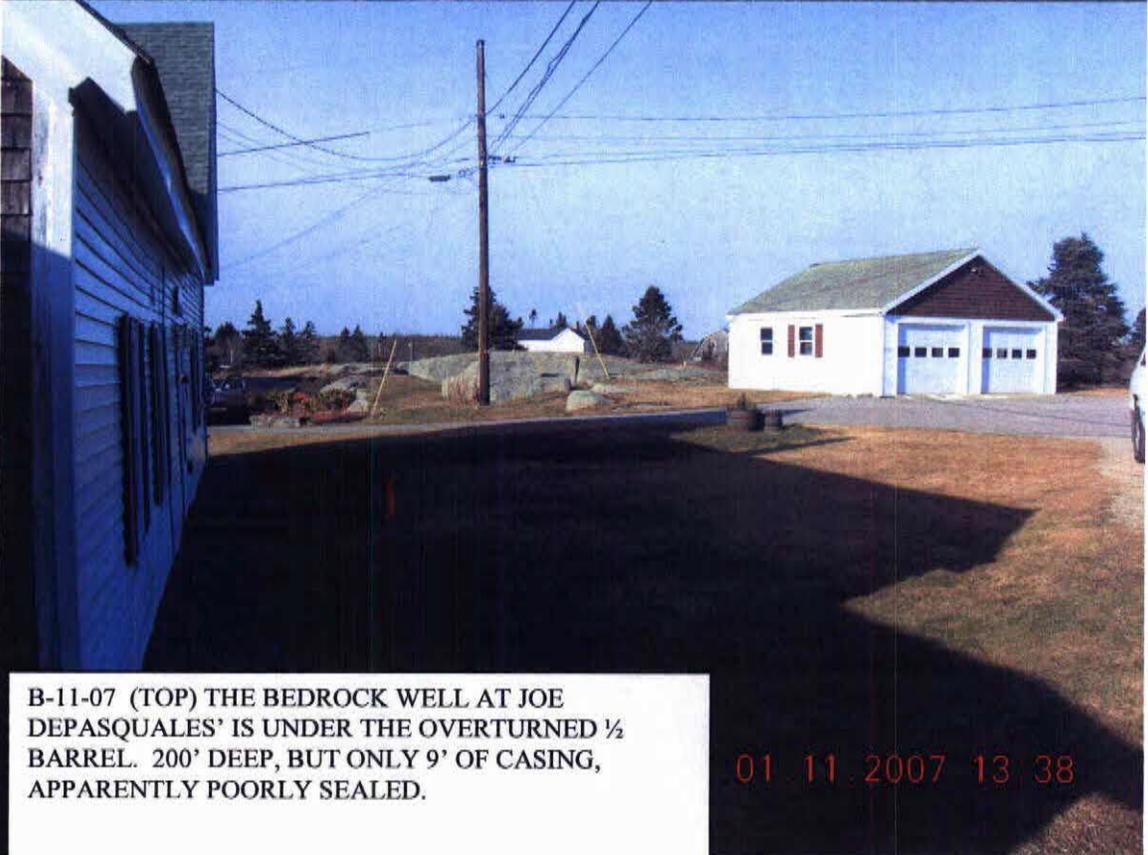
Seek Reimbursement? (Y/N) N If "Y", complete below:

Name/Address: _____
(If different from above) _____

Comments: gasoline contamination from an unknown source

PLEASE RETURN COMPLETED FORM TO SANDI JONES. THANKS.

B-11-2007



B-11-07 (TOP) THE BEDROCK WELL AT JOE DEPASQUALES' IS UNDER THE OVERTURNED ½ BARREL. 200' DEEP, BUT ONLY 9' OF CASING, APPARENTLY POORLY SEALED.

ANALYSIS REPORT

Attention: TOM VARNEY
MAINE DEP- BANGOR
106 HOGAN ROAD
BANGOR ME 04401

Lab ID Number: AJ00282
Project Number: Depasquale
P.O. Number: AJ00282
Date Collected: 01/11/2007 12:30 PM
Date Received: 01/11/2007 03:20 PM
Date Reported: 01/19/2007

Sample Matrix: G-WATER
Sample Description: 0111071-Depasquale
Sample Type: Grab

Parameter	Result	Qualifier	Unit	Detection Limit	Method	Preparation Date/Time	Analysis Date/Time	Analyst
Diesel Range Organics Water								
Diesel Range Organics	<50		ug/L	50	MEDEP 4.1.25	01/15/2007 7:45	01/15/2007 18:24	JVD
p-terphenyl (Surrogate)	103		%	60	MEDEP 4.1.25	01/15/2007 7:45	01/15/2007 18:24	JVD
Gasoline Range Organics Water								
Ethyl benzene	<1.0		ug/L	1.0	MEDEP 4.2.17	01/17/2007 9:08	01/17/2007 10:52	JVD
Toluene	<1.0		ug/L	1.0	MEDEP 4.2.17	01/17/2007 9:08	01/17/2007 10:52	JVD
4-Bromofluorobenzene (Surrogate)	105		%	60	MEDEP 4.2.17	01/17/2007 9:08	01/17/2007 10:52	JVD
MTBE (Methyl-t-Butyl Ether)	2.5		ug/L	2.0	MEDEP 4.2.17	01/17/2007 9:08	01/17/2007 10:52	JVD
Total xylenes	2.7		ug/L	1.0	MEDEP 4.2.17	01/17/2007 9:08	01/17/2007 10:52	JVD
Benzene	4.1		ug/L	1.0	MEDEP 4.2.17	01/17/2007 9:08	01/17/2007 10:52	JVD
GROAQ	53		ug/L	10.0	MEDEP 4.2.17	01/17/2007 9:08	01/17/2007 10:52	JVD
<i>* The chromatogram is not a good chromatographic match with any of our standards.</i>								
MEDEP 4.125-Prep Water	Completed		Date	-	MEDEP 4.125	01/15/2007 7:45	01/15/2007 10:15	JNM

Comments:

Results are reported on a wet weight basis.

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Results meet the requirements of the NELAC standards unless otherwise noted above.

Reviewed By

James F. Galasyn
James F. Galasyn, Ph.D., Chemistry Lab Manager

Review Date:

01/19/2007

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P.O. Box 788
Waterville, Maine 04901-0788

227 China Road
Winslow, Maine 04901

Administrative Offices
Phone: 207-873-7711
Fax: 207-873-7022

Customer Service
Phone: 820022478378
Fax: 207-873-7022

ANALYSIS REPORT

TO: Maine DEP- Bangor

DATE SAMPLED:	01/11/2007	LABORATORY NUMBER:	AJ00282
DATE RECEIVED:	01/11/2007	SAMPLE MATRIX:	G-WATER
DATE EXTRACTED:	01/15/2007	ANALYST:	JVD
DATE ANALYZED:	01/15/2007	SDG #:	
DATE REPORTED:	01/19/2007		

SAMPLE DESCRIPTION: 0111071-Depasquale

DIESEL RANGE ORGANICS (DRO)

METHOD SUMMARY:

The water sample is defined as the entire contents of the container including any soil or secondary phase material present. The sample was extracted three (3) times with methylene chloride using a liquid/liquid extraction technique with sodium chloride added to increase the extraction efficiency. The combined extract was passed through anhydrous sodium sulfate to remove water and was concentrated using a Zymark Turbopap Concentrator or Kuderna-Danish Concentrator. The final extract and/or dilutions of the extract were analyzed using high-resolution capillary FID Gas Chromatography (J & W DB-1 column, 0.25 micron phase, 0.32mm ID, 30 meter). The sample chromatograms were compared to hydrocarbon standard chromatograms for descriptive purposes and were compared to a DRO component standard for quantification of results.

QUANTITATION/DESCRIPTION:

NEL Sample#	Client Identification	DRO Results ug/L (ppb)*	Qualifier	Surrogate Recovery p-Terphenyl**
AJ00282	0111071-Depasquale	<50		103%

Results meet the requirements of the NELAC standards

NOTE:

Identification of pristane, phytane, and the n-alkanes is based on chromatographic patterns and retention times on a single column. Identity has not been confirmed. Several petroleum products have chromatographic profiles similar to one another; and product profiles change as weathering occurs. Descriptive/interpretive data has been provided for guidance only. Identity of products (either weathered or unweathered) should not be considered conclusive.

* Quantitation is based on a DRO component standard, utilizing a method defined window from carbon number 10 to 28 inclusive.

**p-Terphenyl is added to the sample prior to extraction as a means of assessing the validity of the analysis.

[] In instances in which the material outside the DRO window exceeds 25% of DRO, an estimated total TPH result (approximately carbon number 9 to 40) will be given in brackets following the DRO result, utilizing the response of a DRO component standard. Only total TPH results exceeding 50 ug/L (ppb) will be listed.

Analysis was conducted according to Maine method 4.1.25, "Method for Determining Diesel Range Organics." The DRO Practical Quantitation Limit is 50 ug/L (ppb)*.

Reviewed By: _____

James F. Galasyn, Ph.D., Chemistry Lab Manager

Date: 1/19/2007

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Chromatogram

Sample Name : aj00282

Sample # : auga

Page 1 of 1

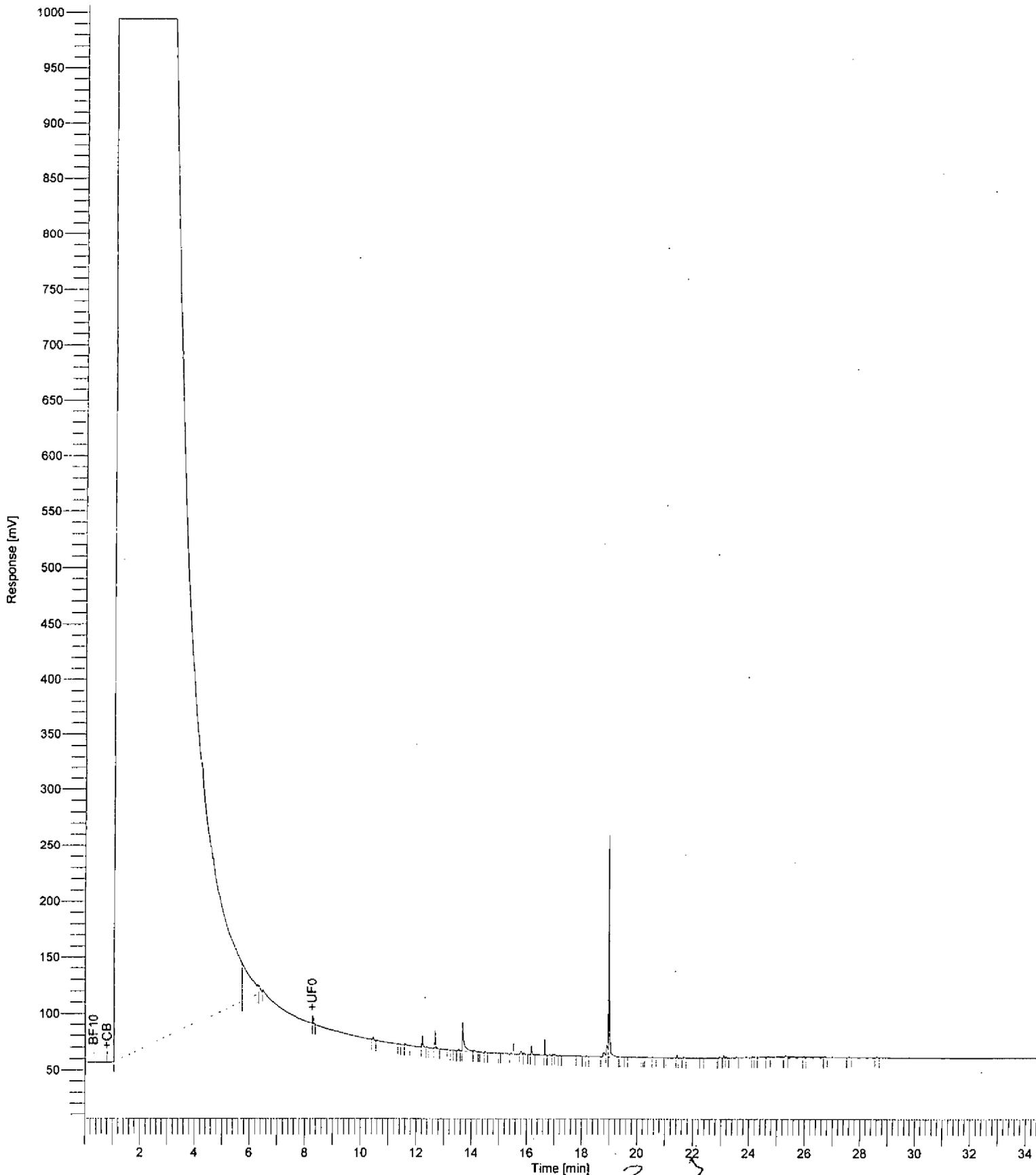
FileName : C:\DATA DRO\JAN07a\JAN07a104.raw

Date : 1/16/07 8:15:38 AM

Method : Time of Injection: 1/15/07 6:24:57 PM

Start Time : 0.00 min End Time : 34.50 min Low Point : 6.20 mV High Point : 1006.20 mV

Plot Offset: 6.20 mV Plot Scale: 1000.0 mV





P.O. Box 788
Waterville, Maine 04901-0788

227 China Road
Winslow, Maine 04901

Administrative Offices
Phone: 207-873-7711
Fax: 207-873-7022

Customer Service
Phone: 820022478378
Fax: 207-873-7022

ANALYSIS REPORT

TO: Maine DEP- Bangor

DATE SAMPLED: 01/11/2007 LABORATORY NUMBER: AJ00282
DATE RECEIVED: 01/11/2007 SAMPLE MATRIX: G-WATER
DATE ANALYZED: 01/17/2007 ANALYST: JVD
DATE REPORTED: 01/19/2007 SDG #:

SAMPLE DESCRIPTION: 0111071-Depasquale

GASOLINE RANGE ORGANICS (GRO)

NEL Sample #	Client Identification	GRO Results ug/L (ppb)	Qualifier	MTBE & BTEX ug/L (ppb)*	Qualifier	Reporting Limit	Surrogate Recovery 4-BFB**
AJ00282	0111071-Depasquale	53		MTBE:2.5		2	105%
				Benzene:4.1		1	
				Toluene:<1.0		1	
				EthylBenzene:<1.0		1	
				TotalXylenes:2.7		1	

The chromatogram is not a good chromatographic match with any of our standards.

Results meet the requirements of the NELAC standards

* Identification of MTBE and the BTEX compounds is based on retention times on the primary column. Identity has not been confirmed. Because of the possibility of co-eluting compounds, these quantitations may be higher than the actual concentration. For a more accurate or EPA approved quantitation of these compounds request Method 8260.

**4-Bromofluorobenzene is added to the sample as a means of assessing the validity of the analysis.

NOTE: See attached method information.

Analysis was conducted according to Maine method 4.2.17, "Method for Determining Gasoline Range Organics".

Reviewed By:

James F. Galasyn
James F. Galasyn, Ph.D., Chemistry Lab Manager

Date: 1/19/2007

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Chromatogram

Sample Name : aj00282

Sample # : 002

Page 1 of 1

FileName : C:\DATA GRO\dec06\dec06186.raw

Date : 1/18/2007 12:34:44 PM

Method : 083005

Time of Injection : 1/17/2007 10:52:09 AM

Start Time : 0.00 min

End Time : 30.00 min

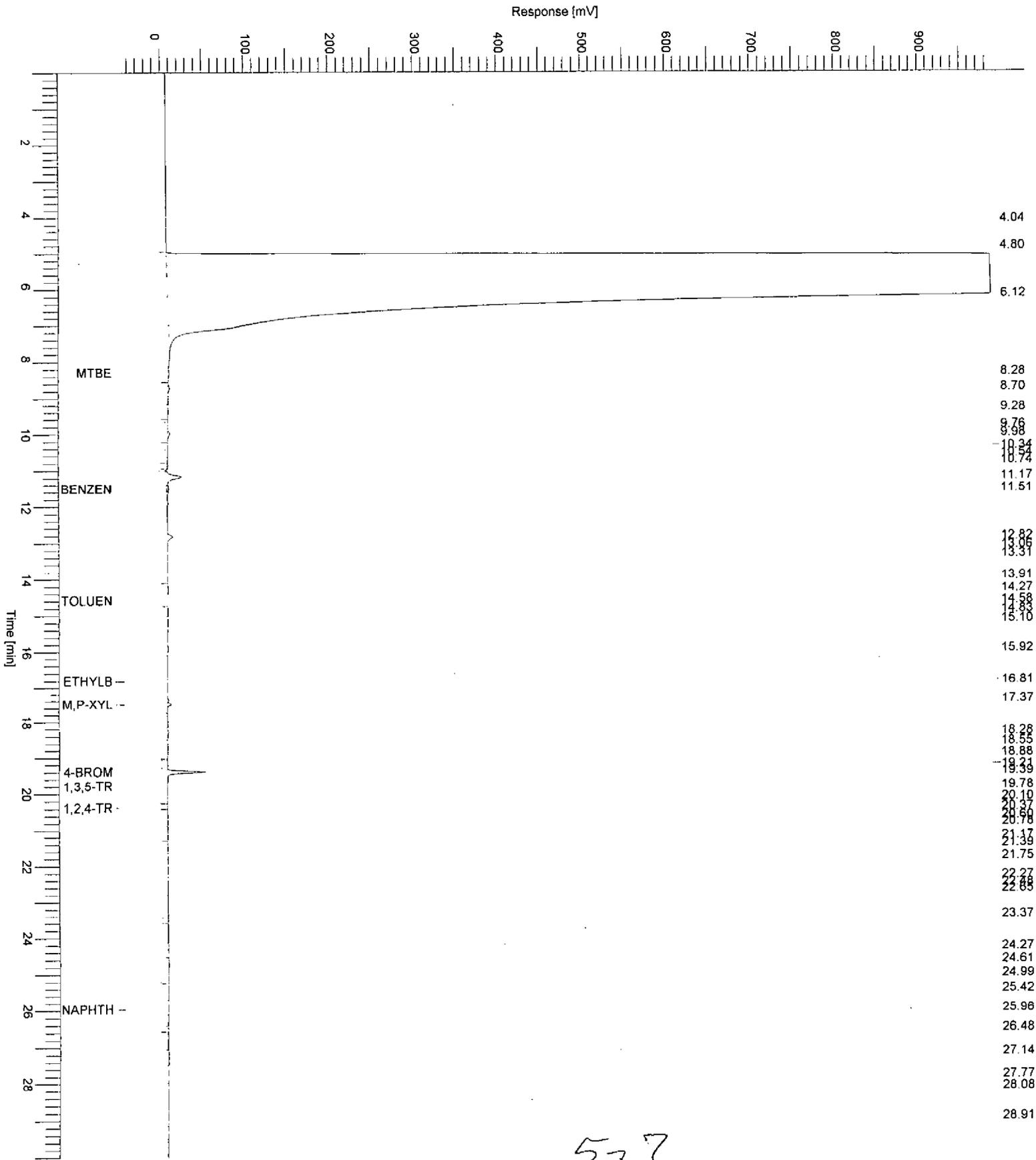
Low Point : -43.34 mV

High Point : 986.87 mV

Scale Factor : 1.0

Plot Offset : -43.34 mV

Plot Scale : 1030.2 mV



587

**NORTHEAST LABORATORY SERVICES
SAMPLE RECEIPT CONDITION REPORT**

Client: MEDEL Date/Time Received: 1/1/07 3:20 Initials: RS

Project: _____ Rush? Yes No TAT

NEL Sample Numbers: AJ0088

Delivered by: Hand Tracking Number: _____

Cooler _____ of _____

	Yes	No	NA	Comment
1. Are custody seals present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Is the COC present in cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Is the COC properly filled out?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Is a temp blank present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Is the temperature of the cooler 4°C +/- 2°C?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Temp: _____ {} Completed at NEL
6. Are ice pacs/ice present in cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Temp: _____ {} NA Collected <2Hr ago
7. Do sample labels match the COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Are samples in proper sample containers with proper preservation?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. Are samples within the analytical hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Is there sufficient volume to perform tests?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. Are samples in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12. Are aqueous VOA/GRO vials free of headspace?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13. If necessary, has the cooler been screened for radiological activity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

*See internal COC for preservation verification

Comments: _____

DEP HYDROCARBON SPILL DECISION TREE (March 2000)

Spill No. B-11-2007

Investigator: THOMAS W. VARNEY

Date: 1/24/2007 12:00:00AM

Site Name, Address: JOE DEPASQUALE, 181 CROWLEY ISLAND RE Town: COREA, ME

Please circle your response:	If "Yes" Go To	If "No" Go To	Response
<u>1.</u> Is a public water supply well located within 2000 feet of the leak or discharge site, or is the site located within wellhead protection recharge zone of a public water supply well?	12	2	<u>N</u>
<u>2.</u> Is the leak or discharge site located in or over a sand and gravel deposit?	2A	3	<u>N</u>
<u>2A.</u> Is the entire area, within a 2000 foot radius of the leak or discharge site, a non-attainment zone ?	2B	12	___
<u>2B.</u> Is there potential for vapor problems within buildings or for a confined space fire or explosion hazard?	13	11A	___
<u>3.</u> Was the release directly into bedrock or is the bedrock groundwater system contaminated?	9	4	<u>Y</u>
<u>4.</u> Was the release directly into a glacial till deposit?	9	5	___
<u>5.</u> Was the release into a silt or clay deposit?	6	N/A	___
<u>6.</u> Is there at least 10 feet of silt and/or clay between the contaminated zone and underlying more permeable surficial deposits (such as glacial till or sand and gravel) or bedrock?	7	9	___
<u>7.</u> Are the area's gradients approximately horizontal (topographic gradient flat or groundwater gradient <1%)?	8	9	___
<u>8.</u> Does the seasonal low of the water table fall below the top of the underlying aquifer (sand and gravel deposit or bedrock)? If unknown the answer is yes.	9	10	___
<u>9.</u> Is the area within 2000 feet downgradient or 1000 feet upgradient served by a public water supply ? (If there are any private wells within this are, answer "No".)	10	12	<u>N</u>
<u>10.</u> Is there any potential for vapor problems within buildings or for a confined space explosion hazard?	13	11	___
<u>11.</u> Is the entire area, within a 2000 foot radius of the leak or discharge site, a non-attainment zone ?	11A	13	___
<u>11A.</u> Is the site now or in the past been in a predominantly industrial land use?	14A	14B	___

Check clean-up goal decided upon:

- 12. **Stringent (ST) Clean-up Goals** Ground water clean-up action levels: Dissolved phase ground water contamination action levels are 25 ppb for GRO; 50 ppb DRO; 2 ppb for benzene; and 25 ppb for MTBE. Cleanup Goals: Remove all free product. Remove or remediate contaminated soil containing greater than 10 mg/kg diesel range organics, or 5 mg/kg gasoline range organics as determined by DEP-approved laboratory methods. Remediate groundwater containing greater than 50 ug/l gasoline or diesel range organics, 35 ug/l MTBE, and 5 ug/l benzene measured by DEP approved laboratory methods.
- 13. **Intermediate (IN) Clean-Up Goals** Remove all free product. Remove or remediate contaminated soil containing greater than 10 mg/kg diesel range organics, or 5 mg/kg gasoline range organics as determined by DEP-approved laboratory methods.
- 14A. **Baseline-1 (BL1) Goals** Remove all free product. Remove or remediate soil "saturated" with gasoline, kerosene, or fuel oil.
- 14B. **Baseline-2 (BL2) Goals** Remove all free product. Remove or remediate contaminated soil to: 500-1,000 ppm gasoline range organics and 200-400 ppm diesel range organics, each as measured by the DEP field headspace analysis or its Department approved equivalent field method.
- Other (Specify): _____ **Complete justification below.**

Note: Where there is significant uncertainty regarding the identity of the product, the lower gasoline or diesel organics' standards shall apply and, in the stringent category, groundwater shall be analyzed for MTBE and benzene.

JUSTIFICATION OF ALTERNATE CLEAN-UP GOAL:

NOTE: This form must be included in the case's Spill Report if completed by Division of Response Services staff. Other Bureau staff must include this documentation in the project file.

Spill Number: B-11-2007

Referral Date: 1/24/2007 12:00:00AM

Referral Type: Technical Services

To: PAUL S. BLOOD

From: THOMAS W. VARNEY

Referral:

a gasoline contaminated well on the Crowley Isl Rd. source is unknown; well casing does not appear to be well seated.

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT

Spill Number: B-129-2007

Report Status: Final Report

MCD Town: GOULDSBORO
Local Name: GOULDSBORO
Primary Responder: THOMAS W VARNEY
Primary Product: Transformer Oil {87} - 10 gals. ESTIMATE
Subject/Owner: BANGOR HYDRO-ELECTRIC COMPANY - -

I. EVENT

Spill Info

Type Oil Incident {O}
Source Utility - Electrical Transformer {ET}
Cause Corrosion - Other {04}

Spill Date/Time

03/20/2007 19:40

Reporter Type/Detection Method

Type Subject/Spiller {2}
Method Visual Product {L}

Reported Date/Time

03/20/2007 19:43

Subject/Spiller (Potential Responsible Party)

Contact --BANGOR HYDRO-ELECTRIC COMPANY
PO BOX 932
21 TELCOM DR
BANGOR ME 04402-0932 USA
207-945-5621

Comment

Reporter

Contact JOHN GABARRA--BANGOR HYDRO-ELECTRIC COMPANY
PO BOX 932
21 TELCOM DR
BANGOR ME 04402-0932 USA
207-945-5621

Comment

Primary Responder and Other Employees

THOMAS W VARNEY (Primary Responder)

No Further Response Action Expected

II. SITE

Location

Location Type Utility - Power {PW}
Name POLE 11
Street Address CRANBERRY POINT RD
MCD Town GOULDSBORO
Local Name GOULDSBORO
State/Province ME

Spill Point

UTM North 4,916,131.580000
UTM East 581,548.910000

Wells and Media Affected

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

Tanks Involved

None

III: CLEANUP**Product Reported**

Transformer Oil {87}

Cleanup DTREE**Products Found/Amount Spilled**

Transformer Oil {87}/ - 10 gals. ESTIMATE (Primary Product)

Material Recovered

Other Material {OM} - 5 cu. yds. ESTIMATE

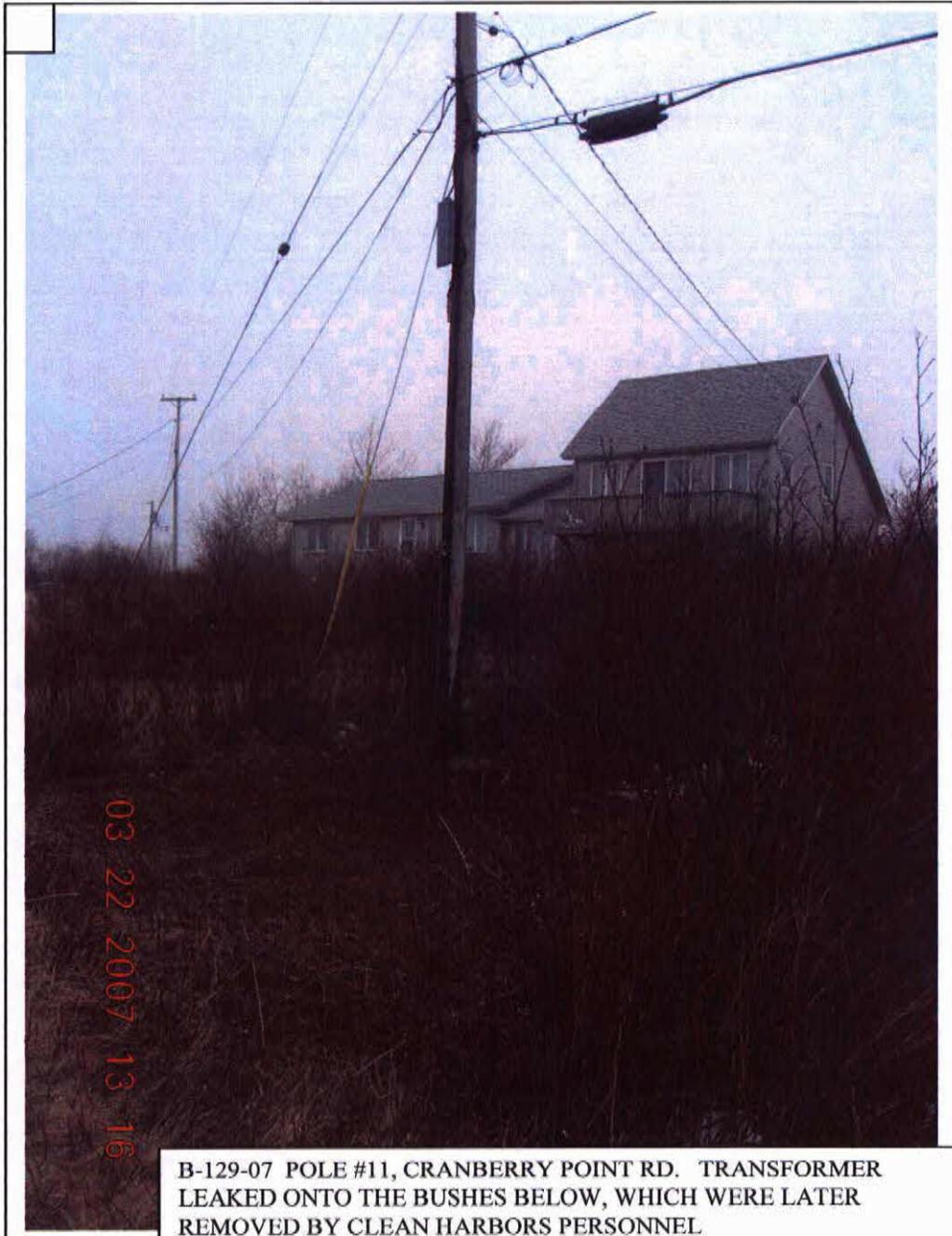
Recovery/Treatment Method

Remove {R}

Disposal InformationContaminated material was
disposed of at Pine Tree
Landfill.**IV: NARRATIVE**

Salt water spray rusted out the transformer atop pole #11 on the Cranberry Point Road, which caused the failure of the transformer and the contamination of the bushes under it. See Bangor Hydro-Electric Company's attached report.

V: ATTACHMENTS**Attachment Type**Paper Attach
Paper Attach**Description**3 pages BHECo report
photo**File Name**



B-129-07 POLE #11, CRANBERRY POINT RD. TRANSFORMER
LEAKED ONTO THE BUSHES BELOW, WHICH WERE LATER
REMOVED BY CLEAN HARBORS PERSONNEL



March 29, 2007

Mr. Tom Varney
Maine Department of Environmental Protection
Division of Response Services
106 Hogan Road
Bangor, ME 04401

Dear Tom:

RE: OIL SPILL AT POLE 198/11 CRANBERRY POINT ROAD, COREA, ME.

Enclosed is a copy of Bangor Hydro-Electric Company's spill report regarding the subject spill.

If you have any questions about the incident or the enclosed report, please call me at 973-2542.

Sincerely,

A handwritten signature in cursive script that reads "Mona E. Spear".

Mona E. Spear
Environmental Compliance Specialist

MES

Enclosure

ENVIRONMENTAL\SPILL REPORT COVER LETTERS 2007

BANGOR HYDRO-ELECTRIC COMPANY
SPILL REPORT FORM

Date and Time of Incident : 03/20/07, 6:15 p.m.

1. Location of Incident:

Town: Corea
Street Name: Cranberry Point Road
County: Hancock

Division : Hancock
Facility : N/A
Pole No : 198/11

2. Source of the Spill :

Electrical Equipment

Other

Type : Transformer
Make : General Electric
Size : 10 KVA
Serial No. : Q334715-YOJ

Specify : N/A

3. Spill Information:

Substance : Mineral Oil
Amount: 7-10 gallon(s)
Size of Spill Area: 10' x 12' & 9' x 33'

Level of PCB's: < 2 ppm
Lab Certification No. : N/A

Description of Spill Area:

Mostly in prickly bushes and decayed material at base of pole (10' x 12'). Some lightly spotted area on pavement (9' x 33'). About 150' from high water mark of ocean.

Cause of Spill:

Rusted at bottom from salt water spray.

Measures Taken to Clean Up Spill:

Took transformer down. Had Clean Harbors remove oil-contaminated prickly bushes and decayed material around pole. Mona inspected site before cleanup on 3/21/07 and spoke to property owner who said to remove as many bushes as we wanted.

Property Damage:

None

Injuries/Fire:

None

4. Disposal Information:

Amount of Debris: Ten bags of oil-contaminated prickly bushes, decayed material and PPE. Direct to Pine Tree Landfill by Clean Harbors.

Method of Disposal: Through Pine Tree Landfill, Hampden, ME.

5. Reporting Information:

Reported to BHE:

System Operator (Name): Alex King
or
Environmental Services
& Compliance (Name): John Gabarra

Reported by: Chip Smart
Date: 03/20/2007 Time: 6:40 p.m.

Reported to DEP:

DEP Staff (Name): Maine State Police Disp, Mosley; DEP, Tom Varney

Reported by: John Gabarra
Date: 03/20/2007 Time: 7:40 p.m.

Comments:

Directions: take Rte 195 into Corea Village. Go past Crowley Island Road on left. Bare to right at end of road onto Cranberry Point Road.
Customer: Dr. Wynn & Mary Anne Mabry - Davidson, NC 28036. Phone: 704-896-6273

Mona E. Spear 3/28/07
Signature of BHE Environmental Date
Services & Compliance Representative

APPENDIX G
Qualifications

EDUCATION

MS, Geology, University of Idaho, 1987
BS, Geology, State University of New York at Stony Brook, 1982

**PROFESSIONAL
PROFILE**

As a Maine and New Hampshire Certified Geologist and President of Campbell Environmental Group, Inc. (CEG), Richard Campbell supervises the CEG staff and aspects of work performed in Maine and New Hampshire. In particular, he is responsible for developing work scopes, schedules and budgets, and supervises fieldwork and document production. He interfaces with customers, legal representatives, and the regulatory community. Mr. Campbell also serves as a remediation specialist.

Working in the environmental industry since 1988, Mr. Campbell has professional experience in the fields of applied geology, hydrogeology, and computer applications. He has worked on projects that include environmental assessments, hydrogeologic investigations of hazardous waste and coal tar sites, and site remediations. His remediation experience includes a variety of *in-situ* and *ex-situ* techniques, which include pump and treat, liquid-phase product recovery, soil vapor extraction, air sparging, dual-phase extraction, and *in-situ* reductant metals treatment systems.

**PROJECT
EXPERIENCE**

Androscoggin Valley Council of Governments Brownfield Program

Mr. Campbell is currently serving as the Project Manager for the Androscoggin Valley Council of Governments (AVCOG) Brownfield Program. As Project Manager, his responsibilities include supervision of fiscal requirements, ensuring the appropriateness of scientific and engineering services provided for each task, participating in public meetings, and community outreach. Mr. Campbell is instrumental in completing the Phase II work plans, directing the work, participating in key field activities, and reviewing all reports.

Maine Department of Environmental Protection Brownfields Grant Program

Mr. Campbell was the Program Manager for CEG's Maine Department of Environmental Protection (MEDEP) Brownfields contract. CEG conducted investigations or feasibility studies at seven MEDEP Brownfields sites. As Program Manger, Mr. Campbell's responsibilities included: supervision of fiscal requirements; supervision of three project managers; ensuring appropriateness and adequacy of the scientific and engineering services provided for each task; and providing day to day communications, both within the CEG project team and with the MEDEP relative to task matters, including status reporting, schedules, budgets, staffing, and technical issues.

City of Westbrook Petroleum Brownfields Program

Mr. Campbell managed Westbrook's Community Wide Petroleum Brownfields project which concluded in 2009. As Project Manager, he communicated with all

stakeholders and was responsible for all aspects of the program. In particular he was responsible for managing the scope, schedule, and budget. He also served as the Maine Certified Geologist and was involved in all Phase II ESAs and reviewed all documents.

Investigation and Closure of a Textile Mill

Mr. Campbell is currently managing the investigation and RCRA closure of a multi-building former textile mill that had operated in southern Maine since the 1870's. The primary building is approximately 450,000 square feet in area and is located adjacent to the Mousam River. The buildings housed multiple transformers, mercury-filled equipment, numerous above-ground storage tanks, and hundreds of drums and other containers storing potentially hazardous materials. Wastes associated with this facility historically were discarded in floor drains and trenches that led to the environment. As a result, the site is impacted by a variety of contaminants including metals, volatile organics compounds, and semi-volatile organic compounds. The metals of concern are arsenic, chromium, and lead. CEG has recently completed the site characterization and is negotiating future tasks with the MEDEP.

Site Investigation and Remediation to Drinking Water Standards

Mr. Campbell managed projects at the only two known sites in Maine where the groundwater has been remediated to Maine Exposure Guidelines (MEGs) for drinking water using *in-situ* methods. One site involved the successful remediation of groundwater threatening the Oxford town water supply. The remedial methods employed at this site consisted of groundwater extraction and treatment and soil vapor extraction. In approximately three years, concentrations of gasoline in the groundwater were reduced from over 10,000 micrograms per liter ($\mu\text{g/L}$) to within the MEGs for drinking water. The site was closed from further regulatory involvement by the MEDEP and removed from their Top 10 priority list.

The second site involved the successful remediation of soil and groundwater threatening the Town of Standish southern Sebago Lake intake water supply. At this site, groundwater pump and treat, soil vapor extraction, and air sparging combined to eliminate liquid-phase petroleum from the site and remediate the groundwater to within the MEGs in less than two years. This site was also closed from further regulatory involvement and removed from the MEDEP's Top 10 priority list.

MEDEP-Site Closure Project

Since this project began in 1999, CEG has closed over 120 petroleum sites for the MEDEP. This project involves conducting interviews with MEDEP project managers, reviewing and organizing MEDEP files, evaluating site data to determine if closure criteria have been achieved, completing tasks to comply with the MEDEP's closure criteria, preparing reports and documents for each site, insuring the MEDEP's site database is accurate, and evaluating the MEDEP's closure

process. The completion of this project, in June 2004, will result in closing approximately 50 additional petroleum sites and may result in potential changes to the MEDEP's petroleum closure policy. As part of this project, Mr. Campbell has supervised the preparation of a manual that details the closure procedures that CEG has implemented. CEG has participated in training MEDEP staff on implementing these closure procedures and the CEG manual has been distributed to MEDEP staff as a guideline for closing their own sites.

SPECIAL

QUALIFICATIONS

Health and Safety Training

OSHA 40-Hour Safety Training for Hazardous Waste Activities
OSHA 8-Hour Supervisor Training
OSHA 8-Hour Refresher Training (annual)
OSHA Confined Space Entry
US DOT Hazmat Transportation Training
American Red Cross First Aid and CPR
Lockout Tagout Training

Registrations and Certifications

Certified Geologist, Maine and New Hampshire
Certified Contractors Quality Control Manager, US Army Corps of Engineers

Publications

Conditions Affecting Soil Vapor Extraction Pilot Testing; Richard B. Campbell, Natalie Hudon, David Bass; proceedings and presentation for Third Conference of Lessons Learned in the Remediation of Petroleum-Contaminated Sites in Maine; Maine MEDEP; April 21, 1995.

Effects of Seasonal and Well Construction Variables on Soil Vapor Extraction Pilot Tests; Richard B. Campbell, Natalie Hudon, David Bass; proceedings for Superfund XVI Conference and Exhibition; November 6-8, 1995.

Combining Remedial Technologies for Rapid Containment Source Reduction; Richard B. Campbell, Stephen B. Schuchert, and Patricia O. Seaward; proceedings for Second Conference of Lessons Learned in the Remediation of Petroleum-Contaminated Sites in Maine; MEDEP; April 28, 1994.

Source Area Reduction and Downgradient Attenuation Approach to Bedrock Remediation; Patricia O. Seaward, Richard B. Campbell, Thomas E. Schwarm; proceedings for First Conference of Lessons Learned in the Remediation of Petroleum-Contaminated Sites in Maine; MEDEP; June 23, 1993.

Guidance Manual For Aboveground Soil Vapor Extraction Of Gasoline Contaminated Soil; MEDEP; March 1992.

EDUCATION BS, Geology, Florida State University, 1987

**PROFESSIONAL
PROFILE**

As a senior geologist for Campbell Environmental Group, Inc., Ms. Wallace manages projects that include preparing work plans, coordinating and supervising subcontractors, scheduling and performing field activities, evaluating data, and preparing budgets, invoices, graphics, and reports. Ms. Wallace has professional experience in the fields of applied geology and hydrogeology. She has participated in various projects including Phase I and Phase II environmental site assessments, hydrogeologic investigations, site remediation, and Brownfield sites under the Maine Department of Environmental Protection (MEDEP) Program.

Ms. Wallace began her career as an engineer technician for Sebago Technics, Inc. She acquired experience in various aspects of land development. Her responsibilities included the preparation of storm water management plans, Sediment and Erosion Control plans, and preliminary site plan designs. The projects ranged from small scale site plans to large scale subdivision plans. Ms. Wallace is a former Licensed Site Evaluator with experience in the design of private and engineered community septic systems.

**PROJECT
EXPERIENCE**

Androscoggin Valley Council of Government (AVCOG) Hazardous Substance Assessment Brownfields Program

Ms. Wallace was Project Manager for the 2007 AVCOG Brownfield Assessment grant. Responsibilities included preparing Phase I ESAs preparation of workplans, site specific quality assurance project plans (SSQAPP), coordinating and scheduling Phase II ESA field activities, Phase II report preparation, invoicing, and budget tracking. The sites selected for investigation included a former shoe factory, former tannery, former printing press, and a burned down paint supply business. The assessment emphasized the identification of contamination sources and potential impacts to public health and the environment. Also prepared visual aid materials for public presentation of the Phase I results.

City of Westbrook Petroleum Brownfields Program

Ms. Wallace served as the Project Manager for the City of Westbrook's Petroleum Brownfields Program. As Project Manager, her responsibilities include assisting in the preparation of federal reporting requirements, soliciting potential participants,

supervising the completion of Phase I and Phase II ESAs, and tracking the budget of the project. Three Phase I ESAs and two Phase II ESAs were completed.

Industrial Box & Lumber, Parsonsfield (MEDEP Brownfields Program)

Responsibilities included: reviewing historical data, preparing a work plan to meet the site's objective, Quality Assurance Plan (QAPP), and Health & Safety Plan (HASP); implementing the work plan by using multiple subsurface techniques; conducting a potential hazardous waste inventory; evaluating the data; communicating with all parties involved, and preparing the final report summarizing the methods, results, conclusions, and recommendations.

Rolnick Property, Brewer (MEDEP Brownfields Program)

Responsibilities included: preparing a Phase I ESA, a work plan for a Phase II ESA, QAPP, HASP; coordinating and conducting field work associated with the subsurface investigation, evaluating the data, and preparing a final report that emphasized areas of concern and potential remedial alternatives.

**SPECIAL
QUALIFICATIONS**

Certifications

State of Maine Licensed Site Evaluator; No. S282, 1988-1992

OSHA 29 CFR 1910.120 40-Hour Safety Training

OSHA 8-Hour Supervisor Training

OSHA 8-Hour Refresher Training (annual)

US DOT Hazmat Transportation Training

Lockout Tagout Training

American Red Cross First Aid and CPR

Continuing Education

Seminar, Principles of Subsurface Contamination, Fate and Transport Modeling
National Water Well Association, 1992

University of Southern Maine, Groundwater Modeling, 1992

University of Southern Maine, Hydrology, 1991

Solutions Computer Center, Autocad Training, 1991

Cumberland County Soil & Water Conservation District, Soils, Sediment and Erosion
Control, Certification of Completion, 1989

Cumberland County Soil & Water Conservation District, TR-55, Certificate of Completion,
1989

University of Southern Maine, Soil Formation and Classification, 1988

Florida State University Graduate Course, Direct Individual Study in Hydrology, 1986

Conferences/Seminars

Regional Information Session: FY2006 Grant Guidance for Brownfields Assessment,
Clean-up, and Revolving Load Fund Proposals

Regional Information Session: FY2008 Grant Guidance for Brownfields Assessment,
Clean-up, and Revolving Load Fund Proposals

EPA National Brownfields Conference, Denver, CO, 2005

EPA National Brownfields Conference, St. Louis, MO, 2004

