# PHASE I ENVIRONMENTAL SITE ASSESSMENT
# 29 BELMONT AVENUE (FORMER EXXON STATION)
# BELFAST, MAINE

Prepared for:

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

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## EXECUTIVE SUMMARY

The following report presents the findings of a Phase I Environmental Site Assessment (ESA) performed by Ransom Consulting Inc. (Ransom) for the property located at 29 Belmont Avenue in the City of Belfast, Waldo County, Maine (the "Site"). This Phase I ESA was performed in accordance with the requirements of ASTM International Designation: E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, which meets the requirements of the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI), 40 CFR Part 312. The purpose of this Phase I ESA was to document the environmental history of the Site, to evaluate whether a release or threat of release of oil and/or hazardous material (OHM) has occurred or has the potential to impact the Site, and to provide our professional opinion regarding evidence of *recognized environmental conditions (RECs)* in connection with the Site.

The Site consists of rectangular-shaped parcel of land, encompassing approximately 0.76 acres, located along the northern side of Belmont Avenue (Route 3). The Site is identified by the City of Belfast Assessor's Office as Tax Map 5, Lot 16B, which corresponds to 29 Belmont Avenue. The Site is located in a primarily highway-commercial area of Belfast, although the abutting properties to the east and west of the Site are used for residential purposes. The Site currently exists as vacant, unimproved land. The Site is bounded to the east by a small unnamed stream, which originates from wetland areas located to the northeast of the Site, and flows to the south, passing under Belmont Avenue.

The Site was originally developed in 1956 as a gasoline filling station and automobile repair facility. The filling station and auto repair facility operated until the Site was vacated in 1998. The former Site building was located on the northwestern portion of the Site, and included two vehicle bays used for automobile repair. Previous environmental reports reviewed during this assessment identified a hydraulic automobile hoist and a floor drain in the vehicle bays of the former Site building. The floor drain was reportedly plugged when the Site transitioned from a private, on-site septic system to the municipal sewer system in the mid-1970s.

According to previous property owners interviewed during this assessment, the Site was originally developed with one 2,000-gallon, one 3,000-gallon, and one 4,000-gallon underground storage tank (UST) installed in 1956, which were used for the storage of gasoline. The USTs were located to the southeast of the former Site building. The original USTs were replaced in 1984 with three registered USTs (Facility Registration Number 2053), which were also used for the storage of gasoline. The registered USTs were reportedly installed in the same area as the original generation of USTs and consisted of one 6,000-gallon UST and two 4,000-gallon USTs. Reportedly, the Site was never used to store or dispense diesel fuel. Waste oil generated during automotive repair activities was reportedly stored in an above ground storage tank (AST) on the northern side of the former building, and was periodically collected for off-site disposal. The former filling station ceased operation in 1998, the gasoline USTs were removed in 2002, and the former building was demolished in 2003.

The 1984 UST replacement activities were reportedly overseen by the MEDEP. During UST replacement activities, petroleum contamination was reportedly observed at the time, and was backfilled and/or left in place. No additional information regarding the condition of the USTs or soil/groundwater impacts was available regarding the 1984 UST replacement. MEDEP Spill Numbers A-232-1998 and A-576-2002 were also identified in connection with the Site. Spill Number A-232-1998 was issued in response to a subsurface investigation conducted at the time the Site was vacated in 1998, which identified elevated concentrations of gasoline and diesel-range organics in Site soils. The MEDEP did not require

remediation activities at that time. Spill Number A-576-2002 was issued in response to petroleum contamination detected at the time of the 2002 UST removal. The observed contamination was attributed to a combination of releases from the original USTs and replacement USTs, as well as releases from a neighboring bulk fuel facility. Site remediation of the identified impacted soils was also not required by the MEDEP at that time.

The adjacent property to the north of the Site was operated as a bulk fuel storage facility from the mid-1950s until 2004. A release of approximately 3,200 gallons of fuel oil occurred at this facility in 1990. The release impacted soil conditions at the bulk fuel facility, as well as surface water bodies located adjacent to the Site. Based on the proximity and upgradient location of this property, as well as analytical results from previous subsurface investigations at the Site, the former bulk fuel storage facility has the potential to have adversely impacted the environmental conditions at the Site.

In conformance with the scope and limitations of ASTM Standard Practice E 1527-05 and USEPA AAI (40 CFR Part 312), Ransom has completed a Phase I ESA for the Site identified by the City of Belfast Assessor's Office as Tax Map 5, Lot 16B, which corresponds to 29 Belmont Avenue, City of Belfast, Waldo County, Maine. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. Based on the information obtained during this Phase I ESA, Ransom has identified the following *recognized environmental conditions* (RECs) in connection with the Site:

1. Documented soil and groundwater contamination resulting from historic petroleum storage and releases at the Site and the neighboring bulk fuel facility. During UST replacement and removal operations, contamination in excess of historic cleanup guidelines was reportedly backfilled and/or left in place at the Site, as well as at the upgradient bulk fuel facility. Petroleum contaminants likely remaining at the Site and neighboring bulk fuel facility have the potential to represent an environmental risk to human health and the environment, depending on future Site use and/or redevelopment.

2. Historic automotive repair activities and the historic on-site septic system have the potential to have impacted the environmental conditions at the Site with waste petroleum products, parts cleaners, degreasers, and other automotive fluids. These contaminants may also represent a risk to human health and/or the environment, depending on future Site use and/or redevelopment.

Based on the findings of this assessment, it is Ransom's opinion that additional investigation is warranted to address the above-stated RECs, document current Site conditions in relation to current regulatory cleanup guidelines, and evaluate the suitability of the Site property for the proposed redevelopment use. Ransom recommends that a Site-Specific Quality Assurance Project Plan be developed and a Phase II ESA be implemented to evaluate current soil, groundwater, and soil vapor conditions at the Site. Findings from the additional investigation(s) should be used to evaluate potential health and environmental risks associated with redevelopment of the Site property and identify whether remediation or mitigation measures are necessary to eliminate these potential health and environmental risks.

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## 1.0 INTRODUCTION

The following report presents the findings of a Phase I Environmental Site Assessment (ESA) performed by Ransom Consulting Inc. (Ransom) for the property located at 29 Belmont Avenue (Route 3), in the City of Belfast, Waldo County, Maine (the "Site"). The Phase I ESA was prepared for the City of Belfast, using the United States Environmental Protection Agency (USEPA) Brownfields funding under the City of Belfast's Brownfields Assessment Grant No. BF-96151001-0. Refer to Figure 1, Site Location Map, to view the general location of the Site on a 7.5-minute topographic quadrangle.

### 1.1 PURPOSE

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

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

By performing a Phase I ESA of a parcel of real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products, a user satisfies one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability.

### 1.2 SCOPE OF WORK

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

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

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

### 1.3 SIGNIFICANT ASSUMPTIONS

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

### 1.4 LIMITATIONS, EXCEPTIONS, AND DEVIATIONS

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

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

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

### 1.5 SPECIAL TERMS AND CONDITIONS

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

### 1.6 USER RELIANCE

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

## 2.0 PROJECT LOCATION/DESCRIPTION

### 2.1 LOCATION AND LEGAL DESCRIPTION

The Site consists of rectangular-shaped parcel of land encompassing approximately 0.76 acres located along the northern side of Belmont Avenue, approximately 800 feet west of the intersection of Belmont Avenue and Hatley Road, in the City of Belfast, Waldo County, Maine. The Site is identified by the City of Belfast Assessor's Office as Tax Map 5, Lot 16B, which corresponds to 29 Belmont Avenue. Refer to Figures 1 and 2, Site Location Map and Site Plan, for the layout of the Site and adjoining properties.

### 2.2 CURRENT SITE AND VICINITY CHARACTERISTICS AND USES

The Site is located in a primarily highway-commercial area of Belfast, although the current abutting properties to the east and west of the Site are used for residential purposes. The Site is located within the "RT-3" zone (Route 3 Commercial District), as designated by the City of Belfast. The Site currently exists as vacant, unimproved land. According to information obtained during this investigation, the Site has been vacant since 1998. A former filling station and automobile repair building, constructed in circa 1956, was demolished in 2003, and the Site has remained unimproved since that time. The Site is currently abutted to the north by vacant land, formerly occupied by the Boynton Bulk Fuel Oil Facility, and to the south by Belmont Avenue (Route 3), across which lies the EBS Building Supply Retail Store. Furthermore, the Site is bounded to the east by a small unnamed stream, which originates from wetland areas located to the northeast of the Site, and flows to the south, passing under Belmont Avenue.

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

Currently, the Site is primarily an unimproved lot. Limited asphalt paving exists on the southern portion of the property, adjacent to Belmont Avenue. Overhead electrical lines, transecting the Site from Belmont Avenue, connect to a telephone pole in the center of the Site, and provide electricity to the neighboring vacant lot to the north.

Municipal sewer and water utilities are available to the Site. A sewer pump station structure and associated features are located adjacent to Belmont Avenue and the unnamed stream to the east of the Site. According to information provided by the City of Belfast, these features are reportedly owned and operated by the Belfast Sewer District, and are located on the adjacent parcel to the east of the Site, which includes the unnamed stream. In addition, a 20-foot wide easement runs north-south along the eastern side of the Site property, and provides parcel and street access for the abutting property to the north (Map 5, Lot 16C). A Site Plan and photograph log are included as Figure 2 and Appendix A, respectively.

## 2.4 PHYSICAL SETTING

### 2.4.1 Topography

The topography of the Site is generally flat. Based on information provided in previous environmental reports (Timson & Associates, 1998), the Site historically sloped downward from the northwestern corner of the Site to the southeastern corner, adjacent to the unnamed stream. The Site was likely regraded when the former building was demolished in 2003. Based on the Belfast, Maine USGS Quadrangle, the general elevation of the Site is approximately 200 feet above mean sea level, as referenced to the National Geodetic Vertical Datum (NGVD). Regional topography generally slopes downward to the east/southeast.

### 2.4.2 Soils/Geology

According to previous environmental reports (Timson & Associates, 1998, White, 2002), surficial soils at the Site consist of fill material to depths ranging from 2 to 6 feet below ground surface (bgs). The fill material consists of sand with varying amounts of silt and gravel, and was reportedly derived from the construction of the Route 1 By-Pass in the early 1950s. The fill material was observed to be underlain by glacio-marine clays.

According to *1985 Bedrock Geologic Map of Maine*, bedrock in the area of the Site is identified as the Penobscot Formation and/or the Megunticook Formation. These bedrock formations consist of Ordovician-Cambrian age pelite. Ransom did not observe bedrock outcrops at the Site during our reconnaissance. Previous subsurface investigations (Timson & Associates, 1998, White, 2002) did not encounter refusal conditions. Therefore, shallow bedrock (i.e., near ground surface) is not expected to be encountered at the Site.

### 2.4.3 Surface Water Bodies/Floodplains

As previously discussed, the Site is bordered to the east by an unnamed stream which flows in a southerly direction under Belmont Avenue. A large wetland area is located to the northeast of the Site, and is drained by the unnamed stream. Based on the Waldo, Maine National Flood Insurance Program Map (Community Panel Number 2301290005B), it appears that the eastern portion of the Site is located within the 500-year flood zone.

### 2.4.4 Hydrogeology

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

## 3.0 USER PROVIDED INFORMATION

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

### 3.1 TITLE RECORDS

Title records in connection with the Site were not provided by the City of Belfast. Because the history and past uses of the Site are well documented, the lack of a title record review is not anticipated to limit Ransom's ability to identify RECs in connection with the Site.

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

No environmental liens or activity/use restrictions in connection with the Site were identified by the City of Belfast. Furthermore, Ransom's review of municipal records (Section 5.2) did not identify any environmental liens or activity/use restrictions associated with the Site.

### 3.3 SPECIALIZED KNOWLEDGE

The City of Belfast reported having no specialized knowledge of the Site or historic Site operations. Specialized knowledge was provided by previous property owners/operators (Section 7.0).

### 3.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

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

### 3.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

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

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

It is Ransom's understanding that the Site contacts interviewed during this Phase I ESA study, including the City of Belfast's municipal personnel and the previous Site owner, Mr. Harlan Nickerson, have provided Ransom with available information pertinent to recognized environmental conditions in connection with the Site.

### 3.7 REASON FOR PERFORMING PHASE I ESA

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

### 3.8 PREVIOUS ENVIRONMENTAL REPORTS

No previous environmental reports in connection with the Site were provided by the City of Belfast; however, the Maine Department of Environmental Protection (MEDEP) provided available pertinent environmental information during a file review for the Site. Please refer to Section 5.3, for information obtained during our file review at the MEDEP.

## 4.0 HISTORICAL USES

### 4.1 HISTORICAL USE INFORMATION FOR THE SITE

The history of the Site was researched to ascertain past use from the present back to the property's first developed use, or back to 1940, whichever was earlier. Reasonably ascertainable historical information sources researched in this assessment allowed uses of the Site to be traced from the present back to 1939. At that time, the Site was not developed with any structures, and appears to have been used for agricultural purposes (e.g., open farmland). The historic agricultural use of the property is not expected to represent a REC in connection with the Site. The following standard historical sources were reviewed by Ransom:

- Interviews with Mr. Harlan Nickerson, previous property owner and former Exxon station manager.
- Historical topographic maps, dated 1917, 1950, 1960, and 1973 (Appendix D).
- Aerial photographs, provided by EDR, dated 1970, 1973, 1985, 1991, 1996, 2006 and 2007, and aerial photographs dated 1939 and 1957, provided by the City of Belfast (Appendix E).
- Information reviewed at the City of Belfast municipal offices.
- Previous environmental reports (Appendix C), provided during our Maine Department of Environmental Protection (MEDEP) file review.

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

| Year(s) | Property Use and Observed Details | Reference Source |
|---|---|---|
| 2003 to Present | Vacant property | Site contact, Municipal offices, Aerial Photos |
| 1998 to 2003 | Vacant property, improved with a former Exxon station building, USTs, and fuel dispensing systems.<br><br>Note: USTs and piping were removed in 2002 and the building was demolished in 2003. | Site contact, Municipal offices, Aerial Photos, MEDEP |
| 1966 to 1998 | Nickerson's Exxon: gasoline filling station and automobile repair facility.<br><br>Note: Eastern portion of Site used for storage of U-haul trailers, which were rented by Nickerson's Exxon. | Site contact, Municipal offices, Aerial Photos, Topographic Maps, MEDEP |
| 1956 to 1966 | Nickerson's Exxon: Gasoline filling station and automobile repair facility. | Municipal offices, Aerial Photos, Topographic Maps |
| Prior to 1956 | Undeveloped agricultural land | Municipal offices, Aerial Photos, Topographic Maps |

### 4.2 HISTORICAL USE INFORMATION FOR ADJOINING PROPERTIES

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

| Year(s) | Property Use and Observed Details | Reference Source |
|---|---|---|
| **North** | | |
| 2004 to Present | Vacant property with remains of former bulk fuel containment structure | Site visit, Municipal offices, Aerial Photos |
| circa 1956 to circa 2004 | Boynton's Bulk Fuel Facility; including two (2) 15,000-gallon above ground storage tanks (ASTs) and one 10,000-gallon AST containing No. 2 fuel oil and kerosene. | Site Contacts, Aerial Photos, Previous Environmental Reports. |
| Prior to 1956 | Undeveloped agricultural land | Aerial Photos, Topographic Maps |
| **South** | | |
| circa 1950 to Present | EBS Building Supply | Site Visit, Municipal offices, Aerial Photos, Topographic Maps |
| Prior to circa 1950 | Unimproved/agricultural land | Aerial Photos |
| **West** | | |
| circa 1917 to present | Residential/agricultural land | Aerial Photos and Topographic Maps |
| **East** | | |
| circa 1960 to present | Residential | Aerial Photos, and Topographic Maps |
| Prior to circa 1960 | Unimproved/agricultural land | Aerial Photos, and Topographic Maps |

Based on proximity to the Site, presumed groundwater flow direction, as well as other information discussed in Section 5.2.2 below, the northern adjoining property, identified as Boynton's Bulk Fuel Facility, has the potential to have impacted the environmental conditions of the Site. No other neighboring properties are expected to represent a threat to the environmental condition at the Site.

## 4.3 CHAIN OF TITLE

According to the City of Belfast Assessor's Office, the Site is currently owned by Eighty One Eutaw, LLC. The following ownership history was derived from information reviewed at the Belfast Assessor's Office.

| Owner | Date | Book/Page |
|---|---|---|
| Eighty One Eutaw, LLC | 11/15/2003 | 2526/334 |
| Blackstone Properties, LLC | 8/14/2002 | 2291/79 |
| Nickerson, Harland & Catherine | 1966 | 695/229 |

Information included on historic property cards indicated that Harland Nickerson purchased the Site property from his father-in-law in 1966.

## 5.0 RECORDS REVIEW

### 5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

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

| DATABASE RECORD | AMSD (Miles) | Total Sites Found | On Subject Property | On Adjoining Property |
|---|---|---|---|---|
| Federal NPL List | 1 | 0 | No | No |
| Federal Delisted NPL List | 0.5 | 0 | No | No |
| Federal CERCLIS List | 0.5 | 0 | No | No |
| Federal CERC-NFRAP List | 0.5 | 0 | No | No |
| Federal RCRA CORRACTS Facilities List | 1 | 0 | No | No |
| Federal RCRA Non-CORRACTS TSD Facilities List | 0.5 | 0 | No | No |
| Federal RCRA Generators List | Property and Adjoining | 0 | No | No |
| Federal Institutional/Engineering Controls Registries | 0.5 | 0 | No | No |
| Federal ERNS List | Property Only | 0 | No | No |
| State-Equivalent CERCLIS/SHWS List | 0.5 | 0 | No | No |
| State Landfill and/or Solid Waste Disposal Site List | 0.5 | 0 | No | No |
| State Leaking AST List | 0.5 | 4 | No | **Yes** |
| State Registered AST List | 0.25 | 3 | No | **Yes** |
| State Leaking UST List | 0.5 | 4 | **Yes** | No |
| State Registered UST List | 0.25 | 2 | **Yes** | No |
| State Institutional/Engineering Controls Registries | 0.5 | 2 | No | No |
| State Voluntary Cleanup Sites | 0.5 | 2 | No | No |
| State Brownfield Sites | 0.5 | 0 | No | No |

### 5.1.1 Discussion of Database Findings

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

Site

The Site (listed as "Nickerson's Exxon") was identified in the environmental databases as a Registered Underground Storage Tank (UST) site, a Leaking Underground Storage Tank (LUST) site, and an Underground Injection Control (UIC) site. According to the information presented in the EDR report, the Site was identified under UST Registration Number 2053 and previously operated three registered USTs, which were removed from the Site in 2002. Additional information regarding the UST registration and leaks/releases associated with the former USTs is discussed in Section 5.1.2 and 5.1.3. Information pertaining to the Site's listing as a UIC site is discussed in Sections 5.3.

State LAST Sites

A property identified as "Boynton Oil" was listed in the Orphans section of the EDR report as a LAST site. Based on the information provided in the EDR Site Report (Appendix B), it is apparent that this listing refers to the northern adjoining Boynton Bulk Fuel Facility. The following MEDEP Spill Numbers were identified in connection with Boynton Bulk Fuel Facility: A-471-1990, A-615-2002, and A-352-2006. Details of the documented spills at the Boynton Bulk Fuel Facility are discussed in Sections 5.1.2, 5.1.3, and 5.3. Based on the available information, the Boynton Bulk Fuel Facility has the potential to have adversely impacted the environmental condition at the Site.

Three additional LAST Sites were identified by EDR within 0.5 miles of the Site. The Charles Boynton property, located at 11 Belmont Avenue, was associated with MEDEP Spill Number A-260-2003. According to the spill report, approximately 10 gallons of fuel oil was released onto the concrete basement floor of a residential building in 2003. Based on the available information, the Charles Boynton property is not anticipated to have impacted the Site. The remaining LAST sites are located at distances such that they are not anticipated to represent a threat to the environmental conditions at the Site.

State Registered AST Sites

The "Boynton Oil" property (referring to the northern adjoining Boynton Bulk Fuel Facility) was identified in the Orphans section of the EDR report as a registered AST site. Although the EDR Site Report for this property (included in Appendix B) does not specify the number or size of the registered ASTs, information obtained from MEDEP Spill Reports and previous private-party environmental reports indicate the Boynton Bulk Fuel Facility historically contained two 15,000-gallon ASTs and one 10,000-gallon AST. The ASTs were reportedly used for the storage of No. 2 fuel oil and kerosene. Additional information regarding the Boynton Bulk Fuel Facility is discussed in Sections 5.1.2, 5.1.3, and 5.3.

Two additional properties were identified as Registered AST sites within ¼-mile of the Site. These properties are located at distances such that they are not anticipated to represent a threat to the environmental conditions at the Site.

State LUST Sites

As previously discussed, the Site (Nickerson's Exxon) was identified as a LUST site. Additional information regarding this listing is included in Sections 5.1.2, 5.1.3, and 5.3.

The Maritime Farms property, located at 32 Belmont Avenue, was also identified on the LUST database. This listing is due to soil contamination identified during the replacement of three USTs at this property in 1994. The EDR report shows this property in close proximity to the Site; however, the MEDEP Spill Report (A-11-1994) indicates that this property is located nearly ½-mile to the east of the Site. Based on the location of this property and the MEDEP determination that no further action was necessary in response to Spill Number A-11-1994, the Maritime Farms property is not anticipated to represent a threat to the environmental condition at the Site.

Two additional properties were identified as LUST sites within ½-mile of the Site. These properties were determined to be at lower elevations than the Site and at distances such that they are not expected to represent a threat to the environmental condition at the Site.

State Registered UST Sites

As previously discussed, the Site (Nickerson's Exxon) was identified as a Registered UST site. Three USTs were registered in connection with the Site, under Facility Registration Number 2053. The USTs included one 6,000-gallon unleaded gasoline tank, one 4,000-gallon unleaded gasoline tank, and one 4,000-gallon premium unleaded gasoline tank. The USTs were installed at the Site in 1984 and subsequently removed in 2002. Information regarding leaks/releases associated with these USTs is further discussed in Sections 5.1.2, 5.1.3, and 5.3. Refer to Section 7.1 for information regarding previous generations of unregistered USTs at the Site.

The Dead River Convenience property, located at 22 Belmont Avenue, was also identified on the State Registered UST database. This property is located to the southeast of the Site, across Belmont Avenue. Prior to being developed as a gasoline station/convenience store, this property was operated as a bulk fuel storage facility (identified in the EDR report, orphans section, as an AST and LAST site). Because this property is perceived to be downgradient and likely hydraulically isolated from the Site by the unnamed stream, the Dead River property is not anticipated to have adversely impacted the environmental conditions at the Site.

State Institutional Control/Engineering Control Registries

Two State Institutional Control/Engineering Control Registry sites were identified by EDR. Based on the location of surface water bodies, these sites are expected to be hydraulically isolated from the Site.

State Voluntary Cleanup Sites

Two VRAP sites were identified by EDR within 0.5 miles of the Site. Both of these sites have received "No Further Action" status from the MEDEP and are not anticipated to represent a threat to the environmental condition at the Site.

Orphan Sites

EDR orphan site designation indicates insufficient address information for the Site to be plotted. With the exception of the orphan sites discussed above, the remaining sites identified in the orphans list appear to be located at positions considered to be hydraulically isolated/downgradient from the Site, or are beyond the applicable ASTM search parameters, and therefore, are not considered likely to have adversely impacted environmental conditions at the Site.

### 5.1.2 Maine Department of Environmental Protection Online Databases

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

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

The Site (Nickerson Exxon) was identified on the "Registered Underground Oil Storage Tanks" online database, "Hazardous and Oil Spill" database, and the "Oil Storage Tank Search & Operator Training" database. Additionally, the northern adjoining property (Boynton Oil Company) was identified on the "Hazardous and Oil Spill" database. The online databases did not identify any additional properties with known and/or suspected environmental contamination that are anticipated to adversely impact environmental conditions at the Site.

### 5.1.3 Maine Department of Environmental Protection File Review

Based on our review of the information provided by EDR and MEDEP online databases, Ransom conducted a MEDEP file review on April 4, 2012, for additional information pertinent to this Phase I ESA. Information compiled during the file review is summarized below. Copies of information provided during our MEDEP file review are included as Supplemental Documentation in Appendix E.

Site - Nickerson's Exxon, 25 Belmont Avenue (Route 3)

*Underground Storage Tank (Registration #2053)*

According to the MEDEP Bureau of Remediation and Waste Management (BRWM), the Site is identified as a Registered UST facility (UST Registration Number 2053). Based on information maintained by the MEDEP BRWM, three USTs containing regular gasoline was registered with the MEDEP at the Site. The following table describes the registered USTs. Refer to Section 7.1 for information regarding historic, unregistered USTs at the Site.

| Tank Size (gallons) | Tank Type | Contents | Date Installed | Date Removed | Status |
|---|---|---|---|---|---|
| 6,000 | Steel with cathodic protection | Regular Unleaded Gasoline | 9/1/1984 | 9/20/2002 | Removed |
| 4,000 | Steel with cathodic protection | Regular Unleaded Gasoline | 9/1/1984 | 9/20/2002 | Removed |
| 4,000 | Steel with cathodic protection | Premium Unleaded Gasoline | 9/1/1984 | 9/20/2002 | Removed |

*Hazardous and Oil Spill Number A-232-1998*

This Spill Report was issued in response to a site assessment conducted by Timson & Peters, Inc. in April 1998, which identified gasoline and diesel contamination in soils at the Site. The MEDEP Spill Report concluded that the on-site USTs were not actively leaking, and that diesel contamination may be attributable to releases from the neighboring Boynton Bulk Fuel Facility. A Baseline-2 cleanup standard was assigned by the MEDEP, and although one of the soil samples collected exceeded the cleanup standard, the MEDEP indicated no remediation was necessary. Additional information presented in the Timson & Peters, Inc. assessment report is discussed in Section 5.3 below.

*Hazardous and Oil Spill Number A-576-2002*

This Spill Report was issued in response to petroleum contamination that was identified at the Site at the time of the UST removal in 2002. The UST removal and site assessment activities were documented in a report prepared by Michael J. White, C.G., dated October 15, 2002. The MEDEP did not require soil removal or other remediation activities; however, the MEDEP informed the new property owner that any new building construction should avoid the construction of a full basement to reduce the potential for vapor intrusion issues. Additional information regarding the UST removal and site characterization is summarized in Section 5.3.

Northern Adjoining Property, Boynton Oil Company/Bulk Fuel Facility, Route 3

Several Hazardous and Oil spills were identified in connection with the northern adjoining former Boynton Oil Company/Bulk Fuel Facility. The following provides a summary of the associated MEDEP Spill Reports.

*Hazardous and Oil Spill Number A-471-1990*

This Spill Report documents a fuel release and response activities associated with an above-ground bulk fuel tank at the Boynton property. On September 18, 1990, an estimated 3,200 gallons of No. 2 fuel oil was released to the ground surface of the property, due to a corroded valve that broke off of the AST system. The ASTs were not equipped with secondary containment at the time. The fuel saturated the ground to the east of the ASTs and entered the wetland area bordering this property to the east. At the time that the MEDEP responded, a ¾-inch layer of petroleum product had spread across the entire water body. Sorbent booms were used to confine the petroleum product to a small area of the water body and a vacuum truck was used to recover free-phase product. A total of 2,340 gallons of product was reportedly recovered using the vacuum truck and sorbent pads. On September 26, 1990, 140 cubic yards of contaminated soil was excavated from the property and transported off-site for disposal. The MEDEP recommended that Boynton Oil develop a spill control plan and provide secondary containment for their bulk product tanks.

*Hazardous and Oil Spill Number A-615-2002*

In October 2002, MEDEP response personnel stopped by the Boynton Bulk Fuel Facility as they were passing through town. During the visit, the MEDEP responder noted that fuel was leaking from several of the valves associated with the AST system(s). The facility operator, Mr. John Boynton, was notified, and responded to the property to tighten the leaking valves. All of the leaking fuel product was contained within the secondary containment structure and was not anticipated to have impacted soil conditions.

*Hazardous and Oil Spill #A-352-2006*

A soil quality investigation of the Boynton Bulk Fuel Facility was performed by Acadia Environmental Technology (Acadia), at the request of the property owner, Mr. John Boynton. Evidence of petroleum contamination in soil prompted notification to the MEDEP, who issued Spill Number A-352-2006. The MEDEP responded and set a cleanup goal of 400 parts per million (ppm) in soil by field screening techniques. Although several areas were identified where contaminant concentrations in soil exceeded the cleanup goal, soil removal was not required by the MEDEP based on local topography and expected future land use. The MEDEP specified that contaminated soils would need to be removed if disturbed by future construction activities. Additional information regarding the Acadia soil quality investigation is discussed in Section 5.3.

Based on the proximity and upgradient location of the Boynton Bulk Fuel Facility to the Site, and considering the petroleum concentrations documented and left in place, the Boynton Bulk Fuel Facility has the potential to have adversely impacted the environmental condition at the Site.

## 5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

### 5.2.1 Belfast Assessor's Office

Information provided by the City of Belfast Assessor's Office included a current property card and tax map, as well as three historic property cards (assessments back to 1973). A photograph of the former Nickerson's Exxon building is included in the historic property cards (Appendix C). Information provided by the Assessor's Office regarding the Site history coincided with information discussed in Section 4.4 of this report. The property cards did not include information pertaining to underground or aboveground storage tanks, hazardous waste storage, and/or adverse environmental conditions at the Site.

### 5.2.2 Belfast Planning and Code Enforcement

Files reviewed at the City of Belfast Planning and Code Enforcement Department included a demolition permit for the former Nickerson's Exxon building, dated July 1, 2003. The permit indicated the wood debris was to be burned as fuel for "garage" (inferred automobile service station), and the scrap metal was to be taken to a transfer station. A copy of the 2002 "Underground Storage Tank Removal Site Assessment" was also on file at the Planning and Code Enforcement Department. Mr. Wayne Marshal, Belfast City Planner, provided historical aerial photographs, dated 1939 and 1957, which are included in Appendix E.

### 5.2.3 Belfast Fire Department

Ransom contacted Fire Chief James Richards at the City of Belfast Fire Department regarding environmental conditions at the Site. Chief Richards indicated that he has been Fire Chief in Belfast for the past 38 years. Chief Richards reported that the Fire Department does not maintain a file for the Site, and he had no personal knowledge of releases, emergency responses, or environmental conditions at the Site.

## 5.3 PREVIOUS INVESTIGATIONS/ASSESSMENTS

Ransom identified three previous environmental site assessment reports associated with the Site, and one previous site assessment associated with the neighboring Boynton Bulk Fuel Facility. The following presents a summary of the previous environmental assessment reports. Copies of the reports are included in Appendix C.

Duffield Associates, Inc., November 3, 1997; *Environmental Data Summary, Harland & Kay Nickerson Property, Belfast, Maine*.

A soil and groundwater investigation was performed by Duffield Associates Inc., apparently as part of a potential property transaction. Soil and groundwater samples were collected from several locations across the Site. The highest concentrations of petroleum constituents appear to have been detected in the area of the former fuel dispenser island. The investigation included an analysis of polychlorinated biphenyls (PCBs) and several metals associated with waste oil; however, it is not clear where on the Site these samples were collected. Duffield Associates Inc. concluded that contaminant removal may be required to protect human health and the environment. Please note that the Duffield Associates, Inc. report is included as an appendix in the Timson & Associates, Inc. report, further discussed below.

Timson & Associates, Inc., June 16, 1998; *Phase I & II Environmental Assessment, Nickerson's Exxon Station Property, Route 3, Belfast, Maine*.

In 1998, Timson & Associates, Inc. (Timson) conducted Phase I and Phase II environmental assessments at the Site as part of environmental due diligence for a potential property transaction. The report describes the Site as occupied by a single story wood-framed structure, including two vehicle repair bays, and office area, and a bathroom. The building was located on the central-western portion of the property. The USTs were located adjacent to the southeastern corner of the building and the fuel pump island was located further southeast, adjacent to Belmont Avenue (refer to site figures included in the Timson report, Appendix C). The site reconnaissance performed, at the time, identified a floor drain and a hydraulic hoist (car lift) in the garage bays of the site building. The floor drain (Underground Injection Control) was reportedly decommissioned/sealed when the building was connected to the municipal sewer system in the mid-1970s. Staining was observed in the area of the floor drain, as well as the hydraulic hoist. The historic septic system was reportedly located to the east of the building. Two 275-gallon ASTs were observed along the northern exterior of the wall. One contained fuel oil for heating the building, the other was observed to be empty. Refer to the Timson report (Appendix C) for additional details regarding the Site layout and conditions in 1998.

Based on the Phase I research, a Phase II investigation was conducted to document contaminant concentrations associated with gasoline, diesel, and metals. Soil samples were collected from 11 locations at the Site, field screened, and submitted for laboratory analysis of gasoline range organics (GRO), diesel range organics (DRO), and or RCRA metals. Elevated concentrations of GRO were identified in the area of the fuel dispensers. Timson concluded that gasoline contaminants observed in soils at the Site were related to former spills and/or overfills from the fuel dispensers, and diesel contaminants at the Site were most likely related to spills associated with the adjacent Boynton Bulk Fuel Facility. Timson recommended that miscellaneous containers of lubricating oils, used batteries, and other hazardous materials observed at the Site be properly disposed, and hydraulic fluids, associated with the hoist, be evaluated for PCBs.

Michael J. White, C.G., October 15, 2002; *Underground Storage Tank Removal Site Assessment, Nickerson's Exxon, 25 Belmont Avenue, Belfast, Maine.*

This report describes the assessment performed at the time the USTs were removed from the Site in 2002. Soil samples collected at the time of UST removal were field screened for the presence of volatile organic compounds. Concentrations, exceeding 10,000 ppm, were detected in soil samples collected from the area of the USTs, as well as the area of the fuel dispensers. Groundwater with a petroleum sheen was observed in the tank excavation at a depth of 9 feet bgs. The source of the contamination was presumed to be a combination of spills from a previous generation of USTs, as well as the USTs being removed. The MEDEP was notified of the contamination and issued Spill NumberA-576-2002. Based on the isolated locations of soil contamination exceeding 1,000 ppm by field screening methods, the MEDEP did not require remediation activities at the time of tank removal. However, the MEDEP indicated that remediation of contaminated soil and/or groundwater would be necessary, if future development of the site disturbed the contaminated areas.

Acadia Environmental Technology, April 7, 2006; *Soil Quality Investigation, Former Boynton Oil Facility, Belfast, Maine.*

This report describes a soil investigation conducted at the neighboring Boynton Bulk Fuel Facility. Six test pits were excavated across the property, and soils were field screened for detectable concentrations of VOCs. Total VOCs were detected in soil samples collected from this property at concentrations up to 879 ppm. The MEDEP was notified and assigned Spill Number A-352-2006, with a soil cleanup goal of 400 ppm for the site. An area extending from the fuel loading rack eastward, toward the neighboring wetland area, was identified as having contaminant concentrations exceeding the cleanup goal. However, the MEDEP did not require remediation at the time of the investigation, based on local topography and expected future land use. The MEDEP indicated that remediation may be required, if the contaminated soils were disturbed by future development of the property.

## 6.0 SITE RECONNAISSANCE

On April 4, 2012, Ransom conducted a reconnaissance of the Site. Mr. Thomas Kittredge, Economic Development Director for the City of Belfast, provided an explanation of the Site and facilities to be assessed. Site access was coordinated through United Reality of Maine, LLC. A photograph log is included in Appendix A.

### 6.1 METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance included observations of the property grounds for evidence of releases, or potential releases of oil and/or hazardous materials (OHM), or a material threat of releases of OHM. Weather conditions at the time of the reconnaissance were partly cloudy with temperatures around 50˚F.

### 6.2 GENERAL SITE SETTING AND OBSERVATIONS

The Site is located in a primarily highway-commercial area of Belfast. The Site currently exists as an unimproved lot with limited asphalt paving adjacent to Belmont Avenue. A concrete manhole structure, containing a sewage pump station, and associated generator and electrical cabinet, were observed adjacent to the southeastern portion of the Site. These features are owned and operated by the Belfast Sewer District. According to information provided by the City of Belfast, the sewage pump station and associated features are not located within the bounds of the Site property. Overhead electrical lines transect the Site from Belmont Avenue, connecting to a telephone pole in the center of the Site, and providing electricity to the neighboring vacant lot to the north (formerly Boynton Bulk Fuel Facility).

Two apparently abandoned vehicles, a horse trailer, and a golf cart were observed to have been stored to the east of the Site, adjacent to the unnamed stream. According to information provided by the City of Belfast, these items appear to be located on the adjacent property to the east of the Site, and are not located on the Site itself. The ownership of these items is unknown. No staining, odors, or sheens, indicative of an OHM release, was observed in connection with these items or on the surface water bodies to the east or northeast of the Site.

The adjoining vacant property to the north (former Boynton Bulk Fuel Plant, Tax Map 5, Lot 16C) was viewed during the Site visit. A concrete pad and containment area was observed on the south-central portion of this property. Remnants of wooden and sheet metal framing, presumably associated with the former ASTs, was observed within the containment area. No storage containers or evidence of petroleum product remained at this property. Soil and waste asphalt was observed to be stockpiled on the northern portion of this property. No staining or odors, indicative of an OHM release, was observed in connection with these soil and asphalt piles.

#### 6.2.1 Hazardous Substances and Petroleum Products

An electric generator unit was observed in connection with the sewage pump structure adjacent to the southeastern portion of the Site. The generator unit was mounted on a concrete pad, and presumed to be powered by diesel fuel. Diesel fuel is typically stored in a tank at the bottom of these types of units. No staining or leakage, indicative of an OHM release, was observed in connection with the generator.

No other hazardous substances or petroleum products were observed at the time of the Site visit.

### 6.2.2 Storage Tanks

Underground Storage Tanks (USTs)

No evidence of USTs (i.e., fill and vent pipes, tank pads) were observed at the Site during our reconnaissance. Refer to Sections 5.1.2, 5.1.3, 5.3, and 7.1 for descriptions of USTs formerly located and removed from the Site.

Aboveground Storage Tanks (ASTs)

No aboveground storage tanks (ASTs) were observed at the Site during our reconnaissance. As previously discussed, the nearby electrical generator associated with the sewage pump station is located on the adjacent parcel. Refer to Sections 5.1.2, 5.1.3, 5.3, and 7.1 for descriptions of ASTs formerly located at the Site and the northern adjoining Boynton Bulk Fuel Facility.

### 6.2.3 Odors

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

### 6.2.4 Pools of Liquid

Ransom did not observe areas of standing water and/or pools of liquid indicative of a release of OHM at the Site during our reconnaissance. As previously discussed, the Site is bordered to the east by a small unnamed stream, and a large wetland area is located to the northeast of the Site. No petroleum odors or sheens, indicative of an OHM release, were noted in connection with these surface water bodies.

### 6.2.5 Drums

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

### 6.2.6 Unidentified Substance Containers

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

### 6.2.7 Polychlorinated Biphenyls (PCBs)

Ransom did not identify electrical transformers, hydraulic equipment, or other typical potential sources of PCBs at the Site during our reconnaissance. An enclosed electrical cabinet was observed in association with the sewage pump structure adjacent to the southeastern portion of the Site. The cabinet was locked at the time of our reconnaissance; therefore, the contents of the cabinet are unknown. However, the electrical cabinet is not expected to contain electrical transformers, and no evidence of leakage or staining, indicative of an OHM release, was observed in connection with the electrical cabinet.

## 6.3 INTERIOR OBSERVATIONS

The Site was not developed with any buildings at the time of our reconnaissance. Therefore, interior observations do not apply. Refer to Section 5.3 and the Timson report (Appendix C) for a description of the former Nickerson Exxon filling station and automobile repair facility that was demolished at the Site in 2003.

## 6.4 EXTERIOR OBSERVATIONS

### 6.4.1 Pits, Ponds or Lagoons

Ransom did not observe evidence of pits, ponds or lagoons at the Site during our reconnaissance.

### 6.4.2 Stained Soil or Pavement

Neither stained soil nor stained pavement, with the exception of *de minimis* staining from parked cars in the vehicle storage area adjacent to the eastern portion of the Site, was observed during our reconnaissance.

### 6.4.3 Stressed Vegetation

The majority of the Site was observed to be un-vegetated soil. Considering the season, the presence/condition of vegetation could not be used to determine potential areas of hazardous materials releases.

### 6.4.4 Solid Waste

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

### 6.4.5 Waste Water

Waste water is not currently generated at the Site. The Site was reportedly connected to the municipal sewer system in the mid-1970s. Prior to that time, waste water at the Site was processed through a private septic system.

### 6.4.6 Wells

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

### 6.4.7 Drains

No drains were observed on the Site property. Storm water is expected to drain by sheet flow across the Site to the unnamed stream on the eastern border of the Site.

### 6.4.8 Other

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

## 7.0 INTERVIEWS

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

### 7.1 PAST AND PRESENT SITE OWNERS

On April 4, 2012, Ransom interviewed Mr. Harlan Nickerson, former owner and operator of Nickerson's Exxon (Site property). The interview took place at Mr. Nickerson's private residence, which is the abutting property to the east of the Site. Mr. Nickerson was in poor health at the time of the interview, therefore, Mr. Nickerson's daughter, Julie Gray, participated in the interview. Ms. Gray had also been an employee at the former Nickerson's Exxon station.

Mr. Nickerson stated that the former filling station had been built by his father-in-law in 1956, and he started working there soon after. Mr. Nickerson confirmed that the building included two vehicle bays used for automotive repair, and an office space. Mr. Nickerson reported that the station originally contained three (3) USTs, all of which were used for the storage of gasoline. Mr. Nickerson estimated the original USTs to be 2,000, 3,000, and 4,000-gallons in size. The original USTs were replaced by the three registered USTs (one 6,000-gallon gasoline UST and two 4,000-gallon gasoline USTs) in 1984. The original USTs were reportedly located in the same location as the registered USTs. Mr. Nickerson stated that petroleum contamination was observed at the time of the 1984 UST removals. The observed contamination was determined not to represent a threat to human health or the environment, and was backfilled and/or left in place.

Mr. Nickerson also stated that the filling station had never stored or dispensed diesel. Waste oil generated during automotive service was reportedly stored in a 275-gallon AST, located on the north side of the former building, and was periodically transported for off-site disposal by "Maine Oil" (local contractor). Mr. Nickerson reported that used automotive batteries and other hazardous automotive fluids were also picked up on a periodic basis by contractors for off-site disposal. Mr. Nickerson confirmed that the floor drain, formerly located in the vehicle bays, was plugged in the mid-1970s, when the building was connected to municipal sewer.

In an effort to obtain additional information for the adjacent Boynton Bulk Fuel Facility, as well as additional information regarding the Site, Ransom attempted to contact Mr. John Boynton, operator of the former Boynton Bulk Fuel Facility, and brother-in-law to Harlan Nickerson. Mr. John Boynton could not be reached; however, Ransom interviewed John Boynton's son, Mr. Dana Boynton, who had considerable knowledge of the former Boynton Bulk Fuel Facility, as well as Nickerson's Exxon.

Mr. Dana Boynton indicated that the bulk fuel facility was operated on the northern abutting property to the Site, from the mid-1950s until 2004. Bulk fuel tanks were originally located on a concrete pad with no containment. Following the fuel oil release in 1990 (see Sections 5.1.2 and 5.1.3), 3-foot high walls were added to the concrete pad to provide secondary containment. In regards to the stockpiled material observed on the former Boynton Bulk Fuel Facility property during Ransom's site visit, Mr. Boynton reported that the material was excess material generated during construction of the nearby Reny's Retail Store parking lot. The material was not anticipated to contain OHM. In regards to the former Nickerson's Exxon, Mr. Boynton indicated that the MEDEP had responded to the 1984 UST replacement, and this was the family's first dealings with the MEDEP. Therefore, it is assumed that the MEDEP was aware of the contamination observed at the time, and made the determination that remediation activities

were not necessary at that time. In addition, Mr. Boynton reported that the former Nickerson's Exxon facility was equipped with only one hydraulic automotive hoist, and the hoist was removed from the ground at the time of facility closure.

### 7.2 SITE MANAGER

Mr. Harlan Nickerson was identified as the manager of the former Nickerson's Exxon, and provided the information discussed above.

### 7.3 SITE OCCUPANTS

The Site is currently unoccupied. Information obtained from previous Site occupants is discussed above.

### 7.4 LOCAL GOVERNMENT OFFICIALS

On April 4, 2012, Ransom conducted informal interviews with various municipal officials with the City of Belfast, regarding their knowledge of the Site. Ransom also interviewed Chief James Richards of the Belfast Fire Department for any special knowledge of environmental conditions at the Site, as described above. Information provided by the interviewees is included throughout the pertinent sections of this report.

## 8.0 SUMMARY OF KEY FINDINGS

Ransom has completed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 and AAI (40 CFR Part 312) for the property located at 29 Belmont Avenue in the City of Belfast, Waldo County, Maine.

The Site was originally developed in 1956 as a gasoline filling station and automobile repair facility. The filling station and auto repair facility operated until the Site was vacated in 1998. The former Site building was located on the northwestern portion of the Site, and included two vehicle bays used for automobile repair. Previous environmental reports reviewed during this assessment identified a hydraulic automobile hoist and a floor drain in the vehicle bays of the former Site building. The floor drain was reportedly plugged when the Site transitioned from a private, on-site septic system to the municipal sewer system in the mid-1970s.

According to previous property owners interviewed during this assessment, the Site was originally developed with one 2,000-gallon, one 3,000-gallon, and one 4,000-gallon underground storage tank (UST) installed in 1956, which were used for the storage of gasoline. The USTs were located to the southeast of the former Site building. The original USTs were replaced in 1984 with three registered USTs (Facility Registration Number 2053), which were also used for the storage of gasoline. The registered USTs were reportedly installed in the same area as the original generation of USTs and consisted of one 6,000-gallon UST and two 4,000-gallon USTs. Reportedly, the Site was never use to store or dispense diesel fuel. Waste oil generated during automotive repair activities was reportedly stored in an above ground storage tank (AST) on the northern side of the former building, and was periodically collected for off-site disposal. The former filling station ceased operation in 1998, the gasoline USTs were removed in 2002, and the former building was demolished in 2003.

The 1984 UST replacement activities were reportedly overseen by the MEDEP. During UST replacement activities, petroleum contamination was reportedly observed at the time, and was backfilled and/or left in place. No additional information regarding the condition of the USTs or soil/groundwater impacts was available regarding the 1984 UST replacement. MEDEP Spill Numbers A-232-1998 and A-576-2002 were also identified in connection with the Site. Spill Number A-232-1998 was issued in response to a subsurface investigation conducted at the time the Site was vacated in 1998, which identified elevated concentrations of gasoline and diesel-range organics in Site soils. The MEDEP did not require remediation activities at that time. Spill Number A-576-2002 was issued in response to petroleum contamination detected at the time of the 2002 UST removal. The observed contamination was attributed to a combination of releases from the original USTs and replacement USTs, as well as releases from a neighboring bulk fuel facility. Site remediation of the identified impacted soils was also not required by the MEDEP at that time.

The adjacent property to the north of the Site was operated as a bulk fuel storage facility from the mid-1950s until 2004. A release of approximately 3,200 gallons of fuel oil occurred at this facility in 1990. The release impacted soil conditions at the bulk fuel facility, as well as surface water bodies located adjacent to the Site. Based on the proximity and upgradient location of this property, as well as analytical results from previous subsurface investigations at the Site, the former bulk fuel storage facility has the potential to have adversely impacted the environmental conditions at the Site.

## 9.0 DATA GAPS

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

## 10.0 CONCLUSIONS AND OPINIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-05 and USEPA AAI (40 CFR Part 312), of the Site identified by the City of Belfast Assessor's Office as Tax Map 5, Lot 16B, which corresponds to 29 Belmont Avenue, City of Belfast, Waldo County, Maine. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of *recognized environmental conditions* (RECs) in connection with the Site, except for the following:

1. Documented soil and groundwater contamination resulting from historic petroleum storage and releases at the Site and the neighboring bulk fuel facility. During UST replacement and removal operations, contamination in excess of historic cleanup guidelines was reportedly backfilled and/or left in place at the Site, as well as at the upgradient bulk fuel facility. Petroleum contaminants likely remaining at the Site and neighboring bulk fuel facility have the potential to represent an environmental risk to human health and the environment, depending on future Site use and/or redevelopment.

2. Historic automotive repair activities and the historic on-site septic system have the potential to have impacted the environmental conditions at the Site with waste petroleum products, parts cleaners, degreasers, and other automotive fluids. These contaminants may also represent a risk to human health and/or the environment, depending on future Site use and/or redevelopment.

Therefore, we have revealed conditions indicative of a release(s) or threatened release(s) of oil and/or hazardous material substances on the Subject Property and additional investigation is recommended to address the identified recognized environmental conditions at the Subject Property (please refer to the following section for our recommendations).

Based on the findings of this assessment, it is Ransom's opinion that additional investigation is warranted to address the above-stated RECs, document current Site conditions in relation to current regulatory clean up guidelines, and evaluate the suitability of the Site property for the proposed redevelopment use. Our recommendations for additional assessment and/or investigations are presented in the following section.

## 11.0 RECOMMENDATIONS

Based on the information obtained during this assessment, Ransom recommends that a Site-Specific Quality Assurance Project Plan be developed and a Phase II ESA be implemented to evaluate current soil, groundwater, and soil vapor conditions at the Site. Findings from the additional investigation(s) should be used to evaluate potential health and environmental risks associated with redevelopment of the Site property and identify whether remediation or mitigation measures are necessary to eliminate these potential health and environmental risks.

## 12.0 ADDITIONAL SERVICES AND NON-SCOPE CONSIDERATIONS

### 12.1 ADDITIONAL SERVICES

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

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

## 13.0 REFERENCES


1. City of Belfast Municipal Offices
   Ransom File Review: April 4, 2012.

2. Ransom Interviews:
   Harland Nickerson, Julie Gray, April 4, 2012.
   Dana Boynton, April 6, 2012.

3. Duffield Associates, Inc., November 3, 1997; Environmental Data Summary, Harland & Kay Nickerson Property, Belfast, Maine.

4. Timson & Associates Inc. Environmental Services; June 16, 1998; Phase I & II Environmental Site Assessment, Nickerson's Exxon Station Property, Route 3, Belfast, Maine.

5. Michael J. White, C.G., October 15, 2002; Underground Storage Tank Removal Site Assessment, Nickerson's Exxon, 25 Belmont Avenue, Belfast, Maine.

6. Acadia Environmental Technology, April 7, 2006; Soil Quality Investigation, Former Boynton Oil Facility, Belfast, Maine.

7. Environmental Data Resources (EDR) Radius Map Report, April 3, 2012.

8. EDR Historical Topographic Map Report, April 3, 2012.

9. EDR Aerial Photo Decade Package, April 3, 2012.

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

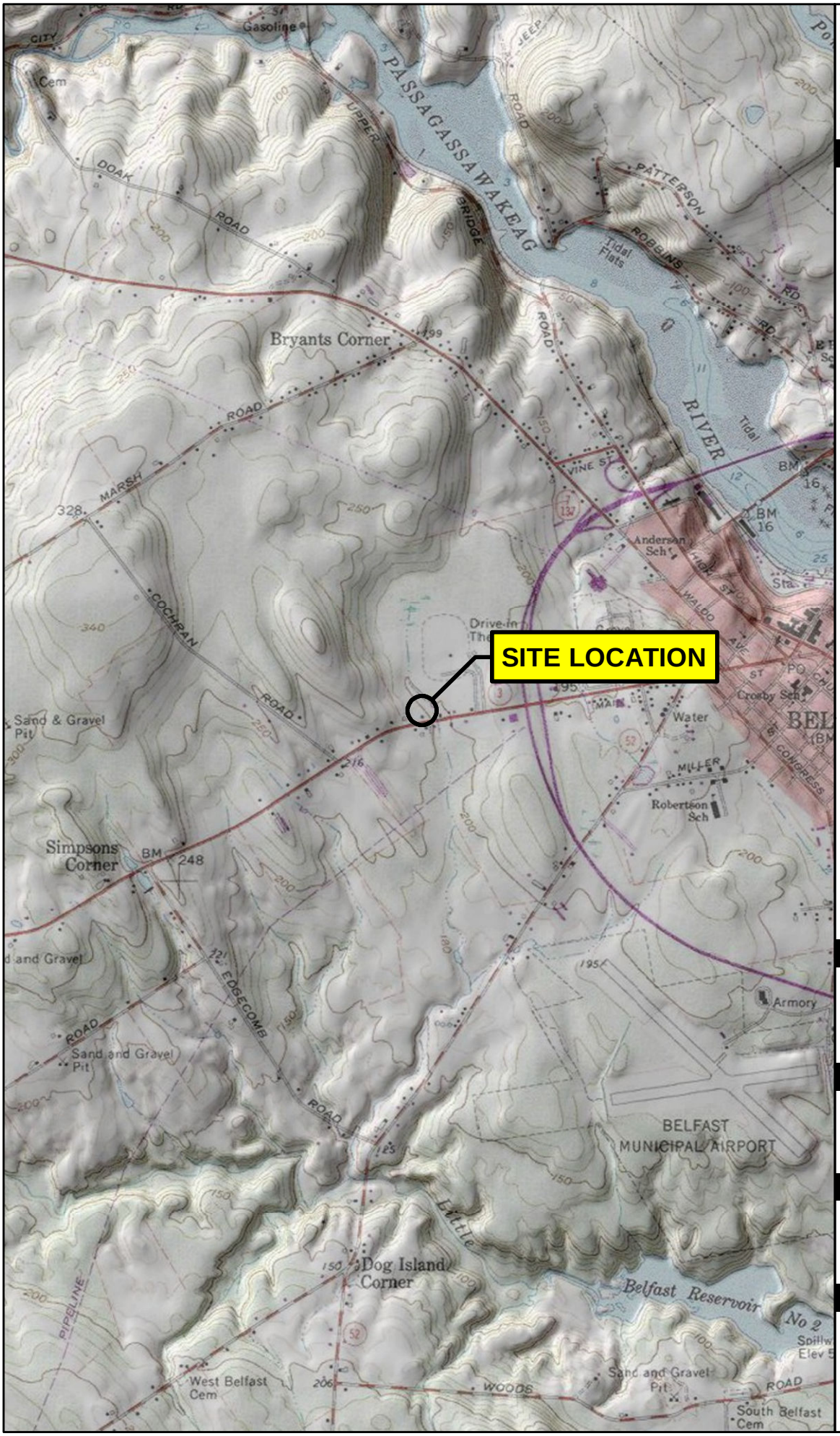
Environmental Professional

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

Eriksen P. Phenix, C.G.
Project Geologist

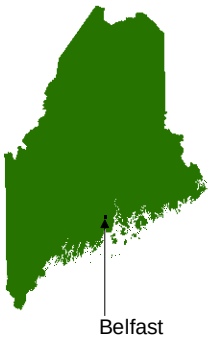
Peter J. Sherr, P.E.
Senior Project Manager/Belfast Brownfields Program Manager

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




RANSOM
Consulting Engineers and Scientists

## Regional Locator Map




Notes

1. Data Source: USGS, National Geographic Society, i-cubed
2. USGS Quad Name: Belfast
3. Latitude: 44° 25' 23.36" N
   Longitude: 69° 1' 39.26" W
   UTM Northing:4918873.91 mN
   UTM Easting: 497805.19 mE

## Scale and Orientation

0 1,000 2,000

1 inch = 2,000 feet

## Prepared For

City of Belfast
131 Church Street
Belfast, Maine

## Site Address

Former Exxon Station
29 Belmont Avenue
Belfast, Maine

111.06134 | Apr 2012

# Figure 1

Site Location

G:\Data\ME\Project\111_06134\Maps\MXD\Figure_1.mxd

RANSOM Consulting Engineers and Scientists

## Legend

- Site Boundary
- GEN — Electric Generator
- PS — Sewer Pump Station

Notes

1. Site Plan based on Bing Orthophotography
2. Some features are approximate in location and scale
3. Property boundary taken from Tax Map provided by City of Belfast. Property boundaries are approximate. A boundary survey was not included in the scope of work for this assessment.
4. This plan has been prepared for the City of Belfast, maine. All other uses are not authorized unless written permission is obtained from Ransom Consulting, Inc.

## Scale and Orientation

0 20 40

1 inch = 40 feet

## Prepared For

City of Belfast
131 Church Street
Belfast, Maine

## Site Address

29 Belmont Avenue
(Former Exxon Station)
Belfast, Maine

111.06134 | Apr 2012

# Figure 2

Site Plan

G:\Data\ME\Project\111_06134\Maps\MXD\Figure_2.mxd

**APPENDIX A**

Photograph Log

Phase I Environmental Site Assessment
29 Belmont Avenue (Former Exxon Station)
Belfast, Maine

**Photograph Log**

**Site looking northwest**

**Sewage pump station, generator, and electrical cabinet, adjacent to southeastern portion of Site**

**Abandoned cars and trailers, adjacent to eastern portion of Site**

**Wetland area northeast of Site**

**Neighboring Boynton Oil property, bulk fuel containment stucture**

**Stockpiles of fill material on neighboring Boynton Oil property**

**APPENDIX B**

The EDR Radius Map™ Report with GeoCheck®
& EDR-City Directory Abstract

Phase I Environmental Site Assessment
29 Belmont Avenue (Former Exxon Station)
Belfast, Maine

**Former Exxon**
29 Belmont Avenue
Belfast, ME  04915

Inquiry Number: 3288897.2s
March 26, 2012

# The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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**GEOCHECK ADDENDUM**

| | |
|---|---|
| Physical Setting Source Addendum | A-1 |
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***Thank you for your business.***
Please contact EDR at 1-800-352-0050
with any questions or comments.


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# EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

## TARGET PROPERTY INFORMATION

### ADDRESS

29 BELMONT AVENUE
BELFAST, ME 04915

### COORDINATES

| | |
|---|---|
| Latitude (North): | 44.4230000 - 44° 25' 22.80'' |
| Longitude (West): | 69.0274000 - 69° 1' 38.64'' |
| Universal Tranverse Mercator: | Zone 19 |
| UTM X (Meters): | 497818.8 |
| UTM Y (Meters): | 4918640.0 |
| Elevation: | 199 ft. above sea level |

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|---|---|
| Target Property Map: | 44069-D1 BELFAST, ME |
| Most Recent Revision: | 1979 |

### AERIAL PHOTOGRAPHY IN THIS REPORT

| | |
|---|---|
| Photo Year: | 2009 |
| Source: | USDA |

## TARGET PROPERTY SEARCH RESULTS

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

## DATABASES WITH NO MAPPED SITES

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

## STANDARD ENVIRONMENTAL RECORDS

### *Federal NPL site list*

NPL---------- National Priority List

# EXECUTIVE SUMMARY

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

***Federal Delisted NPL site list***

Delisted NPL ---------- National Priority List Deletions

***Federal CERCLIS list***

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

***Federal CERCLIS NFRAP site List***

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

***Federal RCRA CORRACTS facilities list***

CORRACTS ---------- Corrective Action Report

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

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

***Federal RCRA generators list***

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

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

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

***Federal ERNS list***

ERNS ---------- Emergency Response Notification System

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

SHWS ---------- Remediation Sites List

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

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

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

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

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

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

FEMA UST ---------- Underground Storage Tank Listing

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

INDIAN VCP ---------- Voluntary Cleanup Priority Listing

***State and tribal Brownfields sites***

BROWNFIELDS ---------- Remediation Sites List

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

US BROWNFIELDS ---------- A Listing of Brownfields Sites

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

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

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

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

***Local Land Records***

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

***Records of Emergency Release Reports***

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

***Other Ascertainable Records***

DOT OPS ---------- Incident and Accident Data
DOD ---------- Department of Defense Sites
FUDS ---------- Formerly Used Defense Sites
CONSENT ---------- Superfund (CERCLA) Consent Decrees
ROD ---------- Records Of Decision
UMTRA ---------- Uranium Mill Tailings Sites
MINES ---------- Mines Master Index File
TRIS ---------- Toxic Chemical Release Inventory System
TSCA ---------- Toxic Substances Control Act
FTTS ---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ---------- FIFRA/TSCA Tracking System Administrative Case Listing

SSTS Section 7 Tracking Systems
ICIS Integrated Compliance Information System
PADS PCB Activity Database System
MLTS Material Licensing Tracking System
RADINFO Radiation Information Database
FINDS Facility Index System/Facility Registry System
RAATS RCRA Administrative Action Tracking System
NPDES Wastewater Facilities Listing
UIC Underground Injection Control
DRYCLEANERS Drycleaner Facilities
AIRS Emissions Inventory Data
TIER 2 Tier 2 Information Listing
INDIAN RESERV Indian Reservations
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
COAL ASH DOE Sleam-Electric Plan Operation Data
PCB TRANSFORMER PCB Transformer Registration Database

**EDR PROPRIETARY RECORDS**

***EDR Proprietary Records***

Manufactured Gas Plants EDR Proprietary Manufactured Gas Plants

**SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

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

**STANDARD ENVIRONMENTAL RECORDS**

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

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Protection's Hazardous Material and Oil Spill System Database (H.O.S.S.).

A review of the LUST list, as provided by EDR, and dated 02/04/2012 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| MARITIME FARMS | 32 BELMONT AVENUE | WSW 0 - 1/8 (0.023 mi.) | A2 | 8 |
| **Lower Elevation** | **Address** | **Direction / Distance** | **Map ID** | **Page** |
| ***NICKERSONS EXXON*** | ***25 BELMONT AVE*** | ***E 0 - 1/8 (0.029 mi.)*** | ***3*** | ***15*** |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***C N BROWN STORE #1039*** | ***268 MAIN STREET*** | ***E 1/4 - 1/2 (0.406 mi.)*** | ***10*** | ***40*** |
| MARITIME FARMS | 262 MAIN STREET | E 1/4 - 1/2 (0.435 mi.) | 11 | 53 |

LAST: A listing of leaking aboveground storage tanks.

A review of the LAST list, as provided by EDR, and dated 02/04/2012 has revealed that there are 3 LAST sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| CHARLES BOYNTON | 11 BELMONT AVE | E 1/8 - 1/4 (0.169 mi.) | 5 | 21 |
| TEXACO, XPRESS LUBE | 35 STARRET DR. | E 1/4 - 1/2 (0.390 mi.) | 9 | 37 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***C N BROWN STORE #1039*** | ***268 MAIN STREET*** | ***E 1/4 - 1/2 (0.406 mi.)*** | ***10*** | ***40*** |

***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 02/01/2012 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| DEAD RIVER CONVENIENCE | 22 BELMONT AVE | E 0 - 1/8 (0.074 mi.) | 4 | 20 |

| Lower Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***NICKERSONS EXXON*** | ***25 BELMONT AVE*** | ***E 0 - 1/8 (0.029 mi.)*** | ***3*** | ***15*** |

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Protection's Aboveground Storage Tank Database.

A review of the AST list, as provided by EDR, and dated 12/31/2010 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***DUTCH CHEVROLET BUICK PONTIAC*** | ***6 BELMONT AVE*** | ***E 1/8 - 1/4 (0.234 mi.)*** | ***B6*** | ***24*** |
| ***R. H. RENY, INC.*** | ***1 BELMONT AVENUE*** | ***E 1/8 - 1/4 (0.247 mi.)*** | ***B7*** | ***29*** |

# EXECUTIVE SUMMARY

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

INST CONTROL: Sites with Land Use Restrictions in place.

A review of the INST CONTROL list, as provided by EDR, and dated 01/19/2012 has revealed that there are 2 INST CONTROL sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BELFAST RITE AID*** | ***MAIN STREET/ROUTE 3*** | ***E 1/4 - 1/2 (0.473 mi.)*** | ***12*** | ***55*** |
| ***TOURMALINE PROPERTY*** | ***BELMONT AVENUE*** | ***WSW 1/4 - 1/2 (0.479 mi.)*** | ***13*** | ***56*** |

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

VCP: A list of sites where the necessary investigation and/or remedation activities have been completed to the Department's satisfaction and the applicants to the VRAP have been issued final certification documents. The list does not include those sites that are currently participating in the VRAP but have not yet received certification.

A review of the VCP list, as provided by EDR, and dated 01/19/2012 has revealed that there are 2 VCP sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BELFAST RITE AID*** | ***MAIN STREET/ROUTE 3*** | ***E 1/4 - 1/2 (0.473 mi.)*** | ***12*** | ***55*** |
| ***TOURMALINE PROPERTY*** | ***BELMONT AVENUE*** | ***WSW 1/4 - 1/2 (0.479 mi.)*** | ***13*** | ***56*** |

**ADDITIONAL ENVIRONMENTAL RECORDS**

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

ALLSITES: 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.

A review of the ALLSITES list, as provided by EDR, and dated 01/19/2012 has revealed that there are 2 ALLSITES sites within approximately 0.5 miles of the target property.

| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| ***BELFAST RITE AID*** | ***MAIN STREET/ROUTE 3*** | ***E 1/4 - 1/2 (0.473 mi.)*** | ***12*** | ***55*** |
| ***TOURMALINE PROPERTY*** | ***BELMONT AVENUE*** | ***WSW 1/4 - 1/2 (0.479 mi.)*** | ***13*** | ***56*** |

***Other Ascertainable Records***

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA)

of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 11/10/2011 has revealed that there are 2 RCRA-NonGen sites within approximately 0.25 miles of the target property.

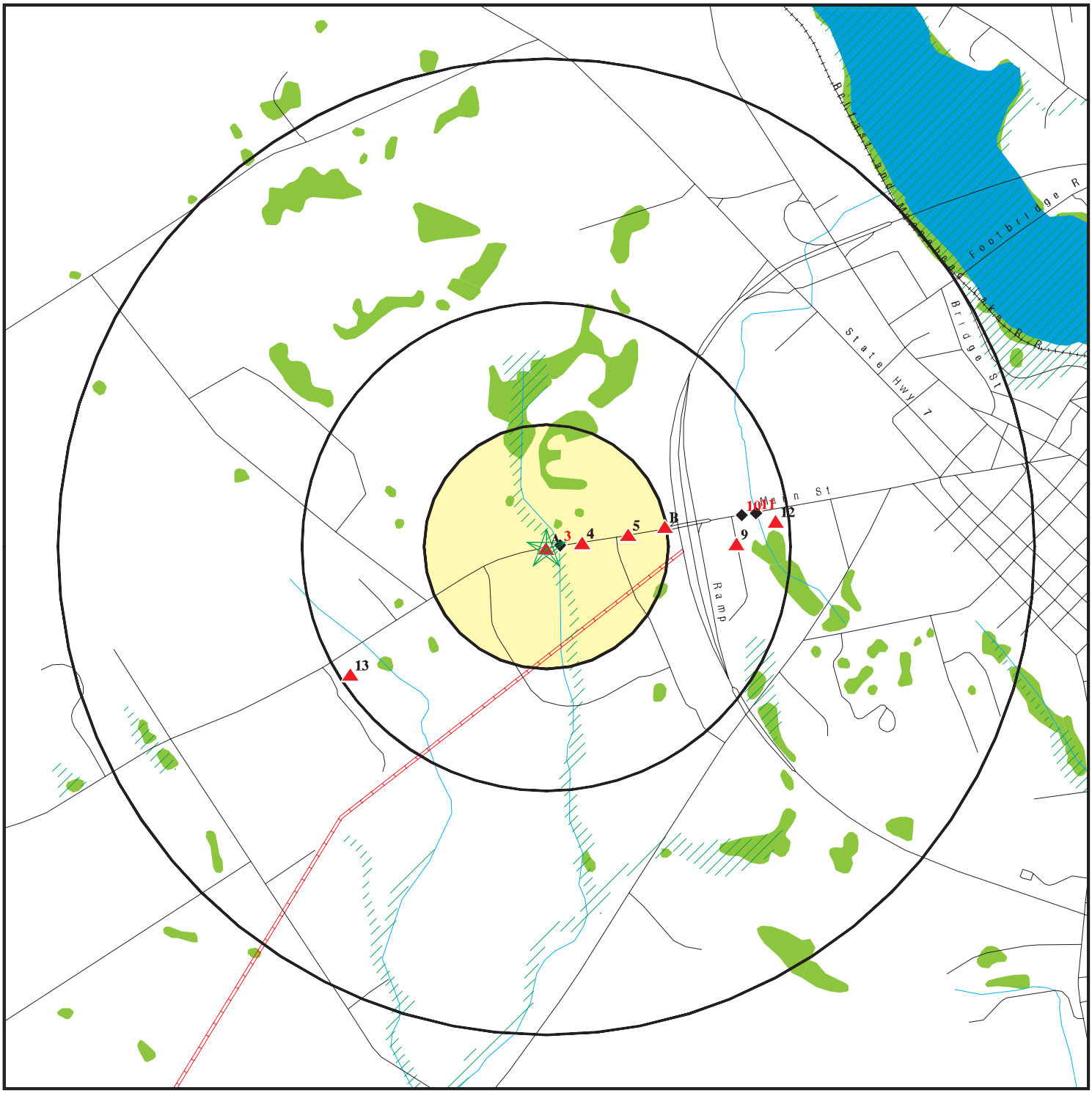
| Equal/Higher Elevation | Address | Direction / Distance | Map ID | Page |
|---|---|---|---|---|
| EBS BUILDING SUPPLIES | 30 BELMONT AVE | S 0 - 1/8 (0.004 mi.) | A1 | 7 |
| R.H. RENY | 1D BELMONT AVE | E 1/8 - 1/4 (0.247 mi.) | B8 | 36 |

# EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 35 records.

| Site Name | Database(s) |
|---|---|
| NICKERSONS EXXON | UIC |
| ME ARMY NATIONAL GUARD | LAST, SPILLS |
| BOYNTON OIL | LAST |
| DEAD RIVER CO. | LAST |
| STATE SAND AND GRAVEL | LAST |
| BOGEUN, RED | LAST |
| C N BROWN; BELFAST HEATING OIL OFF | LAST |
| C.N. BROWN | LAST |
| HALL HARDWARE | LAST |
| BELFAST ARMORY | LAST |
| BELFAST LANDFILL | SWF/LF |
| BIG APPLE BELFAST | LUST |
| BELFAST BIG APPLE | LUST |
| C.N. BROWN / BIG APPLE | LUST |
| NICKERSON'S EXXON | LUST |
| (FORMER) MULLENS COUNTRY STORE | LUST |
| BOWEN, MIKE AND WENDY/BOWEN STORE | LUST |
| BELFAST TEXACO - WEBBER OIL CO. | LUST |
| BELFAST TEXACO; WEBBER OIL CO. | LUST |
| MARITIME ENERGY | LUST |
| SAMPSON SUPERMARKET BELFAST PLAZA | LUST |
| ELDON & ANNA ORCHARD | UST |
| BELFAST MOTOR INN | UST |
| 7 ELEVEN 32550 | UST |
| FEDERAL COMMUNICATIONS COMM | UST |
| BROWN, DOUGLAS G | UST |
| MARITIME FARMS 51 | UST, AST |
| COMMUNITY FUELS INC TANK FARM | AST |
| MILITARY BUREAU BELFAST | AST |
| RENY'S BELFAST | AST |
| DR DEAD RIVER BELFAST | AST |
| CNB 3048 BELFAST HEATING OIL | AST |
| BOYNTON OIL INC | AST |
| BANK OF AMERICA BELFAST | AST |
| CHRISTYS 32550 | RCRA-SQG, FINDS |

# OVERVIEW MAP - 3288897.2s




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

0 1/4 1/2 1 Miles

N

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: Former Exxon | CLIENT: Ransom Env. Consultants, Inc. |
| ADDRESS: 29 Belmont Avenue<br>Belfast ME 04915 | CONTACT: Erik Phenix |
| LAT/LONG: 44.423 / 69.0274 | INQUIRY #: 3288897.2s<br>DATE: March 26, 2012 11:46 am |

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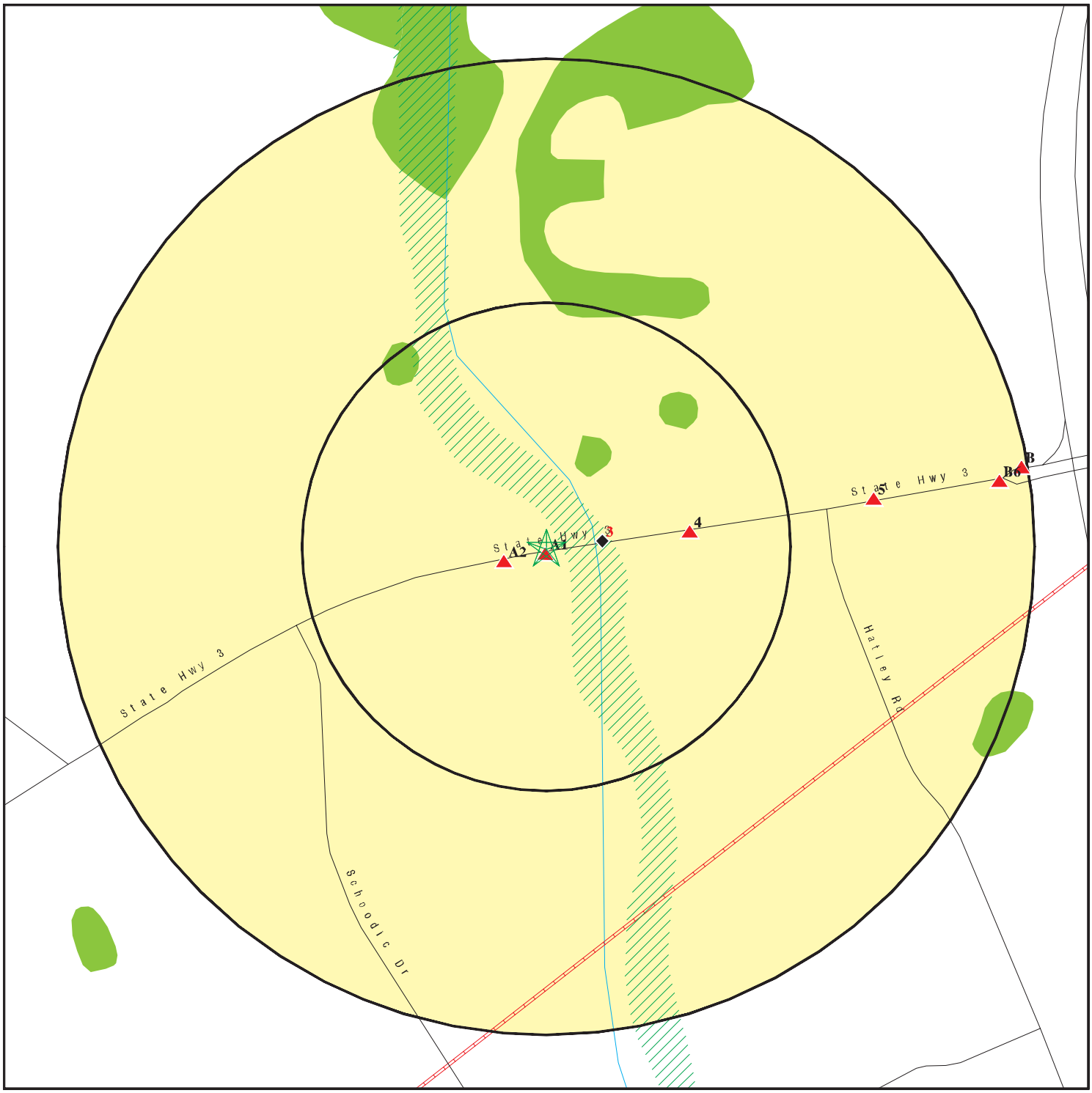
# DETAIL MAP - 3288897.2s




- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

0 1/16 1/8 1/4 Miles

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

| | |
|---|---|
| SITE NAME: Former Exxon | CLIENT: Ransom Env. Consultants, Inc. |
| ADDRESS: 29 Belmont Avenue<br>Belfast ME 04915 | CONTACT: Erik Phenix |
| LAT/LONG: 44.423 / 69.0274 | INQUIRY #: 3288897.2s<br>DATE: March 26, 2012 11:46 am |

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# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| **STANDARD ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Federal NPL site list*** | | | | | | | | |
| 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 |
| ***Federal Delisted NPL site list*** | | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Federal CERCLIS list*** | | | | | | | | |
| CERCLIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| FEDERAL FACILITY | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Federal CERCLIS NFRAP site List*** | | | | | | | | |
| CERC-NFRAP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal RCRA CORRACTS facilities list*** | | | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***Federal RCRA non-CORRACTS TSD facilities list*** | | | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal RCRA generators list*** | | | | | | | | |
| 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 |
| ***Federal institutional controls / engineering controls registries*** | | | | | | | | |
| US ENG CONTROLS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US INST CONTROL | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Federal ERNS list*** | | | | | | | | |
| ERNS | TP | | NR | NR | NR | NR | NR | 0 |
| ***State- and tribal - equivalent CERCLIS*** | | | | | | | | |
| SHWS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ***State and tribal landfill and/or solid waste disposal site lists*** | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***State and tribal leaking storage tank lists*** | | | | | | | | |
| LUST | 0.500 | | 2 | 0 | 2 | NR | NR | 4 |
| LAST | 0.500 | | 0 | 1 | 2 | NR | NR | 3 |
| INDIAN LUST | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***State and tribal registered storage tank lists*** | | | | | | | | |
| UST | 0.250 | | 2 | 0 | NR | NR | NR | 2 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| AST | 0.250 | | 0 | 2 | NR | NR | NR | 2 |
| INDIAN UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| FEMA UST | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| ***State and tribal institutional control / engineering control registries*** | | | | | | | | |
| INST CONTROL | 0.500 | | 0 | 0 | 2 | NR | NR | 2 |
| ***State and tribal voluntary cleanup sites*** | | | | | | | | |
| VCP | 0.500 | | 0 | 0 | 2 | NR | NR | 2 |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***State and tribal Brownfields sites*** | | | | | | | | |
| BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| **ADDITIONAL ENVIRONMENTAL RECORDS** | | | | | | | | |
| ***Local Brownfield lists*** | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Landfill / Solid Waste Disposal Sites*** | | | | | | | | |
| ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| DEBRIS REGION 9 | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| SWRCY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| INDIAN ODI | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ***Local Lists of Hazardous waste / Contaminated Sites*** | | | | | | | | |
| US CDL | TP | | NR | NR | NR | NR | NR | 0 |
| ALLSITES | 0.500 | | 0 | 0 | 2 | NR | NR | 2 |
| DEL SHWS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| US HIST CDL | TP | | NR | NR | NR | NR | NR | 0 |
| ***Local Land Records*** | | | | | | | | |
| LIENS 2 | TP | | NR | NR | NR | NR | NR | 0 |
| LUCIS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| LIENS | TP | | NR | NR | NR | NR | NR | 0 |
| ***Records of Emergency Release Reports*** | | | | | | | | |
| HMIRS | TP | | NR | NR | NR | NR | NR | 0 |
| SPILLS | TP | | NR | NR | NR | NR | NR | 0 |
| ***Other Ascertainable Records*** | | | | | | | | |
| RCRA-NonGen | 0.250 | | 1 | 1 | NR | NR | NR | 2 |
| DOT OPS | TP | | NR | NR | NR | NR | NR | 0 |
| DOD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| FUDS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| CONSENT | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| ROD | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |

# MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---|---|---|---|---|---|---|---|---|
| UMTRA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| MINES | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| TRIS | TP | | NR | NR | NR | NR | NR | 0 |
| TSCA | TP | | NR | NR | NR | NR | NR | 0 |
| FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| HIST FTTS | TP | | NR | NR | NR | NR | NR | 0 |
| SSTS | TP | | NR | NR | NR | NR | NR | 0 |
| ICIS | TP | | NR | NR | NR | NR | NR | 0 |
| PADS | TP | | NR | NR | NR | NR | NR | 0 |
| MLTS | TP | | NR | NR | NR | NR | NR | 0 |
| RADINFO | TP | | NR | NR | NR | NR | NR | 0 |
| FINDS | TP | | NR | NR | NR | NR | NR | 0 |
| RAATS | TP | | NR | NR | NR | NR | NR | 0 |
| NPDES | TP | | NR | NR | NR | NR | NR | 0 |
| UIC | TP | | NR | NR | NR | NR | NR | 0 |
| DRYCLEANERS | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| AIRS | TP | | NR | NR | NR | NR | NR | 0 |
| TIER 2 | TP | | NR | NR | NR | NR | NR | 0 |
| INDIAN RESERV | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| SCRD DRYCLEANERS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| COAL ASH EPA | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| COAL ASH DOE | TP | | NR | NR | NR | NR | NR | 0 |
| PCB TRANSFORMER | TP | | NR | NR | NR | NR | NR | 0 |
| **EDR PROPRIETARY RECORDS** | | | | | | | | |
| ***EDR Proprietary Records*** | | | | | | | | |
| Manufactured Gas Plants | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

**A1**
**South**
**< 1/8**
**0.004 mi.**
**19 ft.**

**Relative:**
**Higher**

**Actual:**
**200 ft.**

**EBS BUILDING SUPPLIES**
**30 BELMONT AVE**
**BELFAST, ME 04915**

**Site 1 of 2 in cluster A**

**RCRA-NonGen** **1010319172**
**MER000504456**

RCRA-NonGen:

| | |
|---|---|
| Date form received by agency: | 06/08/2007 |
| Facility name: | EBS BUILDING SUPPLIES |
| Facility address: | 30 BELMONT AVE<br>BELFAST, ME 04915 |
| EPA ID: | MER000504456 |
| Mailing address: | BELMONT AVE<br>BELFAST, ME 04915 |
| Contact: | MARK MUNSON |
| Contact address: | BELMONT AVE<br>BELFAST, ME 04915 |
| Contact country: | US |
| Contact telephone: | (207) 338-4080 |
| Contact email: | Not reported |
| EPA Region: | 01 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

| | |
|---|---|
| Owner/operator name: | ELLSWORTH BUILDING SUPPLY |
| Owner/operator address: | BELMONT AVE<br>BELFAST, ME 04915 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 05/12/1996 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | ELLSWORTH BUILDING SUPPLY |
| Owner/operator address: | STATE STREET<br>ELLSWORTH, ME 04605 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 05/12/1996 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

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

**EBS BUILDING SUPPLIES (Continued)** **1010319172**

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

Violation Status: No violations found

---

**A2**
**WSW**
**< 1/8**
**0.023 mi.**
**119 ft.**

**MARITIME FARMS** **LUST** **S104217279**
**32 BELMONT AVENUE** **N/A**
**BELFAST, ME**

**Site 2 of 2 in cluster A**

**Relative: Higher**

**Actual: 202 ft.**

LUST:

Event:

| | |
|---|---|
| Spill Number: | A-11-1994 |
| Spill Cause: | Corrosion - Tank |
| Spill Type: | Oil Incident |
| Inc Tank: | Underground Tank(s) Involved |
| Removal Flag: | False |
| UST Registered Flag: | True |
| MCD Value: | 27010 |
| Create Date: | 12/07/2001 |
| Create By: | SPILLS |
| Modify Date: | 12/07/2001 |
| Modify By: | SPILLS |
| Report Status: | Final Report |
| Actual Spill Datetime: | Not reported |
| Actual Spill Date Unknown: | True |
| Number Wells At Risk: | 0 |
| Number Wells Impacted: | Not reported |
| Dtree Completed Flag: | False |
| Further Response Action: | False |
| Reporter Type: | Contractor/Consultant |
| Detection Method: | UST Tank Anomaly |
| Inc Location: | Terminal - Service Station |
| Inc Source: | Not reported |
| Material Disposal Info: | Soil still on site as of 7/28/94 |

Change:

| | |
|---|---|
| Description: | Report Created with Report Status = FR |
| Date Change: | 12/07/2001 |
| Changed By: | SPILLS |

Contact:

| | |
|---|---|
| Contact Type: | Subject/Spiller |
| Potential RP: | False |
| Name: | Not reported |
| Title: | Not reported |
| Company: | MARITIME ENERGY |
| Address: | 244 PARK STREET |
| City,State: | ROCKLAND,ME |
| Country: | Not reported |
| Zipcode: | 04841 |
| Phone/Ext: | / |
| Comments: | Not reported |

Primary Employee:

| | |
|---|---|
| Primary Employee: | True |

**MARITIME FARMS (Continued)** **S104217279**

Name: FRANCIS GEHRLING

File:
Spill Id: A-11-1994
Date Created: 11/19/2008
Created By: IMAGING
Date Modified: 11/19/2008
Modified By: IMAGING
File Num Sheets: 0
Notes: Report scanned into the imaging system on 19-NOV-08.
Reconcile Date: Not reported
File Reconciled By: Not reported

Media Affected:
Medium: Groundwater

Medium: Land

Log:
Spill Void Flag: False
Spill Office: Augusta
Spill Off Sequence: 11
Spill Year: 1994
Create Date: 12/07/2001
Created By: SPILLS
Modify Date: 12/07/2001
Modify By: SPILLS
Log Spill Type: Oil Incident
Log Spill Datetime: Not reported
Spill Time Unk: True
Spill Dt Unknown: True
Log Rep Dt Tm: 01/16/1994
Log Rep Prod Cd: 20
Log Rep Prod: Gasoline Unspecified
Log Emp Name: FRANCIS GEHRLING
Location: Not reported
Log Location Town: BELFAST
Log Tank Involved: Underground Tank(s) Involved
Notes: Not reported

Material Recovered:
Material Recovered Type: MM
Material Recovered: Mixed Liquid Media
Material Amount: 50
Material Units: gals.
Material Amt Qualifier: ACTUAL

Recovery Method: Excavation

Recovery Method: Pumps

Spill Point:
Create Date: 9/10/2008
Created By: EICHALST
Modify Date: 7/15/2009

**MARITIME FARMS (Continued)** **S104217279**

| | |
|---|---|
| Modify By: | EICHALST |
| Point Type Code: | ASP |
| UTM North: | 4918945.0700000003 |
| UTM East: | 498502.01000000001 |
| GPS Unit: | TANKS |
| GPS Date: | Not reported |
| GPS Time: | Not reported |
| GIS Feature Class: | Response_Spill_Points |
| GIS Object Id: | 13120 |
| GIS Sync Flag: | True |

Product:

| | |
|---|---|
| Product Code: | Gasoline Unspecified |
| Product Other: | Not reported |
| Product Amt: | 200 |
| Product Amt Unit: | gals. |
| Product Amt Qualifier: | ESTIMATE |
| Primary Product: | False |

Attachments:

| | |
|---|---|
| Description: | Not reported |
| Attach Type: | Not reported |
| File Name: | Not reported |
| File Code: | Not reported |
| File Size: | Not reported |
| File Modify Date: | Not reported |

Event:

| | |
|---|---|
| Spill Number: | A-11-1994 |
| Spill Cause: | Corrosion - Tank |
| Spill Type: | Oil Incident |
| Inc Tank: | Underground Tank(s) Involved |
| Removal Flag: | False |
| UST Registered Flag: | True |
| MCD Value: | 27010 |
| Create Date: | 12/07/2001 |
| Create By: | SPILLS |
| Modify Date: | 12/07/2001 |
| Modify By: | SPILLS |
| Report Status: | Final Report |
| Actual Spill Datetime: | Not reported |
| Actual Spill Date Unknown: | True |
| Number Wells At Risk: | 0 |
| Number Wells Impacted: | Not reported |
| Dtree Completed Flag: | False |
| Further Response Action: | False |
| Reporter Type: | Contractor/Consultant |
| Detection Method: | UST Tank Anomaly |
| Inc Location: | Terminal - Service Station |
| Inc Source: | Not reported |
| Material Disposal Info: | Soil still on site as of 7/28/94 |

Change:

| | |
|---|---|
| Description: | Report Created with Report Status = FR |
| Date Change: | 12/07/2001 |

**MARITIME FARMS (Continued)** **S104217279**

Changed By: SPILLS

Contact:
Contact Type: Subject/Spiller
Potential RP: False
Name: Not reported
Title: Not reported
Company: MARITIME ENERGY
Address: 244 PARK STREET
City,State: ROCKLAND,ME
Country: Not reported
Zipcode: 04841
Phone/Ext: /
Comments: Not reported

Primary Employee:
Primary Employee: True
Name: FRANCIS GEHRLING

File:
Spill Id: A-11-1994
Date Created: 11/19/2008
Created By: IMAGING
Date Modified: 11/19/2008
Modified By: IMAGING
File Num Sheets: 0
Notes: Report scanned into the imaging system on 19-NOV-08.
Reconcile Date: Not reported
File Reconciled By: Not reported

Media Affected:
Medium: Groundwater

Medium: Land

Log:
Spill Void Flag: False
Spill Office: Augusta
Spill Off Sequence: 11
Spill Year: 1994
Create Date: 12/07/2001
Created By: SPILLS
Modify Date: 12/07/2001
Modify By: SPILLS
Log Spill Type: Oil Incident
Log Spill Datetime: Not reported
Spill Time Unk: True
Spill Dt Unknown: True
Log Rep Dt Tm: 01/16/1994
Log Rep Prod Cd: 20
Log Rep Prod: Gasoline Unspecified
Log Emp Name: FRANCIS GEHRLING
Location: Not reported
Log Location Town: BELFAST
Log Tank Involved: Underground Tank(s) Involved

**MARITIME FARMS (Continued)** **S104217279**

Notes: Not reported

Material Recovered:
Material Recovered Type: MM
Material Recovered: Mixed Liquid Media
Material Amount: 50
Material Units: gals.
Material Amt Qualifier: ACTUAL

Recovery Method: Excavation

Recovery Method: Pumps

Spill Point:
Create Date: 9/10/2008
Created By: EICHALST
Modify Date: 7/15/2009
Modify By: EICHALST
Point Type Code: ASP
UTM North: 4918945.0700000003
UTM East: 498502.01000000001
GPS Unit: TANKS
GPS Date: Not reported
GPS Time: Not reported
GIS Feature Class: Response_Spill_Points
GIS Object Id: 13120
GIS Sync Flag: True

Product:
Product Code: Gasoline Unspecified
Product Other: Not reported
Product Amt: 200
Product Amt Unit: gals.
Product Amt Qualifier: ESTIMATE
Primary Product: False

Attachments:
Description: Not reported
Attach Type: Not reported
File Name: Not reported
File Code: Not reported
File Size: Not reported
File Modify Date: Not reported

Event:
Spill Number: A-11-1994
Spill Cause: Corrosion - Tank
Spill Type: Oil Incident
Inc Tank: Underground Tank(s) Involved
Removal Flag: False
UST Registered Flag: True
MCD Value: 27010
Create Date: 12/07/2001
Create By: SPILLS

**MARITIME FARMS (Continued)** **S104217279**

| | |
|---|---|
| Modify Date: | 12/07/2001 |
| Modify By: | SPILLS |
| Report Status: | Final Report |
| Actual Spill Datetime: | Not reported |
| Actual Spill Date Unknown: | True |
| Number Wells At Risk: | 0 |
| Number Wells Impacted: | Not reported |
| Dtree Completed Flag: | False |
| Further Response Action: | False |
| Reporter Type: | Contractor/Consultant |
| Detection Method: | UST Tank Anomaly |
| Inc Location: | Terminal - Service Station |
| Inc Source: | Not reported |
| Material Disposal Info: | Soil still on site as of 7/28/94 |

Change:

| | |
|---|---|
| Description: | Report Created with Report Status = FR |
| Date Change: | 12/07/2001 |
| Changed By: | SPILLS |

Contact:

| | |
|---|---|
| Contact Type: | Subject/Spiller |
| Potential RP: | False |
| Name: | Not reported |
| Title: | Not reported |
| Company: | MARITIME ENERGY |
| Address: | 244 PARK STREET |
| City,State: | ROCKLAND,ME |
| Country: | Not reported |
| Zipcode: | 04841 |
| Phone/Ext: | / |
| Comments: | Not reported |

Primary Employee:

| | |
|---|---|
| Primary Employee: | True |
| Name: | FRANCIS GEHRLING |

File:

| | |
|---|---|
| Spill Id: | A-11-1994 |
| Date Created: | 11/19/2008 |
| Created By: | IMAGING |
| Date Modified: | 11/19/2008 |
| Modified By: | IMAGING |
| File Num Sheets: | 0 |
| Notes: | Report scanned into the imaging system on 19-NOV-08. |
| Reconcile Date: | Not reported |
| File Reconciled By: | Not reported |

Media Affected:

| | |
|---|---|
| Medium: | Groundwater |
| Medium: | Land |

Log:

| | |
|---|---|
| Spill Void Flag: | False |

**MARITIME FARMS (Continued)** **S104217279**

| | |
|---|---|
| Spill Office: | Augusta |
| Spill Off Sequence: | 11 |
| Spill Year: | 1994 |
| Create Date: | 12/07/2001 |
| Created By: | SPILLS |
| Modify Date: | 12/07/2001 |
| Modify By: | SPILLS |
| Log Spill Type: | Oil Incident |
| Log Spill Datetime: | Not reported |
| Spill Time Unk: | True |
| Spill Dt Unknown: | True |
| Log Rep Dt Tm: | 01/16/1994 |
| Log Rep Prod Cd: | 20 |
| Log Rep Prod: | Gasoline Unspecified |
| Log Emp Name: | FRANCIS GEHRLING |
| Location: | Not reported |
| Log Location Town: | BELFAST |
| Log Tank Involved: | Underground Tank(s) Involved |
| Notes: | Not reported |

Material Recovered:

| | |
|---|---|
| Material Recovered Type: | MM |
| Material Recovered: | Mixed Liquid Media |
| Material Amount: | 50 |
| Material Units: | gals. |
| Material Amt Qualifier: | ACTUAL |
| Recovery Method: | Excavation |
| Recovery Method: | Pumps |

Spill Point:

| | |
|---|---|
| Create Date: | 9/10/2008 |
| Created By: | EICHALST |
| Modify Date: | 7/15/2009 |
| Modify By: | EICHALST |
| Point Type Code: | ASP |
| UTM North: | 4918945.0700000003 |
| UTM East: | 498502.01000000001 |
| GPS Unit: | TANKS |
| GPS Date: | Not reported |
| GPS Time: | Not reported |
| GIS Feature Class: | Response_Spill_Points |
| GIS Object Id: | 13120 |
| GIS Sync Flag: | True |

Product:

| | |
|---|---|
| Product Code: | Gasoline Unspecified |
| Product Other: | Not reported |
| Product Amt: | 200 |
| Product Amt Unit: | gals. |
| Product Amt Qualifier: | ESTIMATE |
| Primary Product: | False |

Attachments:

**MARITIME FARMS (Continued)** **S104217279**

| | |
|---|---|
| Description: | Not reported |
| Attach Type: | Not reported |
| File Name: | Not reported |
| File Code: | Not reported |
| File Size: | Not reported |
| File Modify Date: | Not reported |

---

**3**
**East**
**< 1/8**
**0.029 mi.**
**153 ft.**

**NICKERSONS EXXON** **LUST U003765937**
**25 BELMONT AVE** **UST N/A**
**BELFAST, ME**

**Relative:**
**Lower**

**Actual:**
**197 ft.**

LUST:

Event:

| | |
|---|---|
| Spill Number: | A-576-2002 |
| Spill Cause: | Other - Unknown |
| Spill Type: | Oil Incident |
| Inc Tank: | Underground Tank(s) Involved |
| Removal Flag: | True |
| UST Registered Flag: | True |
| MCD Value: | 27010 |
| Create Date: | 12/17/2002 |
| Create By: | EIGWALL |
| Modify Date: | 11/06/2003 |
| Modify By: | EITGALLA |
| Report Status: | Final Report |
| Actual Spill Datetime: | Not reported |
| Actual Spill Date Unknown: | True |
| Number Wells At Risk: | 0 |
| Number Wells Impacted: | 0 |
| Dtree Completed Flag: | True |
| Further Response Action: | False |
| Reporter Type: | Contractor/Consultant |
| Detection Method: | Tank and/or Piping Removal |
| Inc Location: | Terminal - Service Station |
| Inc Source: | Storage Unit - Underground Storage Tank |
| Material Disposal Info: | none |

Change:

| | |
|---|---|
| Description: | Report Status change from DQA to FR |
| Date Change: | 11/06/2003 |
| Changed By: | EITGALLA |
| | |
| Description: | Report Created with Report Status = DR |
| Date Change: | 12/17/2002 |
| Changed By: | EIGWALL |
| | |
| Description: | Report Status change from DR to DRV |
| Date Change: | 12/17/2002 |
| Changed By: | EIGWALL |
| | |
| Description: | Report Status change from DRV to DQA |
| Date Change: | 12/19/2002 |
| Changed By: | EIPBLANC |

**NICKERSONS EXXON (Continued)** **U003765937**

Contact:
- Contact Type: Subject/Spiller
- Potential RP: True
- Name: THOMAS AUGER
- Title: Not reported
- Company: Not reported
- Address: 319 RIDGE RD
- City,State: WALES,ME
- Country: USA
- Zipcode: 04280
- Phone/Ext: /
- Comments: Not reported

Primary Employee:
- Primary Employee: True
- Name: GLEN WALL

File:
- Spill Id: A-576-2002
- Date Created: 12/09/2003
- Created By: EIPLAMBE
- Date Modified: 07/28/2009
- Modified By: IMAGING
- File Num Sheets: 0
- Notes: Report scanned into the imaging system on 28-JUL-09.
- Reconcile Date: 12/09/2003
- File Reconciled By: Not reported

Media Affected:
- Medium: Land

Log:
- Spill Void Flag: False
- Spill Office: Augusta
- Spill Off Sequence: 576
- Spill Year: 2002
- Create Date: 09/26/2002
- Created By: EIMBARTO
- Modify Date: 09/26/2002
- Modify By: EIMBARTO
- Log Spill Type: Oil Incident
- Log Spill Datetime: Not reported
- Spill Time Unk: True
- Spill Dt Unknown: True
- Log Rep Dt Tm: 09/20/2002
- Log Rep Prod Cd: 20
- Log Rep Prod: Gasoline Unspecified
- Log Emp Name: GLEN WALL
- Location: Nickerson Garage on Route 3
- Log Location Town: BELFAST
- Log Tank Involved: Underground Tank(s) Involved
- Notes: USTs removed, some soil contamination

Material Recovered:

**NICKERSONS EXXON (Continued)** **U003765937**

Material Recovered Type: NO
Material Recovered: None
Material Amount: 0
Material Units: gals.
Material Amt Qualifier: ACTUAL

Recovery Method: None

Spill Point:
Create Date: Not reported
Created By: Not reported
Modify Date: Not reported
Modify By: Not reported
Point Type Code: Not reported
UTM North: Not reported
UTM East: Not reported
GPS Unit: Not reported
GPS Date: Not reported
GPS Time: Not reported
GIS Feature Class: Not reported
GIS Object Id: Not reported
GIS Sync Flag: Not reported

Product:
Product Code: Gasoline Unspecified
Product Other: Not reported
Product Amt: 5
Product Amt Unit: gals.
Product Amt Qualifier: ESTIMATE
Primary Product: True

Attachments:
Description: Underground Storage Tank Removal Site Assessment
Attach Type: Paper Attach
File Name: Not reported
File Code: Not reported
File Size: Not reported
File Modify Date: 12/17/2002

Description: DEP Hydrocarbon Decision Tree
Attach Type: Paper Attach
File Name: Not reported
File Code: Not reported
File Size: Not reported
File Modify Date: 12/17/2002

Description: Cleanup DTREE
Attach Type: Electronic Form
File Name: Not reported
File Code: Not reported
File Size: Not reported
File Modify Date: 12/17/2002

UST:

**NICKERSONS EXXON (Continued)** **U003765937**

| | |
|---|---|
| Facility ID: | 2053 |
| Facility Location2: | BELFAST |
| Facility Code: | RETAIL OIL |
| Fed Reg Ind: | Yes |
| Owner Name: | BLACKSTONE PROPERTIES |
| Owner Contact: | Not reported |
| Owner Delivery Address: | 319 RIDGE RD |
| Owner City/State/Zip: | WALES, ME 04280 |
| Owner Telephone: | 2079335443 |
| Operator Contact: | Not reported |
| | |
| Tank Number: | 1 |
| Tank Material: | STEEL WITH CATHODIC PROTECTION. |
| **Tank Status:** | **REMOVED** |
| **Tank Sub Status:** | **REMOVED** |
| Tank Status Date: | 09/20/2002 |
| Tank Status Label: | REMOVED |
| Tank Sub Status Label: | Not reported |
| Tank Volume in Gallons: | 6000 |
| Tank Above/Below: | BELOWGROUND |
| Installation Date: | 09/01/1984 |
| Reg Date: | 07/07/1986 |
| Near Public Water: | No |
| Near Pvt Water: | No |
| Near Other Water: | No |
| On Aquifer: | No |
| Near Private Water Label: | Not reported |
| Near Public Water Label: | Not reported |
| Nearby Water Other Owner Label: | Not reported |
| On Aquifer Label: | Not reported |
| Tank Leak Detection Label: | SIA STATISTICAL INVENTORY ANALYSIS |
| Chamber Pump Type Label: | SUCTION |
| Chamber Pump type Desc: | SUCTION |
| Pipe Leak Detection Label: | CONFORMING SUCTION SYSTEM |
| Overfill Protection Label: | UNKNOWN |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Chamber ID: | 1 |
| Volume (gallons): | 6000 |
| Product Type: | UNLEADED GASOLINE |
| **Pipe Status:** | **REMOVED** |
| Pipe Status Date: | 09/20/2002 |
| Pipe Date Installed: | 04/20/1994 |
| Pipe Material Label: | FLEXIBLE DOUBLE-WALLED PIPING |
| Pipe Status Label: | REMOVED |
| Overfill: | UNKNOWN |
| | |
| Tank Number: | 2 |
| Tank Material: | STEEL WITH CATHODIC PROTECTION. |
| **Tank Status:** | **REMOVED** |
| **Tank Sub Status:** | **REMOVED** |
| Tank Status Date: | 09/20/2002 |
| Tank Status Label: | REMOVED |
| Tank Sub Status Label: | Not reported |
| Tank Volume in Gallons: | 4000 |
| Tank Above/Below: | BELOWGROUND |

**NICKERSONS EXXON (Continued)** **U003765937**

| | |
|---|---|
| Installation Date: | 09/01/1984 |
| Reg Date: | 07/07/1986 |
| Near Public Water: | No |
| Near Pvt Water: | No |
| Near Other Water: | No |
| On Aquifer: | No |
| Near Private Water Label: | Not reported |
| Near Public Water Label: | Not reported |
| Nearby Water Other Owner Label: | Not reported |
| On Aquifer Label: | Not reported |
| Tank Leak Detection Label: | SIA STATISTICAL INVENTORY ANALYSIS |
| Chamber Pump Type Label: | SUCTION |
| Chamber Pump type Desc: | SUCTION |
| Pipe Leak Detection Label: | CONFORMING SUCTION SYSTEM |
| Overfill Protection Label: | UNKNOWN |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Chamber ID: | 1 |
| Volume (gallons): | 4000 |
| Product Type: | UNLEADED GASOLINE |
| **Pipe Status:** | **REMOVED** |
| Pipe Status Date: | 09/20/2002 |
| Pipe Date Installed: | 04/20/1994 |
| Pipe Material Label: | FLEXIBLE DOUBLE-WALLED PIPING |
| Pipe Status Label: | REMOVED |
| Overfill: | UNKNOWN |

| | |
|---|---|
| Tank Number: | 3 |
| Tank Material: | STEEL WITH CATHODIC PROTECTION. |
| **Tank Status:** | **REMOVED** |
| **Tank Sub Status:** | **REMOVED** |
| Tank Status Date: | 09/20/2002 |
| Tank Status Label: | REMOVED |
| Tank Sub Status Label: | Not reported |
| Tank Volume in Gallons: | 4000 |
| Tank Above/Below: | BELOWGROUND |
| Installation Date: | 09/01/1984 |
| Reg Date: | 07/07/1986 |
| Near Public Water: | No |
| Near Pvt Water: | No |
| Near Other Water: | No |
| On Aquifer: | No |
| Near Private Water Label: | Not reported |
| Near Public Water Label: | Not reported |
| Nearby Water Other Owner Label: | Not reported |
| On Aquifer Label: | Not reported |
| Tank Leak Detection Label: | SIA STATISTICAL INVENTORY ANALYSIS |
| Chamber Pump Type Label: | SUCTION |
| Chamber Pump type Desc: | SUCTION |
| Pipe Leak Detection Label: | CONFORMING SUCTION SYSTEM |
| Overfill Protection Label: | UNKNOWN |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Chamber ID: | 1 |
| Volume (gallons): | 4000 |
| Product Type: | PREMIUM UNLEADED |

**NICKERSONS EXXON (Continued)** **U003765937**

| | |
|---|---|
| **Pipe Status:** | **REMOVED** |
| Pipe Status Date: | 09/20/2002 |
| Pipe Date Installed: | 04/20/1994 |
| Pipe Material Label: | FLEXIBLE DOUBLE-WALLED PIPING |
| Pipe Status Label: | REMOVED |
| Overfill: | UNKNOWN |

---

**4** **DEAD RIVER CONVENIENCE** **UST** **U004179142**
**East** **22 BELMONT AVE** **N/A**
**< 1/8** **BELFAST, ME**
**0.074 mi.**
**390 ft.**

**Relative:**
**Higher**

**Actual:**
**200 ft.**

UST:

| | |
|---|---|
| Facility ID: | 20132 |
| Facility Location2: | BELFAST |
| Facility Code: | RETAIL OIL |
| Fed Reg Ind: | Yes |
| Owner Name: | DEAD RIVER CO |
| Owner Contact: | ANDERSON, LESLIE |
| Owner Delivery Address: | 82 RUNNING HILL RD SUITE 400 |
| Owner City/State/Zip: | SOUTH PORTLAND, ME 04106 3218 |
| Owner Telephone: | 2073585800 |
| Operator Contact: | ANDERSON, LESLIE |
| | |
| Tank Number: | 1 |
| Tank Material: | JACKETED TANK - DOUBLE-WALLED |
| **Tank Status:** | **ACTIVE** |
| **Tank Sub Status:** | **ACTIVE** |
| Tank Status Date: | 02/02/2000 |
| Tank Status Label: | ACTIVE |
| Tank Sub Status Label: | Not reported |
| Tank Volume in Gallons: | 15000 |
| Tank Above/Below: | BELOWGROUND |
| Installation Date: | 02/02/2000 |
| Reg Date: | 04/21/1999 |
| Near Public Water: | No |
| Near Pvt Water: | No |
| Near Other Water: | No |
| On Aquifer: | No |
| Near Private Water Label: | Not reported |
| Near Public Water Label: | Not reported |
| Nearby Water Other Owner Label: | Not reported |
| On Aquifer Label: | Not reported |
| Tank Leak Detection Label: | SECONDARY CONTAINMENT / CONT ELEC MON |
| Chamber Pump Type Label: | PRESSURIZED |
| Chamber Pump type Desc: | PRESSURIZED |
| Pipe Leak Detection Label: | SECONDARY CONTAINMENT / CONT ELEC MON |
| Overfill Protection Label: | VENT BALL |
| Latitude: | 44.42273 |
| Longitude: | -69.02646 |
| Chamber ID: | 1 |
| Volume (gallons): | 15000 |
| Product Type: | UNLEADED GASOLINE |
| **Pipe Status:** | **ACTIVE** |
| Pipe Status Date: | 02/02/2000 |
| Pipe Date Installed: | 02/02/2000 |
| Pipe Material Label: | FLEXIBLE DOUBLE-WALLED PIPING |

**DEAD RIVER CONVENIENCE (Continued)** **U004179142**

| | |
|---|---|
| Pipe Status Label: | ACTIVE |
| Overfill: | VENT_BALL |
| Tank Number: | 2 |
| Tank Material: | JACKETED TANK - DOUBLE-WALLED |
| **Tank Status:** | **ACTIVE** |
| **Tank Sub Status:** | **ACTIVE** |
| Tank Status Date: | 02/02/2000 |
| Tank Status Label: | ACTIVE |
| Tank Sub Status Label: | Not reported |
| Tank Volume in Gallons: | 10000 |
| Tank Above/Below: | BELOWGROUND |
| Installation Date: | 02/02/2000 |
| Reg Date: | 04/21/1999 |
| Near Public Water: | No |
| Near Pvt Water: | No |
| Near Other Water: | No |
| On Aquifer: | No |
| Near Private Water Label: | Not reported |
| Near Public Water Label: | Not reported |
| Nearby Water Other Owner Label: | Not reported |
| On Aquifer Label: | Not reported |
| Tank Leak Detection Label: | SECONDARY CONTAINMENT / CONT ELEC MON |
| Chamber Pump Type Label: | PRESSURIZED |
| Chamber Pump type Desc: | PRESSURIZED |
| Pipe Leak Detection Label: | SECONDARY CONTAINMENT / CONT ELEC MON |
| Overfill Protection Label: | VENT BALL |
| Latitude: | 44.42273 |
| Longitude: | -69.02646 |
| Chamber ID: | 1 |
| Volume (gallons): | 10000 |
| Product Type: | PREMIUM UNLEADED |
| **Pipe Status:** | **ACTIVE** |
| Pipe Status Date: | 02/02/2000 |
| Pipe Date Installed: | 02/02/2000 |
| Pipe Material Label: | FLEXIBLE DOUBLE-WALLED PIPING |
| Pipe Status Label: | ACTIVE |
| Overfill: | VENT_BALL |

---

**5** **CHARLES BOYNTON** **LAST** **S106673739**
**East** **11 BELMONT AVE** **N/A**
**1/8-1/4** **BELFAST, ME**
**0.169 mi.**
**895 ft.**

**Relative:**
**Higher**

**Actual:**
**209 ft.**

LAST:

Event:

| | |
|---|---|
| Spill Number: | A-260-2003 |
| Inc Tank Code: | A |
| Inc Tank: | Above Ground Tank(s) Involved |
| Removal Flag: | False |
| UST registered flag: | False |
| AST inside flag: | True |
| Create Date: | 07/16/2003 |
| Create By: | EIDDAVIS |
| Modify Date: | 11/15/2004 |

**CHARLES BOYNTON (Continued)** **S106673739**

| | |
|---|---|
| Modify By: | 11/15/2004 |
| Report Status Code: | FR |
| Report Status: | Final Report |
| Spill Datetime: | Not reported |
| Spill Date Unknown: | True |
| Spill Time Unknown: | True |
| Number of wells at risk: | 0 |
| Number of wells impacted: | 0 |
| DTREE completed flag: | False |
| MCD Value: | 27010 |
| Further response action: | False |
| Spill Type Code: | O |
| Spill Type: | Oil Incident |
| Reporter Type Code: | 7 |
| Reporter Type: | Other Involved Party |
| Detection Method Code: | H |
| Detection Method: | Odor/Vapor/Mist |
| Inc Location Code: | SF |
| Inc Location: | Residential - Single Family |
| Inc Source Code: | TA |
| Inc Source: | Storage Unit - Aboveground Storage Tank |
| Spill Cause Code: | 01 |
| Spill Cause: | Corrosion - Tank |
| Material Disposal Info: | By DEP |

Change:

| | |
|---|---|
| Description: | Report Status change from DR to DRV |
| Date Change: | 01/16/2004 |
| Changed By: | EIDDAVIS |
| Description: | Report Created with Report Status = DR |
| Date Change: | 07/16/2003 |
| Changed By: | EIDDAVIS |
| Description: | Report Status change from DRV to FR |
| Date Change: | 11/15/2004 |
| Changed By: | EITGALLA |

Contact:

| | |
|---|---|
| Contact Type: | Subject/Spiller |
| Potential RP: | True |
| Name: | CHARLES BOYNTON |
| Title: | Not reported |
| Company: | Not reported |
| Address: | POORS MILL RD |
| City,State: | BELFAST,ME |
| Country: | USA |
| Zipcode: | 04915 |
| Phone/Ext: | / |
| Comments: | Not reported |

Primary Employee:

| | |
|---|---|
| Primary Employee: | True |
| Name: | DANIEL E DAVIS |

File:

**CHARLES BOYNTON (Continued)** **S106673739**

| | |
|---|---|
| Spill Id: | A-260-2003 |
| Date Created: | 11/15/2004 |
| Created By: | EIPLAMBE |
| Date Modified: | 02/18/2005 |
| Modified By: | IMAGING |
| File Num Sheets: | 0 |
| Notes: | Report scanned into the imaging system on 18-FEB-05. |
| Reconcile Date: | 11/15/2004 |
| File Reconciled By: | Not reported |

Media Affected:

| | |
|---|---|
| Medium: | Land |

Log:

| | |
|---|---|
| Spill Void Flag: | False |
| Spill Office: | Augusta |
| Spill Off Sequence: | 260 |
| Spill Year: | 2003 |
| Create Date: | 06/06/2003 |
| Created By: | EIMBARTO |
| Modify Date: | 06/06/2003 |
| Modify By: | EIMBARTO |
| Log Spill Type: | Oil Incident |
| Log Spill Datetime: | Not reported |
| Spill Time Unk: | True |
| Spill Dt Unknown: | True |
| Log Rep Dt Tm: | 06/03/2003 |
| Log Rep Prod Cd: | 02 |
| Log Rep Prod: | #2 Fuel Oil |
| Log Emp Name: | DANIEL E DAVIS |
| Location: | 11 Belmont Ave |
| Log Location Town: | BELFAST |
| Log Tank Involved: | Above Ground Tank(s) Involved |
| Notes: | Rusty tank - slow leak to pan and concrete floor |

Material Recovered:

| | |
|---|---|
| Material Recovered Type: | SP |
| Material Recovered: | Spilled Product |
| Material Amount: | Not reported |
| Material Units: | Not reported |
| Material Amt Qualifier: | UNKNOWN |

| | |
|---|---|
| Material Recovered Type: | VP |
| Material Recovered: | Unspilled Product |
| Material Amount: | Not reported |
| Material Units: | Not reported |
| Material Amt Qualifier: | UNKNOWN |

Spill Point:

| | |
|---|---|
| Create Date: | Not reported |
| Created By: | Not reported |
| Modify Date: | Not reported |
| Modify By: | Not reported |
| Point Type Code: | Not reported |
| UTM North: | Not reported |

**CHARLES BOYNTON (Continued)** **S106673739**

| | |
|---|---|
| UTM East: | Not reported |
| GPS Unit: | Not reported |
| GPS Date: | Not reported |
| GPS Time: | Not reported |
| GIS Feature Class: | Not reported |
| GIS Object Id: | Not reported |
| GIS Sync Flag: | Not reported |
| Recovery Method: | Other |
| Recovery Method: | Pumps |

Product:

| | |
|---|---|
| Product Code: | #2 Fuel Oil |
| Product Other: | Not reported |
| Product Amt: | 10 |
| Product Amt Unit: | gals. |
| Product Amt Qualifier: | ESTIMATE |
| Primary Product: | True |

Attachments:

| | |
|---|---|
| Description: | Not reported |
| Attach Type: | Not reported |
| File Name: | Not reported |
| File Code: | Not reported |
| File Size: | Not reported |
| File Modify Date: | Not reported |

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**B6** **DUTCH CHEVROLET BUICK PONTIAC INC.** **AST** **S108053161**
**East** **6 BELMONT AVE** **TIER 2** **N/A**
**1/8-1/4** **BELFAST, ME**
**0.234 mi.**
**1238 ft.** **Site 1 of 3 in cluster B**

**Relative:**
**Higher**

**Actual:**
**218 ft.**

AST:

| | |
|---|---|
| Facility ID: | Not reported |
| Facility Status: | Not reported |
| Facility Phone: | Not reported |
| Facility Dept: | Not reported |
| Lat/Long: | 0 / 0 |
| Mail Address: | 6 BELMONT AVE. |
| Mail City: | BELFAST |
| Mail State: | ME |
| Mail Zip: | 4915 |
| Record Id: | Not reported |
| CAS Number: | Not reported |
| Submitted By: | GREG DUTCH - OWNER/VP/SEC/TREAS |
| Max Container is Holding: | 18000 |
| Max Amount Container: | 7000 |
| Location: | STORAGE TANK IN TOOL ROOM AND TANKS IN COLLISION CENTER. |
| Amount: | 18000 |
| Amount Unit: | pounds |
| Type Code: | A |
| Pressure Code: | 1 |
| Temperature Code: | 4 |

**DUTCH CHEVROLET BUICK PONTIAC INC. (Continued)** **S108053161**

Max Amount Code: 4
Chemical Name: MOTOR OIL
Days On Site: 365
CIEHS Chemical: Not reported
Report Year: 2006

TIER 2:
Facility Mailing Address: 6 BELMONT AVE.
Facility Mailing City/State/Zip: BELFAST, ME 4915
Facility Mailing Country: USA
Report Year: 2006
Submitted By: GREG DUTCH - OWNER/VP/SEC/TREAS
Acute/Chronic: Not reported
Average Amount: Not reported
Record ID: Not reported
Facility Router Record ID: Not reported
Chemical Inventory Record ID: Not reported
Chemical Same As Last Year: Not reported
Chronic: Not reported
CICAS: Not reported
CI EHS Chemical: Not reported
CI Last Modified: Not reported
MSDS Number For Chemical: Not reported
CI Notes: Not reported
Days On Site: Not reported
Entered Chemical Name: Not reported
Fire: Not reported
Gas: Not reported
Liquid: Not reported
Maximum Amount: Not reported
Maximum Amount Code: Not reported
Maximum Amount Container: Not reported
Mixture: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
Date Signed: 2/28/2007
Date TierII Received: Not reported
Facility Dept: Not reported
Facility Record Id: FATR200650HU6S01NSJ8
Failed Validation: Not reported
Facility Date Modified: 4/18/2007
Facility Mail Address: Not reported
Mail City/State/Zip: Not reported
Mail Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Descr: Not reported
Lat/Long Method: Not reported
Notes: Not reported
Validation Report: Not reported

Report Year: 2009
Submitted By: Gregory A. Dutch
Acute/Chronic: Not reported
Average Amount: Not reported

**DUTCH CHEVROLET BUICK PONTIAC INC. (Continued)** **S108053161**

| | |
|---|---|
| Record ID: | Not reported |
| Facility Router Record ID: | Not reported |
| Chemical Inventory Record ID: | Not reported |
| Chemical Same As Last Year: | T |
| Chronic: | Not reported |
| CICAS: | Not reported |
| CI EHS Chemical: | Not reported |
| CI Last Modified: | Not reported |
| MSDS Number For Chemical: | Not reported |
| CI Notes: | Not reported |
| Days On Site: | Not reported |
| Entered Chemical Name: | Not reported |
| Fire: | Not reported |
| Gas: | Not reported |
| Liquid: | Not reported |
| Maximum Amount: | Not reported |
| Maximum Amount Code: | Not reported |
| Maximum Amount Container: | Not reported |
| Mixture: | Not reported |
| Pressure: | Not reported |
| Pure: | Not reported |
| Reactive: | Not reported |
| Solid: | Not reported |
| Date Signed: | 2/24/2010 |
| Date TierII Received: | Not reported |
| Facility Dept: | Not reported |
| Facility Record Id: | FATR200971QB92002DB8 |
| Failed Validation: | Not reported |
| Facility Date Modified: | 3/4/2010 |
| Facility Mail Address: | Not reported |
| Mail City/State/Zip: | Not reported |
| Mail Country: | Not reported |
| Latitude: | 44.42271 |
| Longitude: | 60.022795 |
| Lat/Long Location Descr: | FC_Facility Centroid |
| Lat/Long Method: | G0 - GPS (Other) |
| Notes: | Not reported |
| Validation Report: | This facility passed all validation checks. |

| | |
|---|---|
| Report Year: | 2008 |
| Submitted By: | Gregory A. Dutch |
| Acute/Chronic: | Not reported |
| Average Amount: | Not reported |
| Record ID: | Not reported |
| Facility Router Record ID: | Not reported |
| Chemical Inventory Record ID: | Not reported |
| Chemical Same As Last Year: | T |
| Chronic: | Not reported |
| CICAS: | Not reported |
| CI EHS Chemical: | Not reported |
| CI Last Modified: | Not reported |
| MSDS Number For Chemical: | Not reported |
| CI Notes: | Not reported |
| Days On Site: | Not reported |
| Entered Chemical Name: | Not reported |
| Fire: | Not reported |
| Gas: | Not reported |

**DUTCH CHEVROLET BUICK PONTIAC INC. (Continued)** **S108053161**

| | |
|---|---|
| Liquid: | Not reported |
| Maximum Amount: | Not reported |
| Maximum Amount Code: | Not reported |
| Maximum Amount Container: | Not reported |
| Mixture: | Not reported |
| Pressure: | Not reported |
| Pure: | Not reported |
| Reactive: | Not reported |
| Solid: | Not reported |
| Date Signed: | 4/30/2009 |
| Date TierII Received: | Not reported |
| Facility Dept: | Not reported |
| Facility Record Id: | FATR20086GA33J0027FX |
| Failed Validation: | Not reported |
| Facility Date Modified: | 5/4/2009 |
| Facility Mail Address: | Not reported |
| Mail City/State/Zip: | Not reported |
| Mail Country: | Not reported |
| Latitude: | 44.42271 |
| Longitude: | 60.022795 |
| Lat/Long Location Descr: | FC - Facility Centroid |
| Lat/Long Method: | G0 - GPS (Other) |
| Notes: | Not reported |
| Validation Report: | This facility passed all validation checks. |

| | |
|---|---|
| Report Year: | 2010 |
| Submitted By: | Gregory A Dutch |
| Acute/Chronic: | Not reported |
| Average Amount: | Not reported |
| Record ID: | Not reported |
| Facility Router Record ID: | Not reported |
| Chemical Inventory Record ID: | Not reported |
| Chemical Same As Last Year: | T |
| Chronic: | Not reported |
| CICAS: | Not reported |
| CI EHS Chemical: | Not reported |
| CI Last Modified: | Not reported |
| MSDS Number For Chemical: | Not reported |
| CI Notes: | Not reported |
| Days On Site: | Not reported |
| Entered Chemical Name: | Not reported |
| Fire: | Not reported |
| Gas: | Not reported |
| Liquid: | Not reported |
| Maximum Amount: | Not reported |
| Maximum Amount Code: | Not reported |
| Maximum Amount Container: | Not reported |
| Mixture: | Not reported |
| Pressure: | Not reported |
| Pure: | Not reported |
| Reactive: | Not reported |
| Solid: | Not reported |
| Date Signed: | 2/24/2011 |
| Date TierII Received: | Not reported |
| Facility Dept: | Not reported |
| Facility Record Id: | FATR20107RCFQN002MTC |
| Failed Validation: | Not reported |

**DUTCH CHEVROLET BUICK PONTIAC INC. (Continued)** **S108053161**

| | |
|---|---|
| Facility Date Modified: | 09/12/2011 |
| Facility Mail Address: | Not reported |
| Mail City/State/Zip: | Not reported |
| Mail Country: | Not reported |
| Latitude: | 44.42271 |
| Longitude: | 60.022795 |
| Lat/Long Location Descr: | FC - Facility Centroid |
| Lat/Long Method: | G0 - GPS (Other) |
| Notes: | Not reported |
| Validation Report: | Note: entered latitude/longitude does not fall within bounding box of Waldo County. This facility passed all validation checks. |

Chemical Inventory:

| | |
|---|---|
| Ave Amount: | 8575 |
| CFacilityRouteRecordId: | FATR20107RCFQN002MTC |
| Chem Inv Record Id: | CVTR20107RCGFR00BBLD |
| Chronic: | Not reported |
| CICAS: | 68476-30-2 |
| CIEHS Chemical: | Not reported |
| Entered Chem Name: | used motor oil |
| Fire: | T |
| Gas: | Not reported |
| Liquid: | T |
| Max Amount: | 17150 |
| Max Amt Container: | 7000 |
| Mixture: | Not reported |
| Pressure: | Not reported |
| Pure: | T |
| Reactive: | Not reported |
| Solid: | Not reported |
| Date Last Modified: | 02/25/2011 |
| Acute: | Not reported |
| Avg Amt Code: | 3 |
| Max Amt Code: | 4 |

| | |
|---|---|
| Report Year: | 2005 |
| Submitted By: | Greg Dutch |
| Acute/Chronic: | T |
| Average Amount: | 18000 |
| Record ID: | Not reported |
| Facility Router Record ID: | FATR20054CQWW50027W7 |
| Chemical Inventory Record ID: | CVTR20054CQX1P00A0M5 |
| Chemical Same As Last Year: | Not reported |
| Chronic: | T |
| CICAS: | Not reported |
| CI EHS Chemical: | Not reported |
| CI Last Modified: | 4/19/2006 |
| MSDS Number For Chemical: | Not reported |
| CI Notes: | Not reported |
| Days On Site: | 365 |
| Entered Chemical Name: | Used Motor Oil |
| Fire: | T |
| Gas: | Not reported |
| Liquid: | T |
| Maximum Amount: | 18000 |
| Maximum Amount Code: | 04 |
| Maximum Amount Container: | 7000 |

**DUTCH CHEVROLET BUICK PONTIAC INC. (Continued)** **S108053161**

| | |
|---|---|
| Mixture: | T |
| Pressure: | Not reported |
| Pure: | Not reported |
| Reactive: | Not reported |
| Solid: | Not reported |
| Date Signed: | Not reported |
| Date TierII Received: | Not reported |
| Facility Dept: | Not reported |
| Facility Record Id: | FATR20054CQWW50027W7 |
| Failed Validation: | Not reported |
| Facility Date Modified: | Not reported |
| Facility Mail Address: | Not reported |
| Mail City/State/Zip: | Not reported |
| Mail Country: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Lat/Long Location Descr: | Not reported |
| Lat/Long Method: | Not reported |
| Notes: | Not reported |
| Validation Report: | Not reported |

Click this hyperlink while viewing on your computer to access additional ME_TIER2: detail in the EDR Site Report.

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**B7** **R. H. RENY, INC.** **AST** **S108651967**
**East** **1 BELMONT AVENUE** **TIER 2** **N/A**
**1/8-1/4** **BELFAST, ME**
**0.247 mi.**
**1304 ft.** **Site 2 of 3 in cluster B**

**Relative:**
**Higher**

**Actual:**
**217 ft.**

AST:

| | |
|---|---|
| Facility ID: | FATR20107215PZ015L5B |
| Facility Status: | Not reported |
| Facility Phone: | Not reported |
| Facility Dept: | Not reported |
| Lat/Long: | Not reported |
| Mail Address: | Not reported |
| Mail City: | Not reported |
| Mail State: | Not reported |
| Mail Zip: | Not reported |
| Record Id: | Not reported |
| CAS Number: | Not reported |
| Submitted By: | Mary Kate Reny, Operations and Compliance |
| Max Container is Holding: | 18825 |
| Max Amount Container: | 3360 |
| Location: | behind Plaza/Mr. Paperback |
| Amount: | 3360 |
| Amount Unit: | pounds |
| Type Code: | A |
| Pressure Code: | 1 |
| Temperature Code: | 4 |
| Max Amount Code: | 4 |
| Chemical Name: | Propane |
| Days On Site: | 365 |
| CIEHS Chemical: | Not reported |
| Report Year: | 2010 |

**R. H. RENY, INC. (Continued)** **S108651967**

Location: behind Plaza/Olympia Sport
Amount: 3360
Amount Unit: pounds
Type Code: A
Pressure Code: 1
Temperature Code: 4
Max Amount Code: 4
Chemical Name: Propane
Days On Site: 365
CIEHS Chemical: Not reported
Report Year: 2010

Location: Directly behind Renys store
Amount: 13440
Amount Unit: pounds
Type Code: A
Pressure Code: 1
Temperature Code: 4
Max Amount Code: 4
Chemical Name: Propane
Days On Site: 365
CIEHS Chemical: Not reported
Report Year: 2010

Location: behind Plaza/Mr. Paperback
Amount: 3360
Amount Unit: pounds
Type Code: A
Pressure Code: 1
Temperature Code: 4
Max Amount Code: 4
Chemical Name: Propane
Days On Site: 365
CIEHS Chemical: Not reported
Report Year: 2009

Location: behind Plaza/Olympia Sport
Amount: 3360
Amount Unit: pounds
Type Code: A
Pressure Code: 1
Temperature Code: 4
Max Amount Code: 4
Chemical Name: Propane
Days On Site: 365
CIEHS Chemical: Not reported
Report Year: 2009

Location: Directly behind Renys store
Amount: 13440
Amount Unit: pounds
Type Code: A
Pressure Code: 1

**R. H. RENY, INC. (Continued)** **S108651967**

| | |
|---|---|
| Temperature Code: | 4 |
| Max Amount Code: | 4 |
| Chemical Name: | Propane |
| Days On Site: | 365 |
| CIEHS Chemical: | Not reported |
| Report Year: | 2009 |

| | |
|---|---|
| Location: | behind Olympia Sports store |
| Amount: | 3360 |
| Amount Unit: | pounds |
| Type Code: | A |
| Pressure Code: | 2 |
| Temperature Code: | 4 |
| Max Amount Code: | 4 |
| Chemical Name: | Propane |
| Days On Site: | 365 |
| CIEHS Chemical: | Not reported |
| Report Year: | 2008 |

| | |
|---|---|
| Location: | directly behind Renys store |
| Amount: | 13440 |
| Amount Unit: | pounds |
| Type Code: | A |
| Pressure Code: | 2 |
| Temperature Code: | 4 |
| Max Amount Code: | 4 |
| Chemical Name: | Propane |
| Days On Site: | 365 |
| CIEHS Chemical: | Not reported |
| Report Year: | 2008 |

| | |
|---|---|
| Location: | behind Olympia Sports |
| Amount: | 6000 |
| Amount Unit: | pounds |
| Type Code: | A |
| Pressure Code: | 1 |
| Temperature Code: | 4 |
| Max Amount Code: | 3 |
| Chemical Name: | Propane |
| Days On Site: | 365 |
| CIEHS Chemical: | Not reported |
| Report Year: | 2006 |

| | |
|---|---|
| Location: | behind Renys store |
| Amount: | 6000 |
| Amount Unit: | pounds |
| Type Code: | A |
| Pressure Code: | 1 |
| Temperature Code: | 4 |
| Max Amount Code: | 3 |
| Chemical Name: | Propane |
| Days On Site: | 365 |
| CIEHS Chemical: | Not reported |

**R. H. RENY, INC. (Continued)** **S108651967**

Report Year: 2006

Location: against wall behind Mr. Paperback
Amount: 800
Amount Unit: pounds
Type Code: A
Pressure Code: 1
Temperature Code: 4
Max Amount Code: 3
Chemical Name: Propane
Days On Site: 365
CIEHS Chemical: Not reported
Report Year: 2006

TIER 2:
Facility Mailing Address: Not reported
Facility Mailing City/State/Zip: Not reported
Facility Mailing Country: Not reported
Report Year: 2009
Submitted By: Mary Kate Reny, Operations and Compliance
Acute/Chronic: Not reported
Average Amount: Not reported
Record ID: Not reported
Facility Router Record ID: Not reported
Chemical Inventory Record ID: Not reported
Chemical Same As Last Year: Not reported
Chronic: Not reported
CICAS: Not reported
CI EHS Chemical: Not reported
CI Last Modified: Not reported
MSDS Number For Chemical: Not reported
CI Notes: Not reported
Days On Site: Not reported
Entered Chemical Name: Not reported
Fire: Not reported
Gas: Not reported
Liquid: Not reported
Maximum Amount: Not reported
Maximum Amount Code: Not reported
Maximum Amount Container: Not reported
Mixture: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
Date Signed: 3/1/2010
Date TierII Received: Not reported
Facility Dept: Not reported
Facility Record Id: FATR20097215PZ015L5B
Failed Validation: Not reported
Facility Date Modified: 3/4/2010
Facility Mail Address: Not reported
Mail City/State/Zip: Not reported
Mail Country: Not reported
Latitude: Not reported
Longitude: Not reported

**R. H. RENY, INC. (Continued)** **S108651967**

Lat/Long Location Descr: Not reported
Lat/Long Method: Not reported
Notes: Not reported
Validation Report: This facility passed all validation checks.

Report Year: 2006
Submitted By: Mary Kate Reny
Acute/Chronic: Not reported
Average Amount: Not reported
Record ID: Not reported
Facility Router Record ID: Not reported
Chemical Inventory Record ID: Not reported
Chemical Same As Last Year: Not reported
Chronic: Not reported
CICAS: Not reported
CI EHS Chemical: Not reported
CI Last Modified: Not reported
MSDS Number For Chemical: Not reported
CI Notes: Not reported
Days On Site: Not reported
Entered Chemical Name: Not reported
Fire: Not reported
Gas: Not reported
Liquid: Not reported
Maximum Amount: Not reported
Maximum Amount Code: Not reported
Maximum Amount Container: Not reported
Mixture: Not reported
Pressure: Not reported
Pure: Not reported
Reactive: Not reported
Solid: Not reported
Date Signed: 3/16/2007
Date TierII Received: Not reported
Facility Dept: Not reported
Facility Record Id: FATR2006504HQZ00LMJG
Failed Validation: Not reported
Facility Date Modified: 4/18/2007
Facility Mail Address: Not reported
Mail City/State/Zip: Not reported
Mail Country: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Location Descr: Not reported
Lat/Long Method: Not reported
Notes: Not reported
Validation Report: Not reported

Report Year: 2008
Submitted By: Mary Kate Reny, Operations/Compliance
Acute/Chronic: Not reported
Average Amount: Not reported
Record ID: Not reported
Facility Router Record ID: Not reported
Chemical Inventory Record ID: Not reported
Chemical Same As Last Year: Not reported
Chronic: Not reported

**R. H. RENY, INC. (Continued)** **S108651967**

| | |
|---|---|
| CICAS: | Not reported |
| CI EHS Chemical: | Not reported |
| CI Last Modified: | Not reported |
| MSDS Number For Chemical: | Not reported |
| CI Notes: | Not reported |
| Days On Site: | Not reported |
| Entered Chemical Name: | Not reported |
| Fire: | Not reported |
| Gas: | Not reported |
| Liquid: | Not reported |
| Maximum Amount: | Not reported |
| Maximum Amount Code: | Not reported |
| Maximum Amount Container: | Not reported |
| Mixture: | Not reported |
| Pressure: | Not reported |
| Pure: | Not reported |
| Reactive: | Not reported |
| Solid: | Not reported |
| Date Signed: | 3/3/2009 |
| Date TierII Received: | Not reported |
| Facility Dept: | Operations |
| Facility Record Id: | FATR20086C888X00M8E6 |
| Failed Validation: | Not reported |
| Facility Date Modified: | 3/5/2009 |
| Facility Mail Address: | Not reported |
| Mail City/State/Zip: | Not reported |
| Mail Country: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Lat/Long Location Descr: | Not reported |
| Lat/Long Method: | Not reported |
| Notes: | Not reported |
| Validation Report: | This facility passed all validation checks. |

| | |
|---|---|
| Report Year: | 2010 |
| Submitted By: | Mary Kate Reny, Operations and Compliance |
| Acute/Chronic: | Not reported |
| Average Amount: | Not reported |
| Record ID: | Not reported |
| Facility Router Record ID: | Not reported |
| Chemical Inventory Record ID: | Not reported |
| Chemical Same As Last Year: | Not reported |
| Chronic: | Not reported |
| CICAS: | Not reported |
| CI EHS Chemical: | Not reported |
| CI Last Modified: | Not reported |
| MSDS Number For Chemical: | Not reported |
| CI Notes: | Not reported |
| Days On Site: | Not reported |
| Entered Chemical Name: | Not reported |
| Fire: | Not reported |
| Gas: | Not reported |
| Liquid: | Not reported |
| Maximum Amount: | Not reported |
| Maximum Amount Code: | Not reported |
| Maximum Amount Container: | Not reported |
| Mixture: | Not reported |

**R. H. RENY, INC. (Continued)** **S108651967**

| | |
|---|---|
| Pressure: | Not reported |
| Pure: | Not reported |
| Reactive: | Not reported |
| Solid: | Not reported |
| Date Signed: | 2/28/2011 |
| Date TierII Received: | Not reported |
| Facility Dept: | Not reported |
| Facility Record Id: | FATR20107215PZ015L5B |
| Failed Validation: | Not reported |
| Facility Date Modified: | 09/12/2011 |
| Facility Mail Address: | Not reported |
| Mail City/State/Zip: | Not reported |
| Mail Country: | Not reported |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Lat/Long Location Descr: | Not reported |
| Lat/Long Method: | Not reported |
| Notes: | Not reported |
| Validation Report: | Not reported |

Chemical Inventory:

| | |
|---|---|
| Ave Amount: | 9000 |
| CFacilityRouteRecordId: | FATR20107215PZ015L5B |
| Chem Inv Record Id: | CVTR201072162M01NJUR |
| Chronic: | T |
| CICAS: | Not reported |
| CIEHS Chemical: | Not reported |
| Entered Chem Name: | Propane |
| Fire: | T |
| Gas: | T |
| Liquid: | T |
| Max Amount: | 18825 |
| Max Amt Container: | 3360 |
| Mixture: | T |
| Pressure: | T |
| Pure: | Not reported |
| Reactive: | Not reported |
| Solid: | Not reported |
| Date Last Modified: | 03/16/2011 |
| Acute: | T |
| Avg Amt Code: | 3 |
| Max Amt Code: | 4 |

| | |
|---|---|
| Report Year: | 2007 |
| Submitted By: | Not reported |
| Acute/Chronic: | Not reported |
| Average Amount: | Not reported |
| Record ID: | Not reported |
| Facility Router Record ID: | Not reported |
| Chemical Inventory Record ID: | Not reported |
| Chemical Same As Last Year: | Not reported |
| Chronic: | Not reported |
| CICAS: | Not reported |
| CI EHS Chemical: | Not reported |
| CI Last Modified: | Not reported |
| MSDS Number For Chemical: | Not reported |
| CI Notes: | Not reported |

**R. H. RENY, INC. (Continued)** **S108651967**

| | |
|---|---|
| Days On Site: | Not reported |
| Entered Chemical Name: | Not reported |
| Fire: | Not reported |
| Gas: | Not reported |
| Liquid: | Not reported |
| Maximum Amount: | Not reported |
| Maximum Amount Code: | Not reported |
| Maximum Amount Container: | Not reported |
| Mixture: | Not reported |
| Pressure: | Not reported |
| Pure: | Not reported |
| Reactive: | Not reported |
| Solid: | Not reported |
| Date Signed: | Not reported |
| Date TierII Received: | Not reported |
| Facility Dept: | Not reported |
| Facility Record Id: | FATR2007504HQZ00LMJG |
| Failed Validation: | Not reported |
| Facility Date Modified: | Not reported |
| Facility Mail Address: | 731 Route 1 |
| Mail City/State/Zip: | Newcastle, ME 4553 |
| Mail Country: | USA |
| Latitude: | Not reported |
| Longitude: | Not reported |
| Lat/Long Location Descr: | Not reported |
| Lat/Long Method: | Not reported |
| Notes: | Not reported |
| Validation Report: | Not reported |

Click this hyperlink while viewing on your computer to access additional ME_TIER2: detail in the EDR Site Report.

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**B8** **R.H. RENY** **RCRA-NonGen** **1010564496**
**East** **1D BELMONT AVE** **MER000506170**
**1/8-1/4** **BELFAST, ME 04915**
**0.247 mi.**
**1304 ft.** **Site 3 of 3 in cluster B**

**Relative:**
**Higher**

**Actual:**
**217 ft.**

RCRA-NonGen:

| | |
|---|---|
| Date form received by agency: | 10/16/2007 |
| Facility name: | R.H. RENY |
| Facility address: | 1D BELMONT AVE<br>BELFAST, ME 04915 |
| EPA ID: | MER000506170 |
| Mailing address: | BELMONT AVE<br>BELFAST, ME 04915 |
| Contact: | GERI BUFFINGTON |
| Contact address: | BELMONT AVE<br>BELFAST, ME 04915 |
| Contact country: | US |
| Contact telephone: | (207) 338-4588 |
| Contact email: | Not reported |
| EPA Region: | 01 |
| Classification: | Non-Generator |
| Description: | Handler: Non-Generators do not presently generate hazardous waste |

Owner/Operator Summary:

**R.H. RENY (Continued)** **1010564496**

| | |
|---|---|
| Owner/operator name: | R.H. RENY |
| Owner/operator address: | BELMONT AVE<br>BELFAST, ME 04915 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Operator |
| Owner/Op start date: | 01/02/1982 |
| Owner/Op end date: | Not reported |

| | |
|---|---|
| Owner/operator name: | R.H. RENY |
| Owner/operator address: | US ROUTE 1<br>NEWCASTLE, ME 04553 |
| Owner/operator country: | US |
| Owner/operator telephone: | Not reported |
| Legal status: | Private |
| Owner/Operator Type: | Owner |
| Owner/Op start date: | 01/02/1982 |
| Owner/Op end date: | Not reported |

Handler Activities Summary:

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

Violation Status: No violations found

---

**9** **TEXACO, XPRESS LUBE** **LAST** **S105795212**
**East** **35 STARRET DR.** **N/A**
**1/4-1/2** **BELFAST, ME**
**0.390 mi.**
**2057 ft.**

**Relative:**
**Higher**

**Actual:**
**202 ft.**

LAST:

Event:

| | |
|---|---|
| Spill Number: | A-585-2001 |
| Inc Tank Code: | A |
| Inc Tank: | Above Ground Tank(s) Involved |
| Removal Flag: | False |
| UST registered flag: | False |
| AST inside flag: | False |
| Create Date: | 12/07/2001 |
| Create By: | SPILLS |
| Modify Date: | 04/01/2002 |
| Modify By: | 04/01/2002 |
| Report Status Code: | FR |

**TEXACO, XPRESS LUBE (Continued)** **S105795212**

| | |
|---|---|
| Report Status: | Final Report |
| Spill Datetime: | 09/05/2001 |
| Spill Date Unknown: | False |
| Spill Time Unknown: | False |
| Number of wells at risk: | 0 |
| Number of wells impacted: | 0 |
| DTREE completed flag: | False |
| MCD Value: | 27010 |
| Further response action: | False |
| Spill Type Code: | I |
| Spill Type: | Non-Oil, Non-Hazardous Incident |
| Reporter Type Code: | 5 |
| Reporter Type: | Anonymous |
| Detection Method Code: | L |
| Detection Method: | Visual Product |
| Inc Location Code: | CM |
| Inc Location: | Business - Commercial |
| Inc Source Code: | NO |
| Inc Source: | No Source |
| Spill Cause Code: | 00 |
| Spill Cause: | Other - No Cause |
| Material Disposal Info: | Not reported |

Change:

| | |
|---|---|
| Description: | Report Created with Report Status = FR |
| Date Change: | 12/07/2001 |
| Changed By: | SPILLS |
| | |
| Description: | Not reported |
| Date Change: | 04/01/2002 |
| Changed By: | eipcolli |

Contact:

| | |
|---|---|
| Contact Type: | Subject/Spiller |
| Potential RP: | False |
| Name: | Not reported |
| Title: | Not reported |
| Company: | TEXACO, XPRESS LUBE |
| Address: | 35 STARRET DR. |
| City,State: | BELFAST,ME |
| Country: | Not reported |
| Zipcode: | 04915 |
| Phone/Ext: | / |
| Comments: | Not reported |

Primary Employee:

| | |
|---|---|
| Primary Employee: | True |
| Name: | THOMAS SMITH |

File:

| | |
|---|---|
| Spill Id: | A-585-2001 |
| Date Created: | 05/07/2002 |
| Created By: | EIMMASON |
| Date Modified: | 06/05/2009 |
| Modified By: | IMAGING |
| File Num Sheets: | 0 |

**TEXACO, XPRESS LUBE (Continued)** **S105795212**

Notes: Report scanned into the imaging system on 05-JUN-09.
Reconcile Date: 05/07/2002
File Reconciled By: Not reported

Media Affected:
Medium: Groundwater

Medium: Land

Log:
Spill Void Flag: False
Spill Office: Augusta
Spill Off Sequence: 585
Spill Year: 2001
Create Date: 12/07/2001
Created By: SPILLS
Modify Date: 12/07/2001
Modify By: SPILLS
Log Spill Type: Non-Oil, Non-Hazardous Incident
Log Spill Datetime: 09/05/2001
Spill Time Unk: False
Spill Dt Unknown: False
Log Rep Dt Tm: 09/05/2001
Log Rep Prod Cd: 81
Log Rep Prod: Waste Oil/Used Motor Oil
Log Emp Name: THOMAS SMITH
Location: Not reported
Log Location Town: BELFAST
Log Tank Involved: Above Ground Tank(s) Involved
Notes: Not reported

Material Recovered:
Material Recovered Type: NO
Material Recovered: None
Material Amount: 0
Material Units: gals.
Material Amt Qualifier: ACTUAL

Spill Point:
Create Date: Not reported
Created By: Not reported
Modify Date: Not reported
Modify By: Not reported
Point Type Code: Not reported
UTM North: Not reported
UTM East: Not reported
GPS Unit: Not reported
GPS Date: Not reported
GPS Time: Not reported
GIS Feature Class: Not reported
GIS Object Id: Not reported
GIS Sync Flag: Not reported

Recovery Method: None

**TEXACO, XPRESS LUBE (Continued)** **S105795212**

Product:
- Product Code: None
- Product Other: Not reported
- Product Amt: 0
- Product Amt Unit: gals.
- Product Amt Qualifier: ACTUAL
- Primary Product: True

Attachments:
- Description: Not reported
- Attach Type: Not reported
- File Name: Not reported
- File Code: Not reported
- File Size: Not reported
- File Modify Date: Not reported

---

**10 East 1/4-1/2 0.406 mi. 2143 ft.**

**C N BROWN STORE #1039** **LUST S105112357**
**268 MAIN STREET** **LAST N/A**
**BELFAST, ME** **SPILLS**

**Relative: Lower**

**Actual: 193 ft.**

LUST:

Event:
- Spill Number: A-88-2010
- Spill Cause: Other - Unknown
- Spill Type: Oil Incident
- Inc Tank: Underground Tank(s) Involved
- Removal Flag: False
- UST Registered Flag: True
- MCD Value: 27010
- Create Date: 02/18/2010
- Create By: EIEWERLY
- Modify Date: 10/05/2010
- Modify By: EIKWALKE
- Report Status: Final Report
- Actual Spill Datetime: Not reported
- Actual Spill Date Unknown: True
- Number Wells At Risk: 0
- Number Wells Impacted: 0
- Dtree Completed Flag: False
- Further Response Action: False
- Reporter Type: Contractor/Consultant
- Detection Method: Site Assessment
- Inc Location: Terminal - Service Station
- Inc Source: Storage Unit - Underground Storage Tank
- Material Disposal Info: Soil disposed of at Thibodeau's, Prospect

Change:
- Description: Report Created with Report Status = DR
- Date Change: 02/18/2010
- Changed By: EIEWERLY

- Description: Report Status change from DR to DRV
- Date Change: 10/05/2010
- Changed By: EIDDAVIS

**C N BROWN STORE #1039 (Continued)** **S105112357**

Description: Report Status change from DRV to DQA
Date Change: 10/05/2010
Changed By: EIPBLANC

Description: Report Status change from DQA to FR
Date Change: 10/05/2010
Changed By: EIKWALKE

Contact:
Contact Type: Subject/Spiller
Potential RP: True
Name: KEVIN MOORE
Title: Not reported
Company: CN BROWN
Address: PO BOX 200
City,State: SOUTH PARIS,ME
Country: USA
Zipcode: 04281
Phone/Ext: /
Comments: Not reported

Primary Employee:
Primary Employee: True
Name: DANIEL E DAVIS

Media Affected:
Medium: Land

Log:
Spill Void Flag: False
Spill Office: Augusta
Spill Off Sequence: 88
Spill Year: 2010
Create Date: 02/18/2010
Created By: EIEWERLY
Modify Date: 02/18/2010
Modify By: EIEWERLY
Log Spill Type: Oil Incident
Log Spill Datetime: Not reported
Spill Time Unk: True
Spill Dt Unknown: True
Log Rep Dt Tm: 02/10/2010
Log Rep Prod Cd: 20
Log Rep Prod: Gasoline Unspecified
Log Emp Name: DANIEL E DAVIS
Location: C.N. Brown station on Maine Street
Log Location Town: BELFAST
Log Tank Involved: Underground Tank(s) Involved
Notes: Contamination discovered during removal.

Material Recovered:
Material Recovered Type: CS
Material Recovered: Contaminated Soil
Material Amount: 249.5
Material Units: cu. yds.

**C N BROWN STORE #1039 (Continued)** **S105112357**

Material Amt Qualifier: ESTIMATE

Recovery Method: Excavation

Spill Point:
Create Date: Not reported
Created By: Not reported
Modify Date: Not reported
Modify By: Not reported
Point Type Code: Not reported
UTM North: Not reported
UTM East: Not reported
GPS Unit: Not reported
GPS Date: Not reported
GPS Time: Not reported
GIS Feature Class: Not reported
GIS Object Id: Not reported
GIS Sync Flag: Not reported

Product:
Product Code: Gasoline Unspecified
Product Other: Not reported
Product Amt: Not reported
Product Amt Unit: Not reported
Product Amt Qualifier: UNKNOWN
Primary Product: True

Attachments:
Description: spill debris letter
Attach Type: Paper Attach
File Name: Not reported
File Code: Not reported
File Size: Not reported
File Modify Date: 10/05/2010

Event:
Spill Number: A-499-2006
Spill Cause: Overfill
Spill Type: Oil Incident
Inc Tank: Underground Tank(s) Involved
Removal Flag: False
UST Registered Flag: True
MCD Value: 27010
Create Date: 09/11/2006
Create By: EIEWERLY
Modify Date: 10/05/2010
Modify By: EIKWALKE
Report Status: Final Report
Actual Spill Datetime: Not reported
Actual Spill Date Unknown: True
Number Wells At Risk: 0
Number Wells Impacted: 0
Dtree Completed Flag: False
Further Response Action: False

**C N BROWN STORE #1039 (Continued)** **S105112357**

Reporter Type: Public Official
Detection Method: Visual Product
Inc Location: Terminal - Service Station
Inc Source: Storage Unit - Underground Storage Tank
Material Disposal Info: Sorbents disposed of by the responsible party.

Change:
Description: Report Status change from DR to DRV
Date Change: 02/04/2009
Changed By: EIDDAVIS

Description: Report Created with Report Status = DR
Date Change: 09/11/2006
Changed By: EIEWERLY

Description: Report Status change from DQA to FR
Date Change: 10/05/2010
Changed By: EIKWALKE

Description: Report Status change from DRV to DQA
Date Change: 09/21/2010
Changed By: EIPBLANC

Contact:
Contact Type: Subject/Spiller
Potential RP: True
Name: Not reported
Title: Not reported
Company: ABENAQUI CARRIERS
Address: PO BOX 517 38B SOUTH RD.
City,State: NORTH HAMPTON,NH
Country: USA
Zipcode: 03862
Phone/Ext: /
Comments: Not reported

Primary Employee:
Primary Employee: False
Name: JUANITA A CONNER-EHIOROBO

Primary Employee: True
Name: DANIEL E DAVIS

Media Affected:
Medium: Land

Log:
Spill Void Flag: False
Spill Office: Augusta
Spill Off Sequence: 499
Spill Year: 2006
Create Date: 09/11/2006
Created By: EIEWERLY
Modify Date: 09/11/2006
Modify By: EIEWERLY
Log Spill Type: Oil Incident

**C N BROWN STORE #1039 (Continued)** **S105112357**

| | |
|---|---|
| Log Spill Datetime: | Not reported |
| Spill Time Unk: | True |
| Spill Dt Unknown: | True |
| Log Rep Dt Tm: | 05/29/2006 |
| Log Rep Prod Cd: | 20 |
| Log Rep Prod: | Gasoline Unspecified |
| Log Emp Name: | DANIEL E DAVIS |
| Location: | 268 Main Street Big Apple #1039 |
| Log Location Town: | BELFAST |
| Log Tank Involved: | Underground Tank(s) Involved |
| Notes: | 100 gallons to ground. |

Material Recovered:

| | |
|---|---|
| Material Recovered Type: | OM |
| Material Recovered: | Other Material |
| Material Amount: | Not reported |
| Material Units: | Not reported |
| Material Amt Qualifier: | UNKNOWN |
| Recovery Method: | Sorbents |

Spill Point:

| | |
|---|---|
| Create Date: | Not reported |
| Created By: | Not reported |
| Modify Date: | Not reported |
| Modify By: | Not reported |
| Point Type Code: | Not reported |
| UTM North: | Not reported |
| UTM East: | Not reported |
| GPS Unit: | Not reported |
| GPS Date: | Not reported |
| GPS Time: | Not reported |
| GIS Feature Class: | Not reported |
| GIS Object Id: | Not reported |
| GIS Sync Flag: | Not reported |

Product:

| | |
|---|---|
| Product Code: | Unleaded Gasoline |
| Product Other: | Not reported |
| Product Amt: | 100 |
| Product Amt Unit: | gals. |
| Product Amt Qualifier: | ESTIMATE |
| Primary Product: | True |

Attachments:

| | |
|---|---|
| Description: | Referral to JUANITA A CONNER-EHIOROBO |
| Attach Type: | Electronic Form |
| File Name: | Not reported |
| File Code: | Not reported |
| File Size: | Not reported |
| File Modify Date: | 09/21/2010 |

LAST:

**C N BROWN STORE #1039 (Continued)** **S105112357**

Event:

| | |
|---|---|
| Spill Number: | A-97-2003 |
| Inc Tank Code: | A |
| Inc Tank: | Above Ground Tank(s) Involved |
| Removal Flag: | False |
| UST registered flag: | True |
| AST inside flag: | False |
| Create Date: | 03/05/2003 |
| Create By: | EIDDAVIS |
| Modify Date: | 11/02/2004 |
| Modify By: | 11/02/2004 |
| Report Status Code: | FR |
| Report Status: | Final Report |
| Spill Datetime: | 03/03/2003 |
| Spill Date Unknown: | False |
| Spill Time Unknown: | False |
| Number of wells at risk: | 0 |
| Number of wells impacted: | 0 |
| DTREE completed flag: | False |
| MCD Value: | 27010 |
| Further response action: | False |
| Spill Type Code: | O |
| Spill Type: | Oil Incident |
| Reporter Type Code: | 2 |
| Reporter Type: | Subject/Spiller |
| Detection Method Code: | L |
| Detection Method: | Visual Product |
| Inc Location Code: | BP |
| Inc Location: | Terminal - Bulk Plant |
| Inc Source Code: | TA |
| Inc Source: | Storage Unit - Aboveground Storage Tank |
| Spill Cause Code: | 07 |
| Spill Cause: | Mechanical Failure - Valve |
| Material Disposal Info: | c.n.brown disposed of oily ice |

Change:

| | |
|---|---|
| Description: | Report Status change from DRV to DQA |
| Date Change: | 07/26/2004 |
| Changed By: | EIPBLANC |
| | |
| Description: | Report Created with Report Status = DR |
| Date Change: | 03/05/2003 |
| Changed By: | EIDDAVIS |
| | |
| Description: | Report Status change from DR to DRV |
| Date Change: | 03/05/2003 |
| Changed By: | EIDDAVIS |
| | |
| Description: | Report Status change from DQA to P |
| Date Change: | 09/30/2004 |
| Changed By: | EITGALLA |
| | |
| Description: | Report Status change from P to FR |
| Date Change: | 11/02/2004 |
| Changed By: | EITGALLA |

**C N BROWN STORE #1039 (Continued)** **S105112357**

Contact:
- Contact Type: Subject/Spiller
- Potential RP: True
- Name: Not reported
- Title: Not reported
- Company: C N BROWN
- Address: PO BOX 200 164 MAIN ST EXT
- City,State: SO PARIS,ME
- Country: USA
- Zipcode: 04281
- Phone/Ext: /
- Comments: Not reported

Primary Employee:
- Primary Employee: True
- Name: DANIEL E DAVIS

File:
- Spill Id: A-97-2003
- Date Created: 11/04/2004
- Created By: EIPLAMBE
- Date Modified: 02/18/2005
- Modified By: IMAGING
- File Num Sheets: 0
- Notes: Report scanned into the imaging system on 18-FEB-05.
- Reconcile Date: 11/04/2004
- File Reconciled By: Not reported

Media Affected:
- Medium: Engineered Containment

- Medium: Land

Log:
- Spill Void Flag: False
- Spill Office: Augusta
- Spill Off Sequence: 97
- Spill Year: 2003
- Create Date: 03/05/2003
- Created By: EIDDAVIS
- Modify Date: 03/05/2003
- Modify By: EIDDAVIS
- Log Spill Type: Oil Incident
- Log Spill Datetime: 03/03/2003
- Spill Time Unk: False
- Spill Dt Unknown: False
- Log Rep Dt Tm: 03/03/2003
- Log Rep Prod Cd: 01
- Log Rep Prod: #1 Fuel Oil - Kerosene
- Log Emp Name: DANIEL E DAVIS
- Location: 268 main st - Belfast heating oil office - C.N.Brown
- Log Location Town: BELFAST
- Log Tank Involved: Above Ground Tank(s) Involved
- Notes: 1 gal to containment and ice.

**C N BROWN STORE #1039 (Continued)** **S105112357**

Material Recovered:
- Material Recovered Type: MM
- Material Recovered: Mixed Liquid Media
- Material Amount: Not reported
- Material Units: Not reported
- Material Amt Qualifier: UNKNOWN

Spill Point:
- Create Date: Not reported
- Created By: Not reported
- Modify Date: Not reported
- Modify By: Not reported
- Point Type Code: Not reported
- UTM North: Not reported
- UTM East: Not reported
- GPS Unit: Not reported
- GPS Date: Not reported
- GPS Time: Not reported
- GIS Feature Class: Not reported
- GIS Object Id: Not reported
- GIS Sync Flag: Not reported

- Recovery Method: Excavation

Product:
- Product Code: #1 Fuel Oil - Kerosene
- Product Other: Not reported
- Product Amt: 1
- Product Amt Unit: gals.
- Product Amt Qualifier: ESTIMATE
- Primary Product: True

Attachments:
- Description: Not reported
- Attach Type: Not reported
- File Name: Not reported
- File Code: Not reported
- File Size: Not reported
- File Modify Date: Not reported

SPILLS:

Event:
- Spill Number: A-347-2009
- Inc Tank Code: N
- Inc Tank: None
- Removal Flag: False
- Ust Registered Flag: True
- Ast Inside Flag: False
- Create Date: 06/19/2009
- Create By: EIJFISH
- Modify Date: 10/28/2011
- Modify By: EIELEIGH
- Report Status: FR

**C N BROWN STORE #1039 (Continued)** **S105112357**

| | |
|---|---|
| Report Status: | Final Report |
| Actual Spill Datetime: | Not reported |
| Actual Spill Date Unknown: | True |
| Actual Spill Time Unknown: | True |
| Number Wells At Risk: | 0 |
| Number Wells Impacted: | 0 |
| Dtree Completed Flag: | False |
| MCD Value: | 27010 |
| Further Response Action: | False |
| Spill Type Code: | O |
| Spill Type: | Oil Incident |
| Reporter Type Code: | 6 |
| Reporter Type: | Contractor/Consultant |
| Detection Method Code: | L |
| Detection Method: | Visual Product |
| Inc Location Code: | CM |
| Inc Location: | Business - Commercial |
| Inc Source Code: | TX |
| Inc Source: | Storage Unit - Box or Other General Use Container |
| Spill Cause Code: | 20 |
| Spill Cause: | Discharge - Deliberate/Other |
| Material Disposal Info: | Disposal of soil by CN Brown with other oily waste stream. |

Change:

| | |
|---|---|
| Description: | Report Created with Report Status = DR |
| Date Change: | 06/19/2009 |
| Changed By: | EIJFISH |
| | |
| Description: | Report Status change from DR to DRV |
| Date Change: | 06/19/2009 |
| Changed By: | EIJFISH |
| | |
| Description: | Report Status change from DQA to FR |
| Date Change: | 10/28/2011 |
| Changed By: | EIELEIGH |
| | |
| Description: | Report Status change from DRV to DQA |
| Date Change: | 02/17/2011 |
| Changed By: | EIPBLANC |

Contact:

| | |
|---|---|
| Contact Type: | Subject/Spiller |
| Potential RP: | True |
| Name: | Not reported |
| Title: | Not reported |
| Company: | C N BROWN |
| Address: | PO BOX 200 164 MAIN ST EXT |
| City,State: | SO PARIS,ME |
| Country: | USA |
| Zipcode: | 04281 |
| Phone/Ext: | / |
| Comments: | Not reported |
| | |
| Contact Type: | Other Contact |
| Potential RP: | True |
| Name: | UKNOWN DUMPER |
| Title: | Not reported |

**C N BROWN STORE #1039 (Continued)** **S105112357**

| | |
|---|---|
| Company: | Not reported |
| Address: | Not reported |
| City,State: | ,ME |
| Country: | USA |
| Zipcode: | Not reported |
| Phone/Ext: | / |
| Comments: | Not reported |

Primary Employee:

| | |
|---|---|
| Primary Employee: | True |
| Name: | JASON A FISH |

Media Affected:

| | |
|---|---|
| Medium: | Land |

Log:

| | |
|---|---|
| Spill Void Flag: | False |
| Spill Office: | Augusta |
| Spill Off Sequence: | 347 |
| Spill Year: | 2009 |
| Create Date: | 06/19/2009 |
| Created By: | EIJFISH |
| Modify Date: | 06/19/2009 |
| Modify By: | EIJFISH |
| Log Spill Type: | Oil Incident |
| Log Spill Datetime: | Not reported |
| Spill Time Unk: | True |
| Spill Dt Unknown: | True |
| Log Rep Dt Tm: | 06/17/2009 |
| Log Rep Prod Cd: | 81 |
| Log Rep Prod: | Waste Oil/Used Motor Oil |
| Log Emp Name: | JASON A FISH |
| Location: | 268 Main Street Belfast |
| Log Location Town: | BELFAST |
| Log Tank Involved: | None |
| Notes: | 5 gallon pail of used motor oil accidentally tipped over. |

Material Recovered:

| | |
|---|---|
| Material Recovered Type: | OM |
| Material Recovered: | Other Material |
| Material Amount: | 80 |
| Material Units: | lbs. |
| Material Amt Qualifier: | ESTIMATE |
| | |
| Material Recovered Type: | CS |
| Material Recovered: | Contaminated Soil |
| Material Amount: | .5 |
| Material Units: | cu. yds. |
| Material Amt Qualifier: | ESTIMATE |
| | |
| Recovery Method: | Sorbents |
| | |
| Recovery Method: | Excavation |

**C N BROWN STORE #1039 (Continued)** **S105112357**

Spill Point:

| | |
|---|---|
| Create Date: | Not reported |
| Created By: | Not reported |
| Modify Date: | Not reported |
| Modify By: | Not reported |
| Point Type Code: | Not reported |
| UTM North: | Not reported |
| UTM East: | Not reported |
| GPS Unit: | Not reported |
| GPS Date: | Not reported |
| GPS Time: | Not reported |
| GIS Feature Class: | Not reported |
| GIS Object Id: | Not reported |
| GIS Sync Flag: | Not reported |

Product:

| | |
|---|---|
| Product Code: | Waste Oil/Used Motor Oil |
| Product Other: | Not reported |
| Product Amt: | 5 |
| Product Amt Unit: | gals. |
| Product Amt Qualifier: | ESTIMATE |
| Primary Product: | True |

Attachments:

| | |
|---|---|
| Description: | Not reported |
| Attach Type: | Not reported |
| File Name: | Not reported |
| File Code: | Not reported |
| File Size: | Not reported |
| File Modify Date: | Not reported |

Event:

| | |
|---|---|
| Spill Number: | A-139-2001 |
| Inc Tank Code: | Not reported |
| Inc Tank: | Not reported |
| Removal Flag: | Not reported |
| Ust Registered Flag: | Not reported |
| Ast Inside Flag: | Not reported |
| Create Date: | 12/07/2001 |
| Create By: | SPILLS |
| Modify Date: | 12/07/2001 |
| Modify By: | SPILLS |
| Report Status: | FR |
| Report Status: | Final Report |
| Actual Spill Datetime: | 03/15/2001 |
| Actual Spill Date Unknown: | False |
| Actual Spill Time Unknown: | False |
| Number Wells At Risk: | 0 |
| Number Wells Impacted: | 0 |
| Dtree Completed Flag: | False |
| MCD Value: | 27010 |
| Further Response Action: | False |
| Spill Type Code: | O |
| Spill Type: | Oil Incident |

**C N BROWN STORE #1039 (Continued)** **S105112357**

| | |
|---|---|
| Reporter Type Code: | 2 |
| Reporter Type: | Subject/Spiller |
| Detection Method Code: | L |
| Detection Method: | Visual Product |
| Inc Location Code: | RD |
| Inc Location: | Transportation - Road |
| Inc Source Code: | Not reported |
| Inc Source: | Not reported |
| Spill Cause Code: | 17 |
| Spill Cause: | Accident - Human Error |
| Material Disposal Info: | by oil co. staff |

Change:

| | |
|---|---|
| Description: | Report Created with Report Status = FR |
| Date Change: | 12/07/2001 |
| Changed By: | SPILLS |

Contact:

| | |
|---|---|
| Contact Type: | Subject/Spiller |
| Potential RP: | False |
| Name: | Not reported |
| Title: | Not reported |
| Company: | BELFAST OIL CO. |
| Address: | 268 MAIN ST. |
| City,State: | BELFAST,ME |
| Country: | Not reported |
| Zipcode: | Not reported |
| Phone/Ext: | / |
| Comments: | Not reported |

Primary Employee:

| | |
|---|---|
| Primary Employee: | True |
| Name: | JON ANDREWS |

File:

| | |
|---|---|
| Spill Id: | A-139-2001 |
| Date Created: | 05/29/2009 |
| Created By: | IMAGING |
| Date Modified: | 05/29/2009 |
| Modified By: | IMAGING |
| File Num Sheets: | 0 |
| Notes: | Report scanned into the imaging system on 29-MAY-09. |
| Reconcile Date: | Not reported |
| File Reconciled By: | Not reported |

Media Affected:

| | |
|---|---|
| Medium: | Land |

Log:

| | |
|---|---|
| Spill Void Flag: | False |
| Spill Office: | Augusta |
| Spill Off Sequence: | 139 |
| Spill Year: | 2001 |
| Create Date: | 12/07/2001 |
| Created By: | SPILLS |

**C N BROWN STORE #1039 (Continued)** **S105112357**

| | |
|---|---|
| Modify Date: | 12/07/2001 |
| Modify By: | SPILLS |
| Log Spill Type: | Oil Incident |
| Log Spill Datetime: | 03/15/2001 |
| Spill Time Unk: | False |
| Spill Dt Unknown: | False |
| Log Rep Dt Tm: | 03/15/2001 |
| Log Rep Prod Cd: | 02 |
| Log Rep Prod: | #2 Fuel Oil |
| Log Emp Name: | JON ANDREWS |
| Location: | Not reported |
| Log Location Town: | BELFAST |
| Log Tank Involved: | Unknown/Unspecified |
| Notes: | Not reported |

Material Recovered:

| | |
|---|---|
| Material Recovered Type: | MM |
| Material Recovered: | Mixed Liquid Media |
| Material Amount: | .2 |
| Material Units: | gals. |
| Material Amt Qualifier: | ACTUAL |
| Recovery Method: | Sorbents |

Spill Point:

| | |
|---|---|
| Create Date: | Not reported |
| Created By: | Not reported |
| Modify Date: | Not reported |
| Modify By: | Not reported |
| Point Type Code: | Not reported |
| UTM North: | Not reported |
| UTM East: | Not reported |
| GPS Unit: | Not reported |
| GPS Date: | Not reported |
| GPS Time: | Not reported |
| GIS Feature Class: | Not reported |
| GIS Object Id: | Not reported |
| GIS Sync Flag: | Not reported |

Product:

| | |
|---|---|
| Product Code: | #2 Fuel Oil |
| Product Other: | Not reported |
| Product Amt: | .2 |
| Product Amt Unit: | gals. |
| Product Amt Qualifier: | ACTUAL |
| Primary Product: | False |

Attachments:

| | |
|---|---|
| Description: | Not reported |
| Attach Type: | Not reported |
| File Name: | Not reported |
| File Code: | Not reported |
| File Size: | Not reported |
| File Modify Date: | Not reported |

**11**
**East**
**1/4-1/2**
**0.435 mi.**
**2299 ft.**

**MARITIME FARMS**
**262 MAIN STREET**
**BELFAST, ME**

**LUST** **S110648138**
**N/A**

**Relative:**
**Lower**

**Actual:**
**193 ft.**

LUST:

Event:

| | |
|---|---|
| Spill Number: | A-485-2006 |
| Spill Cause: | Accident - Poor Workmanship |
| Spill Type: | Oil Incident |
| Inc Tank: | Underground Tank(s) Involved |
| Removal Flag: | False |
| UST Registered Flag: | True |
| MCD Value: | 27010 |
| Create Date: | 08/29/2006 |
| Create By: | EIEWERLY |
| Modify Date: | 10/07/2010 |
| Modify By: | EIKWALKE |
| Report Status: | Final Report |
| Actual Spill Datetime: | Not reported |
| Actual Spill Date Unknown: | True |
| Number Wells At Risk: | 0 |
| Number Wells Impacted: | 0 |
| Dtree Completed Flag: | False |
| Further Response Action: | False |
| Reporter Type: | Citizen Complaint |
| Detection Method: | Other |
| Inc Location: | Terminal - Service Station |
| Inc Source: | Storage Unit - Underground Storage Tank |
| Material Disposal Info: | Soils to Thibodeau's, water to Clean Harbors |

Change:

| | |
|---|---|
| Description: | Report Status change from DR to DRV |
| Date Change: | 02/04/2009 |
| Changed By: | EIDDAVIS |
| Description: | Report Created with Report Status = DR |
| Date Change: | 08/29/2006 |
| Changed By: | EIEWERLY |
| Description: | Report Status change from DQA to FR |
| Date Change: | 10/07/2010 |
| Changed By: | EIKWALKE |
| Description: | Report Status change from DRV to DQA |
| Date Change: | 09/21/2010 |
| Changed By: | EIPBLANC |

Contact:

| | |
|---|---|
| Contact Type: | Subject/Spiller |
| Potential RP: | True |
| Name: | Not reported |
| Title: | Not reported |
| Company: | MARITIME ENERGY |
| Address: | PO BOX 485 234 PARK STREET |
| City,State: | ROCKLAND,ME |
| Country: | USA |
| Zipcode: | 04841-0485 |

**MARITIME FARMS (Continued)** **S110648138**

Phone/Ext: /
Comments: Not reported

Primary Employee:
Primary Employee: True
Name: DANIEL E DAVIS

Media Affected:
Medium: Land

Log:
Spill Void Flag: False
Spill Office: Augusta
Spill Off Sequence: 485
Spill Year: 2006
Create Date: 08/29/2006
Created By: EIEWERLY
Modify Date: 08/29/2006
Modify By: EIEWERLY
Log Spill Type: Oil Incident
Log Spill Datetime: Not reported
Spill Time Unk: True
Spill Dt Unknown: True
Log Rep Dt Tm: 08/20/2006
Log Rep Prod Cd: 20
Log Rep Prod: Gasoline Unspecified
Log Emp Name: DANIEL E DAVIS
Location: Maritime Energy 51
Log Location Town: BELFAST
Log Tank Involved: Underground Tank(s) Involved
Notes: UST

Material Recovered:
Material Recovered Type: MM
Material Recovered: Mixed Liquid Media
Material Amount: 83422
Material Units: gals.
Material Amt Qualifier: ESTIMATE

Material Recovered Type: CS
Material Recovered: Contaminated Soil
Material Amount: 279
Material Units: cu. yds.
Material Amt Qualifier: ESTIMATE

Recovery Method: Pumps

Recovery Method: Excavation

Spill Point:
Create Date: 9/10/2008
Created By: EICHALST
Modify Date: 7/15/2009
Modify By: EICHALST
Point Type Code: ASP

**MARITIME FARMS (Continued)** **S110648138**

UTM North: 4918945.0700000003
UTM East: 498502.01000000001
GPS Unit: TANKS
GPS Date: Not reported
GPS Time: Not reported
GIS Feature Class: Response_Spill_Points
GIS Object Id: 11685
GIS Sync Flag: True

Product:
Product Code: Gasoline Unspecified
Product Other: Not reported
Product Amt: Not reported
Product Amt Unit: Not reported
Product Amt Qualifier: UNKNOWN
Primary Product: True

Attachments:
Description: soil letter
Attach Type: Paper Attach
File Name: Not reported
File Code: Not reported
File Size: Not reported
File Modify Date: 08/20/2008

Description: clean up action agreement
Attach Type: Paper Attach
File Name: Not reported
File Code: Not reported
File Size: Not reported
File Modify Date: 08/20/2008

Description: decision tree
Attach Type: Paper Attach
File Name: Not reported
File Code: Not reported
File Size: Not reported
File Modify Date: 08/20/2008

---

**12**
**East**
**1/4-1/2**
**0.473 mi.**
**2498 ft.**

**Relative: Higher**

**Actual: 200 ft.**

**BELFAST RITE AID** **ALLSITES** **S106615670**
**MAIN STREET/ROUTE 3** **INST CONTROL** **N/A**
**BELFAST, ME** **VCP**

ALLSITES:
Status: NO FURTHER ACTION
Program Type: VRAP
Lat/Long: 44.423755 / -69.017895
IC: TRUE

INST CONTROL:
Facility ID: REM00974
Facility Status: NO FURTHER ACTION
Program Type: VRAP

**BELFAST RITE AID (Continued)** **S106615670**

Lat/Long: 44.423755 / -69.017895
Inst Controls: TRUE

VCP:
Facility ID: REM00974
Facility status: NO FURTHER ACTION
Program Type: VRAP
Lat/Long: 44.423755 / -69.017895
Inst Controls: TRUE

---

**13**
**WSW**
**1/4-1/2**
**0.479 mi.**
**2530 ft.**

**Relative:**
**Higher**

**Actual:**
**236 ft.**

**TOURMALINE PROPERTY** **ALLSITES** **S105577091**
**BELMONT AVENUE** **INST CONTROL** **N/A**
**BELFAST, ME** **VCP**

ALLSITES:
Status: NO FURTHER ACTION
Program Type: VRAP
Lat/Long: 44.419204 / -69.035511
IC: TRUE

INST CONTROL:
Facility ID: REM00976
Facility Status: NO FURTHER ACTION
Program Type: VRAP
Lat/Long: 44.419204 / -69.035511
Inst Controls: TRUE

VCP:
Facility ID: REM00976
Facility status: NO FURTHER ACTION
Program Type: VRAP
Lat/Long: 44.419204 / -69.035511
Inst Controls: TRUE

Count: 35 records. ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| BELFAST | U003560179 | ELDON & ANNA ORCHARD | RT 1 | | UST |
| BELFAST | U000248408 | BELFAST MOTOR INN | RT 1 | | UST |
| BELFAST | S107026748 | BIG APPLE BELFAST | RT 1 | | LUST |
| BELFAST | U003560312 | 7 ELEVEN 32550 | RT 1 | | UST |
| BELFAST | S107554340 | BELFAST BIG APPLE | RT 1 | | LUST |
| BELFAST | S105109742 | ME ARMY NATIONAL GUARD | RT 1 | | LAST, SPILLS |
| BELFAST | S106795357 | C.N. BROWN / BIG APPLE | RT 1 | | LUST |
| BELFAST | A100166093 | COMMUNITY FUELS INC TANK FARM | RT 1 | | AST |
| BELFAST | A100166113 | MILITARY BUREAU BELFAST | RT 1 | | AST |
| BELFAST | U000239318 | FEDERAL COMMUNICATIONS COMM | RT 137 | | UST |
| BELFAST | U000232269 | BROWN, DOUGLAS G | RT 137 | | UST |
| BELFAST | S106795858 | NICKERSON'S EXXON | RT 3 | | LUST |
| BELFAST | S106793496 | (FORMER) MULLENS COUNTRY STORE | RT 3 | | LUST |
| BELFAST | S105002998 | BOYNTON OIL | RT 3 | | LAST |
| BELFAST | S105000332 | DEAD RIVER CO. | RT 3 | | LAST |
| BELFAST | S104222700 | STATE SAND AND GRAVEL | RT 3 | | LAST |
| BELFAST | A100193669 | RENY'S BELFAST | RT 3 | | AST |
| BELFAST | A100112906 | DR DEAD RIVER BELFAST | RT 3 | | AST |
| BELFAST | U003097465 | MARITIME FARMS 51 | RT 3 | | UST, AST |
| BELFAST | S106791181 | BOWEN, MIKE AND WENDY/BOWEN STORE | RT 7 & RT | | LUST |
| BELFAST | S105000664 | BOGEUN, RED | RT 7 | | LAST |
| BELFAST | S110075437 | NICKERSONS EXXON | 678 BELMONT AVE | 04915 | UIC |
| BELFAST | S104219168 | C N BROWN; BELFAST HEATING OIL OFF | BELMONT AVE | 04915 | LAST |
| BELFAST | A100193480 | CNB 3048 BELFAST HEATING OIL | BELMONT AVE | 04915 | AST |
| BELFAST | A100150196 | BOYNTON OIL INC | BELMONT AVE | 04915 | AST |
| BELFAST | S106674413 | BELFAST TEXACO - WEBBER OIL CO. | BELMONT AVE | 04915 | LUST |
| BELFAST | S106789060 | BELFAST TEXACO; WEBBER OIL CO. | BELMONT AVE | 04915 | LUST |
| BELFAST | S106788085 | MARITIME ENERGY | BELMONT AVE | 04915 | LUST |
| BELFAST | S104221794 | C.N. BROWN | INT & RT 3 | | LAST |
| BELFAST | S106788918 | SAMPSON SUPERMARKET BELFAST PLAZA | MAIN ST | | LUST |
| BELFAST | S105110645 | HALL HARDWARE | RT ONE | | LAST |
| BELFAST | S110310125 | BELFAST LANDFILL | PITCHER RD | | SWF/LF |
| BELFAST | 1001488086 | CHRISTYS 32550 | US RTE 1 SEARSPORT AVE | 04915 | RCRA-SQG, FINDS |
| BELFAST | A100357893 | BANK OF AMERICA BELFAST | 21 SCHOODIC RD | | AST |
| BELFAST | S108051975 | BELFAST ARMORY | USHY 1 | | LAST |

# 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: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
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: 09/07/2011
Date Data Arrived at EDR: 10/12/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 141

Source: EPA
Telephone: N/A
Last EDR Contact: 03/15/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

***Federal CERCLIS list***

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

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

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/13/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Varies

***Federal CERCLIS NFRAP site List***

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Quarterly

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

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

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

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

***Federal ERNS list***

ERNS: Emergency Response Notification System

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

Date of Government Version: 10/03/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Annually

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

SHWS: Remediation Sites List

Uncontrolled Sites locations included in the Remediation Sites List.

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 02/01/2012
Date Made Active in Reports: 03/07/2012
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 207-287-4850
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Semi-Annually

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

SWF/LF: Solid Waste Facility List

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

Date of Government Version: 02/13/2012
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 03/08/2012
Number of Days to Update: 23

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 02/13/2012
Next Scheduled EDR Contact: 05/28/2012
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
Date Data Arrived at EDR: 11/15/2011
Date Made Active in Reports: 11/30/2011
Number of Days to Update: 15

Source: Department of Environmental Protection
Telephone: 207-287-8552
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Varies

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

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

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

Date of Government Version: 02/04/2012
Date Data Arrived at EDR: 02/08/2012
Date Made Active in Reports: 03/07/2012
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 02/08/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

LAST: HOSS Database

A listing of leaking aboveground storage tanks.

Date of Government Version: 02/04/2012
Date Data Arrived at EDR: 02/08/2012
Date Made Active in Reports: 03/07/2012
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 02/08/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

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

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
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: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/07/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

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

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

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/08/2012
Number of Days to Update: 17

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

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

Source: Maine Emergency Management Agency
Telephone: 207-626-4503
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

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

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

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

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

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

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/02/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 7

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/01/2011
Date Data Arrived at EDR: 11/21/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 50

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 07/01/2011
Date Data Arrived at EDR: 08/26/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 18

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
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: 01/16/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

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

INST CONTROL: Remediation Sites List

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

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 02/01/2012
Date Made Active in Reports: 03/07/2012
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Semi-Annually

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

VCP: Remediation Sites List

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

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 02/01/2012
Date Made Active in Reports: 03/07/2012
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 207-287-4854
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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: 08/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/06/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

***State and tribal Brownfields sites***

BROWNFIELDS: Remediation Sites List
Brownfields site locations included in the Remediation Sites List. Brownfields are "Real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant".

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 02/01/2012
Date Made Active in Reports: 03/07/2012
Number of Days to Update: 35
Source: Department of Environmental Protection
Telephone: 207-287-7716
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Varies

**ADDITIONAL ENVIRONMENTAL RECORDS**

***Local Brownfield lists***

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

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of municial colletcion 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: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
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: 02/06/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

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

US CDL: Clandestine Drug Labs

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

Date of Government Version: 10/07/2011
Date Data Arrived at EDR: 12/09/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 32

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/06/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Quarterly

ALLSITES: Remediation Sites List

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

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 02/01/2012
Date Made Active in Reports: 03/07/2012
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 207-287-4850
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Quarterly

DEL HWS: Sites Removed from the Uncontrolled Sites List

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

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 02/01/2012
Date Made Active in Reports: 03/07/2012
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 01/24/2012
Next Scheduled EDR Contact: 05/07/2012
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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

***Local Land Records***

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 09/09/2011
Date Data Arrived at EDR: 09/16/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

LIENS: Environmental Liens Information Listing

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

Date of Government Version: 02/02/2012
Date Data Arrived at EDR: 02/03/2012
Date Made Active in Reports: 02/22/2012
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

***Records of Emergency Release Reports***

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
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: 02/04/2012
Date Data Arrived at EDR: 02/08/2012
Date Made Active in Reports: 03/07/2012
Number of Days to Update: 28
Source: Department of Environmental Protection
Telephone: 207-287-2651
Last EDR Contact: 02/08/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Quarterly

***Other Ascertainable Records***

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

Date of Government Version: 11/10/2011
Date Data Arrived at EDR: 01/05/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 67
Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 01/05/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/07/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Varies

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

Date of Government Version: 12/31/2005
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: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

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

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 36
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/27/2011
Next Scheduled EDR Contact: 04/16/2012
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: 09/28/2011
Date Data Arrived at EDR: 12/14/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 27

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/14/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
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: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/07/2012
Next Scheduled EDR Contact: 06/18/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/28/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006
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: 12/27/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009
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: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
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: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Quarterly

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

Date of Government Version: 10/19/2006
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: 01/30/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Annually

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

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/12/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/12/2012
Next Scheduled EDR Contact: 04/23/2012
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (617) 918-1111
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62
Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Biennially

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: 08/22/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/06/2011
Number of Days to Update: 44
Source: Department of Environmental Protection
Telephone: 207-791-8110
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Varies

NPDES: Wastewater Facilities Listing

A listing of wastewater facility locations.

Date of Government Version: 01/03/2012
Date Data Arrived at EDR: 01/03/2012
Date Made Active in Reports: 01/23/2012
Number of Days to Update: 20
Source: Department of Environmental Protection
Telephone: 207-287-3901
Last EDR Contact: 01/03/2012
Next Scheduled EDR Contact: 04/16/2012
Data Release Frequency: Quarterly

DRYCLEANERS: Drycleaner Facilities

A listing of drycleaning facilities that use perchloroethylene.

Date of Government Version: 11/29/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 12/21/2011
Number of Days to Update: 22
Source: Department of Environmental Protection
Telephone: 207-287-7030
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 05/28/2012
Data Release Frequency: Varies

AIRS: Emissions Inventory Data

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

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 03/23/2011
Date Made Active in Reports: 04/18/2011
Number of Days to Update: 26
Source: Department of Environmental Protection
Telephone: 207-287-7036
Last EDR Contact: 03/21/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

TIER 2: Tier 2 Information Listing

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

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 09/20/2011
Date Made Active in Reports: 10/05/2011
Number of Days to Update: 15
Source: Maine Emergency Management Agency
Telephone: 207-624-4441
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations

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

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: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2012
Next Scheduled EDR Contact: 05/07/2012
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: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

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

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

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/03/2012
Next Scheduled EDR Contact: 05/14/2012
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

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

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/18/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Varies

**EDR PROPRIETARY RECORDS**

***EDR Proprietary Records***

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

**OTHER DATABASE(S)**

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/15/2012
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/20/2012
Next Scheduled EDR Contact: 06/04/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/20/2012
Next Scheduled EDR Contact: 04/30/2012
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

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

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/09/2012
Next Scheduled EDR Contact: 05/21/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

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

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

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 12/02/2011
Date Made Active in Reports: 01/11/2012
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/23/2012
Next Scheduled EDR Contact: 05/07/2012
Data Release Frequency: Annually

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

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

State Wetlands Data: Wetlands Inventory
Source: Office of Geographic Information Systems
Telephone: 207-287-6144

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

**STREET AND ADDRESS INFORMATION**

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# GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

**TARGET PROPERTY ADDRESS**

FORMER EXXON
29 BELMONT AVENUE
BELFAST, ME 04915

**TARGET PROPERTY COORDINATES**

| | |
|---|---|
| Latitude (North): | 44.423 - 44° 25' 22.80'' |
| Longitude (West): | 69.0274 - 69° 1' 38.64'' |
| Universal Tranverse Mercator: | Zone 19 |
| UTM X (Meters): | 497818.8 |
| UTM Y (Meters): | 4918640.0 |
| Elevation: | 199 ft. above sea level |

**USGS TOPOGRAPHIC MAP**

| | |
|---|---|
| Target Property Map: | 44069-D1 BELFAST, ME |
| Most Recent Revision: | 1979 |

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).

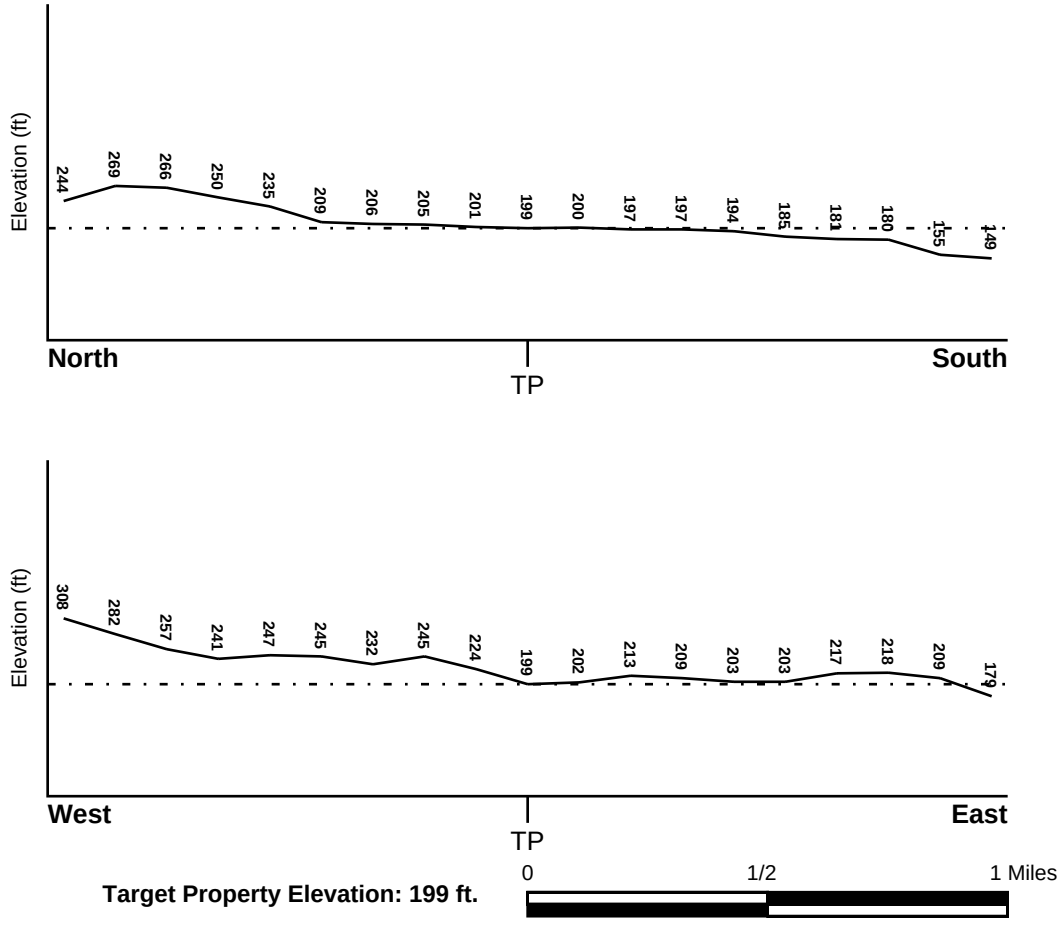
**TOPOGRAPHIC INFORMATION**

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 ESE

**SURROUNDING TOPOGRAPHY: ELEVATION PROFILES**




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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**HYDROLOGIC INFORMATION**

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

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

**FEMA FLOOD ZONE**

| Target Property County | FEMA Flood Electronic Data |
|---|---|
| WALDO, ME | YES - refer to the Overview Map and Detail Map |

| | |
|---|---|
| Flood Plain Panel at Target Property: | 2301290005B - FEMA Q3 Flood data |
| Additional Panels in search area: | 2301290006B - FEMA Q3 Flood data<br>2301290008B - FEMA Q3 Flood data<br>2301290016B - FEMA Q3 Flood data<br>2301290015B - FEMA Q3 Flood data |

**NATIONAL WETLAND INVENTORY**

| NWI Quad at Target Property | NWI Electronic Data Coverage |
|---|---|
| BELFAST | YES - refer to the Overview Map and Detail Map |

**HYDROGEOLOGIC INFORMATION**

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

**AQUIFLOW®**

Search Radius: 1.000 Mile.

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

| MAP ID | LOCATION FROM TP | GENERAL DIRECTION GROUNDWATER FLOW |
|---|---|---|
| Not Reported | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**GROUNDWATER FLOW VELOCITY INFORMATION**

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

**GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

**ROCK STRATIGRAPHIC UNIT**

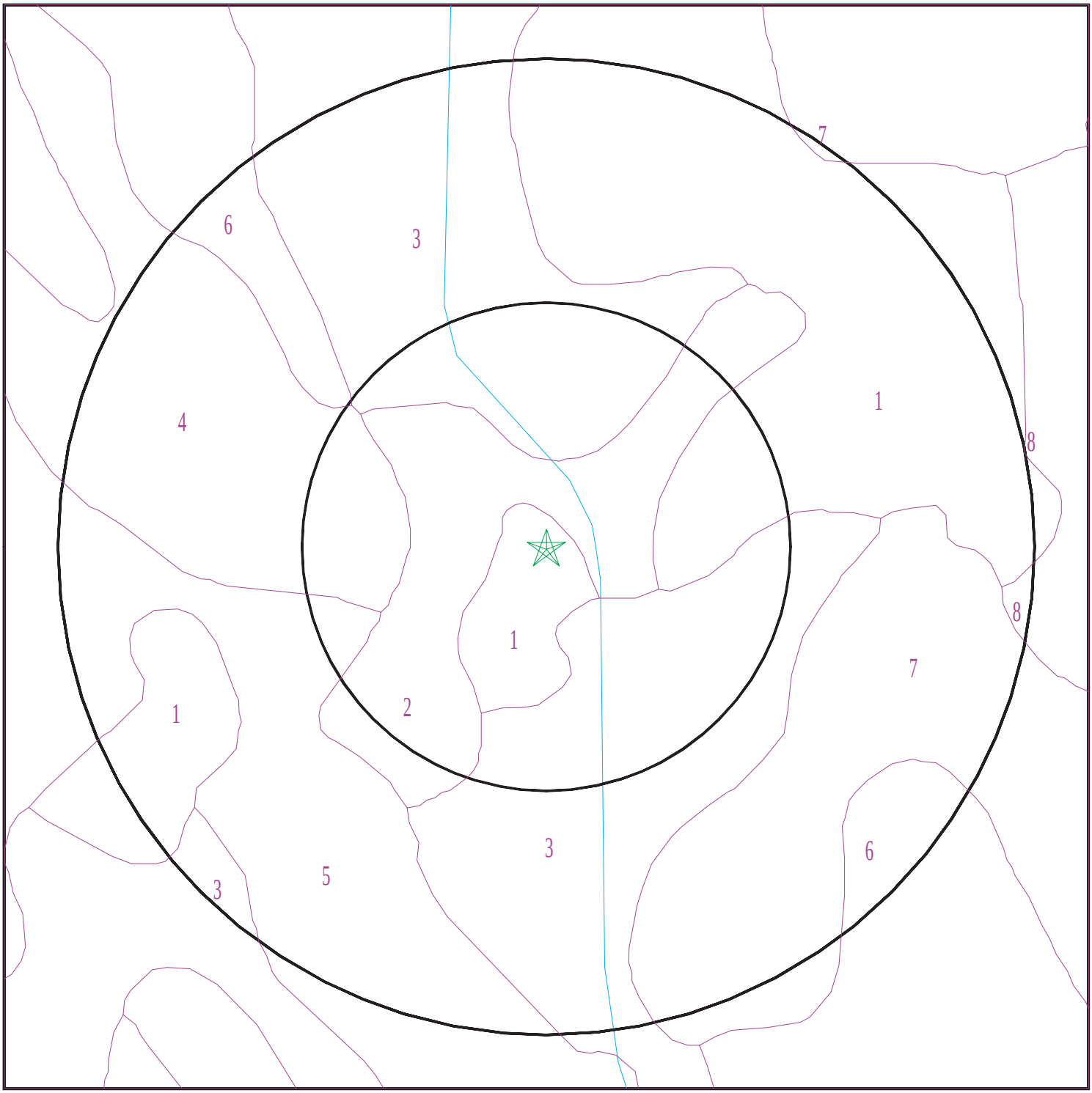
| | |
|---|---|
| Era: | Paleozoic |
| System: | Ordovician |
| Series: | Ordovician |
| Code: | Oe *(decoded above as Era, System & Series)* |

**GEOLOGIC AGE IDENTIFICATION**

Category: Eugeosynclinal Deposits

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

# SSURGO SOIL MAP - 3288897.2s




Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

| | | | |
|---|---|---|---|
| SITE NAME: | Former Exxon | CLIENT: | Ransom Env. Consultants, Inc. |
| ADDRESS: | 29 Belmont Avenue<br>Belfast ME 04915 | CONTACT: | Erik Phenix |
| LAT/LONG: | 44.423 / 69.0274 | INQUIRY #: | 3288897.2s |
| | | DATE: | March 26, 2012 11:46 am |

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

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**Soil Map ID: 2**

Soil Component Name: BOOTHBAY

Soil Surface Texture: silt loam

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

Soil Drainage Class: Somewhat poorly drained

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

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

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**Soil Map ID: 3**

Soil Component Name: SWANVILLE

Soil Surface Texture: silt loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

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**Soil Map ID: 4**

Soil Component Name: PERU

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

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**Soil Map ID: 5**

Soil Component Name: PERU

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

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**Soil Map ID: 6**

Soil Component Name: PERU

Soil Surface Texture: very stony fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

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**Soil Map ID: 7**

Soil Component Name: PERU

Soil Surface Texture: very stony fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

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**Soil Map ID: 8**

Soil Component Name: BRAYTON

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | Saturated hydraulic conductivity micro m/sec | Soil Reaction (pH) |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | | |
| 1 | 0 inches | 7 inches | fine sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 4.23<br>Min: 0.42 | Max: 7.3<br>Min: 5.6 |
| 2 | 7 inches | 18 inches | gravelly sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 4.23<br>Min: 0.42 | Max: 7.3<br>Min: 5.6 |
| 3 | 18 inches | 59 inches | gravelly fine sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 4.23<br>Min: 0.42 | Max: 7.3<br>Min: 5.6 |

**LOCAL / REGIONAL WATER AGENCY RECORDS**

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

**WELL SEARCH DISTANCE INFORMATION**

| DATABASE | SEARCH DISTANCE (miles) |
|---|---|
| Federal USGS | 1.000 |
| Federal FRDS PWS | Nearest PWS within 1 mile |
| State Database | 1.000 |

**FEDERAL USGS WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No Wells Found | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|

No PWS System Found

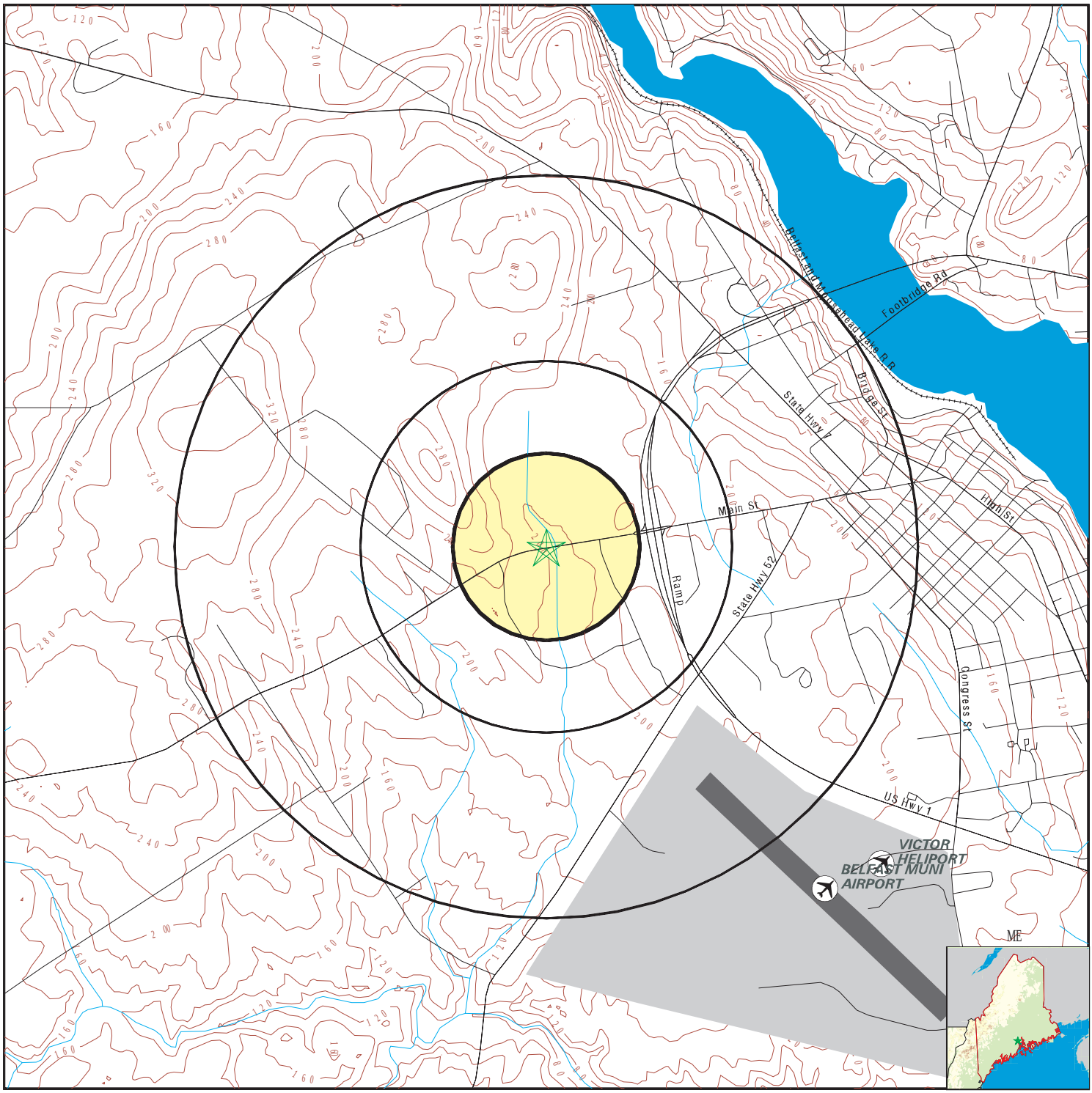
Note: PWS System location is not always the same as well location.

**STATE DATABASE WELL INFORMATION**

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|

No Wells Found

# PHYSICAL SETTING SOURCE MAP - 3288897.2s




- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

| | | | |
|---|---|---|---|
| SITE NAME: | Former Exxon | CLIENT: | Ransom Env. Consultants, Inc. |
| ADDRESS: | 29 Belmont Avenue<br>Belfast ME 04915 | CONTACT: | Erik Phenix |
| | | INQUIRY #: | 3288897.2s |
| LAT/LONG: | 44.423 / 69.0274 | DATE: | March 26, 2012 11:46 am |

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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
# RADON

**AREA RADON INFORMATION**

State Database: ME Radon

Radon Test Results

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

Federal EPA Radon Zone for WALDO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for Zip Code: 04915

Number of sites tested: 2

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

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

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

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

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

State Wetlands Data: Wetlands Inventory
Source: Office of Geographic Information Systems
Telephone: 207-287-6144

## HYDROGEOLOGIC INFORMATION

AQUIFLOW$^{R}$ 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.

STATE RECORDS

Public Water Supply Wells Database
Source: Department of Human Services, Drinking Water Program
Telephone: 207-287-6196
There are 3 types of public water systems in Maine: Transient Systems; Community Systems and Non-transient Non-community Systems

## OTHER STATE DATABASE INFORMATION

RADON

Maine Radon Test Results
Source: Department of Human Services
Telephone: 207-287-5698
The state of Maine Radiation Control Program's - Radon/Indor Air Quality Section's position on radon map, is that they should be used neither to predict the presence of high nor low values in any given geographic or geologic area. The only conclusion that should be drawn from this data is that radon in omnipresent in the soil gasses in the state of Maine, and therefore all residences and buildings that come in contact with the ground should be tested for radon.

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

**STREET AND ADDRESS INFORMATION**

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**NICKERSONS EXXON**
678 BELMONT AVE
BELFAST, ME

Inquiry Number:
April 5, 2012

# EDR Site Report™

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

# TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

**Section 1: Facility Summary . . . . . Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

**Section 2: Facility Detail Reports . . . . . Page 4**

All available detailed information from databases where sites are identified.

**Section 3: Databases and Update Information. . . . . Page 5**

Name, source, update dates, contact phone number and description of each of the databases for this report.

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

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# SECTION 1: FACILITY SUMMARY

| FACILITY<br><br>AREA | FACILITY 1<br>**NICKERSONS EXXON**<br>678 BELMONT AVE<br>BELFAST, ME<br>EDR ID #S110075437 |
|---|---|
| **WASTE MANAGEMENT**<br>Facility generates hazardous waste (RCRA) | NO |
| Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF) | NO |
| Facility has received Notices of Violations (RCRA/VIOL) | NO |
| Facility has been subject to RCRA administrative actions (RAATS) | NO |
| Facility has been subject to corrective actions (CORRACTS) | NO |
| Facility handles PCBs (PADS) | NO |
| Facility uses radioactive materials (MLTS) | NO |
| Facility manages registered aboveground storage tanks (AST) | NO |
| Facility manages registered underground storage tanks (UST) | NO |
| Facility has reported leaking underground storage tank incidents (LUST) | NO |
| Facility has reported emergency releases to the soil (ERNS) | NO |
| Facility has reported hazardous material incidents to DOT (HMIRS) | NO |
| **WASTE DISPOSAL**<br>Facility is a Superfund Site (NPL) | NO |
| Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS) | NO |
| Facility has a reported Superfund Lien on it (LIENS) | NO |
| Facility is listed as a state hazardous waste site (SHWS) | NO |
| Facility has disposed of solid waste on-site (SWF/LF) | NO |
| **MULTIMEDIA**<br>Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS) | NO |
| Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS) | NO |
| Facility manufactures or imports toxic chemicals on the TSCA list (TSCA) | NO |
| Facility has inspections under FIFRA, TSCA or EPCRA (FTTS) | NO |
| Facility is listed in EPA's index system (FINDS) | NO |
| Facility is listed in a county/local unique database (LOCAL) | **YES - p4** |
| **POTENTIAL SUPERFUND LIABILITY**<br>Facility has a list of potentially responsible parties PRP | NO |
| **TOTAL (YES)** | 1 |

# SECTION 2: FACILITY DETAIL REPORTS

**MULTIMEDIA**

**Facility is listed in a county/local unique database**

**DATABASE: State/County (LOCAL)**

NICKERSONS EXXON
678 BELMONT AVE
BELFAST, ME
EDR ID #S110075437

UIC:

| | |
|---|---|
| Site Id: | 100103 |
| Village: | BELFAST |
| Floor Drains: | YES |
| Active Drains: | NO |
| Business Status: | Unknown |
| Discharge Point: | NOT IN USE |
| Corrective Action: | SEALED |
| Business Type: | GAS/SERVICE STATION |
| Phone Number: | 2073384554 |

| | |
|---|---|
| Site Id: | 100103 |
| Village: | BELFAST |
| Floor Drains: | YES |
| Active Drains: | NO |
| Business Status: | Unknown |
| Discharge Point: | NOT IN USE |
| Corrective Action: | SEALED |
| Business Type: | GAS/SERVICE STATION |
| Phone Number: | 2073384554 |

# SECTION 3: DATABASES AND UPDATE DATES

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

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

## DATABASES FOUND IN THIS REPORT

**ME UIC: Underground Injection Control**
Source: Department of Environmental Protection
Telephone: 207-791-8110
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: 08/22/2011
Database Release Frequency: Varies
Date of Last EDR Contact: 04/02/2012
Date of Next Scheduled Update: 06/04/2012

**BOYNTON OIL**
RT 3
BELFAST, ME

Inquiry Number:
April 6, 2012

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# SECTION 1: FACILITY SUMMARY

| FACILITY<br><br>AREA | FACILITY 1<br>**BOYNTON OIL**<br>RT 3<br>BELFAST, ME<br>EDR ID #S105002998 |
|---|---|
| **WASTE MANAGEMENT**<br>Facility generates hazardous waste (RCRA) | NO |
| Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF) | NO |
| Facility has received Notices of Violations (RCRA/VIOL) | NO |
| Facility has been subject to RCRA administrative actions (RAATS) | NO |
| Facility has been subject to corrective actions (CORRACTS) | NO |
| Facility handles PCBs (PADS) | NO |
| Facility uses radioactive materials (MLTS) | NO |
| Facility manages registered aboveground storage tanks (AST) | NO |
| Facility manages registered underground storage tanks (UST) | NO |
| Facility has reported leaking underground storage tank incidents (LUST) | NO |
| Facility has reported emergency releases to the soil (ERNS) | NO |
| Facility has reported hazardous material incidents to DOT (HMIRS) | NO |
| **WASTE DISPOSAL**<br>Facility is a Superfund Site (NPL) | NO |
| Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS) | NO |
| Facility has a reported Superfund Lien on it (LIENS) | NO |
| Facility is listed as a state hazardous waste site (SHWS) | NO |
| Facility has disposed of solid waste on-site (SWF/LF) | NO |
| **MULTIMEDIA**<br>Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS) | NO |
| Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS) | NO |
| Facility manufactures or imports toxic chemicals on the TSCA list (TSCA) | NO |
| Facility has inspections under FIFRA, TSCA or EPCRA (FTTS) | NO |
| Facility is listed in EPA's index system (FINDS) | NO |
| Facility is listed in a county/local unique database (LOCAL) | **YES - p4** |
| **POTENTIAL SUPERFUND LIABILITY**<br>Facility has a list of potentially responsible parties PRP | NO |
| **TOTAL (YES)** | 1 |

# SECTION 2: FACILITY DETAIL REPORTS

## MULTIMEDIA

### Facility is listed in a county/local unique database

### DATABASE: State/County (LOCAL)

BOYNTON OIL
RT 3
BELFAST, ME
EDR ID #S105002998

LAST:

Event:

| | |
|---|---|
| Spill Number: | A-615-2002 |
| Inc Tank Code: | A |
| Inc Tank: | Above Ground Tank(s) Involved |
| Removal Flag: | False |
| UST registered flag: | True |
| AST inside flag: | False |
| Create Date: | 02/14/2003 |
| Create By: | EIGWALL |
| Modify Date: | 12/12/2003 |
| Modify By: | 12/12/2003 |
| Report Status Code: | FR |
| Report Status: | Final Report |
| Spill Datetime: | Not reported |
| Spill Date Unknown: | True |
| Spill Time Unknown: | True |
| Number of wells at risk: | 0 |
| Number of wells impacted: | 0 |
| DTREE completed flag: | False |
| MCD Value: | 27010 |
| Further response action: | False |
| Spill Type Code: | O |
| Spill Type: | Oil Incident |
| Reporter Type Code: | 1 |
| Reporter Type: | DEP Personnel |
| Detection Method Code: | L |
| Detection Method: | Visual Product |
| Inc Location Code: | BP |
| Inc Location: | Terminal - Bulk Plant |
| Inc Source Code: | TA |
| Inc Source: | Storage Unit - Aboveground Storage Tank |
| Spill Cause Code: | 07 |
| Spill Cause: | Mechanical Failure - Valve |
| Material Disposal Info: | Not reported |

Change:

| | |
|---|---|
| Description: | Report Status change from DQA to FR |
| Date Change: | 12/12/2003 |
| Changed By: | EITGALLA |
| | |
| Description: | Report Status change from DRV to DQA |
| Date Change: | 06/19/2003 |
| Changed By: | EIPBLANC |
| | |
| Description: | Report Status change from DR to DRV |
| Date Change: | 02/26/2003 |
| Changed By: | EIGWALL |
| | |
| Description: | Report Created with Report Status = DR |
| Date Change: | 02/14/2003 |
| Changed By: | EIGWALL |

Contact:

| | |
|---|---|
| Contact Type: | Subject/Spiller |
| Potential RP: | True |
| Name: | JOHN BOYNTON |
| Title: | Not reported |
| Company: | BOYNTON OIL COMPANY |
| Address: | ROUTE 3 |
| City,State: | BELFAST,ME |
| Country: | USA |
| Zipcode: | Not reported |
| Phone/Ext: | / |
| Comments: | Not reported |

Primary Employee:

| | |
|---|---|
| Primary Employee: | True |
| Name: | GLEN WALL |

File:

| | |
|---|---|
| Spill Id: | A-615-2002 |
| Date Created: | 12/17/2003 |
| Created By: | EIPLAMBE |
| Date Modified: | 07/28/2009 |
| Modified By: | IMAGING |
| File Num Sheets: | 0 |
| Notes: | Report scanned into the imaging system on 28-JUL-09. |
| Reconcile Date: | 12/17/2003 |
| File Reconciled By: | Not reported |

Media Affected:

| | |
|---|---|
| Medium: | Land |

Log:

| | |
|---|---|
| Spill Void Flag: | False |
| Spill Office: | Augusta |
| Spill Off Sequence: | 615 |
| Spill Year: | 2002 |
| Create Date: | 10/21/2002 |
| Created By: | EIGWALL |
| Modify Date: | 02/26/2003 |
| Modify By: | EIGWALL |
| Log Spill Type: | Oil Incident |
| Log Spill Datetime: | Not reported |
| Spill Time Unk: | True |
| Spill Dt Unknown: | True |
| Log Rep Dt Tm: | 10/10/2002 |
| Log Rep Prod Cd: | 02 |
| Log Rep Prod: | #2 Fuel Oil |
| Log Emp Name: | GLEN WALL |
| Location: | Route 3 in Belfast |
| Log Location Town: | BELFAST |
| Log Tank Involved: | Above Ground Tank(s) Involved |
| Notes: | Valves leaking at above ground bulk plant, owned by Boynton Oil. John Boynton will repair |

Material Recovered:

| | |
|---|---|
| Material Recovered Type: | NO |
| Material Recovered: | None |
| Material Amount: | 0 |
| Material Units: | gals. |
| Material Amt Qualifier: | ESTIMATE |

Spill Point:

| | |
|---|---|
| Create Date: | Not reported |
| Created By: | Not reported |
| Modify Date: | Not reported |
| Modify By: | Not reported |
| Point Type Code: | Not reported |
| UTM North: | Not reported |
| UTM East: | Not reported |
| GPS Unit: | Not reported |
| GPS Date: | Not reported |
| GPS Time: | Not reported |
| GIS Feature Class: | Not reported |
| GIS Object Id: | Not reported |
| GIS Sync Flag: | Not reported |
| Recovery Method: | None |

Product:

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

Attachments:

| | |
|---|---|
| Description: | Not reported |
| Attach Type: | Not reported |
| File Name: | Not reported |
| File Code: | Not reported |
| File Size: | Not reported |
| File Modify Date: | Not reported |

# SECTION 3: DATABASES AND UPDATE DATES

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

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

## DATABASES FOUND IN THIS REPORT

**ME LAST: HOSS Database**
Source: Department of Environmental Protection
Telephone: 207-287-2651
A listing of leaking aboveground storage tanks.

Date of Government Version: 02/04/2012
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/2012
Date of Next Scheduled Update: 05/21/2012

**BOYNTON OIL INC**
BELMONT AVE
BELFAST, ME

Inquiry Number:
April 6, 2012

# EDR Site Report™

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

**Section 1: Facility Summary . . . . . Page 3**

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

**Section 2: Facility Detail Reports . . . . . Page 4**

All available detailed information from databases where sites are identified.

**Section 3: Databases and Update Information. . . . . Page 5**

Name, source, update dates, contact phone number and description of each of the databases for this report.

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

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# SECTION 1: FACILITY SUMMARY

| FACILITY<br><br>AREA | FACILITY 1<br>**BOYNTON OIL INC**<br>BELMONT AVE<br>BELFAST, ME<br>EDR ID #A100150196 |
|---|---|
| **WASTE MANAGEMENT**<br>Facility generates hazardous waste (RCRA) | NO |
| Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF) | NO |
| Facility has received Notices of Violations (RCRA/VIOL) | NO |
| Facility has been subject to RCRA administrative actions (RAATS) | NO |
| Facility has been subject to corrective actions (CORRACTS) | NO |
| Facility handles PCBs (PADS) | NO |
| Facility uses radioactive materials (MLTS) | NO |
| Facility manages registered aboveground storage tanks (AST) | **YES - p4** |
| Facility manages registered underground storage tanks (UST) | NO |
| Facility has reported leaking underground storage tank incidents (LUST) | NO |
| Facility has reported emergency releases to the soil (ERNS) | NO |
| Facility has reported hazardous material incidents to DOT (HMIRS) | NO |
| **WASTE DISPOSAL**<br>Facility is a Superfund Site (NPL) | NO |
| Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS) | NO |
| Facility has a reported Superfund Lien on it (LIENS) | NO |
| Facility is listed as a state hazardous waste site (SHWS) | NO |
| Facility has disposed of solid waste on-site (SWF/LF) | NO |
| **MULTIMEDIA**<br>Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS) | NO |
| Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS) | NO |
| Facility manufactures or imports toxic chemicals on the TSCA list (TSCA) | NO |
| Facility has inspections under FIFRA, TSCA or EPCRA (FTTS) | NO |
| Facility is listed in EPA's index system (FINDS) | NO |
| Facility is listed in a county/local unique database (LOCAL) | NO |
| **POTENTIAL SUPERFUND LIABILITY**<br>Facility has a list of potentially responsible parties PRP | NO |
| **TOTAL (YES)** | 1 |

# SECTION 2: FACILITY DETAIL REPORTS

## WASTE MANAGEMENT

### Facility manages registered aboveground storage tanks

### DATABASE: Aboveground Storage Tank Database (AST)

BOYNTON OIL INC
BELMONT AVE
BELFAST, ME
EDR ID #A100150196

AST:

| | |
|---|---|
| Facility ID: | Not reported |
| Facility Status: | OUTSIDE |
| Facility Phone: | 2073382307 |
| Facility Dept: | Not reported |
| Lat/Long: | Not reported |
| Mail Address: | Not reported |
| Mail City: | Not reported |
| Mail State: | Not reported |
| Mail Zip: | Not reported |
| Record Id: | 1000000372 |
| CAS Number: | Not reported |
| Submitted By: | Not reported |
| Max Container is Holding: | Not reported |
| Max Amount Container: | Not reported |
| | |
| Location: | Not reported |
| Amount: | Not reported |
| Amount Unit: | Not reported |
| Type Code: | Not reported |
| Pressure Code: | Not reported |
| Temperature Code: | Not reported |
| Max Amount Code: | Not reported |
| Chemical Name: | FUEL OIL, [NO. 2] |
| Days On Site: | Not reported |
| CIEHS Chemical: | Not reported |
| Report Year: | 2001 |

| | |
|---|---|
| Location: | Not reported |
| Amount: | Not reported |
| Amount Unit: | Not reported |
| Type Code: | Not reported |
| Pressure Code: | Not reported |
| Temperature Code: | Not reported |
| Max Amount Code: | Not reported |
| Chemical Name: | FUEL OIL, [NO. 2] |
| Days On Site: | Not reported |
| CIEHS Chemical: | Not reported |
| Report Year: | 1999 |

| | |
|---|---|
| Location: | Not reported |
| Amount: | Not reported |
| Amount Unit: | Not reported |
| Type Code: | Not reported |
| Pressure Code: | Not reported |
| Temperature Code: | Not reported |
| Max Amount Code: | Not reported |
| Chemical Name: | FUEL OIL, [NO. 2] |
| Days On Site: | Not reported |
| CIEHS Chemical: | Not reported |
| Report Year: | 1998 |

# SECTION 3: DATABASES AND UPDATE DATES

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

**Elapsed ASTM days:** Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

## DATABASES FOUND IN THIS REPORT

**ME AST: Aboveground Storage Tanks**
Source: Maine Emergency Management Agency
Telephone: 207-626-4503
Registered Aboveground Storage Tanks.

Date of Government Version: 12/31/2010
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/19/2012
Date of Next Scheduled Update: 07/02/2012

**Former Exxon**
29 Belmont Avenue
Belfast, ME 04915

Inquiry Number: 3288897.6
March 27, 2012

# The EDR-City Directory Image Report

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

# EDR CITY DIRECTORY REPORT

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

## NO COVERAGE

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


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**APPENDIX C**

Supplemental Documentation

Phase I Environmental Site Assessment
29 Belmont Avenue (Former Exxon Station)
Belfast, Maine

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

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

Site Name: Former Exxon

Site Address: 29 Belmont Avenue, Belfast, Maine

Ransom Project No. 111.06134.004

Ransom Environmental Professional: E. Phenix

1. **Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)**
   Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

   Yes_____ No X (Unknown) (if Yes, provide additional information on attachment)

2. **Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)**
   Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state or local law?

   Yes_____ No X (Unknown) (if Yes, provide additional information on attachment)

3. **Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)**
   As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

   Yes_____ No X (Unknown) (if Yes, provide additional information on attachment)

4. **Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)**
   Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

   Yes X No_____ (Unknown) (if No, provide additional information on attachment)

5. **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)**
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as a user,

a) Do you know the past uses of the property? Yes X No _____

b) Do you know of specific chemicals that are present or once were present at the property?

Yes_____ No X

c) Do you know of spills or other chemical releases that have taken place at the property?

Yes_____ No X

d) Do you know of any environmental cleanups that have taken place at the property?

Yes_____ No X

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

6. **The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)**
As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes_____ No X (Unknown) (if Yes, provide additional information on attachment)

**User:**

The following user was interviewed to complete this questionnaire:

Name: Thomas Kittredge

Title: Economic Development Director

Firm: City of Belfast, Maine

Relationship to Site: Funder of Environmental Assessments

**Interviewer:**

The following Ransom staff completed the interview:

Name: Erik Phenix Date: _____

Signature: _____

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

| Question No. | Additional Comments |
|---|---|
| 5a | Aware of past use of site as a gas station. |
| | |
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**Soil Quality Investigation**
**Former Boynton Oil Facility**
**Belfast, Maine**

Prepared for:

Mr. John Boynton
36 Crocker Road
Belfast, Maine 04915

Prepared by:

Acadia Environmental Technology
48 Free Street
Portland, Maine 04101

COPY

April 7, 2006

Joseph Renda
Geologist

Thomas E. Schwarm, CG
President-Hydrogeologist

STATE OF MAINE
THOMAS E. SCHWARM
NO. 212
CERTIFIED GEOLOGIST

## Introduction

Acadia Environmental Technology (Acadia) conducted this soil quality investigation of the former Boynton Oil Company bulk facility in Belfast, Maine. This work was conducted based on a work plan dated December 8, 2004. The objective of the investigation was to evaluate hydrocarbon impacts to soil from bulk facility operations.

The property, owned by John Boynton, is located on Route 3 in Belfast, Maine (Figure 1). The property was used as a bulk oil storage and distribution facility. A 15,000-gallon kerosene aboveground storage tank (AST) and a 15,000-gallon and a 10,000-gallon No. 2 fuel oil AST were used on site. The facility was closed and the ASTs were dismantled on July 20, 2004.

The site has no water or sewer service. The immediate area is connected to public water service provided by the Belfast Water District. The water source is derived from two sand and gravel aquifer wells located in East Belfast. Sanitary sewer services are provided by the City of Belfast.

Two oil spills at the facility are documented in Department of Environmental Protection (DEP) records. The first documented spill (DEP No. A471-1990) was reported on September 18, 1990. A release of 3,200 gallons of No. 2 fuel oil was caused by a valve failure on the 15,000-gallon AST. Under DEP supervision, a total of 2,140 gallons of fuel were recovered by vacuum truck and removed from the site. Approximately 140 cubic yards of soil were landspread on farm roads owned by John Boynton. No further action was required.

The second spill (DEP No. A615-2002) was an estimated 5-gallon spill that was reported on October 10, 2002. No remediation was documented in the database. No further response was required.

According to the DEP's *Procedural Guidelines for Establishing Action Levels and Remediation Goals for the Remediation of Oil Contaminated Soil and Groundwater in Maine*, the DEP could classify this site as having Baseline 2 clean-up goals. Baseline 2 clean-up goals for soil are 200 to 400 parts per million (ppm) for fuel oil, kerosene, and diesel fuel releases. Alternative laboratory-based goals for soil are: 100 milligrams per kilogram (mg/Kg) diesel-range organics (DRO). The groundwater clean-up goal is the absence of light non-aqueous phase liquid (LNAPL) that is also termed free product.

## Scope of Work

Digsafe Notification: John Boynton marked the site. Digsafe was notified and was requested to mark underground utilities. The City of Belfast was requested to mark water and sewer lines.

Test Pit Excavation: John Boynton provided a backhoe to excavate test pits. Test pits were excavated to depths of 11 feet below grade, the maximum reach of the excavator. Soil samples were collected and the test pits were logged by an Acadia geologist.

Field Analysis of Soil Samples: Volatile organic compound (VOC) concentrations in soil were analyzed in the field with a ThermoEnvironmental 580B photoionization detector (PID) with a 10.6 eV lamp according to DEP Chapter 691 Appendix Q methodology. The PID was calibrated daily with 100 ppm isobutylene span gas using the response factor for fuel oil according to Maine DEP recommendations. Results were recorded on the boring logs.

## Results

### Geology

A total of six test pits were excavated around the dike area and adjacent to the farm pond. Test pit logs are in Appendix B. Surface soil consisted of gravel fill, which is 2 to 4 feet thick. Native silty clay underlies the fill and extended to the bottom of the test pits at 11 feet. This soil is likely a fine-grained facies of the Presumpscot Formation, which consists of marine sediments that were deposited during the Wisconsinan glacial retreat.

Typical Maine coastal stratigraphy suggests that there is a glacial till below the Presumpscot Formation and on top of the bedrock. Till is a heterogeneous mixture of sand, silt, clay, and boulders that is generally well compacted and dense. If this site does have a typical Maine coastal stratigraphic sequence, then till is present at the site at depths greater than 11 feet.

According to *Bedrock Geologic Map of Maine* (Osberg et al, 1985), bedrock at the site is composed of either the Devonian-PreCambrian aged Appelton Ridge Formation, a pelitic schist or the Ordovician-PreCambrian aged Penobscot Formation, a sulfidic carbonaceous pelitic schist. Bedrock was not encountered or observed at or immediately adjacent to the site during this investigation. A thrust fault has been interpreted to extend in a northeast-southwest direction very near the location of this site, making a definitive interpretation of bedrock type difficult.

Depths to groundwater were difficult to evaluate in the test pits due to the low conductivity of the clayey soil. In general, the groundwater table appeared to be approximately 6 to 7 feet below grade. In test pit TP-3 groundwater perched in fill on the native clayey soil was encountered at a 3 foot depth.

Soil Quality

Field analysis of soil samples collected from test pits TP-3, TP-4 and TP-6 did not detect VOCs exceeding the BL-2 clean up goals. Test results are shown on the well logs.

Test Pit TP-1 was excavated in the area of the former loading rack. The test pit was excavated to an 11 foot total depth. Refusal was not met. Soil samples collected at this location had VOC concentrations from 742 ppm to 897 ppm which exceed the BL-2 400 ppm cleanup goal. VOC concentrations within this range extended from 1 foot below grade to 11 feet below grade.

Two soil samples analyzed from TP-2 had VOC concentrations that exceed the BL-2, cleanup goal in the native soil. The sample collected at 4.5 feet had a VOC concentration of 714 ppm VOCs. The sample collected at 6.5 feet had a VOC concentration of 750 ppm VOCs. Soil above and below these samples met the goals.

One soil sample from TP-5 had VOC concentrations that exceed the BL-2 cleanup goal in the native soil. The sample collected at 5 feet had a VOC concentration of 673 ppm VOCs. Soil above and below this sample met the goals.

An approximate delineation of soil exceeding the Baseline-2 clean-up goals is shown on Figure 2.

## Conclusions

- The soils observed were consistent with mapped geology. Surface soil consisted of sand and gravel fill. Beneath this fill is native silty-clay of the Presumpscot Formation.

- Typical Maine coastal stratigraphy suggests that there is a glacial till below the Presumpscot Formation and on top of the bedrock. Till is a heterogeneous mixture of sand, silt, clay, and boulders that is generally well compacted and dense. Bedrock was not encountered by this investigation.

- Depths to groundwater were difficult to evaluate in the test pits due to the low conductivity of the clayey soil. In general, the groundwater table appeared to be approximately 6 to 7 feet below grade. Groundwater perched in coarse sand and gravel on clayey soil was encountered at 3 feet in one test pit.

- Soil quality observations during this investigation have delineated an area of BL-2 exceedences south and east of the former dike. This is the location of the former loading rack and the migration pathway of the 1990 spill. This spill was previously remediated under DEP supervision.

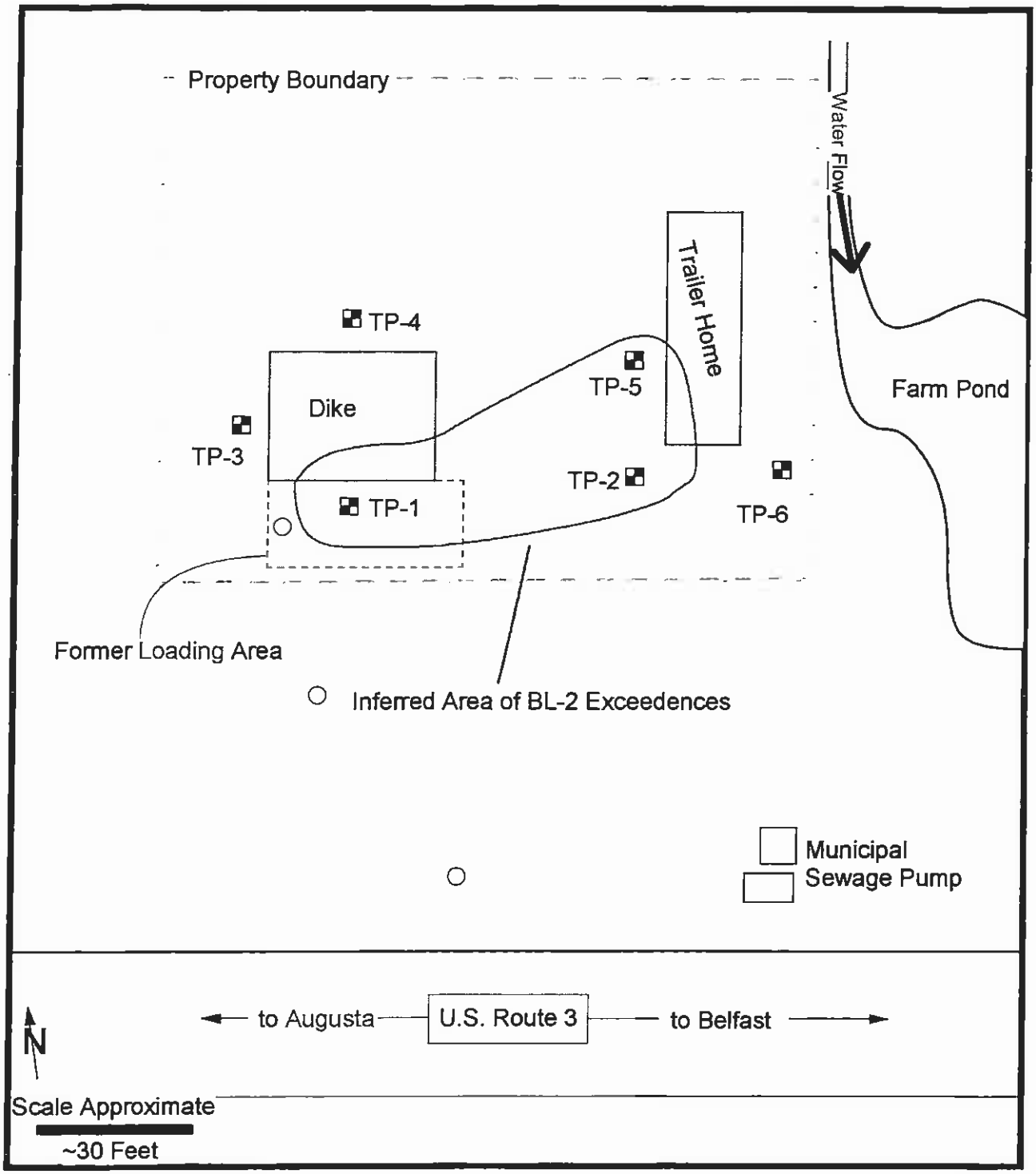



Figure 2: Soil Quality Investigation Test Pit Locations and Site Plan
Former Boynton Oil Bulk Facility
Route 3
Belfast, Maine

Timson & Associates, Inc.
ENVIRONMENTAL SERVICES

# PHASE I & II
# ENVIRONMENTAL ASSESSMENT
# NICKERSON'S EXXON STATION PROPERTY
# ROUTE 3, BELFAST, MAINE

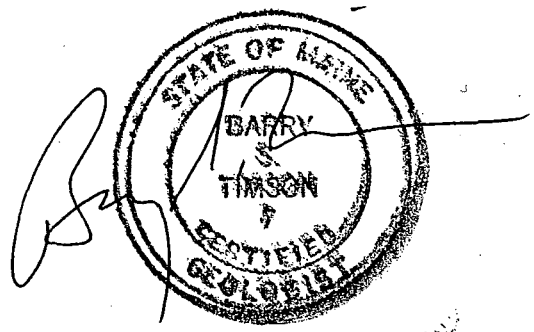
**Prepared For:**

Robert Spencer
P.O. Box 1088
Auburn, Maine 04211-1088

**Prepared By:**

Barry S. Timson
Timson & Associates, Inc. Environmental Services
P.O. Box 150
Hallowell, Maine 04347

**June 16, 1998**



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Appendix J: Correspondence with Maine Dept. of Environmental Protection

# PHASE I & II
# ENVIRONMENTAL SITE ASSESSMENT

## Nickerson's Exxon Station Property
## Route 3, Belfast, Maine

## 1.0 INTRODUCTION

Timson & Associates, Inc. Environmental Services (T&A) has been retained by Robert Spencer of Auburn, Maine to conduct an assessment of environmental conditions of the Nickerson's Exxon Station property located on Route 3 in Belfast, Maine (See Appendix D, Figure 1, Parcel A for Location Map).

Mr. Spencer's interested in determining the environmental conditions of the property because he intends to purchase the property.

The purpose of performing the assessment was to identify recognized environmental conditions of the subject property. The methodology used is in compliance with ASTM E 1527-94 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* The purpose of this ASTM procedure is to define good commercial and customary practices in the United States of America for conducting an environmental site assessment on a parcel of real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products.

In addition, T&A, at the request of Mr. Spencer, conducted Phase II subsurface investigations to determine the extent and level of possible contamination of soils and ground water by petroleum hydrocarbon compounds and toxic metals defined under RCRA.

## 2.0 SCOPE OF SERVICES

The scope of services for this project include:

- selected interviews with:
  - the subject property owners and/or persons familiar with the property;
  - the major occupant of the property or, if the property does not have any major occupants, at least 10% of the occupants of the property; and

- any occupant likely to be using, treating, generating, storing or disposing of hazardous substances or petroleum products on or from the property;

- review of standard historical sources to identify uses of the property from the present back to the 1950's;

- review of the following federal government record systems for the subject property and any property within the circumference of the areas noted below:

| Federal Record System | Circumference |
|---|---|
| National Priorities List (NPL) | 1.0 mile |
| CERCLIS List | 0.5 mile |
| RCRA TSD Facilities List | 1.0 mile |
| RCRA Generator's List | Subject and adjoining property |
| ERNS List | Subject property |

- Review of the following State government record systems for the subject property or any property within the circumference of the areas noted below:

| State Record System | Circumference |
|---|---|
| Directory of Spill Reports & DEP Project Files - DEP hazardous waste sites identified for investigation or remediation (State equivalent to NPL) | 1.0 mile |
| Potential Hazardous Substances Sites - DEP List of sites identified for investigation or remediation (State equivalent to CERCLIS) | 1.0 mile |
| Solid Waste Application List | 0.5 mile |
| DEP UTE Log (State equivalent to Leaking Underground Storage Tank List (LUST)) | 0.5 mile |
| State Registered UST List | Subject and adjoining property |

- a site reconnaissance to observe existing conditions, including surrounding land uses on abutting and nearby lots;

- subsurface sampling of shallow soils and shallow ground water to determine the presence and concentrations of toxic petroleum hydrocarbon compounds and toxic heavy metals; and

- preparation of a narrative report on environmental conditions found at the site.

## 3.0 SUMMARY OF OBSERVATIONS, OPINIONS AND LIMITATIONS

This report is based on interviews, reviews of certain records and documents, past and present site use, adjacent land use, map interpretation, information obtained from persons familiar with the property, a site reconnaissance and intrusive sampling at selected locations and subsurface depths with both field and laboratory measurement devices.

The findings and conclusions of this report are not scientific certainties, but rather, probabilities based on professional judgment concerning the significance of the information gathered during the course of the environmental investigation. This assessment relied upon readily accessible information and was not designed to provide extensive data accumulation, chemical, petroleum hydrocarbon, radiological, lead, or asbestos analyses, or inferences as to the condition or quality of air, surface soils, subsurface soils, surface water or ground water, except where otherwise specified in this report.

T&A is not able to represent that the site or adjoining land, surface water, or ground water contains no hazardous waste, petroleum product, oil or other latent condition beyond that observed at the time of the assessment. Conclusions drawn by others from the results of this assessment should recognize the limitations of the assessment method used. If variations appear evident, it will be necessary for our firm to re-evaluate the conclusions of this report.

This report is prepared for the exclusive use of our client for specific application to the project as discussed. For the purpose of this report, Robert Spencer of Auburn, Maine is referred to as the User. Refer to the Definitions of Key Terms in Appendix A for a list of words and acronyms that may be used uniquely in this report. See Appendix B for the Credentials of those persons involved in the preparation of this report.

## 4.0 SITE DESCRIPTIONS

### 4.1 Location and Legal Descriptions

The Nickerson Exxon Station property is located on the north side of Route 3 approximately one-quarter mile west of the intersection of Route 3 with Route 1.

The property is listed as Tax Map 5, Lot 16B in the Belfast Tax Assessors' Office.

The property is also listed in the Waldo County Register of Deeds as the Harland E. and Catherine E. Nickerson Property, Book 695 - Page 229.

A portion of the Belfast, U.S. Geological Survey topographic map locating the parcel (Parcel A) with respect to the surrounding area is presented as Appendix D, Figure 1.

### 4.2 Site and Vicinity Characteristics

The Nickerson Exxon Station Property is a .750 +/- Acre parcel of land which includes a gasoline station building, a gasoline pump island, paved and gravel parking areas and a sewer pump station owned and operated by the Belfast Sewer District. The property is subject to a 10' wide utility easement adjacent to Route 3, and easement allowing for the location and operation of the sewer pump station, and a 20' wide right-of-way easement across the property to the Boynton Oil Co. land lying due north of the subject property.

The land slopes uniformly from the northwest corner of the lot to the southeast corner where surface drainage is intercepted by a south-flowing stream which serves as the property boundary between the subject lot and a house and lot owned by the Harland and Catherine Nickerson adjoining to the east. The elevation of the northwest corner of the property is at an approximate elevation of 205 feet above sea level and the land slopes to a uniform elevation of 200 feet along the eastern boundary of the property.

Immediately adjoining parcels and properties located across Route 3 are either residential or commercial properties of moderate density. A bulk fuel oil storage facility (Boynton Oil Co.) adjoins the subject property immediately to the north. Another bulk fuel storage facility (Dead River Co.) lies across Route 3 to the southeast of the subject property.

Adjoining properties are developed with structures served by bituminous paved drives and parking areas.

### 4.3 Site Improvements

The Nickerson Exxon Station parcel is occupied by a 60-foot by 60-foot, single-story wood-frame structure with a metal roof. The building houses a 2-bay garage, adjoining sales office and bathroom with a cement floor. A hydraulic vehicle lift is located in one of the bays.

The station structure is located approximately 50 feet from the edge of the Route 3 right-of-way and is served by a 3-pump fueling island between the southern property boundary and the station. An approximate 40-foot by 80-foot bituminous paved area between the garage and the road allows for vehicles to fuel up and access the station.

Immediately to the east of the service station building is the area where the underground gasoline fuel storage tanks are located. Three tanks, registered with the Maine Dept. of Environmental Protection, store gasoline for dispensing at the pumps. A 6,000 gallon tank stores unleaded regular gasoline, while 2, 4,000 gallon tanks store higher octane gasoline fuel. The tanks are asphalt-coated, cathodically-protected steel tanks which were installed in 1984. The original underground fuel storage tanks were asphalt-coated steel tanks which were installed in 1956 and removed in 1984. The filling pipes are encased in concrete and accessed through a concrete pad positioned between the tanks and the fuel island. The vent pipes for the 3 tanks are located along the east side of the service station building.

The area to the east of the service station building is a gravel-based area which includes an area where U-Haul Rental Trucks, rentals offered by the station, are parked over and in the vicinity of the underground storage tanks. East of this area is a gravel-based, 20-foot wide drive and right-of-way easement which is the entry to the Boynton Bulk Oil Storage facility to the north of the subject property.

Between the right-of-way and the eastern boundary of the property is a gravel and grassy area where U-Haul Rental Trailers are stored.

In the southeast corner of the subject lot is a concrete and metal manhole which contains a sewer pump station owned and operated by the Belfast Sewer District. This area is under easement. Located here also is a metal Exxon sign on posts.

To the north and behind the service station building is a grassy area which is used for storage for vehicles and trailers.

The station facility is served by public water and sewer. Heat for the service station is provided by an oil-fired furnace located in the rear of the building. Fuel oil is stored in a steel 275-gallon fuel oil storage tank located inside the structure. The fill and vent pipes for the fuel oil tank are located along the north wall of the station building.

### 4.4 Information Reported by User Regarding Environmental Liens or Specialized Knowledge or Experience

The User is not knowledgeable of any environmental liens placed on the subject property. The User is knowledgeable as to recognized environmental conditions in connection with the property in that the results of limited subsurface investigations conducted and reported by a Duffield Associates of Wilmington, Delaware in a letter dated November 3, 1997 recognize petroleum related environmental conditions on the subject property. Refer to Appendix E for a copy of the letter).

### 4.5 Interviews with the Subject Property Owners

The objective of the interview process is to obtain information indicating recognized environmental conditions in connection with the properties. The

information in this section is based on several interviews with each of the subject property owners. Mr. Harland Nickerson, co-owner of the property and operator of the gasoline station for 26 years was interviewed on March 17, 1998 during a site visit to the subject property by Barry Timson of Timson & Associates.

This section follows a question and answer format rather than a paragraph format. The questions are presented below. If a question has a positive response, or needs additional explanation, a paragraph will follow. *Unless otherwise stated, the single answer to each question applies to all subject parcels of this assessment.*

1.) Do you have actual knowledge of any existing:

a. environmental site assessment reports? **Yes**

**See Section 4.4 above for identification and reference to a report provided in Appendix E.**

b. environmental audit reports? No
c. environmental permits such as solid waste disposal permits? No
d. hazardous waste disposal permits? No
e. wastewater permits? No
f. NPDES permits? No
g. air permits? No
h. registrations for underground and/or above-ground storage tanks (AGSTs)? **Yes**

**Three underground tanks are registered with the Maine Dept. of Environmental Protection. See Section 4.3 for a description of these tanks.**

i. material safety data sheets? No
j. community right-to-know plans? No
k. safety plans? No
l. preparedness and prevention plans? No
m. spill prevention, countermeasure and control plans? No
n. storm water pollution prevention plans? No
o. reports regarding hydrogeologic conditions on the property or surrounding area? No

**The environmental assessment report referred to in Question 1 includes a determination of localized ground water flow direction in the vicinity of the underground storage tanks.**

p. notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property? No
q. hazardous waste generator notices or reports? No

r. geotechnical studies? No

2.) Do you have actual knowledge of:

a. any pending, threatened or past litigation relevant to hazardous substances or petroleum projects in, on, or from the property? No

b. any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property? No

c. any notices from any governmental entity regarding any possible violation of environmental Law or possible liability relating to hazardous substances or petroleum products? No

3.) Is the subject property, or any adjoining property, currently being used for an industrial use? **Yes**

**The property to the north is owned and operated by the Boynton Fuel Oil Company as a bulk fuel oil storage depot. Immediately to the southeast and across Route 3 is a bulk fuel depot facility owned and operated by the Dead River Company.**

4.) To the best of your knowledge, has the subject property, or any adjoining property been used for an industrial use in the past? **Yes**

**See Question 3.**

5.) Is the subject property or any adjoining property used as a gasoline station, motor repair facility, commercial fronting facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage disposal, processing, or recycling facility? **Yes**

**See Question 3.**

6.) To the best of your knowledge has the property or any adjoining property been used as a gasoline service 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**

**See Question 3.**

7.) Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers or greater than 5 gal (19L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the subject property or at the facility? No

8.) Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal (208 L), sacks or piles of chemicals located on the subject property or at the facility? No

9.) Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin? No

**Some of the fill which underlies all of the lot surface was derived from the construction of the Route 1 By-pass constructed in the early 1950s.**

10.) Are there currently, or to the best of your knowledge has there been previously, any pits, ponds. or lagoons located on the subject property in connection with waste treatment or waste disposal? No

11.) Are there currently, or to the best of your knowledge has there been previously, any stained soil on the subject property? No

12.) Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the subject property? **Yes**

**Three underground gasoline fuel storage tanks are located on the property. See Section 4.3.**

13.) Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the subject property or adjacent to any structure located on the property? **Yes**

**See Section 4.3.**

14.) Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors on the subject property? **Yes**

**A floor drain located in the east bay of the service station led to the old septic system leachfield. This drain was plugged with cement over 20 years ago when the public sewer system was installed and the station was connected to the public sewer system.**

15.) If the property is served by a private well or non-public water system, have contaminants been identified in the well or water system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?

No

16.) Does the owner or occupant of the subject property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the subject property or any facility located on the subject property? No

17.) Has the owner or occupant of the subject property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the subject property or any facility located on the subject property? **Yes**

**The Duffield Report referred to in Section 4.3 contains a opinion that uncontrolled petroleum hydrocarbons exist in the soil at certain locations on the property.**

18.) Does the owner or occupant of the subject property have any knowledge of any environmental site assessment of the subject property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the subject property or recommended further assessment of the subject property? **Yes**

**See Question 17.**

19.) Does the owner or occupant of the subject 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 subject property by any owner or occupant of the subject property? No

20.) Does the subject property discharge wastewater on or adjacent to the subject property other than storm water into a sanitary sewer system? No

21.) To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste material been dumped above grade, buried and/or burned on the subject property? No

22.) Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs? No

**The hydraulic lift located in the west bay of the station has hydraulic fluid leaking from it. It is unknown whether this fluid contains PCBs or not.**

4.6 Interviews with Local Government Officials

The objective of interviews with local government officials is to obtain information indicating recognized environmental conditions in connection with the property.

Mr. James Richard, Fire Chief for the City of Belfast, was contacted in person on March 17, 1998. Mr. Richard was not aware of any previous industrial use or hazardous material spills or incidences on the Nickerson Exxon Station property.

4.7 Current Uses of the Subject Properties

The property is currently in use as a gasoline service station, automobile repair facility and U-Haul Rental Center.

4.8 Past Uses of the Subject Property

The gasoline station was erected in 1954 and used as a service station since that period. Prior to that time, the property was vacant and used for agricultural purposes.

4.9 Current Uses of the Adjoining Properties

Properties immediately adjacent to the subject lot on the east and west sides are used as single-family residential dwelling lots.

To the north of the facility is a bulk fuel oil storage facility owned and operated by the John Boynton Oil Company.

To the south and on the opposite side of Route 3 is a hardware retail facility owned and operated by the Ellsworth Building Supply Company.

4.10 Past Uses of the Adjoining Properties

Past uses of the adjoining properties are similar to the current uses of the properties identified in Section 4.9 or were used for agricultural purposes and did not include structures.

## 5.0 STANDARD ENVIRONMENTAL RECORD SOURCES

The purpose of the records review is to obtain and review records that will help identify recognized environmental conditions in connection with the property.

Certain federal, state and local agencies were contacted and state and federal files and lists were reviewed to assess whether hazardous substances or oil may have been released into the soil or ground water at the study site or surrounding area. Information was developed by telephone contact, direct interviews and visits.

The information made available to T&A during these visits, interviews and file reviews is summarized below.

## 5.1 Federal Record Sources

T&A personnel reviewed the National Priority List (NPL), CERCLIS list, RCRA TSD Facilities and Generators Lists, and the EPA's ERNS List. References to the subject properties were not included on any of these lists. These listings were updated last on April 24, 1998. Pertinent findings (if applicable) for locations within ASTM E 1527-94 recommended approximate minimum search distances of the site are summarized below.

**NPL List:** T&A reviewed the National Priorities List (NPL) for properties with the highest priority for cleanup pursuant to EPA's Hazard Ranking System. No sites within 1.0 mile of the subject property were included in the list.

**CERCLIS List:** T&A reviewed the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) List for the State of Maine provided by DEP. This list contained those locations being evaluated under the Federal Superfund Program. No sites within 0.5 miles of the subject properties were included on the List.

The Belfast and Moosehead Lake Railroad Facility along the Belfast waterfront is an archived Superfund Report site. This facility is over 1 mile from the subject property.

**RCRA TSD List:** T&A reviewed the Resource, Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) List for facilities which treat, store and/or dispose of hazardous waste as defined and regulated by RCRA. Five sites within 1.0 miles of the subject property were included in the List. These are:

1. **Sherwin Williams Company located in the Belfast Shopping Center at the junction of Routes 1 and 3.**

2. **Belfast Auto Supply Company located at 44 High Street.**

3. **Dutch Chevrolet, Olds, and Buick, Inc. located at the junction of Routes 1 and 3 opposite the Belfast Shopping Center.**

4. **Kallis Ford Chrysler located on Belmont Avenue (Route 3).**

5. **New England Telephone Co. located on Waldo Avenue.**

Of these facilities, only the Sherwin Williams Company is located upgradient of the subject property with respect to surface runoff. None of the facilities listed above are upgradient with respect to shallow ground water flow.

**RCRA Generator's List:** T&A reviewed the Resource, Conservation and Recovery Act (RCRA) Generators List for persons or entities that generate hazardous waste as defined and regulated by RCRA. Neither the subject property, nor any adjoining properties, were included on the List.

**ERNS List:** T&A reviewed the EPA's Emergency Response Notification System (ERNS) List of reported CERCLA hazardous waste substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. The subject property was not listed.

5.2 State Record Sources

On April 17th, 1998 T&A contacted the Bureaus of the Maine DEP for information pertaining to the sites and surrounding areas. Pertinent findings for locations within ASTM E 1527-94 recommended approximate minimum search distances of the site are summarized below.

**DEP Directory of Spill Reports:** The review of the DEP Directory of Spill Reports indicated that there were no spill reports on file for the subject property. There was a spill report listed for adjoining properties, namely the John Boynton Oil Company bulk heating fuel storage facility located immediately north of the subject property. A short summary of this spill incident follows:

**A spill of 3,200 gallons of fuel oil occurred at the John Boynton Oil Company on September 18, 1990. The spill flowed southeasterly into an adjacent fresh water marsh and pond area and covered the pond with .75 inches of free product.**

**Approximately 2,140 gallons of oil were recovered by vacuum truck (Jetline) and 200 gallon recovered using sorbents.**

**On September 26, 1990 approximately 140 cubic yards of contaminated soil were removed from the property and landspread on property located south of the airport.**

**A copy of the DEP report concerning this spill incident is provided in Appendix F of this report.**

There were 12 spill reports on file for properties located within approximately 1.0 mile of the subject property. Short summaries of these spill incidents follow:

1. **Dutch Chevrolet: Unknown amount of hydrocarbon contamination in water supply of Group Home, adjacent to Dutch Chevrolet, reported on April 8, 1980.**

   **Wright-Pierce report indicated likely source was a leaking gasoline storage tank at Dutch Chevrolet. Source of spill and volume never resolved.**

2. **Scott Motor Transport, Inc.: Reported a spill of 500 to 1,000 gallons of kerosene at what is now Dead River bulk fuel storage facility located southeast of subject property on opposite side of Route 3. Spill reported on February 3, 1982.**

3. **Boynton Oil Company: See above.**

4. **Maine National Guard Armory, Route 1: Reported a spill of 20 gallons of diesel fuel on November 10, 1991. Soil removed and bioremediated.**

5. **153 Main Street, Belfast: 275 gallons of heating fuel oil were spilled in an earth basement on May 11, 1992. Soil was excavated and disposed of.**

6. **Maritime Energy, Inc., 32 Belmont Avenue: Leak of hydraulic fluid from a hydraulic lift was reported on January 29, 1993. 20 cu. yds. of soil were removed and disposed of at the Sawyer Landfill facility in Hampden, Maine.**

7. **Maritime Energy, Inc., 32 Belmont Avenue: 200 gallons of gasoline leaked from an UGST on January 16, 1994. The tank was removed. 100 cy of soil removed and disposed of. MDEP deemed no further action warranted.**

8. **C.N. Brown Co., Bulk Fuel Oil Storage Facility, Belmont Ave.: 100 gallons of fuel oil were reported spilled on loading ramp on February 7, 1994. 12 tons of snow and product removed and disposed of at Sawyer Landfill facility in Hampden.**

9. **Murphy/MacLeod Dwelling, 6 Waldo Avenue: 275 gallons of heating fuel oil spilled in basement on Sept. 6, 1994. No record of cleanup.**

10. **C.N. Brown Co., Bulk Fuel Oil Storage Facility, Belmont Ave.: 30 gallons of fuel oil spilled from vandalized valve reported on October 7, 1994. 30 cy of soil removed and disposed of.**

11. **Belfast Texaco, Belmont Avenue: Webber Oil Co. was removing a UGST and found contaminated soil below the tank on January 12, 1995. 670 cy of soil removed and disposed of at Dragon Cement Co. pit.**

Of these locations and incidences, only the John Boynton Oil Co. facility lies immediately upgradient, both with respect to surface and ground water runoff, from the subject property.

**DEP Project Files Master Listing:** The DEP maintains a list of site-specific files for ongoing or past environmental investigations for businesses or landowners in the City of Belfast. Review of the DEP Project Files Master Listing indicate there were no project files for the subject property nor for any known adjoining properties.

**Potential Hazardous Substance Sites List:** The DEP maintains this list in two parts: the Active Sites List and the Inactive Potential Sites List. The Active Sites List includes sites actually being investigated by the State Uncontrolled Sites Program or sites that will be investigated when priorities allow. The Inactive Potential Sites List includes sites under investigation by the Federal CERCLA

Program but not by the States Uncontrolled Sites Program. The review indicated no Active or Inactive sites within 0.5 miles from the subject property.

**Solid Waste License Application List:** T&A reviewed the DEP Solid Waste License Applicants List for persons filing for disposal of certain solid waste materials within 0.5 miles of the subject property. The subject property was not listed, nor were any properties within 0.5 miles listed.

**Underground Tank Enforcement Log (UTE):** T&P reviewed the UTE Log for enforcement issues within 0.5 miles of the subject property. The subject property was not listed, nor were any adjoining properties.

**State Registered USTG List:** T&P reviewed the DEP UST Registration List for persons who have registered USTs. This list includes all USTs that have been registered in the State. The subject property were was listed as having 3 USTs.

### 5.3 Physical Setting Source

U.S. Geological Survey topographic map locating the subject parcel with respect to its surrounding environments is presented in Figure 1 in Appendix D.

### 5.4 Historical Use Information

The objective of consulting historical sources is to develop a history of previous uses or occupancies of the property and surrounding areas in order to identify those uses or occupancies which are likely to have led to recognized environmental conditions in connection with the properties.

Sections 4.8 and 4.10 outline the historical use and ownership of the subject parcel based on an interview with the current property owner. In addition, historic aerial photographs on archive at the Maine Geological Survey were inspected to ascertain the more recent historical use of the subject property and its adjoining parcels.

An aerial photograph taken on May 14, 1966 (ID #: ASF-3GG-19) indicates that the service station existed at that point in time. No bulk oil storage facility existed north of the subject parcel, however.

An aerial photograph taken on May 4, 1980 (ID#: USDA 23027 479-116) of the area indicates that the property was similar to its present description and the bulk fuel oil facility was now located north of the subject property.

## 6.0 SITE RECONNAISSANCE

### 6.1 General Information

The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with

the subject site.

The Nickerson Exxon Station property was visited by Barry S. Timson of T&A on March 17, 1998 and a site inspection was conducted in the presence of Mr. Harland Nickerson, the owner of the subject property.

The station building is a 2-bay wood-frame structure with an included office room and bathroom. The building is one-story with a metal roof and is, in general, in fair condition.

An hydraulic lift for hoisting vehicles is located in the western bay of the garage. Stains of lubricant and hydraulic fluid occur on the main cylinder of the lift as well as around the lift on the concrete floor.

The site inspection revealed several containers of petroleum hydrocarbon products within the station. These included a 55-gallon metal drum of lubricating oil and 3 - 30 gallon metal containers of lubricating grease. There are also a half dozen automobile lead batteries lying about the station.

Two 275-gallon fuel oil storage tanks are positioned along the rear wall of the station. One tank contains heating fuel for the furnace -- the heating source for the station, and one tank is empty. A vent and fill pipe for the fuel oil storage tank exists on the outside rear wall of the station.

A floor drain was located in the middle of the cement floor of the building. This drain was plugged and apparently led, at one time, to a septic system which was located to the east of the structure. This drain was plugged when the public sewer line was installed over 20 years ago and the station was connected to the public sewer. The concrete floor in the bays of the station is stained with petroleum hydrocarbon product, but no free product was visible.

A 3-pump fuel island is positioned in front of the station. At the time of the site visit, there was no free product or fuel stains in the vicinity of the pump island.

To the rear of the station is a grassed-over gravel area used by Mr. Nickerson as a short-term storage area. At the time of the visit, a Link-Belt mobile crane truck, a U-Haul trailer and a horse trailer were located behind the station. The Link-Belt vehicle was removed several days after the site visit. The U-Haul and horse trailer contained general goods discarded from the station. An old 275-gallon heating fuel tank has been used as a trash burner container. The tank is partially filled with ash.

Along the west side of the building, a pile of automobile parts and tires was located. This contained 11 discarded used tires, a muffler and several auto parts.

The gravel storage area to the east of the building is used for U-Haul truck and trailer storage and as an entry to the Boynton Oil Company bulk fuel storage depot adjacent to the subject property. During the site visit, several areas of petroleum staining and sheening were found along the entry and near the truck storage

area. These stains most likely came from dripping lubricants from temporarily stored vehicles on the lot.

No sheens or discharge of petroleum hydrocarbons were seen in the brook running alongside the east boundary of the property.

Surrounding Property:

To the immediate north of the subject property is a bulk fuel oil storage depot owned and operated by the Boynton Oil Company. This facility stores kerosene and fuel oil in several tanks which are above ground and sited within an open concrete impoundment. The facility is located just a few feet from the north boundary line of the subject property.

During the site inspection, there was a moderately strong petroleum odor coming from the fill piping of the storage facility and a heavy sheen on surface water puddles adjacent to the facility.

Immediately adjacent to and east of the subject property is a single-family residential lot with a one and one-half story, wood-frame residential structure with attached garage. There are several small storage buildings (stable) and an small A-frame building on this lot as well. Mr. Nickerson and his wife reside at this location.

Immediately adjacent to and west of the subject property is a single-family residential lot with a wood-frame residential structure located on it.

Immediately south and across Route 3 from the subject property is a commercial retail hardware and building supply company -- Ellsworth Building Supply Co (EBS).

Southeast of the subject property and on the opposite side of Route 3 is the Dead River Co. bulk fuel storage facility. The unnamed stream which flows south between the Exxon Station and Mr. Nickerson's residental lot continues to flow south on the other side of Route 3 and separates the Dead River Co. facility from the EBS facility.

### 6.2 Areas of Concern Noted During the Site Reconnaissance

The reconnaissance visit identified the following concerns:

- The contents of the service station include a number of containers of various types of used and virgin petroleum hydrocarbon products as well as used and, most likely, discarded automotive batteries.

- Piles of junk , used tires and automobile parts are located along the west side of the service station building and along the west wall boundary of the property.

- The hydraulic lift in the west bay of the service station may contain hydraulic fluid with PCBs.

6.3 Areas of Concern Noted From Interviews or Record Searches

The interview process and environmental record search yielded the following concerns:

- The interview with Mr. Nickerson revealed the existence of a Duffield Associates report which indicated that subsurface investigations near the fuel pump island and downgradient from the underground petroleum hydrocarbon product storage tanks in 1997 yielded petroleum-related environmental conditions which may require removal to prevent significant threats to human health or the environment.

  A review of this report indicated that subsurface soil and water sampling and analyses conducted in October of 1997 yielded gasoline petroleum product and gasoline-related VOCs. which may have originated from the fuel island area or the underground storage tank area.

- A search of records at the Maine Dept. of Environmental Protection in Augusta, Maine indicated a significant spill of 3,200 gallons of heating fuel oil on September 18, 1990 at the Boynton Oil Co. bulk fuel oil storage facility immediately adjacent and upgradient of the subject property.

  Of the 3,200 gallon spilled, approximately 2,340 gallons was recovered and 140 cu. yds. of contaminated soil containing approximately 756 gallons of oil were removed.

## 7.0 PHASE II INVESTIGATIONS

7.1 Field Subsurface Investigations

Because of the areas of concern noted under Section 6.3 above, as well as the client's desire to undertake additional investigations, T&A conducted a Phase II intrusive investigation on the subject property.

The purpose of the intrusive investigation was three-fold:

1. Determine if the historical spill of heating fuel oil from the Boynton Oil Co. facility immediately to the north resulted in possible contamination of the subject property's soil and/or ground water;

2. determine if the contamination discovered by the Duffield Associates' Phase II investigations still existed and if the extent of contamination was less or greater than indicated by their investigation; and

3. discover any additional contamination which may be present on the subject lot.

On April 3rd and 6th, 1998 Maine Test Borings of Brewer, Maine and T&A Certified Geologist Barry Timson conducted borings, PID measurements and sampling on the subject property.

Borings were advanced at 11 locations (See Appendix D, Figure 2) on the subject property. Nine sampling locations were selected to provide overall coverage of the lot while two additional locations were sampled in order to resample locations previously sampled by Duffield Associates.

Continuous 2-inch diameter, stainless steel split spoon sampling was undertaken at each location. The spoon sampled continuous 2-foot intervals and was advanced until the ground water table was reached. As each of the samples was retrieved and the spoon sampler opened, the sediment core was scanned with an HNU PID with a 10.8 eV lamp and the highest reading recorded. Additionally, half the sample was collected in a Zip-loc plastic bag for head-space analyses and half the sample collected in a glass jar for possible later laboratory analysis and/or description. Head space analyses were conducted according to procedures outlined in Chapter 691, Maine Dept. of Environmental Protection's Rules for Underground Oil Storage Facilities, Appendix Q: Determination of Soil Hydrocarbon by Jar/Polybag Headspace Technique.

Based upon the polybag headspace measurements determined in the field, 4 soil samples (SBX-8, 2.2'-4.2')(SBX-10, 2'-4', DRO only)(SBX-10, 4'-6', GRO only)(SBX-11, 2.2'-4.2') and one ground water (SBX-10W) sample were submitted to Maine Environmental Laboratory in Yarmouth, Maine for a determination of gasoline range organic (GRO) concentrations and diesel fuel range organic (DRO) concentrations. In addition, 2 soil samples (SBX-2, 0' to 1') (SBX-7, 0.2' to 2.2') were submitted for a determination of RCRA metal concentrations because the subject property contains fill from an unknown source.

7.2 Results of Investigations

Petroleum Hydrocarbon Compounds

Boring logs are presented in Appendix G. PID headspace readings for each sample interval are provided in Appendix H, Table 1. Laboratory Analyses and Chain-of-Custody Records are provided in Appendix I.

GRO concentrations exceeding reporting threshold requirements were found in samples SBX-8 and SBX-11. GRO concentrations were 16.4 and 21.6 parts per million (ppm), respectively. Reportable DRO concentrations were found in SBX-11

at a concentration of 221 ppm.

RCRA Metal Concentrations

RCRA total metal concentrations found in the 2 soil samples were compared to a number of standards. The existing State of Maine Solid Waste Regulations only list total allowable soil concentrations of certain metals (As, Cd, Cr, Hg, Pb) with respect to dewatered dredge sediment. Under these standards, the fill on the site is characterized as inert fill, except with respect to Arsenic which exceeds the allowable concentration (7 ppm) in both samples (25.5 and 10.0 ppm).

The proposed Chapter 418 - Beneficial Use of Solid Wastes regulations would allow dredge material with Arsenic levels of those concentrations found on the subject lot to be used as construction fill if combined with borrow material at proportions which will lower the contaminant levels below 15 ppm.

With respect to the remaining RCRA metals (Ag, Ba, and Se), the concentrations from the soil samples are less than the concentrations defining these constituents as hazardous under Chapter 850 - Identification of Hazardous Wastes.

### 7.3 Regulatory Requirements

Chapter 691 - Maine Dept. of Environmental Protection Rules for Underground Oil Storage Facilities requires that laboratory-measured concentrations of uncontrolled GRO and DRO which exceed 5 and 10 ppm in soils, respectively, must be reported to the Commissioner of the Department of Environmental Protection for a determination of possible cleanup requirements.

The MDEP was notified by letter dated April 23, 1998 (Appendix J) that soil samples taken from the subject property and analyzed by a laboratory exceeded the reporting threshold. A follow-up letter dated May 26, 1998 (Appendix J) was also sent.

In response, the MDEP sent a letter dated May 28, 1998 (Appendix J) indicating that a MDEP staff person from the Bureau of Remediation and Waste Management had visited the subject property on May 4 and communicated to the owner of the facility that no soil cleanup would be required given the location of the facility and the petroleum hydrocarbon concentrations provided.

## 8.0 FINDINGS AND CONCLUSIONS

Timson & Associates, Inc. Environmental Services has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-94 at the subject property located on Route 3 (Belmont Avenue) in Belfast, Maine. Any exceptions to, or deletions from, this practice are described in Section 3.0 of this report.

The site reconnaissance, historical research and interviews revealed that the

subject property had been previously investigated with a limited Phase II investigation in October of 1997 and evidence for possible environmental conditions with significant threats to human health or the environment found. Further evaluation of the site would be required to confirm this condition.

Additionally, an historical spill of 3,200 gallons of heating oil took place in 1990 immediately adjacent and upgradient of the subject property and the subject property was also the site of significant amounts of surface fill in the early 1950 from the Route 1 By-pass project.

Based on these facts, a Phase II intrusive investigation was undertaken to determine the levels of uncontrolled GRO, DRO and RCRA metals occurring on the site.

The highest levels of gasoline-range organic compounds found as a result of the sampling program was 21.6 ppm, while that of diesel-range organics was found to be 221 ppm.

The uncontrolled gasoline compounds, found in the vicinity of the fuel pump island and just downgradient of the island, most likely result from incidental spills at the fuel island and concentration of the product at the shallow ground water interface above glacio-marine clay deposits. The uncontrolled diesel fuel compounds are most likely residual from the historic spill of fuel oil on the adjacent and immediately upgradient bulk fuel oil storage facility.

The Maine Dept. of Environmental Protection has visited the subject property and determined that no clean-up of soil or ground water is required because of the subject property location and levels of uncontrolled product sampled.

RCRA metal concentrations found in the gravel fill are most likely representative of natural levels in soil fill aggregate. Total metal concentrations measured from the fill indicate that these metals are not in concentrations which are hazardous and that the fill soil is either classified as inert fill, or can be used beneficially as construction fill.

A site reconnaissance revealed the presence of several containers of virgin and non-virgin petroleum hydrocarbon products stored in the facility, as we as a number of discarded automotive batteries. Also, the facility includes a hydraulic lift which may contain hydraulic fluid with PCBs.

Outside the service station building, along the west wall and along the western property boundary, are random small piles of automotive parts, tires and other junk.

## 9.0 RECOMMENDATIONS

Based on information obtained from this Phase I and II report, T&A has not identified any recognized environmental conditions which require further remedial action by the User.

T&A does recommend the following actions, however, to ensure that the property remains free of recognized environmental conditions, especially during clean-up of the property and demolishing of the existing service station facility:

1. Remove and properly use or dispose of all containers of petroleum hydrocarbon compounds (lubricating oils and greases).

2. Remove and properly dispose of all used automotive batteries at a licensed recycling facility.

3. Prior to dismantling the hydraulic lift, hire a qualified professional to determine if the hydraulic fluid used in the lift contains PCBs. Properly dispose the hydraulic fluid according to the recommendations of the professional.

# Appendix A

## Definitions of Key Terms

## DEFINITIONS OF KEY TERMS

actual knowledge - the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or an entity.

adjoining property - any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

appropriate inquiry - that inquiry constituting "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in CERCLA , 42 USC Sec.9601(35)(B), that will give a party to a commercial real estate transaction the innocent landowner defense to CERCLA liability (42 USC Sec.9601(A) and (B) and Sec.9607 (b)(3)), assuming compliance with other elements of the defense.

approximate minimum search distance - some records to be reviewed pertain not just to the property but also pertain to properties within an additional approximate minimum search distance in order to help assess the likelihood of problems from migrating hazardous substances or petroleum products. When the term approximate minimum search distance includes areas outside the property, it shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.

CERCLIS - Comprehensive Environmental Response, Compensation, and Liability Information System - the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List (NPL).

commercial real estate - any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; property used for residential purposes that has more than four residential dwelling units; and property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

contaminated public wells - public wells used for drinking water that have been designated by a government entity as contaminated by toxic substances (e.g., chlorinated solvents), or as having water unsafe to drink without treatment.

due diligence - the process of inquiring into environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes.

drum - a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store hazardous substances or petroleum products.

environmental site assessment (ESA) - the process by which a person or entity seeks to determine if a particular parcel of real property (including improvements) is subject to recognized environmental conditions. At the option of the user, an environmental site assessment may include more inquiry than that constituting appropriate inquiry or, if the user is not concerned about qualifying for the innocent landowner defense, less inquiry than that constituting appropriate inquiry. An environmental site assessment is both different from and less rigorous than an environmental audit.

environmental lien - 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 Sec.9607(1) and similar state or local laws.

fill dirt - dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real property. It does not include material that is used in limited quantities for normal landscaping activities.

fire insurance maps - maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property.

hazardous substance - a substance defined as a hazardous substance pursuant to CERCLA 42 USC Sec.9601(14), as interpreted by EPA regulations and the courts: "(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (42 USC Sec.6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 USC Sec.6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 USC Sec.7412), and (F) any imminently

hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

hazardous waste - any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (42 USC Sec.6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 USC Sec.6902 *et seq.*) has been suspended by Act of Congress). The Solid Waste Disposal Act of 1980 amended RCRA. RCRA defines a hazardous waste, in 42 USC Sec.6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may - (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

hazardous waste/contaminated sites - sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

industrial use - an activity requiring the application of labor and capital for the production and distribution of a product or article, including, without limitation, manufacturing, processing, extraction, refining, warehousing, transportation, and utilities. The concern for the purpose of this report is whether the land use involves the processing, storage, manufacture, or transportation of hazardous substances or petroleum products.

landfill - a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as a garbage dump, trash dump, or similar term.

major occupants - those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the property or any anchor tenant when the property is a shopping center.

manufacturing - a process or operation of producing by hand, machinery, or other means a finished product or article from raw material

NPDES - National Pollutant Discharge Elimination System

NPL - National Priorities List; the list compiled by EPA pursuant to CERCLA 42 USC Sec. 9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA's Hazard Ranking System.

obvious - that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

occupants - those tenants, subtenants, or other persons or entities using the property or a portion of the property.

owner - generally the fee owner of record of the property.

petroleum products - those substances included within the meaning of the petroleum exclusion to CERCLA, 42 USC Sec.9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 USC Sec.9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to *Standard Definitions of Petroleum Statistics*.

pits, ponds, or lagoons - man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing hazardous substances or petroleum products. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

property - the real property that is the subject of the environmental site assessment described in this report. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

reasonably ascertainable - information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable. Environmental liens that are unrecorded or are recorded any place other than recorded land title records are not considered to be in recorded land title records that are reasonably ascertainable. Recorded land title records need not be checked if they otherwise do not meet the definition of the term reasonably ascertainable.

RCRA - Resource, Conservation and Recovery Act.

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

solid waste disposal site - a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump, or similar term.

user - the party seeking to use Practice E 1527 to perform an environmental site assessment of the property. A user may include, without limitation, a purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.

Underground Storage Tank (UST) - any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground.

wastewater - water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has been used in industrial manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

# Appendix B

# Credentials of Assessment Investigators

# CREDENTIALS

Timson & Peters, Inc. (T&P) is a technical consulting company providing environmental assessments (Phase I and Phase II), environmental permitting, Underground Storage Tank assessments, research services, natural resource management, environmental auditing, hydrogeological assessment, geologic consulting, air emission inventories, air emission reduction plans and wetland resource evaluations to governmental agencies, municipalities, businesses, industry, and private individuals. We also have the capability to prepare and/or review toxic chemical use reduction, toxic chemical release and hazardous waste generation plans to comply with Maine's 1990 toxic chemical reduction law and we can prepare storm water pollution prevention plans. We have the technical staff to collect air, soil, ground water, wastewater, storm water and hazardous waste samples.

T&P, Inc. provides Environmental Site Assessment services to banks, towns, manufacturing companies, attorneys, real estate consultants and private individuals. Our firm performs Phase I and Phase II site assessments and has worked in various parts of the State on sites ranging from private residences to bulk storage facilities for oil companies. Our central Maine location provides easy access to most sites throughout the State, and our proximity to the Capital in Augusta allows us to utilize the various State offices/services needed to complete an assessment. To date, our staff has performed over 150 Environmental Site Assessments on undeveloped sites and on properties developed for residential, commercial, industrial, governmental and farmland uses. T & P, Inc. also meets approved guidelines required by the Small Business Administration (SBA) and the Finance Authority of Maine (FAME) to perform Environmental Site Assessments.

Not every property will warrant the same level of assessment. The appropriate level of environmental site assessment will be guided by the type of property subject to assessment, the expertise and risk tolerance of the user, and the information developed in the course of the inquiry.

Transaction Screen property assessments include interviews with the subject property's owner(s) and/or occupant(s), federal and state file reviews, historical use information, a site reconnaissance by an environmental scientist, and a written report of findings.

Phase I property assessments consist of a more diligent inquiry into the environmental condition of a property and are recommended for commercial properties or properties where prior knowledge of environmental concerns may exist. Phase I property assessments include the review of available information pertaining to past site use, a more extensive federal and state file review, historical use information, a site reconnaissance by an environmental scientist, and a written report of findings and recommendations.

Phase II assessments are generally conducted after a Phase I has been completed and have shown a potential for environmental contamination. Phase II assessments are usually undertaken to establish the extents or limits of release of hazardous materials. This Phase generally requires installation of ground water monitoring wells, water quality sampling and/or soil analyses and is concluded with a written report of findings determining whether a Phase III cleanup may be necessary.

Listed below are the qualifications of those persons involved in conducting the Environmental Site Assessment and preparing the report.

Barry S. Timson, M.S.

Barry S. Timson is a principal of the firm and has been a geologic and resource management consultant in the State of Maine and New England for over fifteen years. Mr. Timson was formerly employed by the Maine State Planning Office and the Maine Geological Survey prior to becoming a private sector consultant. He is widely known for his knowledge of the political and regulatory process at the state government level.

Mr. Timson is recognized by the State as a coastal wetland, coastal geology and erosion expert. He is a Maine Certified Geologist and has served in the past as the Chair of the Maine Board of Certification for Geologists and Soil Scientists under two administrations. Mr. Timson reviews all environmental site assessments.

Deborah G. Cutten, B.S.

Deborah Cutten assists Timson & Peters, Inc.'s scientists, associates and principals in undertaking field and office investigations. Deborah has experience working with a geotechnical engineering firm and has participated in wetland investigations for the Maine Department of Environmental Protection Shoreland Zoning Unit prior to coming to work for T & P.

Ms. Cutten conducts Phase I & II environmental site assessments using methodologies in compliance with ASTM Standards E 1527 and E 1528. She supervises test borings, drilling, excavations and monitoring well installations. Deborah assists in data compilation, field verification, map production and report preparation. She also assists with stereoscopic aerial photograph analysis, wetland delineations, and regulatory research.

# Appendix C

## Interview Documents

Hartland Nickerson Owner

# TRANSACTION SCREEN QUESTIONNAIRE

Description of Site and Address:
Nickerson's Exxon
Rte 3 (Belmont Ave) Box 67
Belfast

| Question | Owner | | | Occupants | | | Observed During Site Visit | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.) Do you have actual knowledge of any existing: | | | | | | | | | |
| a. environmental site assessment reports ? (MBNA Report) | **Yes** | No | Unk | Yes | No | Unk | Yes | No | Unk |
| b. environmental audit reports ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| environmental permits such as: | | | | | | | | | |
| c. solid waste disposal permits ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| d. hazardous waste disposal permits ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| e. wastewater permits or NPDES permits ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| f. registrations for underground and/or above-ground storage tanks ? | **Yes** | No | Unk | Yes | No | Unk | Yes | No | Unk |
| g. material data safety sheets ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| h. community right-to-know plans? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| i. safety plans, preparedness and prevention plans? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| j. spill prevention, countermeasure and control plans ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| k. storm water pollution prevention plans ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| l. reports regarding hydrogeologic conditions on the property or surrounding area ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| m. notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| n. hazardous waste generator notices or reports? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| o. or geotechnical studies ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| {If affirmative, copies should be provided} | | | | | | | | | |
| 2.) Do you have actual knowledge of: | | | | | | | | | |
| a. any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| b any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |
| c. any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products ? | Yes | **No** | Unk | Yes | No | Unk | Yes | No | Unk |

| Question | Owner | | | Occupants | | | Observed During Site Visit | | |
|---|---|---|---|---|---|---|---|---|---|
| 3.) Is the property, or any adjoining property used for an industrial use ? | (Yes) | No | Unk | Yes | No | Unk | (Yes) | No | Unk[1] |
| 4.) To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past ? | (Yes) | No | Unk | Yes | No | Unk | (Yes) | No | Unk[2] |
| 5.) Is the property or 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 | Unk |
| 6.) To the best of your knowledge has the property or any adjoining property 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 | Unk |
| 7.) Are there currently, or to the best of you knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility ? | Yes[3] | (No) | Unk | Yes[3] | No | Unk | Yes | (No) | Unk |
| 8.) Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal (208 L) or sacks of chemicals located on the property or at the facility ? | Yes | (No) | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 9.) Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin ? | Yes[4] | (No) | Unk | Yes[4] | No | Unk | Yes | No | Unk[6] |
| 10.) Are there currently, or to the best of your knowledge has there 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 | Unk |
| 11.) Are there currently, or to the best of your knowledge has there been previously, any stained soil on the property ? | Yes | (No) | Unk | Yes | No | Unk | Yes | No | Unk |

| Question | Owner | | | Occupants | | | Observed During Site Visit | | |
|---|---|---|---|---|---|---|---|---|---|
| 12.) Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the property ? | (Yes) | No | Unk | Yes | No | Unk | (Yes) | No | Unk[5] |
| 13.) Are there currently, or to the best of your knowledge have there 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 | Unk |
| 14.) Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors ? | (Yes) | No | Unk | Yes | No | Unk | (Yes) | No | Unk[6] |
| 15.) [If the property is served by a private well or non-public water system] Have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency ? | Yes | (No) | Unk | Yes | No | Unk | Yes | No | Unk |
| 16.) 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 | | NA | |
| 17.) Has the owner or occupant of the property been informed of the past or current existence of hazardous substances or petroleum products or environmental violations with respect to the property or any facility located on the property ? | (Yes) | No | Unk | Yes | No | Unk | | NA | |
| 18.) 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 | Unk | Yes | No | Unk | | NA | |
| 19.) 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) | Unk | Yes | No | Unk | | NA | |

| Question | Owner | | | Occupants | | | Observed During Site Visit | | |
|---|---|---|---|---|---|---|---|---|---|
| 20.) Does the property discharge waste water on or adjacent to the property other than storm water into a sanitary sewer system ? | Yes[7] | (No) | Unk | Yes[7] | No | Unk | Yes[7] | (No) | Unk |
| 21.) To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the property ? | Yes | (No) | Unk | Yes | No | Unk | Yes | (No) | Unk[8] |
| 22.) Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs ? | Yes[9] | (No) | Unk | Yes[9] | No | Unk | Yes[9] | (No) | Unk |

## Government Records/Historical Sources Inquiry

23.) Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below:

| | | |
|---|---|---|
| National Priorities List - within 1.0 mile ? | Yes | (No) |
| CERCLIS List - within 0.5 mile ? | Yes | (No) |
| RCRA TSD Facilities - within 1.0 mile ? | Yes | (No) |

24.) Do any of the following state record systems list the property or any property within the circumference of the area noted below:

| | | |
|---|---|---|
| List maintained by state environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to NPL (DEP Directory of Spill Reports and Project Files) - within approximately 1.0 mile ? | (Yes) | No |
| List maintained by state environmental agency of sites identified for investigation or remediation that is the state agency equivalent to CERCLIS (DEP Potential Hazardous Substance Sites) - within 0.5 mile ? | (Yes) | No |
| Leaking Underground Storage Tank (LUST) List (DEP UTE Log) - within 0.5 mile ? | (Yes) | No |
| Solid Waste/Landfill Facilities (DEP Solid Waste License Application List)- within 0.5 mile ? | Yes | (No) |

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

(Yes) No NA(10)

This questionnaire was completed by:

Name Barry S. Timson
Title President
Firm Timson & Associates, Inc.
Address 418 Main Ave.
Farmingdale, ME 04344
Phone Number (207) 623-0053
Date June 16, 1998

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

Signature Date June 16, 1998

NOTES:

(1) Present Land Usage

| | Land Use | Owner | Dates |
|---|---|---|---|
| Subject Property | | | |
| Adjoining properties north | | | |
| Adjoining properties south | | | |
| Adjoining properties east | | | |
| Adjoining properties west | | | |

(2) Previous Land Usage

| | Land Use |
|---|---|
| Subject Property | |
| Adjoining properties north | |
| Adjoining properties south | |
| Adjoining properties east | |
| Adjoining properties west | |

(3) List items and their storage locations. If unfamiliar with the contents of any container located on the site, the question must be answered "yes" until the materials are identified.

(4) What was the origin of the fill ? Was any structure demolished "in place" that may have contained asbestos or hazardous waste ?

(5) Look for any asphalt or concrete patching that would indicate the possibility of previous UST removal.

(6) What are the discharge points of floor drains ?

(7) Each owner and each occupant should be asked where drain traps lead and the purpose of drainage pipes at the facility. All drain traps and pipes should be examined and their end points should be determined. Any ditches or streams on or adjacent to the site should be visually and physically observed for wastewater flow.

(8) Does the property evidence any mounds or depressions that suggest a disposal site ? Note the location of any mounds that do not appear to be naturally occurring.

(9) If elevator, capacitor, or other hydraulic equipment exists, check inspection or maintenance records to ensure that there have been no indications of release and that the machinery does not appear to be damaged or leaking. Have there been any instances of insulating oil leakages and, if so, do you suspect the leakages of being PCBs or being PCB contaminated ?

(10) Preparer may eliminate this research and answer "not applicable" to the question if the preparer is unable to find appropriate sources of fire insurance maps or individuals at the local fire department for the property with knowledge of the property's past use, after making a reasonable effort in good faith to locate such information or if the information is otherwise not reasonably ascertainable.

(11) If any of the questions set forth in the questionnaire are answered in the affirmative, the user must document the reason for the affirmative.

INFORMATION REPORTED BY USER REGARDING ENVIRONMENTAL LIENS OR SPECIALIZED KNOWLEDGE OR EXPERIENCE

(For Phase I Environmental Site Assessments Only)

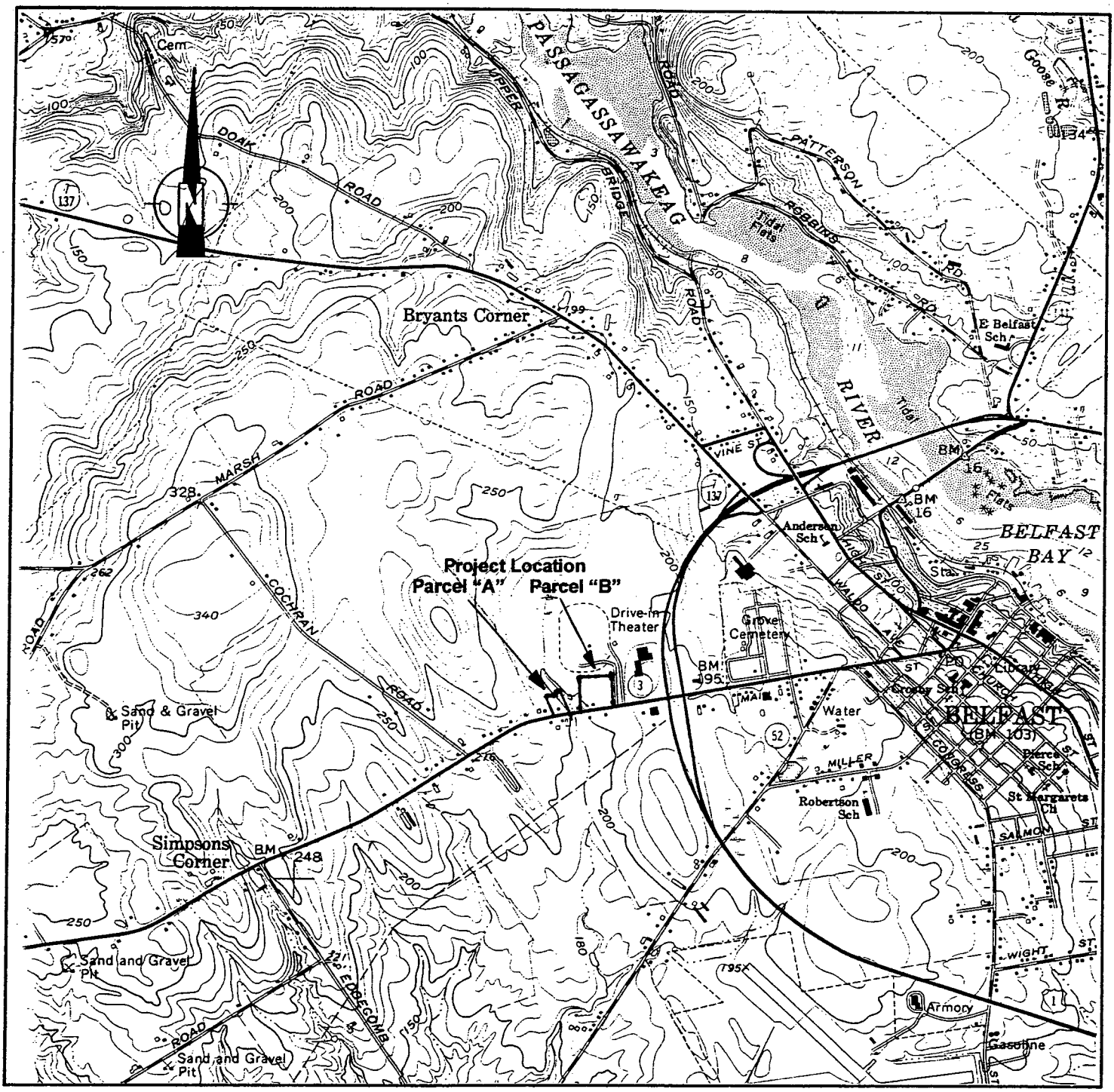
Did you check, or engage a title company or title professional to check, reasonably ascertainable recorded land title records for environmental liens currently recorded against the property ? Yes (No)

Are you aware of any specialized knowledge or experience that is relevant to recognized environmental conditions in connection with the property ?
(Yes) No

[If the user is purchasing the property]
Do you have actual knowledge that the purchase price of the property is significantly less than the purchase price of comparable properties ?
Yes (No)
[If affirmative, the user should make a written explanation of the lower price]

# Appendix D

**Figure 1 - Location Map**
**Figure 2 - Site Map**




# Figure 1: Location Map

***Parcel A – Nickerson's Exxon***
***Parcel B – Boynton Parcel***
***Route 3, Belfast, Maine***

Source: USGS 7.5' Quad. Belfast, ME. 1960, Photorevised 1973, Photoinspected 1979

| Job Code: | Drafted by: | Checked by: |
|---|---|---|
| EABT–RSBELFAST | P. McGovern | B. Timson |


Timson & Associates, Inc.
ENVIRONMENTAL SERVICES
Environmental Permitting
Geologic Consulting
Wetland Analyses
Environmental Assessments
Groundwater Investigations
P.O. Box 150, Hallowell, ME 04347

# Appendix E

# Duffield Associates Report of November 3, 1998

# DUFFIELD ASSOCIATES

DUFFIELD ASSOCIATES, INC.
CONSULTANTS IN THE GEOSCIENCES
5400 LIMESTONE ROAD
WILMINGTON, DELAWARE 19808-1232

TEL (302) 239-6634 · FAX (302) 239-8485
E-Mail: duffield@duffinet.com

November 3, 1997

Blaine M. Buck, P.E.
Bracebridge Corporation
c/o MBNA New England
32 Washington Street
Camden, ME 04843

RE: W.O. 3736.EE
Environmental Data Summary
Harland & Kay Nickerson Property
Belfast, Maine

Dear Mr. Buck:

Enclosed with this letter, please find the summarized analytic testing results reported for soil and groundwater samples collected from the Harland & Kay Nickerson Property (Exxon Station), located along the northern side of Maine Route 3, in Belfast, Maine. The enclosed Figure 2 provides information regarding the sampling locations. Petroleum (identified as gasoline) and typical volatile organic compounds associated with gasoline were detected in the collected samples. Based on these results, our site observations, the nearby stream and the presence of private groundwater supply wells in the area, our opinion is that the petroleum related environmental conditions may require removal to prevent significant threats to human health or the environment. Further evaluation of the site would be required to confirm this opinion.

In accordance with the requirements of Maine Title 38, Section 343-F, we request that you forward this information to the property owner. The property owner may have an obligation to disclose this condition to the Maine Department of Environmental Protection.

Should you have questions regarding this matter or require further information, please contact me at (302) 239-6634.

Very truly yours,

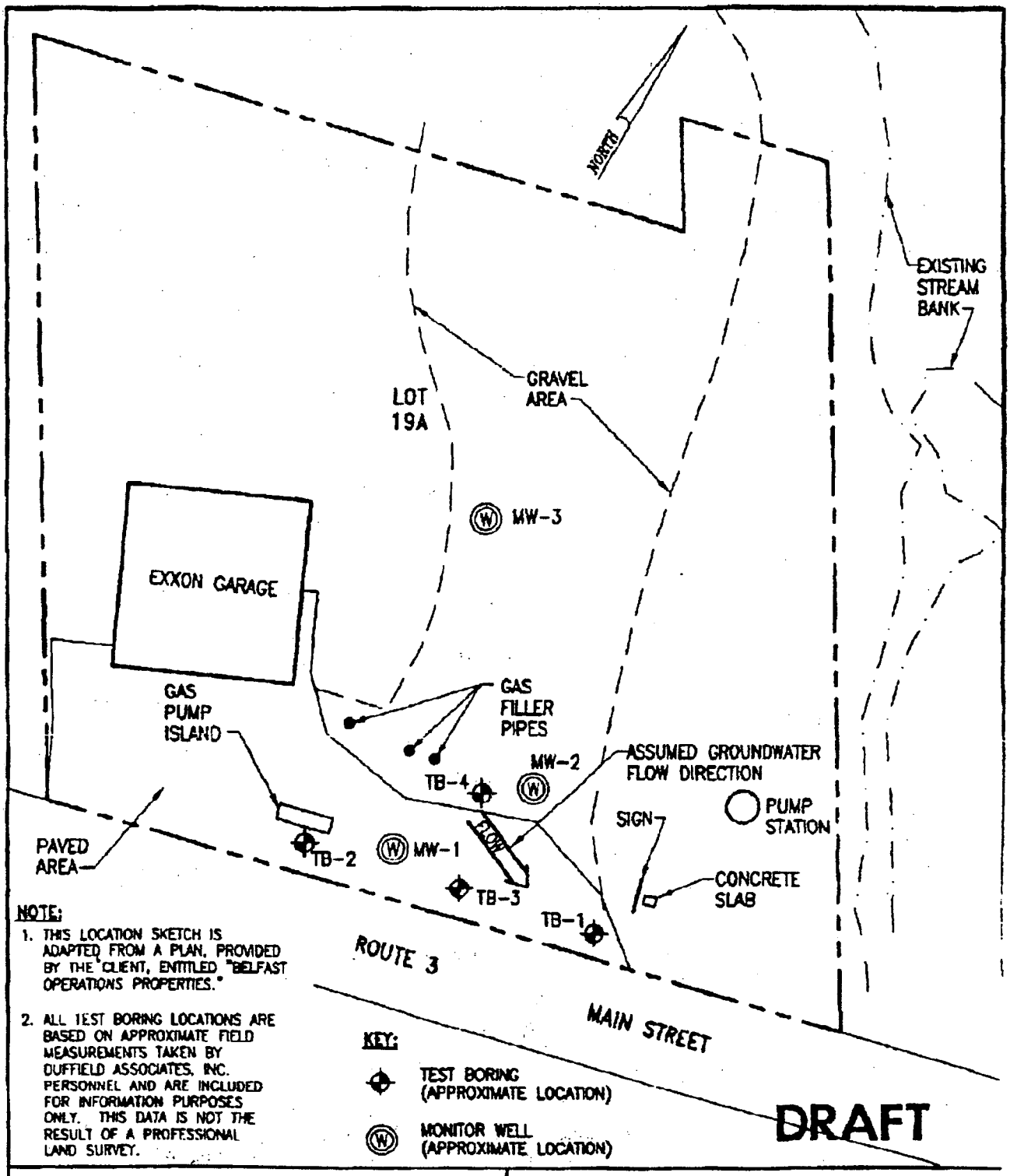
DUFFIELD ASSOCIATES, INC.

M. Richard Beringer

M. Richard Beringer, P.E.
Project Manager

MRB:mlc
WORD\3736EE-2 COR

Enclosure: Analytic Data Summary
Figure 2




# LOCATION SKETCH
# LOT 16B
# HARLAND & KAY NICKERSON PROPERTY
# MBNA AMERICA
BELFAST ~ MAINE

DUFFIELD ASSOCIATES
DUFFIELD ASSOCIATES, INC.
CONSULTANTS IN THE GEOSCIENCES
5400 LIMESTONE ROAD
WILMINGTON, DELAWARE 19808-1285
TEL. (302)239-6634 FAX (302)239-8485
E-MAIL: DUFFIELD@DUFFNET.COM

| | | | |
|---|---|---|---|
| Drawn: DSH | Chk'd: | Date: | 17 OCTOBER 1997 |
| Scale: | 1" = 30' | W.O.: | 3736.EE |
| Drawing No: | A-3736EE-2 | | FIGURE 2 |

© 1997 DUFFIELD ASSOCIATES, INC

# TABLE 2
## GROUNDWATER SAMPLE ANALYTIC SUMMARY

DRAFT

NICKERSON PROPERTY
BELFAST, MAINE

| Sample I.D. | | MW-1 | | MW-2 | | MW-3 | |
|---|---|---|---|---|---|---|---|
| Depth (ft.) | | | | | | | |
| Matrix | | water | | water | | water | |
| | UNITS | | | | | | |
| EDRO | mg/l | 3.8 | L | ND | U | ND | U |
| EDRO COMMENTS | | LIGHTER THAN DIESEL RANGE | | | | | |
| GRO | mg/l | 6.1 | | 2.2 | | ND | U |
| MTBE | mg/l | PENDING | | PENDING | | PENDING | |
| BENZENE | mg/l | PENDING | | PENDING | | PENDING | |
| TOLUENE | mg/l | PENDING | | PENDING | | PENDING | |
| ETHYL BENZENE | mg/l | PENDING | | PENDING | | PENDING | |
| XYLENES | mg/l | PENDING | | PENDING | | PENDING | |
| PPL METALS | | | | | | | |
| ANTIMONY | µg/l | ND | U | ND | U | ND | U |
| ARSENIC | µg/l | 40.0 | | ND | U | ND | U |
| BERYLLIUM | µg/l | ND | U | ND | U | ND | U |
| CADMIUM | µg/l | ND | U | ND | U | ND | U |
| CHROMIUM | µg/l | ND | U | ND | U | ND | U |
| COPPER | µg/l | ND | U | ND | U | ND | U |
| LEAD | µg/l | ND | U | ND | U | ND | U |
| MERCURY | µg/l | ND | U | ND | U | ND | U |
| NICKEL | µg/l | ND | U | ND | U | ND | U |
| SELENIUM | µg/l | ND | U | ND | U | ND | U |
| SILVER | µg/l | ND | U | ND | U | ND | U |
| THALLIUM | µg/l | ND | U | ND | U | ND | U |
| ZINC | µg/l | 38.3 | | 66.3 | | 67.5 | |
| PPL VOCs | | | | | | | |
| 1,2-DICHLOROETHANE | µg/l | 21 | | ND | U | ND | U |
| BENZENE | µg/l | 830 | E | 5.8 | | ND | U |
| TOLUENE | µg/l | 770 | E | 32 | | ND | U |
| ETHYLBENZENE | µg/l | 190 | | 40 | | ND | U |
| M+P-XYLENE | µg/l | 440 | E | 57 | | ND | U |
| O-XYLENE | µg/l | 180 | | 28 | | ND | U |
| ISOPROPYLBENZENE | µg/l | 11 | | 3.6 | J | ND | U |
| N-PROPYLBENZENE | µg/l | 36 | | 11 | | ND | U |
| 1,3,5-TRIMETHYLBENZENE | µg/l | 100 | | 21 | | ND | U |
| 1,2,4-TRIMETHYLBENZENE | µg/l | 220 | E | 62 | | ND | U |
| P-ISOPROPYLTOLUENE | µg/l | 6.8 | | 1.2 | J | ND | U |
| N-BUTYLBENZENE | µg/l | ND | U | 2.3 | J | ND | U |
| NAPHTHALENE | µg/l | 85 | | 18 | | ND | U |
| 1,2,3-TRICHLOROBENZENE | µg/l | ND | U | 2.3 | J | ND | U |
| 2-HEXANONE | µg/l | | | | | 1.1 | J |
| ISOPROPYL ETHER | µg/l | 10 | | | | NT | |
| CARBON DISULFIDE | µg/l | 7.8 | J | 43 | | NT | |
| PPL SVOCs | | PENDING | | PENDING | | PENDING | |
| pH | | PENDING | | 6.6 | | 6.7 | |

NOTES:

1. mg/l = milligrams per liter, µg/l = micrograms per liter
2. PPL = EPA priority pollutant list.
3. VOCs = volatile organic compounds.
4. SVOCs = semi-volatile organic compounds.
5. E = Concentration exceeds the calibration range of the instrument. JD = Quality Control Flags:
   J = Estimated Value, substance present but below the lower limit of reliable quantification,
   D = compounds were detected in an analysis performed at a secondary dilution factor,
   U = component was not detected.
6. EDRO = diesel range organics (extended range).
7. GRO = gasoline range organics.
8. MTBE = methyl tertiary-butyl ether.
9. ND = not detected.
10. NT = not tested.
11. This table is part of a letter dated November 3, 1997 and should be viewed only in that context.

W.O. 3738.EE
Duffield Associates, Inc.
October, 1997

EXCEL\3738EE.XLS

# TABLE 1
## SOIL SAMPLE ANALYTIC SUMMARY

NICKERSON PROPERTY
BELFAST, MAINE

**DRAFT**

| Sample I.D. | | NKK-1 | NKK-1 | NKK 2 | TB-1 | TB-2 | TB-2 | TB-3 | TB-4 | TB-4 | TP-1 | TP-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Depth (ft.) | | 4 - 6 ft. | 10 - 12 ft. | 4 - 6 ft | 6.5-7 | 2.5-4.5 | 6.5-8.5 | 2.5-3.7 | 4.5-6 | 8-8.5 | 0-0.2 | 0.4-0.6 |
| Matrix | | soil | soil | soil | soil | soil | soil | soil | soil | soil | soil | soil |
| | UNITS | | | | | | | | | | | |
| EDRO | mg/kg | 570 | ND | ND | ND | 370 | ND | 260 | ND | ND | NT | NT |
| EDRO COMMENTS | | LIGHTER THAN DIESEL RANGE | | | | LIGHTER THAN DIESEL RANGE | | LIGHTER THAN DIESEL RANGE | | | | |
| GRO | mg/kg | 678 | ND | 0.28 | ND | 678 | 2.3 | 12 | ND | 2.9 | NT | NT |
| MTBE | µg/kg | ND | ND | 0.078 | ND | ND | 470 | ND | ND | ND | NT | NT |
| BENZENE | µg/kg | ND | ND | 1.9 | ND | 6,300 | 230 | 31 | ND | ND | NT | NT |
| TOLUENE | µg/kg | 33,000 | ND | ND | ND | 32,000 | 470E | 190 | ND | 11 | NT | NT |
| ETHYL BENZENE | µg/kg | 20,000 | ND | 5.1 | ND | 12,000 | 71 | 250 | ND | 12 | NT | NT |
| XYLENES | µg/kg | 98,000 | ND | ND | ND | 62,000 | 350 | 1,200 | ND | 54 | NT | NT |
| PID READING | detection units | >225 | 20.25 | 58.25 | 23 | 9,450 | 4,163 | 13,275 | 214 | 281 | NT | NT |
| PCBs | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND | ND |
| METALS | | | | | | | | | | | | |
| ARSENIC | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 14.2 |
| BERYLLIUM | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 0.29 |
| CADMIUM | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 2.7 |
| CHROMIUM | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 28.5 |
| COPPER | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 25.8 |
| LEAD | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 649 |
| NICKEL | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 23.7 |
| SELENIUM | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 0.66 |
| CYANIDE | mg/kg | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | 150 |

5.0 high
1.0 high
5.0 high
5.0 high
0.73

NOTES:

1. mg/kg = milligrams per kilogram, µg/kg = micrograms per kilogram.
2. The polynuclear aromatic hydrocarbons results presented in this table were obtained as part of a Priority Pollutant List Semi-Volatile Organic Compounds scan.
3. E = Concentration exceeds the calibration range of the instrument
4. PID = Photoionization Detector.
5. PCB = polychlorinated biphenyls.
6. EDRO = diesel range organics (extended range).
7. GRO = gasoline range organics
8. ND = not detected.
9. NT = not tested.
10. This table is part of a letter dated November 3, 1997 and should be viewed only in that context

SBX-8 2-4
SBX-10 2-4
SBX-11 2-4

LAW OFFICES
McKITTRICK & WARREN, P.A.
36 CHESTNUT STREET
P. O. BOX 780
CAMDEN, MAINE 04843

RICHARD A. McKITTRICK
PETER G. WARREN

TELEPHONE
(207) 236-4333
FAX
(207) 236-6247

November 5, 1997

Ellis Cohn
Jaret & Cohn Real Estate
75 Elm Street
Camden, ME 04843

VIA FAX: 236-7859

Dear Ellis,

As attorney for Bracebridge Corporation, I am sending you this letter to advise you that Bracebridge Corporation has determined that it is dissatisfied with one or more of its findings under Paragraphs 13, 14 and 16 of its contract with Harland and Catherine Nickerson dated October 9, 1997 relating to the sale of property in Belfast, Maine. A letter to that effect has been sent to Mr. and Mrs. Nickerson through their attorney, Lee Woodward, Jr., exercising the right of Bracebridge Corporation to terminate the contract. Please promptly return to me all deposit monies which Jaret & Cohn is holding under that contract as escrow agent.

Yours very truly,

Peter G. Warren

PGW:pgw
copy: Lee Woodward, Jr.
Joseph Jaret

# Appendix F

## Maine Dept. of Environmental Protection Spill Report
## Boynton Oil Company

PC
DP

Oil & Hazardous Materials Report Form
Spill Number: A/471/90

Subject:
Name (Last, First MI): BOYNTON,JOHN/BOYNTON OIL COMP
Address: _____ Town: BELFAST
State: ME Zip-code: 04915 Telephone: 2073382307

Spill Information:
Location (Town): BELFAST Spill Type: A
Amount spilled: 3200.00 gals.Y cu. yds.N lbs.N bbls.N
Type of spill: 02
Date of Spill: 90/09/18 (yy/mm/dd) Time of Spill: ____ (Military)
Date Reported: 90/09/18 (yy/mm/dd) Time Reported: 1230 (Military)
Cause: 07 Detection method: 2I
Incident code: CBPP DEP response time involved: 31.0 (hours)
Number of wells at risk: 0 Number of wells impacted: 0
Investigators' names: 1. ANDREWS,J
2. WALL,G G.W.
3. GEHRLING,F

Person Reporting Incident:
Name (Last, First MI): BOYNTON,JOHN
Address: _____ Town: BELFAST
State: ME Zip-code: 04915 Telephone: 2073382307



Clean-up Information:

Total product recovered: 3100.00 gals.Y cu. yds.N lbs.N bbls.N
Method: ACG Non-recyclable: 840.00 gals.Y bbls.N
Solids: combustible: 5.0 cu. yds.Y tonsN
non-combustible: 140.0 cu.yds.
Recyclable material: 2140.00 gals.Y cu. yds.N lbs.N bbls.N
Number of filters installed: 0 Number of aerators installed: 0
Disposal information:
2140 GALS TO JETLINE/140 YDS LANDSPREAD

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)

Estimated Recovered product

2140 gal OIL - Vac truck
840 gal $H_2O$ - Vac truck
200 gal OIL - Sorbents
760 gal OIL — 140 yds of soil = 5.4 gal/yd

A-471-90

On September 18, 1990, John Boynton of Boynton Oil Company called this office to report a spill of 3,200 gallons of fuel oil at his facility in Belfast. This spill was the result of a corroded valve that fell off.

Boynton Oil Company is located in Belfast, Maine, on Route 3. There are two 15,000 gallon above ground bulk oil storage tanks at this facility. The above ground tanks did not have any containment.

The release of 3,200 gallons was not detected until sometime around 1200 hours. The spill occurred between 0800 and 1200 hours.

The oil spilled onto the ground. Some oil saturated the soil but a large amount of oil made its way to a small fresh water marsh and pond. This pond was completely covered by a layer of oil, 3/4$^{ths}$ of an inch thick.

Jon Andrews was the first Response staff person to arrive at the scene. We then notified Jetline that a vacuum truck and several men were needed. Jetline arrived at approximately 1600 hours.

Together Jon, Frank and I used a 100 foot length of containment boom to herd the oil into one section of the pond. Jetlines vacuum truck was then used to recover the product. This process continued into evening and then again the next day.

A total of 2,140 gallons of oil was collected by the use of the vacuum truck. An additional 200 gallons was recovered using sorbents.

I recommended to Mr. John Boynton that, he contact the State Fire Marshalls office concerning containment dikes and other such regulations. I also suggested that he have the inside of his tanks cleaned and have a SPCC Plan drafted.

On September 26, 1990, 140 yrds. of contaminated soil was removed. This soil was landspread on Mr. Boynton's property in Belfast, south of the airport.

I spoke with Mr. Boynton sometime in October and he told me that he had the tanks cleaned, inspected and applied for a permit with the State Fire Marshalls Office, to upgrade his Bulk Oil Storage facility.

/gmr

Oil & Hazardous Materials Report Form
Spill Number: A/471/90

FC DP

Subject:
Name (Last, First MI): BOYNTON,JOHN/BOYNTON OIL COMP
Address: _____ Town: BELFAST
State: ME Zip-code: 04915 Telephone: 2073382307

Spill Information:
Location (Town): BELFAST Spill Type: A
Amount spilled: 3200.00 gals.Y cu. yds.N lbs.N bbls.N
Type of spill: 02
Date of Spill: 90/09/18 (yy/mm/dd) Time of Spill: ____ (Military)
Date Reported: 90/09/18 (yy/mm/dd) Time Reported: 1230 (Military)
Cause: 07 Detection method: 2I
Incident code: CBPP DEP response time involved: 31.0 (hours)
Number of wells at risk: 0 Number of wells impacted: 0
Investigators' names: 1. ANDREWS,J
2. WALL,G GW
3. GEHRLING,F

Person Reporting Incident:
Name (Last, First MI): BOYNTON,JOHN
Address: _____ Town: BELFAST
State: ME Zip-code: 04915 Telephone: 2073382307

Oil & Hazardous Materials Report Form
Spill Number: A/471/90 (continued)

Clean-up Information:

Total product recovered: 3100.00 gals.Y cu. yds.N lbs.N bbls.N
Method: ACG Non-recyclable: 840.00 gals.Y bbls.N
Solids: combustible: 5.0 cu. yds.Y tonsN
non-combustible: 140.0 cu.yds.
Recyclable material: 2140.00 gals.Y cu. yds.N lbs.N bbls.N
Number of filters installed: 0 Number of aerators installed: 0
Disposal information:
2140 GALS TO JETLINE/140 YDS LANDSPREAD

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)

Estimated Recovered product

3000 gal Oil - Vac Truck
200 gal $H_2O$ - Vac truck
200 gal Oil - Sorbents
140 gal Oil - 140 yds of
Soil = 5.4 gal/yd

A-471-90

State of Maine
Department of Environmental Protection
Laboratory Results (FINAL)

Project name: BOYNTON OIL
Town/County: BELFASH
Station code: TOWN27010
Client: OIL AND HAZARDOUS MATERIALS
Appropriation: 4535.1030

Results to: GLEN WALL
Date sampled: 09/20/90
Date reported: 10/01/90
Form number: 012469
QC Check: SM

********** Sample Information **********

| User Number | Lab Number | Matrix | Type | Dup |
|---|---|---|---|---|
| 34636 | 34636 | WATER | GRAB | |

********** Analysis Information **********

| User ID | M | Parameter | Method | An | Ext Date | Ana Date | Prec/Acc |
|---|---|---|---|---|---|---|---|
| 34636 | W | OIL FUEL | SEE ANAL | MK | 09/25/90 | 09/26/90 | |
| | | SAMPLE PREPARATION | DONE | MK | | 09/25/90 | |

(1) SAMPLE #34636 CHROMATOGRAPHED IN THE RANGE OF #2 FUEL OIL AT A CONCENTRATION OF 3700 MG/L WHEN CALCULATED AGAINST A #2 FUEL OIL STANDARD.

A-471-90

State of Maine
Department of Environmental Protection
Laboratory Results (FINAL)

Project name: BOYNTON OIL
Town/County: BELFASH
Station code: TOWN27010
Client: OIL AND HAZARDOUS MATERIALS
Appropriation: 4535.1030

Results to: GLEN WALL
Date sampled: 09/20/90
Date reported: 10/01/90
Form number: 012469
QC Check: JM

********** Sample Information **********

| User Number | Lab Number | Matrix | Type | Dup |
|---|---|---|---|---|
| 34636 | 34636 | WATER | GRAB | |

********** Parameter Information **********

| User ID | Matrix | Parameter | Conc. | Units | Prec/Acc |
|---|---|---|---|---|---|
| 34636 | WATER | * OIL FUEL | (1) | MG/L | |
| | | * SAMPLE PREPARATION | DONE | NONE | |

(1) SAMPLE #34636 CHROMATOGRAPHED IN THE RANGE OF #2 FUEL OIL AT A CONCENTRATION OF 3700 MG/L WHEN CALCULATED AGAINST A #2 FUEL OIL STANDARD.
J = approximately; K = less than; L = greater than; NA = not analyzed

Sample taken from discharge of Vac truck

A-471-90

State of Maine
Department of Environmental Protection
Laboratory Results (FINAL)

Project name: BOYNTON OIL
Town/County: BELFAST
Station code: TOWN27010
Client: OIL AND HAZARDOUS MATERIALS
Appropriation: 4535.1040

Results to: GLEN WALL
Date sampled: 09/26/90
Date reported: 10/10/90
Form number: 010949
QC Check: SM

********** Sample Information **********

| User Number | Lab Number | Matrix | Type | Dup |
|---|---|---|---|---|
| 29596 | 29596 | SOIL | GRAB | |

********** Analysis Information **********

| User ID | M | Parameter | Method | An | Ext Date | Ana Date | Prec/Acc |
|---|---|---|---|---|---|---|---|
| 29596 | S | OIL FUEL | SEE ANAL | MK | 10/01/90 | 10/04/90 | |
| | | SAMPLE PREPARATION | DONE | MK | | 10/01/90 | |

1) SAMPLE #29596 CHROMATOGRAPHED IN THE RANGE OF SLIGHTLY WEATHERED #2 FUEL OIL AT A CONCENTRATION OF 4500 MG/KG WHEN CALCULATED AGAINST A #2 FUEL OIL STANDARD.

/A-411-90

State of Maine
Department of Environmental Protection
Laboratory Results (FINAL)

ject name: BOYNTON OIL
n/County: BELFAST
tion code: TOWN27010
ent: OIL AND HAZARDOUS MATERIALS
ropriation: 4535.1040

Results to: GLEN WALL
Date sampled: 09/26/90
Date reported: 10/10/90
Form number: 010949
QC Check: SM 9/11

********** Sample Information **********

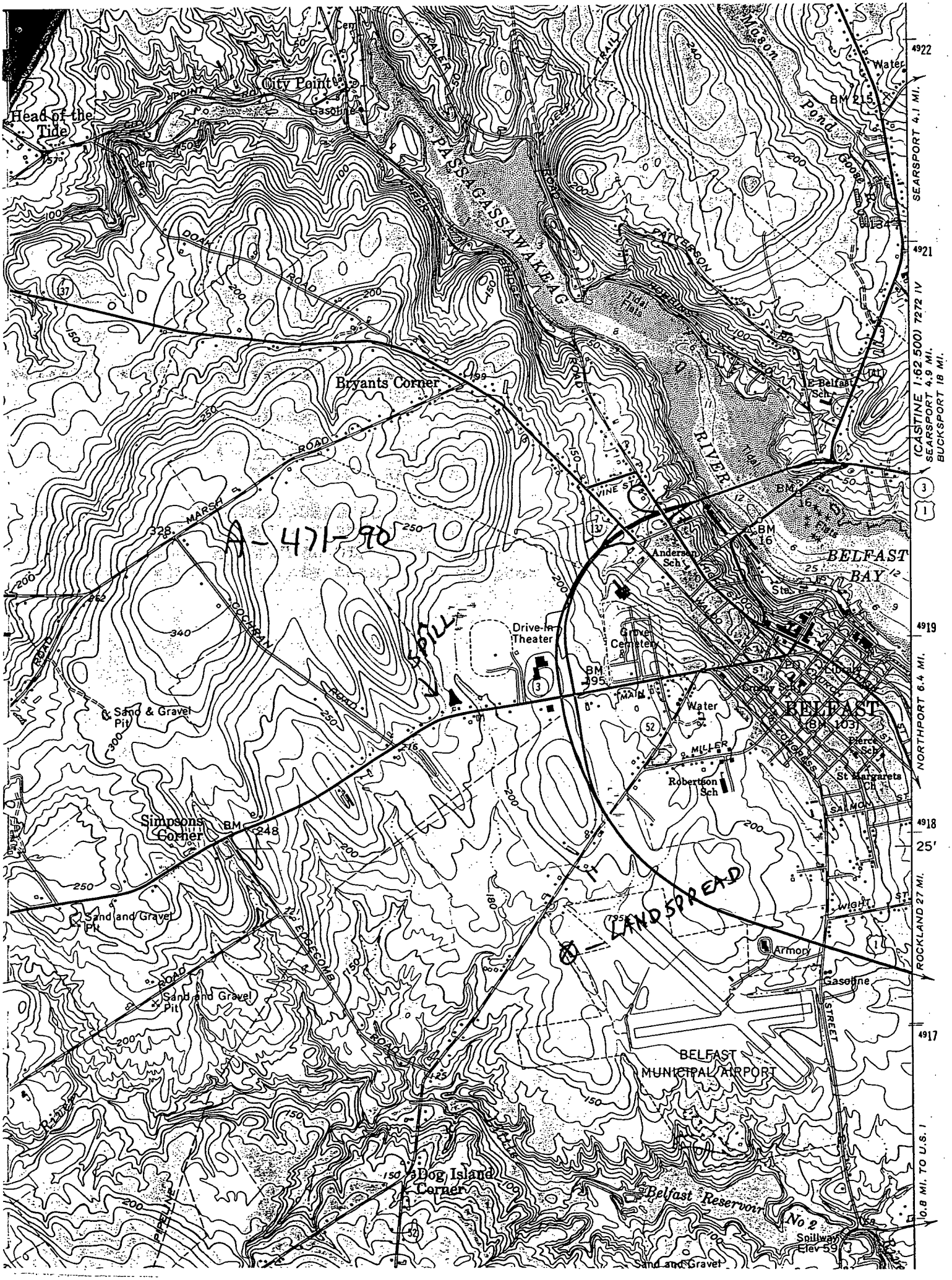
| User Number | Lab Number | Matrix | Type | Dup |
|---|---|---|---|---|
| 29596 | 29596 | SOIL | GRAB | |

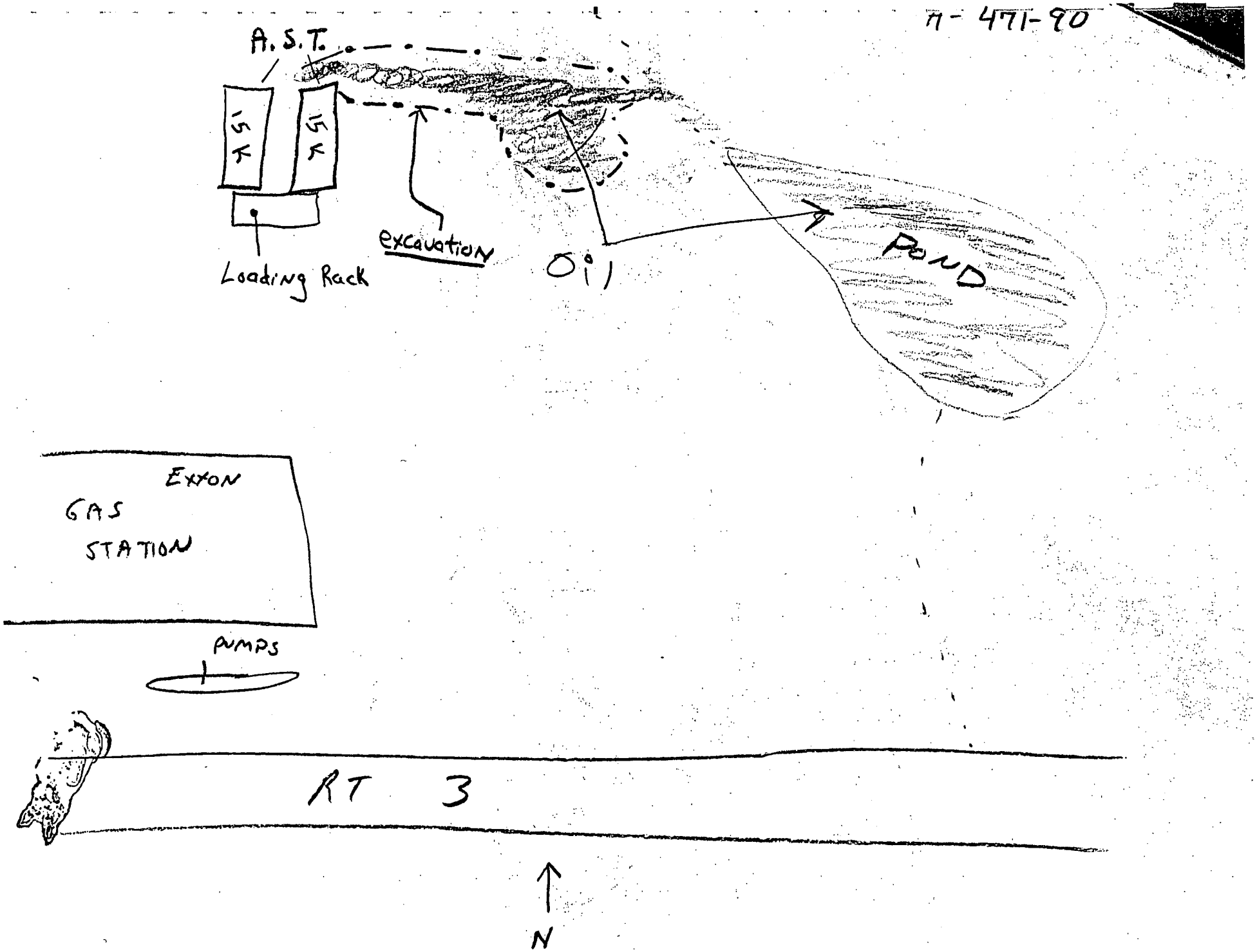
********** Parameter Information **********

| ID | Matrix | Parameter | Conc. | Units | Prec/Acc |
|---|---|---|---|---|---|
| 96 | SOIL | * OIL FUEL | (1) | MG/KG | |
| | | * SAMPLE PREPARATION | DONE | NONE | |

SAMPLE #29596 CHROMATOGRAPHED IN THE RANGE OF SLIGHTLY
THERED #2 FUEL OIL AT A CONCENTRATION OF 4500 MG/KG WHEN
CULATED AGAINST A #2 FUEL OIL STANDARD.
approximately; K = less than; L = greater than; NA = not analyzed

Soil sample from
spill area.


A-471-90
SPILL
LANDSPREAD
Head of the Tide
City Point
Bryants Corner
Simpsons Corner
Dog Island Corner
Drive-In Theater
Grove Cemetery
Andersen Sch
Robertson Sch
Pierce Sch
St Margarets Ch
Armory
Library
Water
Gasoline
Sand & Gravel Pit
Sand and Gravel Pit
Sand and Gravel
BELFAST
BELFAST BAY
BELFAST MUNICIPAL AIRPORT
Belfast Reservoir No 2
Spillway Elev 59
PASSAGASSAWAKEAG RIVER
MARSH RIVER
BOAR ROAD
COOMBS ROAD
MILLER
MAIN
WIGHT
CONGRESS
MONROE
HIGH
CHURCH
VINE
WALDO
STREET
BM 215
BM 16
BM 248
BM 195
(CASTINE 1:62 500) 7272 IV
SEARSPORT 4.9 MI.
BUCKSPORT 18 MI.
SEARSPORT 4.1 MI.
NORTHPORT 6.4 MI.
ROCKLAND 27 MI.
10.8 MI. TO U.S. 1
25'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# Appendix G

# Boring Logs

MAINE TEST BORINGS, INC.
BREWER, MAINE 04412

CLIENT: TIMSON & PETERS

SHEET 1 OF 1

HOLE NO. SBX-1

DRILLER: TOM SCHAEFER

PROJECT NAME: R.S. BELFAST

LINE & STATION:

T.B. JOB NUMBER: 3-046

LOCATION: BELFAST, ME

OFFSET:

GROUND WATER OBSERVATIONS

AT FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINISH |
|---|---|
| 04/03/98 | 04/03/98 |

SURFACE ELEVATION:

| CASING BLOWS PER FOOT | SAMPLE NO | SAMPLE O.D | SAMPLE PEN | SAMPLE REC | SAMPLE DEPTH @ BOT | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1D | 2" | 24" | | 2.0 | 3 | 3 | 5 | 10 | | BROWN SILTY GRAVELLY SAND (FILL) |
| | 2D | 2" | 24" | | 4.0 | 3 | 4 | 4 | 14 | 4.0 | |
| | | | | | | | | | | | BOTTOM OF BORING @ 4.0' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:
WATER @ 2.3'

HOLE NO. SBX-1

MAINE TEST BORINGS, INC.
BREWER, MAINE 04412

CLIENT
TIMSON & PETERS

SHEET 1 OF 1

HOLE NO. SBX-2

DRILLER
TOM SCHAEFER

PROJECT NAME
R.S. BELFAST

LINE & STATION

T.B. JOB NUMBER
98-046

LOCATION
BELFAST, ME

OFFSET

ROUND WATER OBSERVATIONS

T FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINIS |
|---|---|
| 04/03/98 | 04/03/98 |

SURFACE ELEVATION

| ASING LOWS ER OOT. | SAMPLE NO. | O.D. | PEN. | REC. | DEPTH @ BOT. | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1D | 2" | 12" | | 1.0 | 28 | 60 | | | | |
| | | | | | | | | | | | BROWN GRAVELLY SAND (FILL) W/COBBLES |
| | 2D | 2" | 24" | | 3.5 | 6 | 9 | 5 | 5 | 3.5 | |
| | | | | | | | | | | | BOTTOM OF BORING @ 3.5' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:
WATER @ 2.4'

HOLE NO. SBX-2

MAINE TEST BORINGS, INC.
BREWER, MAINE 04412

CLIENT
TIMSON & PETERS

SHEET 1 OF 1

HOLE NO. SBX-3

DRILLER
TOM SCHAEFER

PROJECT NAME
R.S. BELFAST

LINE & STATION

M.T.B. JOB NUMBER
98-046

LOCATION
BELFAST, ME

OFFSET

GROUND WATER OBSERVATIONS

AT FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINISH |
|---|---|
| 04/03/98 | 04/03/98 |

SURFACE ELEVATION

| CASING BLOWS PER FOOT | SAMPLE NO. | SAMPLE O.D. | SAMPLE PEN. | SAMPLE REC. | SAMPLE DEPTH @ BOT. | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 0.5 | BROWN SANDY SILT |
| | 1D | 2" | 24" | | 2.0 | 2 | 7 | 6 | 6 | 2.0 | BROWN SILTY GRAVELLY SAND W/SOME CLAY |
| | 2D | 2" | 24" | | 4.0 | 15 | 32 | 23 | 30 | 4.0 | MOTTLED SILTY GRAVELLY SAND WITH T/CLAY |
| | | | | | | | | | | | BOTTOM OF BORING @ 4.0' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:
WATER @ SURFACE

HOLE NO. SBX-3

| | | |
|---|---|---|
| MAINE TEST BORINGS, INC.<br>BREWER, MAINE 04412 | CLIENT<br>TIMSON & PETERS | SHEET 1 OF 1<br>HOLE NO. SBX-4 |
| DRILLER<br>TOM SCHAEFER | PROJECT NAME<br>R.S. BELFAST | LINE & STATION |
| T.B. JOB NUMBER<br>B-046 | LOCATION<br>BELFAST, ME | OFFSET |

| GROUND WATER OBSERVATIONS | | | | | CASING | SAMPLER | CORE BARREL | DATE START | DATE FINISH |
|---|---|---|---|---|---|---|---|---|---|
| AT | FT. | AFTER | HOURS | TYPE | HS | SS | | 04/03/98 | 04/03/98 |
| | | | | SIZE I.D. | 2 1/2" | 1 3/8" | | SURFACE ELEVATION | |
| | FT. | AFTER | HOURS | HAMMER WT. | | 140 | | | |
| | | | | HAMMER FALL | | 16" | | | |

| CASING BLOWS PER FOOT | SAMPLE NO. | SAMPLE O.D | SAMPLE PEN | SAMPLE REC | SAMPLE DEPTH @ BOT | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1D | 2" | 24" | | 2.0 | 2 | 5 | 6 | 12 | | BROWN SILTY GRAVELLY SAND |
| | 2D | 2" | 24" | | 4.0 | 4 | 3 | 21 | 8 | 4.0 | |
| | | | | | | | | | | | BOTTOM OF BORING @ 4.0' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:
WATER @ SURFACE

HOLE NO. SBX-4

MAINE TEST BORINGS, INC.
T BREWER, MAINE 04412

CLIENT
TIMSON & PETERS

SHEET 1 OF 1

HOLE NO. SBX-5

DRILLER
TOM SCHAEFER

PROJECT NAME
R.S. BELFAST

LINE & STATION

T.B. JOB NUMBER
3-046

LOCATION
BELFAST, ME

OFFSET

ROUND WATER OBSERVATIONS

T · FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINISH |
|---|---|
| 04/03/98 | 04/03/98 |

SURFACE ELEVATION

| ASING LOWS ER OOT | SAMPLE NO | O.D | PEN. | REC | DEPTH @ BOT | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1D | 2" | 24" | | 2.0 | 3 | 5 | 6 | 6 | | BROWN SILTY GRAVELLY SAND W/SOME CLAY (FILL) |
| | | | | | | | | | | 3.0 | |
| | 2D | 2" | 24" | | 4.0 | 5 | 5 | 6 | 8 | 4.0 | MOTTLED CLAYEY SILT WITH T/SILTY FINE SAND LAYERS |
| | | | | | | | | | | | BOTTOM OF BORING @ 4.0' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:
WATER @ 0.7'

HOLE NO. SBX-5

MAINE TEST BORINGS, INC.
BREWER, MAINE 04412

CLIENT: TIMSON & PETERS

SHEET 1 OF 1

HOLE NO. SBX-6

DRILLER: TOM SCHAEFER

PROJECT NAME: R.S. BELFAST

LINE & STATION:

T.B. JOB NUMBER: 3-046

LOCATION: BELFAST, ME

OFFSET:

GROUND WATER OBSERVATIONS

T FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINISH |
|---|---|
| 04/03/98 | 04/03/98 |

SURFACE ELEVATION:

| CASING BLOWS PER FOOT | SAMPLE NO. | SAMPLE O.D | SAMPLE PEN | SAMPLE REC | SAMPLE DEPTH @ BOT | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | BROWN GRAVELLY SAND WITH TRACE OF CLAY (FILL) |
| | 1D | 2" | 24" | | 2.0 | 2 | 4 | 3 | 4 | 2.5 | |
| | 2D | 2" | 24" | | 4.0 | 4 | 8 | 22 | 25 | 4.0 | MOTTLED CLAYEY SILT W/SILTY FINE SAND LAYERS |
| | | | | | | | | | | | BOTTOM OF BORING @ 4.0' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:
WATER @ 0.8'

HOLE NO. SBX-6

MAINE TEST BORINGS, INC.
BREWER, MAINE 04412

CLIENT
TIMSON & PETERS

SHEET 1 OF 1

HOLE NO. SBX-7

DRILLER
TOM SCHAEFER

PROJECT NAME
R.S. BELFAST

LINE & STATION

T.B. JOB NUMBER
B-046

LOCATION
BELFAST, ME

OFFSET

ROUND WATER OBSERVATIONS

T FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINISH |
|---|---|
| 04/03/98 | 04/03/98 |

SURFACE ELEVATION

| CASING BLOWS PER FT. | SAMPLE NO | SAMPLE O.D. | SAMPLE PEN. | SAMPLE REC. | SAMPLE DEPTH @ BOT | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 0.2 | TAR |
| | 1D | 2" | 24" | | 2.2' | 6 | 8 | 2 | 2 | 1.8 | BROWN GRAVELLY SAND |
| | 2D | 2" | 24" | | 4.2 | 4 | 5 | 2 | 3 | 4.2 | GRAY CLAYEY SILTY SAND |
| | | | | | | | | | | | BOTTOM OF BORING @ 4.2' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:
WATER @ 0.7'

HOLE NO. SBX-7

MAINE TEST BORINGS, INC.
BREWER, MAINE 04412

CLIENT: TIMSON & PETERS

SHEET 1 OF 1

HOLE NO. SBX-8

DRILLER: TOM SCHAEFER

PROJECT NAME: R.S. BELFAST

LINE & STATION:

T.B. JOB NUMBER: 3-046

LOCATION: BELFAST, ME

OFFSET:

GROUND WATER OBSERVATIONS

T FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINISH |
|---|---|
| 04/06/98 | 04/06/98 |

SURFACE ELEVATION:

| CASING BLOWS PER FOOT | SAMPLE NO. | SAMPLE O.D. | SAMPLE PEN. | SAMPLE REC. | SAMPLE DEPTH @ BOT. | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 0.2 | TAR |
| | 1D | 2" | 24" | | 2.2 | 12 | 7 | 3 | 1 | 3.8 | BROWN GRAVELLY SAND |
| | 2D | 2" | 24" | | 4.2 | WOH | 2 | 1 | 2 | 4.2 | GRAY-BROWN SANDY CLAY |
| | | | | | | | | | | | BOTTOM OF BORING @ 4.2' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:
WATER @ 2.2'

HOLE NO. SBX-8

MAINE TEST BORINGS, INC.
BREWER, MAINE 04412

CLIENT
TIMSON & PETERS

SHEET 1 OF 1

HOLE NO. SBX-9

DRILLER
TOM SCHAEFER

PROJECT NAME
R.S. BELFAST

LINE & STATION

T.B. JOB NUMBER
3-046

LOCATION
BELFAST, ME

OFFSET

GROUND WATER OBSERVATIONS

T FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINISH |
|---|---|
| 04/06/98 | 04/06/98 |

SURFACE ELEVATION

| CASING BLOWS PER FOOT | SAMPLE NO | SAMPLE O.D | SAMPLE PEN | SAMPLE REC | SAMPLE DEPTH @ BOT | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1D | 2" | 18" | | 1.5 | 3 | 15 | 70 | | | |
| | | | | | | | | | | | BROWN GRAVELLY SAND W/TRACE OF COBBLES |
| | 2D | 2" | 24" | | 4.0 | 4 | 4 | 2 | 3 | | |
| | | | | | | | | | | 5.0 | |
| | 3D | 2" | 24" | | 6.0 | 9 | 22 | 9 | 6 | 5.8 | BROWN CLAYEY SILTY GRAVELLY SAND |
| | | | | | | | | | | 7.5 | GRAY CLAYEY SILT WITH ORGANICS |
| | 4D | 2" | 24" | | 8.0 | 3 | 5 | 5 | 7 | 8.0 | MOTTLED CLAYEY SILT |
| | | | | | | | | | | | BOTTOM OF BORING @ 8.0' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:

HOLE NO. SBX-9

MAINE TEST BORINGS, INC.
BREWER, MAINE 04412

CLIENT
TIMSON & PETERS

SHEET 1 OF 1

HOLE NO. SBX-10

DRILLER
TOM SCHAEFER

PROJECT NAME
R.S. BELFAST

LINE & STATION

T.B. JOB NUMBER
3-046

LOCATION
BELFAST, ME

OFFSET

GROUND WATER OBSERVATIONS

T FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINISH |
|---|---|
| 04/06/98 | 04/06/98 |

SURFACE ELEVATION

| CASING BLOWS PER FOOT | SAMPLE NO. | SAMPLE O.D. | SAMPLE PEN. | SAMPLE REC. | SAMPLE DEPTH @ BOT | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1D | 2" | 24" | | 2.0 | 9 | 11 | 6 | 4 | | |
| | | | | | | | | | | | BROWN GRAVELLY SAND |
| | 2D | 2" | 24" | | 4.0 | 6 | 4 | 2 | 1 | | |
| | 3D | 2" | 24" | | 6.0 | 2 | 3 | 6 | 10 | 6.0 | |
| | | | | | | | | | | | BOTTOM OF BORING @ 6.0' |

SAMPLES
D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:
[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:
WATER @ 2.2'

HOLE NO. SBX-10

| | | |
|---|---|---|
| MAINE TEST BORINGS, INC.<br>BREWER, MAINE 04412 | CLIENT<br>TIMSON & PETERS | SHEET 1 OF 1<br>HOLE NO. SBX-11 |
| DRILLER<br>TOM SCHAEFER | PROJECT NAME<br>R.S. BELFAST | LINE & STATION |
| T.B. JOB NUMBER<br>8-046 | LOCATION<br>BELFAST, ME | OFFSET |

GROUND WATER OBSERVATIONS

T FT. AFTER HOURS

FT. AFTER HOURS

| | CASING | SAMPLER | CORE BARREL |
|---|---|---|---|
| TYPE | HS | SS | |
| SIZE I.D. | 2 1/2" | 1 3/8" | |
| HAMMER WT. | | 140 | |
| HAMMER FALL | | 16" | |

| DATE START | DATE FINISH |
|---|---|
| 04/06/98 | 04/06/98 |

SURFACE ELEVATION

| CASING BLOWS PER FOOT | SAMPLE NO. | SAMPLE O.D | SAMPLE PEN. | SAMPLE REC. | SAMPLE DEPTH @ BOT. | BLOWS PER 6" ON SAMPLER 0-6 | 6-12 | 12-18 | VANE READING | DEPTH | STRATUM DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 0.2 | TAR |
| | 1D | 2" | 24" | | 2.2 | 45 | 38 | 15 | 7 | 3.0 | BROWN GRAVELLY SAND |
| | 2D | 2" | 24" | | 4.2 | 6 | 6 | 7 | 9 | 4.2 | MOTTLED CLAYEY SILT WITH T/SILTY FINE SAND |
| | | | | | | | | | | | BOTTOM OF BORING @ 4.2' |

SAMPLES

D = SPLIT SPOON
C = 2" SHELBY TUBE
S = 3" SHELBY TUBE
P = 3½" SHELBY TUBE

SOIL CLASSIFIED BY:

[XX] DRILLER-VISUALLY
[ ] SOIL TECHNICIAN-VISUALLY
[ ] LABORATORY TESTS

REMARKS:

DRY

HOLE NO. SBX-11

# Appendix H

## Petroleum Hydrocarbon and Metal Concentrations Table

# Table 1
## Petroleum Hydrocarbon and Metal Concentrations
### Nickerson's Exxon Station
### Route 3, Belfast, Maine
### April 3 & 6, 1998

| Sample ID | PID Head Space Reading | PID Corrected (x4.4) | GRO (ppb) | DRO (ppm) | Laboratory Analysis (ppm) As | Ba | Cd | Cr | Pb | Hg | Se | Ag |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SBX-1** | | | | | | | | | | | | |
| 0'-2' | 1 | 4.4 | | | | | | | | | | |
| 2'-4' | 0 | - | | | | | | | | | | |
| **SBX-2** | | | | | | | | | | | | |
| 0'-1' | 0 | - | | | 25.5 | 70 | <0.2 | 31 | 8 | 0.02 | 0.74 | <1 |
| 1.5'-3.5' | 0 | - | | | | | | | | | | |
| **SBX-3** | | | | | | | | | | | | |
| 0'-2' | 0 | - | | | | | | | | | | |
| 2'-4' | 0 | - | | | | | | | | | | |
| **SBX-4** | | | | | | | | | | | | |
| 0'-2' | 05 | 22.0 | | | | | | | | | | |
| 2'-4' | 07 | 30.8 | | | | | | | | | | |
| **SBX-5** | | | | | | | | | | | | |
| 0'-2' | 4.2 | 18.5 | | | | | | | | | | |
| 2'-4' | 8.9 | 39.2 | | | | | | | | | | |
| **SBX-6** | | | | | | | | | | | | |
| 0'-2' | 9.1 | 40.0 | | | | | | | | | | |
| 2'-4' | 10.4 | 45.8 | | | | | | | | | | |
| **SBX-7** | | | | | | | | | | | | |
| 0.2'-2.2' | 9.5 | 41.8 | | | 10.0 | 110 | <0.2 | 25 | 78 | 0.05 | 0.78 | <1 |
| 2.2'-4.2' | 12.2 | 53.7 | | | | | | | | | | |
| **SBX-8** | | | | | | | | | | | | |
| 0'-2.2' | 22 | 96.8 | | | | | | | | | | |
| 2.2'-4.2 | 18 | 79.2 | 16400 | 25 | | | | | | | | |
| **SBX-9** | | | | | | | | | | | | |
| 0'-1.5' | 4.3 | 18.9 | | | | | | | | | | |
| 2'-4' | 0.8 | 3.5 | | | | | | | | | | |
| 4'-6' | 6.8 | 29.9 | | | | | | | | | | |
| 6'-8' | 0.6 | 2.6 | | | | | | | | | | |
| **SBX-10** | | | | | | | | | | | | |
| 0'-2- | 0.8 | 3.5 | | | | | | | | | | |
| 2'-4' | 0.8 | 3.5 | | 6 | | | | | | | | |
| 4'-6' | 2.4 | 10.6 | ND | | | | | | | | | |
| **SBX-11** | | | | | | | | | | | | |
| 0'-2.2' | 6.8 | 29.9 | | | | | | | | | | |
| 2.2'-4.2' | 18 | 79.2 | 21600 | 221 | | | | | | | | |
| **SBX-10W** | | | 562 | 560(ppb) | | | | | | | | |

# Appendix I

## Laboratory Analyses Reports and Chain-of-Custody Forms

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

**Re: TPI 028-98**

Enclosed are the results of the analyses on your sample(s). Please see individual reports for specific methodologies and references. Samples were received in acceptable condition, with the exceptions noted on the chain of custody.

If you have any further question on the analytical methods or these results, do not hesitate to call.

| Lab Number | Sample Date | Station Location | Analysis | Comments |
|---|---|---|---|---|
| 39491-1 | 04/06/98 | SBX-10W | Maine HETL Method 4.2.17 | |
| | 04/06/98 | SBX-10W | Maine HETL Method 4.1.25 | |
| 39491-2 | 04/06/98 | SBX-8 2'-4' | Maine HETL Method 4.2.17 | |
| | 04/06/98 | SBX-8 2'-4' | Maine HETL Method 4.1.25 | |
| 39491-3 | 04/06/98 | SBX-10 4'-6' | Maine HETL Method 4.2.17 | |
| 39491-4 | 04/06/98 | SBX-11 2'-4' | Maine HETL Method 4.2.17 | |
| | 04/06/98 | SBX-11 2'-4' | Maine HETL Method 4.1.25 | |
| 39491-5 | 04/06/98 | SBX-10 2'-4' | Maine HETL Method 4.1.25 | |

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, and North Dakota. A list of actual certified tests is available upon request.

Authorized signature _____

Date 4-20-98

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98

**Project Number:**

**Station ID:** SBX-10W

**Lab #:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-1 | **562** | µg/L | 10 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | **85** | µg/L | 5 |
| Benzene | **16** | µg/L | 1 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 98 % |
| Bromofluorobenzene | 104 % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:**

Authorized signature _____

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Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98

**Project Number:**

**Station ID:** SBX-8 2'-4'

**Lab #:** 39491-2
**Matrix:** Soil
**Percent Solid:** 82
**Dilution Factor:** 12
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-2 | **16400** | µg/kg | 2400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 60 |
| Benzene | **169** | µg/kg | 12 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 105 % |
| Bromofluorobenzene | 249* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** **Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.**

Authorized signature _____

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Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98

**Project Number:**

**Station ID:** SBX-10 4'-6'

**Lab #:** 39491-3
**Matrix:** Soil
**Percent Solid:** 85
**Dilution Factor:** 11
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/13/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-3 | ND | µg/kg | 2200 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 55 |
| Benzene | ND | µg/kg | 11 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 98 % |
| Bromofluorobenzene | 93 % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** **Results are expressed on a dry weight basis.**

Authorized signature _____

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Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98

**Project Number:**

**Station ID:** SBX-11 2'-4'

**Lab #:** 39491-4
**Matrix:** Soil
**Percent Solid:** 84
**Dilution Factor:** 22
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-4 | **21600** | µg/kg | 4400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 110 |
| Benzene | **43** | µg/kg | 22 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 84 % |
| Bromofluorobenzene | 124* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** **Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.**

Authorized signature

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Mr. Herb Kodis
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PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98

**Project Number:**

**Field Sample ID:** SBX-10W

**SAMPLE DATA**

**Lab Sample ID:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/09/98
**Analysis Date:** 04/11/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| **560** | µg/L | 50 |

**Surrogate Standard Recovery**

m-Terphenyl 94 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:**

Authorized signature

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Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98

**Project Number:**

**Field Sample ID:** SBX-8 2'-4'

**SAMPLE DATA**

**Lab Sample ID:** 39491-2
**Matrix:** Soil
**Percent Solid:** 82
**Dilution Factor:** 1.1
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/13/98
**Analysis Date:** 04/18/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 25 | mg/kg | 6 |

**Surrogate Standard Recovery**

| | | |
|---|---|---|
| m-Terphenyl | 94 | % |

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:** Results are expressed on a dry weight basis. Chromatogram contains peaks which elute after the DRO window.

Authorized signature

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PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98

**Project Number:**

**Field Sample ID:** SBX-11 2'-4'

**SAMPLE DATA**

**Lab Sample ID:** 39491-4
**Matrix:** Soil
**Percent Solid:** 84
**Dilution Factor:** 12
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/13/98
**Analysis Date:** 04/18/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| **221** | mg/kg | 60 |

**Surrogate Standard Recovery**

m-Terphenyl 120 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:** Results are expressed on a dry weight basis. Chromatogram contains peaks which elute after the DRO window.

Authorized signature

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**Re: TPI 028-98**

Enclosed are the results of the analyses on your sample(s). Please see individual reports for specific methodologies and references. Samples were received in acceptable condition, with the exceptions noted on the chain of custody.

If you have any further question on the analytical methods or these results, do not hesitate to call.

| Lab Number | Sample Date | Station Location | Analysis | Comments |
|---|---|---|---|---|
| 39491-1 | 04/06/98 | SBX-10W | Maine HETL Method 4.2.17 | |
| | 04/06/98 | SBX-10W | Maine HETL Method 4.1.25 | |
| 39491-2 | 04/06/98 | SBX-8 2'-4' | Maine HETL Method 4.2.17 | |
| | 04/06/98 | SBX-8 2'-4' | Maine HETL Method 4.1.25 | |
| 39491-3 | 04/06/98 | SBX-10 4'-6' | Maine HETL Method 4.2.17 | |
| 39491-4 | 04/06/98 | SBX-11 2'-4' | Maine HETL Method 4.2.17 | |
| | 04/06/98 | SBX-11 2'-4' | Maine HETL Method 4.1.25 | |
| 39491-5 | 04/06/98 | SBX-10 2'-4' | Maine HETL Method 4.1.25 | |

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Authorized signature _____

Date 4-20-98

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Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98

**Project Number:**

**Station ID:** SBX-10W

**Lab #:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-1 | **562** | µg/L | 10 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | **85** | µg/L | 5 |
| Benzene | **16** | µg/L | 1 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 98 % |
| Bromofluorobenzene | 104 % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:**

Authorized signature _____

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
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Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98

**Project Number:**

**Station ID:** SBX-8 2'-4'

**Lab #:** 39491-2
**Matrix:** Soil
**Percent Solid:** 82
**Dilution Factor:** 12
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-2 | **16400** | µg/kg | 2400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 60 |
| Benzene | **169** | µg/kg | 12 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 105 % |
| Bromofluorobenzene | 249* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** **Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.**

Authorized signature

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Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-10 4'-6'

**Lab #:** 39491-3
**Matrix:** Soil
**Percent Solid:** 85
**Dilution Factor:** 11
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/13/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-3 | ND | µg/kg | 2200 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 55 |
| Benzene | ND | µg/kg | 11 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | | |
|---|---|---|
| Trifluorotoluene | 98 | % |
| Bromofluorobenzene | 93 | % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** **Results are expressed on a dry weight basis.**

Authorized signature _____

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800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98

**Project Number:**

**Station ID:** SBX-11 2'-4'

**Lab #:** 39491-4
**Matrix:** Soil
**Percent Solid:** 84
**Dilution Factor:** 22
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-4 | **21600** | µg/kg | 4400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 110 |
| Benzene | **43** | µg/kg | 22 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 84 % |
| Bromofluorobenzene | 124* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** **Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.**

Authorized signature _____

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Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**SAMPLE DATA**

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98

**Project Number:**

**Field Sample ID:** SBX-10W

**Lab Sample ID:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/09/98
**Analysis Date:** 04/11/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| **560** | µg/L | 50 |

**Surrogate Standard Recovery**

m-Terphenyl 94 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:**

Authorized signature

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98

**Project Number:**

**Field Sample ID:** SBX-10 2'-4'

**SAMPLE DATA**

**Lab Sample ID:** 39491-5
**Matrix:** Soil
**Percent Solid:** 90
**Dilution Factor:** 1.1
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/13/98
**Analysis Date:** 04/18/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 6 | mg/kg | 6 |

**Surrogate Standard Recovery**

| | | |
|---|---|---|
| m-Terphenyl | 89 | % |

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:** Results are expressed on a dry weight basis.

Authorized signature

# MAINE ENVIRONMENTAL LABORATORY

One Main Street • Yarmouth, Maine 04096-1690 • (207) 846-6569 • FAX (207) 846-9066

## Chain of Custody

PROJECT MANAGER: B. Timson | TELEPHONE: | FAX #:

COMPANY: | PURCHASE ORDER #:

ADDRESS:

PROJECT NAME: TPI028.98 | SAMPLER NAME: B. Timson

| SAMPLE IDENTIFICATION | # CONTAINERS | TYPE OF CONTAINERS | FIELD FILTRATION YES | FIELD FILTRATION NO | SAMPLE MATRIX | GRAB | COMP. | METHOD PRESERVED | SAMPLING DATE | SAMPLING TIME | ANALYTICAL PARAMETERS: GRO - 4.2.1A | ANALYTICAL PARAMETERS: DRO - 4.1.25 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBX-10W | 2 | G | | | Water | X | | HCl | 4/6/98 | 0900 | X | X | | | 35491 | | | -1 |
| SBX-8 2'-4' | 2 | 402 | | X | Soil | X | | 4°C | | 0915 | X | X | | | | | | -2 |
| SBX-10 4'-6' | 1 | ↓ | | X | ↓ | X | | ↓ | ↓ | 1010 | X | | | | | | | -3 |
| SBX-11 2'-4' | 2 | ↓ | | X | ↓ | X | | ↓ | ↓ | 1030 | X | X | | | | | | -4 |
| SBX-10 2'-4' | 1 | ↓ | | X | ↓ | X | | ↓ | ↓ | 0950 | | X | | | | | | -5 |

RECEIVED BY: | TIME | DATE

RECEIVED BY: | TIME: 1232 | DATE: 4/8/98

RECEIVED BY LABORATORY: | TIME: 2320 | DATE: 4/8/98

RELINQUISHED BY SAMPLER: | TIME | DATE

RELINQUISHED BY: | TIME | DATE

RELINQUISHED BY: | TIME | DATE

TURNAROUND REQUEST 4/8

☒ Standard

☐ Priority (SURCHARGE) 4/22

Received within hold time ☒ yes ☐ no

Received in good condition ☒ yes ☐ no

Temp. Blank °C 6.0 / Frozen ice packs.

Samples received preserved ☐ yes ☐ no

REMARKS GRO's rcvd. with pH < 2. mw

only 1 VOA rcvd for SBX-10W

GRO's rcvd unpreserved. Run anyway per JCP 4/15/98 mw

Quote #

F 4/6

**MAINE ENVIRONMENTAL LABORATORY**
One Main Street, Yarmouth, Maine 04096

TEL. 207-846-6569
TEL. 207-846-4673
FAX 207-846-9066

B. Timson
Timson & Peters, Inc.
PO Box 150
Hallowell, ME 04347

April 21, 1998

Report No.: TPI028-98

Enclosed are the results of the analysis of your sample(s). Samples were received in acceptable condition and were analyzed within the holding times specified in the referenced methods. All quality control data including method blank samples, matrix spike samples, duplicate samples and laboratory control samples were within laboratory acceptance limits. If you have questions regarding this report, please do not hesitate to call.

| Sample Identification | Laboratory ID | Comments |
|---|---|---|
| SBCW-8 0'- 2' | TPI02898-01 | |
| SBCW-(5,7,10) 0'- 2' | TPI02898-02 | |
| SBX-2 0'- 1' | TPI02898-03 | |
| SBX-7 0.2'- 2.2' | TPI02898-04 | |

REFERENCES

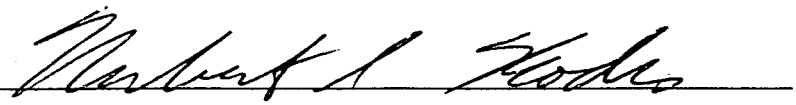
SW8 - SW/846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, Third Edition, 1986.

EPA - EPA600/4-79-020, Methods for Chemical Analysis of Water and Wastes USEPA, Cincinnati, Ohio, March, 1983.

STM - Standard Methods for the Examination of Water and Wastewater, 18th Edition, APHA,AWWA,WPCF, 1992.

CLP - USEPA CLP SOW for Inorganics ILMO3.0

Maine Environmental Laboratory is certified by the states of Maine, Massachusetts and New Hampshire. A list of actual certified tests is available upon request.

Authorized signature 

Herbert S. Kodis, Laboratory Director

**MAINE ENVIRONMENTAL LABORATORY**
One Main Street, Yarmouth, Maine 04096

TEL. 207-846-6569
TEL. 207-846-4673
FAX 207-846-9066

Timson & Peters, Inc.
Hallowell, ME
B. Timson



Sampling Technician: B. Timson
Sampling Date : 04/03/98
Sample Matrix : Soil
Date Received : 04/08/98

Sample : SBX-7 0.2'- 2.2'
Report : 04/21/98
Project: Spencer-Belfast
Lab ID : TPI02898-04

Data reported on a dry weight basis.

| Parameter | Data | Units | MDL | Analyzed | Methodology | |
|---|---|---|---|---|---|---|
| Arsenic, total | 10.0 | mg/kg | 0.1 | 04/16/98 | 7062/3050B | SW8 |
| Barium, total | 110 | mg/kg | 10 | 04/16/98 | 7080A/3050B | SW8 |
| Cadmium, total | <0.2 | mg/kg | 0.2 | 04/10/98 | 7130/3050B | SW8 |
| Chromium, total | 25 | mg/kg | 2 | 04/10/98 | 7190/3050B | SW8 |
| Lead, total | 78 | mg/kg | 2 | 04/09/98 | 7420/3050B | SW8 |
| Mercury, total | 0.05 | mg/kg | 0.01 | 04/15/98 | 7471A | SW8 |
| Selenium, total | 0.78 | mg/kg | 0.01 | 04/16/98 | 7741A/3050B | SW8 |
| Silver, total | <1 | mg/kg | 1 | 04/16/98 | 7760A/3050B | SW8 |
| Total Solids | 91.48 | % | 0.01 | 04/13/98 | CLP 4F | CLP |

# MAINE ENVIRONMENTAL LABORATORY

One Main Street • Yarmouth, Maine 04096-1690 • (207) 846-6569 • FAX (207) 846-9066

## Chain of Custody

| PROJECT MANAGER | TELEPHONE | FAX # |
|---|---|---|
| Barry S. Timsm | (207) 623-0053 | (207) 623-2599 |

| COMPANY | PURCHASE ORDER # |
|---|---|
| Timsm & Peters, Inc | |

ADDRESS: 418 Main Ave., Farmingdale, ME 04344

| PROJECT NAME | SAMPLER NAME |
|---|---|
| Spencer - Belfast | Barry S. Timsm |

| SAMPLE IDENTIFICATION | # CONTAINERS | TYPE OF CONTAINERS | FIELD FILTRATION YES | FIELD FILTRATION NO | SAMPLE MATRIX | GRAB | COMP. | METHOD PRESERVED | SAMPLING DATE | SAMPLING TIME | ANALYTICAL PARAMETERS: GRO | DRO | RCRA metals | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SBCW-8 0'-2' | 1 | | | | Soil | X | | | 4/2/98 | 1:30 PM | | | X | | | | | |
| SBCW-(5,7,10) 0'-2' | 1 | | | | Soil | | X | | 4/2/98 | — | | | X | | | | | |
| SBX-2 0'-1' | 1 | | | | Soil | X | | | 4/3/98 | 10:10 AM | | | X | | | | | |
| SBX-7 0.2-2.2' | 1 | | | | Soil | X | | | 4/3/98 | 3:15 PM | | | X | | | | | |
| | | | | | | | | | | | | | | | | | | |
| SBX-10W | 1 | | | | Water | X | | | 4/6/98 | 9:00 AM | X | | | | | | | |
| SBX-10W | 1 | | | | Water | X | | | 4/6/98 | 9:00 AM | | X | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| SBX-8 2'-4' | 1 | | | | Soil | X | | | 4/6/98 | 9:15 AM | X | | | | | | | |
| SBX-10 4'-6' | 1 | | | | Soil | X | | | 4/6/98 | 10:10 AM | X | | | | | | | |
| SBX-11 2'-4' | 1 | | | | Soil | X | | | 4/6/98 | 10:30 AM | X | | | | | | | |
| SBX-8 2'-4' | 1 | | | | Soil | X | | | 4/6/98 | 9:15 AM | | X | | | | | | |
| SBX-10 2'-4' | 1 | | | | Soil | X | | | 4/6/98 | 9:50 AM | | X | | | | | | |
| SBX-11 2'-4' | 1 | | | | Soil | X | | | 4/6/98 | 10:30 AM | | X | | | | | | |

TURNAROUND REQUEST

- Standard
- ...rity (SURCHARGE)

- Received within hold time ~~yes~~ ☐ no
- Received in good condition ~~yes~~ ☐ no
- Temp. Blank °C _____ (Frozen ice packs)
- Samples received preserved ~~yes~~ ☐ no

REMARKS

Quote # _____

| RELINQUISHED BY SAMPLER: | RECEIVED BY: | DATE 4.6.98 | TIME 12:00 p.m. |
|---|---|---|---|
| RELINQUISHED BY: | RECEIVED BY: | DATE 4.8.98 | TIME 10:30 a.m. |
| RELINQUISHED BY: | RECEIVED BY LABORATORY: | DATE 4/8/98 | TIME 1030 |

# Appendix J

## Correspondence with Maine Dept. of Environmental Protection

Timson & Peters, Inc. ENVIRONMENTAL SERVICES
Environmental Permitting
Geologic Consulting•Wetland Analyses
Environmental Assessments•Groundwater Investigations

April 23, 1998

Edward Sullivan, Commissioner
c/o Bureau of Remediation and Waste Management
Maine Dept. of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

**Re: Report of Soil GRO Concentrations from Subsurface Sampling In Exceedance of Notification Levels, Chapter 691 Nickerson's Exxon, Route 3, Belfast, Maine**

To Whom It May Concern:

In accordance with regulations outlined in Appendix P, Chapter 691: Rules for Underground Oil Storage Facilities, I am hereby reporting laboratory measurement of Gasoline Range Organics (GRO) in exceedance of the reporting level of 5 ppm from 2 subsurface soil samples collected from Nickerson's Exxon Station, Route 3, Belfast, Maine.

These samples were collected on April 6, 1998 and delivered to Maine Environmental Laboratory in Yarmouth, Maine on April 8, 1998. I received notification from the laboratory via fax of their analyses on April 21, 1998 but was unable to report the results of the analyses to my client until April 22, 1998. My investigations are part of an environmental site assessment being conducted for an individual.

Sample SBX-8 was taken approximately 6 feet from the delivery pumps directly between the pumps and Route 3 at a depth of 2 feet to 4 feet. Ground water level was at 2.2 feet below the surface. The split-spoon sample core bottomed in glacio-marine clay. Sample SBX-8, 2' to 4' was analyzed at a concentration of 16.4 parts per million (ppm) GRO. DRO were analyzed at levels of 25 ppm.

Sample SBX-11 was taken approximately 20 feet downgradient from the pump island at a depth of 2 feet to 4 feet. GRO analysis yielded a concentration of 21.6 ppm. DRO were analyzed at levels of 221 ppm. The ground water level at SBX-11 was below the bottom of the boring.

Samples taken directly downgradient from the area of 3 registered UGST containing gasolines of different octane (SBX-10) yielded GRO levels of ND (Non-Detect) at a depth of 4 feet to 6 feet and GRO levels of 6 ppm at a depth of 4 feet to 6 feet. Ground water depth in SBX-10 was at 2 feet. Analyses of GRO and DRO

Office Location: 418 Maine Avenue, Farmingdale, ME 04344
Mailing Address: P.O. Box 150, Hallowell, Maine 04347•(207) 623-0053
FAX•(207) 623-2599

from a ground water sample taken from SBX-10 yielded concentrations of 562 parts per billion (ppb) and 560 ppb, respectively.

No discharge of fuel was seen or smelled at an adjacent stream where groundwater would be discharging from the three sample sites.

At this point in time, I do not believe the UGST tanks to be leaking. Gasoline spillage at the pumps is most likely the cause for the gasoline range hydrocarbons in the samples.

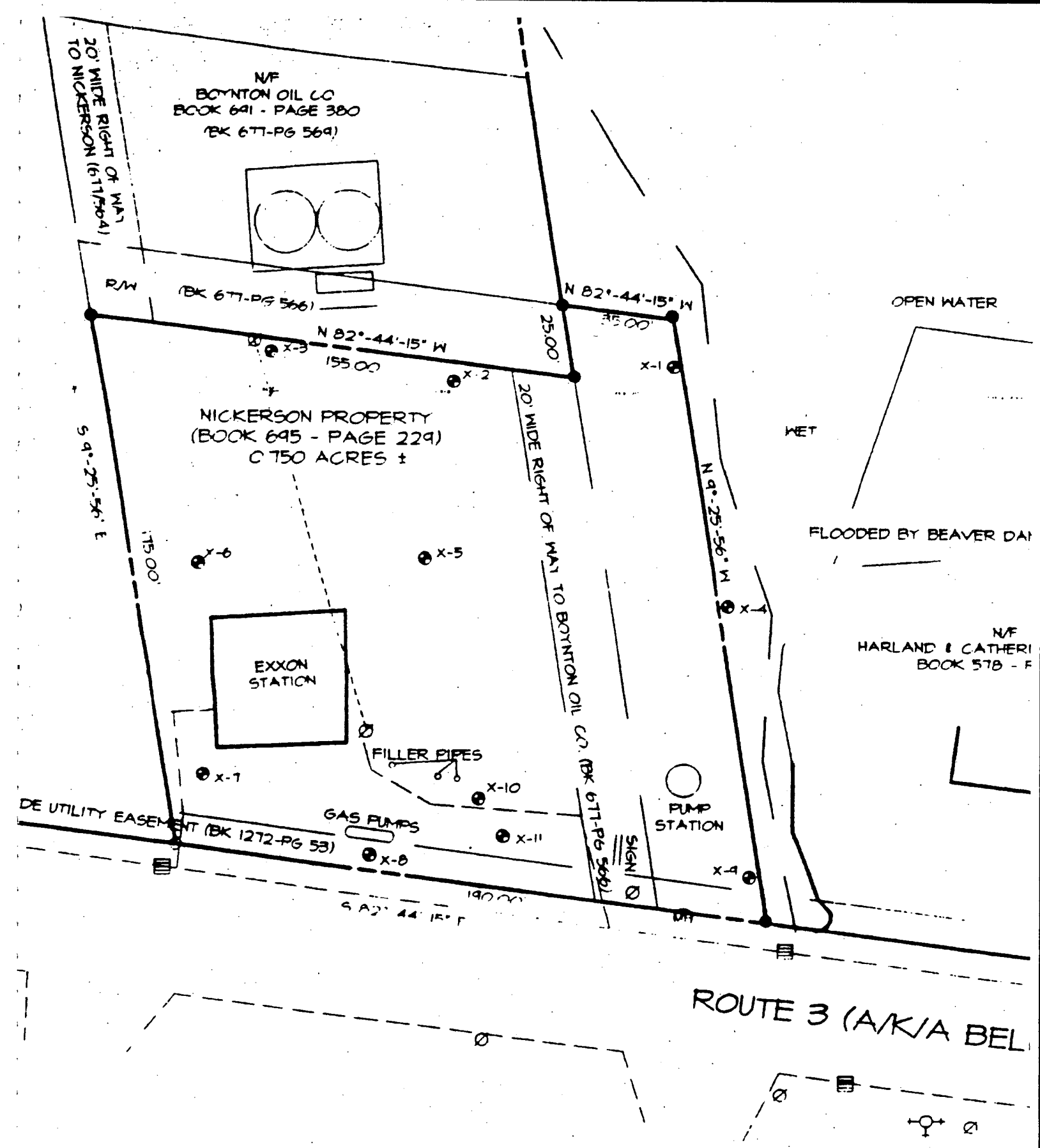
A large fuel oil spill occurred at Boynton's fuel depot located immediately north of the Exxon station. Most likely, this historical spill is the source of residual DRO seen at the gasoline station site.

Although I have not conducted a rigorous Decision Tree analysis at this point in time, I would judge the risk to human health to be negligible. All immediate surrounding residences and businesses are supplied by a public water supply. Ground water discharge from the site is immediately adjacent to the site (east of Exxon station) into an unnamed brook which flows south beneath Route 3.

Should you require further information or require further investigation on behalf of my client, please feel free to contact me at 623-0053.

Very truly yours,

Barry S. Timson, MCG#7
President




ON PARCELS SUBJECT TO THE FOLLOWING UTILITY EASEMENTS:
BOOK 1272-PAGE 53, BOOK 1091-PAGE 59, BOOK 1335-PAGE 60
50 RECORDED AT THE WALDO COUNTY REGISTRY OF DEEDS.
LED "SEWER LINE EXTENSION FOR THE CITY OF BELFAST" BY
DATED APRIL 19, 1991, RECORDED IN PLAN DRAWER 16, PAGES 185 & 186
Y REGISTRY OF DEEDS

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-8 2'-4'

| | |
|---|---|
| **Lab #:** | 39491-2 |
| **Matrix:** | Soil |
| **Percent Solid:** | 82 |
| **Dilution Factor:** | 12 |
| **Collection Date:** | 04/06/98 |
| **Lab Receipt Date:** | 04/08/98 |
| **Analysis Date:** | 04/09/98 |

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-2 | 16400 | µg/kg | 2400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 60 |
| Benzene | 169 | µg/kg | 12 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 105 % |
| Bromofluorobenzene | 249* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.

Authorized signature _____

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98
**Project Number:**
**Field Sample ID:** SBX-8 2'-4'

**SAMPLE DATA**

**Lab Sample ID:** 39491-2
**Matrix:** Soil
**Percent Solid:** 82
**Dilution Factor:** 1.1
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/13/98
**Analysis Date:** 04/18/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 25 | mg/kg | 6 |

**Surrogate Standard Recovery**

| | |
|---|---|
| m-Terphenyl | 94 % |

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:** Results are expressed on a dry weight basis. Chromatogram contains peaks which elute after the DRO window.

Authorized signature

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-10 4'-6'

| | |
|---|---|
| **Lab #:** | 39491-3 |
| **Matrix:** | Soil |
| **Percent Solid:** | 85 |
| **Dilution Factor:** | 11 |
| **Collection Date:** | 04/06/98 |
| **Lab Receipt Date:** | 04/08/98 |
| **Analysis Date:** | 04/13/98 |

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-3 | ND | µg/kg | 2200 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 55 |
| Benzene | ND | µg/kg | 11 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 98 % |
| Bromofluorobenzene | 93 % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** **Results are expressed on a dry weight basis.**

Authorized signature _____

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-10W

**Lab #:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-1 | 562 | µg/L | 10 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | 85 | µg/L | 5 |
| Benzene | 16 | µg/L | 1 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 98 % |
| Bromofluorobenzene | 104 % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:**

Authorized signature _____

analytics environmental laboratory inc.

196 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-429-4406

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98

**Project Number:**

**Field Sample ID:** SBX-10W

**SAMPLE DATA**

**Lab Sample ID:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/09/98
**Analysis Date:** 04/11/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 560 | µg/L | 50 |

**Surrogate Standard Recovery**

m-Terphenyl 94 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:**

Authorized signature

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-11 2'-4'

**Lab #:** 39491-4
**Matrix:** Soil
**Percent Solid:** 84
**Dilution Factor:** 22
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-4 | 21600 | µg/kg | 4400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 110 |
| Benzene | 43 | µg/kg | 22 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 84 % |
| Bromofluorobenzene | 124* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.

Authorized signature _____

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5171 Fax 603-430-2151
800-929-9706

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98
**Project Number:**
**Field Sample ID:** SBX-11 2'-4'

**SAMPLE DATA**

**Lab Sample ID:** 39491-4
**Matrix:** Soil
**Percent Solid:** 84
**Dilution Factor:** 12
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/13/98
**Analysis Date:** 04/18/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 221 | mg/kg | 60 |

**Surrogate Standard Recovery**

m-Terphenyl 120 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:** Results are expressed on a dry weight basis. Chromatogram contains peaks which elute after the DRO window.

Authorized signature

Timson, Schepps & Peters, Inc.
Environmental Permitting Services
Geologic Consulting•Wetland Analyses

May 26, 1998

Edward Sullivan, Commissioner
c/o Bureau of Remediation and Waste Management
Maine Dept. of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

**Re: Follow-Up to Letter of April 23, 1998**
**Report of Soil GRO Concentrations In Exceedance of Chapter 691 Notification Levels**
**Nickerson's Exxon, Route 3, Belfast, Maine**

To Whom It May Concern:

On April 23, 1998, in accordance with regulations outlined in Appendix P, Chapter 691: Rules for Underground Oil Storage Facilities, I notified the Bureau of recent laboratory analyses of 2 subsurface soil samples collected on April 6, 1998 from Nickerson's Exxon Station, Route 3, Belfast, Maine and which exceeded the reporting threshold level of 5 ppm of Gasoline Range Organics (GRO).

As of the date of this letter, I have not received any written or oral response from the Department indicating the need or desire for any remediation at the site based upon the information provided. Consequently, my client will conclude that the Maine Department of Environmental Protection will not require remediation of soils at Nickerson's Exxon, Route 3, Belfast at the GRO concentrations reported.

Thank you for your attention to this matter.

Very truly yours,

Barry S. Timson, MCG#7
President

cc: R. Spencer

Office Location: 418 Maine Avenue, Farmingdale, ME 04344
Mailing Address: P.O. Box 150, Hallowell, Maine 04347•(207) 623-0053
FAX•(207) 623-2599

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

ANGUS S. KING, JR.
GOVERNOR

EDWARD O. SULLIVAN
COMMISSIONER

May 28, 1998

Barry Timson
Timson & Peters, Inc.
418 Maine Avenue
Farmingdale ME 04344

RE: Nickerson's Exxon, Belfast; RN 2053; A-232-98

Dear Barry:

I am writing in response to your letter of May 26, 1998 to Commissioner Sullivan in which you inquire about soil sampling results from Nickerson's Exxon submitted with a cover letter dated April 23, 1998. Upon receipt, the analytical results were immediately sent to our Augusta Response Services office for follow-up. In fact, by May 4, 1998, Ms. Mary Corr of Response Services had been to the site, talked with the facility owner and communicated that no soil clean-up would be required given the location of the facility and the soil concentrations you provided.

In your May 26, 1998 letter you state that without communication to the contrary, "my client will conclude that the Maine Department of Environmental Protection will not require remediation of soils at Nickerson's Exxon, Route 3, Belfast at the GRO concentrations reported." I would suggest that this would be a dangerous assumption to make since the statute very clearly states that such a discharge of oil, as documented by you, is clearly prohibited. A more prudent course of action in the future, if the situation is urgent, would be to have called the Department to determine if a clean-up would be required or to arrange to meet with the Response staff person assigned to a case.

Sincerely,

George Seel

George Seel
Director, Technical Services
Bureau of Remediation and Waste Management

cc: Mary Corr
Commissioner Sullivan

OGSEXXON/raj

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 764-1507

web site: www.state.me.us/dep

printed on recycled paper

CITY OF BELFAST
INCORPORATED 1853 MAINE

# CITY OF BELFAST

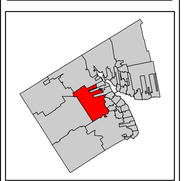
## WALDO COUNTY MAINE

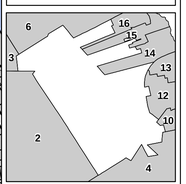
N W E S

Feet
0 125 250 500 750 1,000

## LEGEND

- Parcel
- Road
- Water
- Dam
- Condos
- Streams
- Cemetery
- Easement/ROW
- Parcel Hook
- Road
- Sublot Line
- Utility






For Assessment Purposes. Not to be used for conveyances.

Drigo Spatial Systems, Inc.
kappa mapping, inc.

# Map 5

Printed: 11/2/2011
Effective Date: 4/1/2011

Account: 957 Card: 1 of 1 Map/Lot: 005-016-B Location: 29 BELMONT AVENUE

| | | | |
|---|---|---|---|
| Neighborhood 60 | URBAN 300,000 | | |
| Zoning/Use | Route 3 Comm | | |
| Topography | Level | | |
| Utilities | All Public | | |
| Street | Paved | | |
| ZONING | 28 | | |
| WARD..... | 40 | | |
| Reference 1 | B02526P0334 | 11-15-03 | |
| Reference 2 | | | |
| Tran/Land/Bldg | 1 2 26 | | |
| 911 CODE..... | 9 | TIF CODE | 0 |
| Exemption(s) | | Land Schedule | 60 |

**Sale Data**

| | |
|---|---|
| Sale Date | 08/01/2002 |
| Sale Price | 210,000 |
| Sale Type | Land & Buildings |
| Financing | Unknown |
| Verified | Public Record |
| Validity | Other Non Valid |

**Land Description**

| Units | Method - Description | Price/Unit | Total | Fctr | Influence | Value |
|---|---|---|---|---|---|---|
| 0.76 | Acres-Baselot Imp (F) | 300,000 | 261,534 | 25% | | 65,383 |
| Total Acres 0.76 | | | | Land Total | | 65,383 |

| | | | | | |
|---|---|---|---|---|---|
| **Accpt Land** | 65,400 | **Accepted Bldg** | 0 | **Total** | 65,400 |

Account: 957 Card: 1 of 1 Map/Lot: 005-016-B
Location: 29 BELMONT AVENUE

| | |
|---|---|
| Neighborhood 60 | URBAN 300,000 |
| Zoning/Use | Route 3 Comm |
| Topography | Level |
| Utilities | All Public |
| Street | Paved |
| ZONING | 28 |
| WARD..... | 40 |
| Reference 1 | B02526P0334 11-15-03 |
| Reference 2 | |
| Tran/Land/Bldg | 1 2 26 |
| 911 CODE..... | 9 TIF CODE 0 |
| Exemption(s) | Land Schedule 60 |

**Sale Data**

| | |
|---|---|
| Sale Date | 08/01/2002 |
| Sale Price | 210,000 |
| Sale Type | Land & Buildings |
| Financing | Unknown |
| Verified | Public Record |
| Validity | Other Non Valid |

**Land Description**

| Units | Method - Description | Price/Unit | Total | Fctr | Influence | Value |
|---|---|---|---|---|---|---|
| 0.76 | Acres-Baselot Imp (F) | 300,000 | 261,534 | 100% | | 261,534 |
| Total Acres 0.76 | | | | Land Total | | 261,534 |

**Accpt Land** 261,500 **Accepted Bldg** 0 **Total** 261,500

MAP NO. 5 | LOT NO. 16B | ZONE HC | CARD OF CARDS

SUB DIV | LOT NO. | ACCT. NO. 957

# COMMERCIAL PROPERTY RECORD - CITY OF BELFAST

LOCATION: Belmont Avenue

| | | OCCUPANCY | | | |
|---|---|---|---|---|---|
| RESIDENTIAL | | | | | |
| SEASONAL | | SINGLE FAMILY | | STORE | |
| COMMERCIAL | X | TWO FAMILY | | OFFICES | |
| INDUSTRIAL | | APARTMENT | | | |

| BUILDING PERMIT RECORD | EST. COST | PERMIT NO. | DATE |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| RECORD OF OWNERSHIP | STAMPS | DATE | BOOK | PAGE |
|---|---|---|---|---|
| Nickerson, Harland F. & Catherine E. | | 2-04-72 | 695 | 229 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

INTERIOR INSPECTED: (YES) NO-EST DATE

VERIFICATION OF INSPECTION

INSPECTION WITNESSED BY: 1/18/90 Harland Nickerson

| SUMMARY | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
|---|---|---|---|---|---|---|---|---|---|
| DWELLING | | | | | | | | | |
| GARAGE | | | | | | | | | |
| TOTAL VALUE BUILDINGS | | | | | | | | | |
| TOTAL VALUE LAND | | | | | | | | | |
| TOTAL VALUE LAND & BUILDINGS | | | | | | | | | |

## LAND VALUATION

| ACRES | PRICE | TOTAL | DEPR | VALUE |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

## MEMORANDA

## LOT COMPUTATIONS

| UNIT PRICE | DEPTH % | FT PRICE | TOTAL | DEPR | VALUE |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

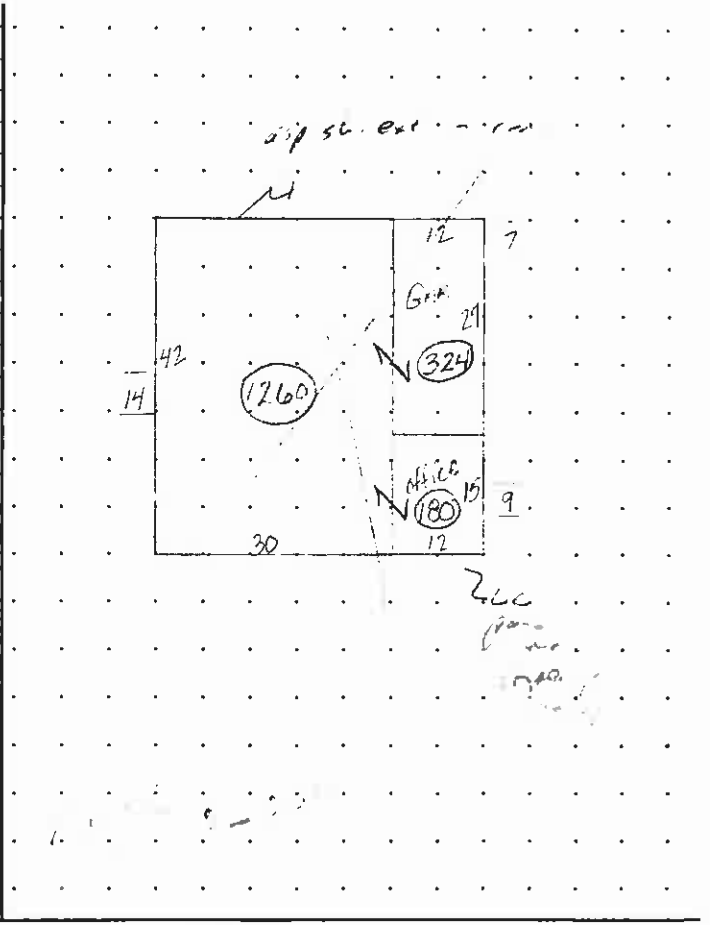
## AREA TRENDS

| IMPROVING | STATIC | DECLINED |
|---|---|---|
| | ✓ | |

## LAND FACTORS

| TOPOGRAPHY | | ROAD | |
|---|---|---|---|
| LEVEL | ✓ | PAVED | ✓ |
| ROUGH | | GRAVEL | |
| ROLLING | | DIRT | |
| SWAMPY | | WATER | |
| HIGH | | SEWER | ✓ |
| LOW | | NO ROAD | |

| FOUNDATION | | CEILINGS | | TILING | | BUILDING COMPUTATION | | |
|---|---|---|---|---|---|---|---|---|
| CONCRETE WALLS | ✓ | LATH & PLASTER | | BATH RM. FL & WAINS. | | 1764 S. F. | | |
| CEMENT BLK. WALLS | | COMPO. BOARD | | TOILET RM. FL. & WAINS | | S. F. | | |
| BRICK WALLS | | ACOUSTICAL | | BATH ROOM FLR | | S. F. | | |
| STONE WALLS | | unfin | | TOILET ROOM FLR. | | S. F. | | |
| (5) | | INTERIOR FINISH | | | | S. F. | | |
| BASEMENT AREA | | LATH & PLASTER | | MISCELLANEOUS | | S. F. | | |
| ¼ \| ⅓ \| ¾ \| FULL | | DRYWALL | | FIREPROOF CONSTR. | | S. F. | | |
| EXTERIOR WALLS | | WALLBOARD | | MILL CONSTRUCTION | | S. F. | | |
| SOLID COM. BRICK | | UNFIN. INT. | ✓ | FIRE RESISTING | | | | |
| COM BR. ON C. B | | bds 5' high | ✓ | STEEL FRAME | | | | |
| FACE BR ON COM. BR. | | PARTITIONS | | STEEL BEAMS & COLS. | | | | |
| FACE BR ON C. B | | LATH AND PLASTER | | TIMBER BEAMS & COLS. | | | | |
| FACE BR VEN | | DRYWALL | | STEEL TRUSSES | | | | |
| CEMENT OR CINDER BLK | | BRICK | | | | | | |
| REIN. CONCRETE | | C. BLK. | | SPRINKLER SYST | | | | |
| CUT STONE FACING | | | | PASSENGER ELEV. | | | | |
| STONE OR T C TRIM | | HEATING | | FREIGHT ELEV | | | | |
| STUCCO ON clapbd | | STEAM | | INCINERATOR | | | | |
| SIDING OR SHINGLES | ✓ | HOT WATER | | FIREPLACES | | | | |
| PARTY WALLS | | HOT AIR LL | ✓ | CHIMNEYS | | | | |
| PLATE GLASS FRONT | | GAS | | | | | | |
| | | OIL BURNER | ✓ | STEEL FRAME SASH | | | | |
| ROOFING | | COAL STOKER | | WOOD FRAME SASH | | REPLACEMENT VALUE | | |
| COMPOSITION OR T. & G. | | NO HEATING | | RENTAL CAPITALIZATION | | LOCATION | | |
| METAL R Shd | ✓ | AIR COND. — REFRIG. | | LAND | | GOOD FAIR POOR | | |
| WOOD DECK | ✓ | AIR COND. — WATER | | VACANCY | | LISTER | DATE | |
| METAL DECK | | | | HEATING | | WAT | 1/13/42 | |
| Shd Rock | | WIRING | | WATER | | | | |
| FLOORS | | FLEXLUME OR EQUAL | ✓ | ELECTRICITY | | | | |
| | B 1ST 2ND 3RD | PIPE CONDUIT | | JANITOR | | | | |
| CONCRETE | ✓ | 60 Amp | | INSURANCE | | | | |
| EARTH | | PLUMBING | | MAINTENANCE | | | | |
| PINE | | BATH ROOMS | | MANAGEMENT | | | | |
| HARDWOOD | | TOILET ROOMS | ✓2 | | | | | |
| SINGLE FL. | | WATER CLOSET EXTRA | | TOTAL FLAT EXPENSES | | | | |
| ASPH. TILE | | LAVATORY EXTRA | | GROSS ANNUAL INCOME | | | | |
| TERRAZZO | | SINK EXTRA | | LESS FLAT EXPENSES | | | | |
| WOOD JOIST | | URINALS | | BALANCE FOR CAP. | | | | |
| STEEL JOIST | | NO PLUMBING | | CAP. RATE | | | | |
| REIN. CONC. | | | | REFLECTED CAP. VALUE | | | | |




OCCUPANCY DETAIL & INCOME

| OCCUPANCY | CONSTRUCTION | SIZE | AREA | CLASS | AGE | REMOD. | COND. | REPL. VAL. | Phy. Dep. | PHYS. VALUE | Funct. Dep. | ACTUAL VAL. | Eq. Fact. | ASSESSMENT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 Gas Sta | 1 FR | SK | | D Low | 1756 | | F | | .35 | | | | | |
| 2 Shed | Asph | 36 X 12 | 36 SF | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | TOTAL | | |

MAP 5 LOT 16 B ACCOUNT NO. 957 ADDRESS CARD NO. OF

~~NICKERSON, HARLAND~~ E. 0005
*~~NICKERSON, CATHERINE E.~~ 0016
~~BELMONT AVENUE NORTH/RR 3, BOX~~ 678 B
~~BELFAST ME 04915~~
~~B0695P0229~~ 00957

~~BLACKSTONE PROPERTIES LLC~~ 005
016
~~319 RIDGE ROAD~~ B
~~WALES ME 04280~~
~~B02291P0079 08-14-02~~ 00957

EIGHTY ONE EUTAW LLC 005
016
319 RIDGE ROAD B
WALES ME 04280
B02526P0334 11-15-03 00957

| No | Date | Description | Date Insp. |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Sold 25' of rear to Boynton 5/69 B677P544

## PROPERTY DATA

| | |
|---|---|
| NEIGHBORHOOD CODE | 60 |
| STREET CODE | |
| X-COORDINATE | |
| Y-COORDINATE | |
| LAND USE<br>11. Residential<br>21. Commercial<br>31. Industrial<br>41. Rural<br>48. Shoreland<br>49. Resource Protection<br>RR3 | 28 |
| SECONDARY ZONE | |
| TOPOGRAPHY<br>1. Level 5. Low<br>2. Rolling 6. Swampy<br>3. Above St. 7. Steep<br>4. Below St. 8. | 10 |
| UTILITIES<br>1. All Public 5. Dug Well<br>2. Public Water 6. Septic<br>3. Public Sewer 7. Cess Pool<br>4. Drilled Well 9. No Utilities | 10 |
| STREET<br>1. Paved 4. Proposed<br>2. Semi-Improved<br>3. Gravel 9. No Street | 1 |
| SALE DATA | DATE |
| B210,000 | 8-14-02 |
| SALE TYPE<br>1. Land 4. Mobile Home<br>2. Land & Bldg.<br>3. Building Only 5. Other | 2 |
| FINANCING<br>1. Conv. 5. Private<br>2. FHAVA 6. Cash<br>3. Assumed 7. FMHA<br>4. Seller 9. Unknown | 9 |
| VERIFIED<br>1. Buyer 6. MLS<br>2. Seller 7. Family<br>3. Lender 8. Other<br>4. Agent 9. Confid.<br>5. Record | 5 |
| VALIDITY<br>1. Valid 5. Partial<br>2. Related 6. Exempt<br>3. Distress 7. Changed<br>4. Split 8. Other | 8 |

## ASSESSMENT RECORD

| YEAR | LAND | BUILDINGS | EXEMPT | TOTAL |
|---|---|---|---|---|
| 1994 | 48,000 | 48,100 | 0 | 96,100 |
| | ACCT:00957-1 | MAP/LOT:0005-0016-B | | |
| 1998 | 43600 | 48100 | | 91700 |
| 2K | 87200 | 48100 | | 135300 |
| 03 | 261500 | 62000 | | 323500 |
| 1904 | 261,500 | X | | 261,500 |
| 11(R) | 65,400 | X | | 65,400 |
| 19 | | | | |
| 19 | | | | |
| 19 | | | | |
| 19 | | | | |
| 19 | | | | |
| 19 | | | | |
| 19 | | | | |

## LAND DATA

| | TYPE | EFFECTIVE Frontage | EFFECTIVE Depth | INFLUENCE Factor | INFLUENCE Code |
|---|---|---|---|---|---|
| FRONT FOOT<br>11. Regular Lot<br>12. Delta Triangle<br>13. Nabla Triangle<br>14. Rear Land<br>15. | | 190 | 175 | % | |
| SQUARE FOOT<br>16. Regular Lot<br>17. Secondary<br>18. Excess Land<br>19. Condo.<br>20. | | SQUARE FEET | | % | |
| FRACT. ACRE<br>21. Homesite<br>22. Baselot<br>23. | 21 | .76 | | 25% | EQUITY |
| ACRES<br>24. Homesite<br>25. Baselot<br>26. Secondary<br>27. Frontage<br>28. Rear Land 1-5<br>29. Rear Land 6-10<br>30. Rear Land 11-20<br>31. Rear Land 21-50<br>32. Rear Land 51+<br>33 Open Space | Total | .76 | | | |

INFLUENCE CODES
1=Vacancy
2=Excess Frontage
3=Topography
4=Size/Shape
5=Access
6=Restrictions
7=Corner
8=Environment
9=Fractional Share

ACRES (cont.)
34. Horticulture
35 Crop Land
36. Pasture
37. Softwood
38. Mixed Wood
39. Hardwood
40. Waste
41. Gravel Pit

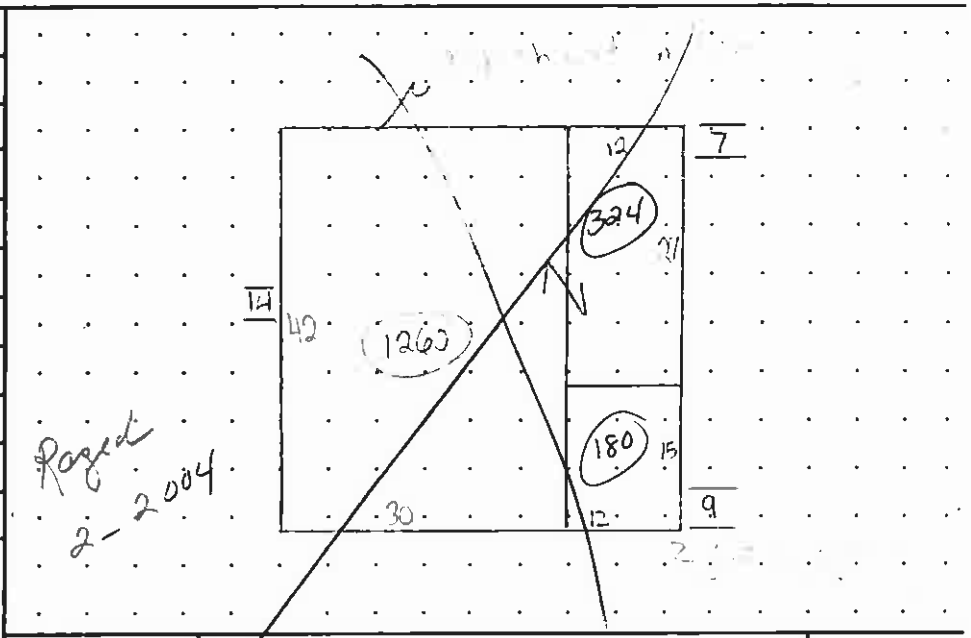
SITE
42. Mobo Site
43. Condo Site
44. Lot Improvements

MAP 5 LOT 16-B ACCOUNT NO. **BUILDING RECORD**

| | | |
|---|---|---|
| OCCUPANCY CODE | 13 | |
| NO. OF DWELLINGS UNITS | 05 | |
| BUILDING CLASS/QUALITY<br>5. Rigid Frame 4. Excel<br>4. Frame 3. Good<br>3. Masonry 2. Average<br>2. Reln Conc. 1. Low Cost<br>1. Struct Steel | 4 2 | |
| GRADE FACTOR | 1.02 | |
| EXTERIOR WALLS<br>1. Brick/Stone 6. Comp.<br>2. Conc. Block 7. Al/Vinyl<br>3. Concrete 8. Steel<br>4. Wood 9. Other<br>5. Stucco | 4 | |
| STORIES/HEIGHT | 01 12 | |
| GROUND FLOOR AREA | 1,164 | |
| PERIMETER UNITS/FL. | 168 | |
| HEATING/COOLING<br>11. Electric Baseboard<br>12. Wall Heaters<br>13. Forced Warm Air<br>14. Hot Water<br>15. Space Heaters/Radiant<br>16. Steam W/Boiler<br>17. Steam/No Boiler<br>18. Ventilation<br>19. Wall/Fl. Furance<br>21. Package A.C.<br>22. Warm/Cool Air<br>23. Hot/Chilled Water<br>24. Heat Pump<br>25. Indiv. Heat Pump<br>26. H.V.A.C. | 13 | |
| YEAR BUILT | 1956 | |
| YEAR REMODELED | | |
| CONDITION<br>1. Poor 3. Avg. - 6. Good<br>2. Fair 4. Avg. 7. V Good<br>5. Avg. + 8. Excel. | 5 | |
| PERCENT GOOD<br>Physical<br>Functional<br>Economic | 00<br>100<br>100 | |

TRIO

| | |
|---|---|
| ENTRANCE CODE<br>1. Inspect. 4. Vacant<br>2. Refused 5. Estim.<br>3. Info Only 6. Ext | |
| INFO. CODE<br>1. Owner 4. Agent<br>2. Relative 5. Estimate<br>3. Tenant 6. Other | |
| DATE INSP. __/__/__ | |




| No./Date | Description | Date Insp. |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

**ADDITIONS, OUTBUILDINGS & IMPROVEMENTS**

| | TYPE | YEAR | UNITS | GRADE | COND. | PERCENT GOOD Phys. | PERCENT GOOD Funct. |
|---|---|---|---|---|---|---|---|
| | ~~101~~ | ~~1956~~ | ~~37~~ | ~~2+00~~ | ~~4~~ | ~~00~~% | ~~050~~% |
| | | | | | | __% | __% |
| | | | | | | __% | __% |
| | | | | | | __% | __% |
| | | | | | | __% | __% |
| | | | | | | __% | __% |
| | | | | | | __% | __% |
| | | | | | | __% | __% |
| | | | | | | __% | __% |
| | | | | | | __% | __% |

NOTES:

CODES
1. 1S Fr
2. 2S Fr
3. 3S Fr
4. 1 1/2S Fr
5. 1 3/4S Fr
6. 2 1/2S Fr

**Add 10 for Masonry**
21. OFP
22. EFP
23. Garage
24. Shed
25. Bay Window
26. Overhang
27. Unf. Bsmt.
28. Unf. Attic
29. Fin. Attic

**Add 20 for 2 Story**
61. Carport
62. Patio
349. Swimming Pool
64. Tennis Court
65. Stable w/Loft
66. Greenhouse
67. Barn
68. Wood Deck
69. Jacuzzi

NOTES:

957 ✓ 2816/2812

# COMMERCIAL PROPERTY

| SIDE | CARD | STREET | MAP | LOT |
|---|---|---|---|---|
| N | 11-28-77 | Belmont Ave. | R-5 | 16B |
| | | OWNER Nickerson, Harland E. + Catherine E. | | |

| RECORD OF TRANSFER | DATE | BK | PG | I.R.S. |
|---|---|---|---|---|
| Nickerson, Harland E. & Catherine E. | 2/4/72 | 695 | 229 | |
| RED # 3 | | | | |

INTERIOR INSPECTED: X Yes; with owner 1-10-83 Mrs. Nickerson

DATE: 8-30-83 No Change

REMARKS: B

Boynton Oil, Inc. has right of way Thru This property

1980 Value Factor + 10%
+25% '85 Val. Factor
Incl. +10% 1980
Land - 7,850 X 1.25
Bldgs. - 28,050 X 1.25

## ACREAGE COMPUTATIONS R/W

| LAND TYPE | # OF ACRES | PRICE | TOTAL | DEPR. | VALUE | Eq. Fact. | ASSESSMENT |
|---|---|---|---|---|---|---|---|
| HOUSE LOT 96% | .92 | ~~9075~~ | ~~8712~~ | 10 | 7841 | 100 | 7850 |
| CLEARED FRONT | | | | | | | |
| REAR | | | | | | | |
| PASTURE FRONT | | | | | | | |
| REAR | | | | | | | |
| WOODS & SPROUT FRONT | | | | | | | |
| REAR | | | | | | | |
| WASTE FRONT | | | | | | | |
| REAR | | | | | | | |
| | .92 | | | | | | 7850 |

x 1.56 = 12,250

## LOT COMPUTATIONS

| FRONT | DEPTH | STREET PRICE | DEPTH % | FRONT FT. PRICE | TOTAL | DEPR. | COR. INF. | VALUE | Eq. Fact. | ASSESSMENT |
|---|---|---|---|---|---|---|---|---|---|---|
| 200' | 200' | ~~7500~~ ~~8250~~ 9075 | | | | | | | | |

## LAND FACTORS

| | | | |
|---|---|---|---|
| HILLY | | NO CITY SEWER | ✓ |
| ROUGH | | NO CITY WATER | |
| HIGH | | GRAVEL RD. | |
| LOW | | DIRT RD. | |
| SWAMPY | | NO RD. | |

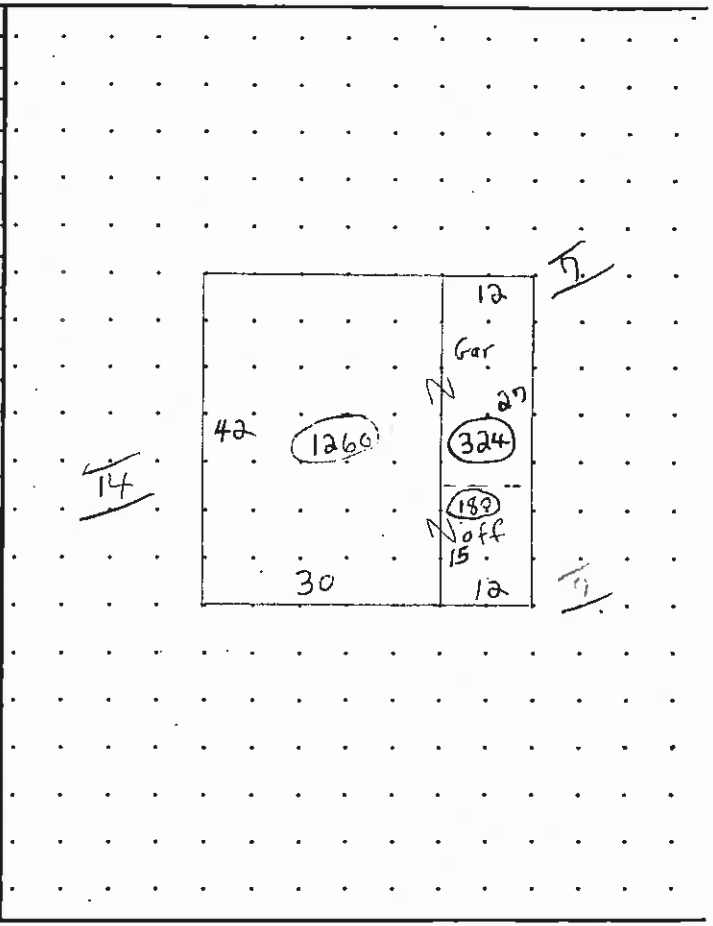
## SUMMARY

| | | |
|---|---|---|
| 19 73 | LAND | 6500 |
| | BLDGS. | 18450 |
| | TOTAL | 24950 |
| 19 76 | LAND | 7,150 |
| | BLDGS. | 18,450 |
| | TOTAL | 25,600 |
| 19 78 | LAND | 7,850 |
| | BLDGS. | 22,800 |
| | TOTAL | 30,650 |
| 19 80 | LAND | 8,650 |
| | BLDGS. | 25,100 |
| | TOTAL | 33,750 |
| 19 85 | LAND | 9,800 |
| | BLDGS. | 35,050 |
| | TOTAL | 44,850 |
| 19 88 | LAND | 12,250 |
| | BLDGS. | 43,760 |
| | TOTAL | 56,010 |
| 19 | LAND | |
| | BLDGS. | |
| | TOTAL | |
| 19 | LAND | |
| | BLDGS. | |
| | TOTAL | |
| 19 | LAND | |
| | BLDGS. | |
| | TOTAL | |
| 19 | LAND | |
| | BLDGS. | |
| | TOTAL | |
| 19 | LAND | |
| | BLDGS. | |
| | TOTAL | |
| 19 | LAND | |
| | BLDGS: | |
| | TOTAL | |
| 19 | LAND | |
| | BLDGS. | |
| | TOTAL | |
| 19 | LAND | |
| | BLDGS. | |
| | TOTAL | |



UNITED APPRAISAL CO., EAST HARTFORD, CONN.

| FOUNDATION | | CEILINGS | | TILING | | BUILDING COMPUTATION | | | |
|---|---|---|---|---|---|---|---|---|---|
| CONCRETE WALLS | ✓ | LATH & PLASTER | | BATH RM. FL. & WAINS. | | 1964 S. F. | 17.40 | 30693 |
| CEMENT BLK. WALLS | | COMPO. BOARD | ✓ | TOILET RM. FL. & WAINS. | | S. F. | | |
| BRICK WALLS | | ACOUSTICAL | | BATH ROOM FLR | | S. F. | | |
| STONE WALLS | | Gar. Unfin. | ✓ | TOILET ROOM FLR. | | S. F. | | |
| | | INTERIOR FINISH | | | | S. F. | | |
| BASEMENT AREA | | LATH & PLASTER | | MISCELLANEOUS | | S. F. | | |
| ¼ ½ ¾ FULL | | DRYWALL | | FIREPROOF CONSTR. | | S. F. | | |
| EXTERIOR WALLS | | WALLBOARD | ✓ | MILL CONSTRUCTION | | S. F. | | |
| SOLID COM. BRICK | | UNFIN. INT. | | FIRE RESISTING | | | | |
| COM. BR. ON C. B. | | | | STEEL FRAME | | | | |
| FACE BR. ON COM. BR. | | PARTITIONS | | STEEL BEAMS & COLS. | | | | |
| FACE BR. ON C. B. | | LATH AND PLASTER | | TIMBER BEAMS & COLS. | | | | |
| FACE BR. VEN. | | DRYWALL | | STEEL TRUSSES | | | | |
| CEMENT OR CINDER BLK | | BRICK | | | | | | |
| REIN. CONCRETE | | C. BLK. | | SPRINKLER SYST. | | | | |
| CUT STONE FACING | | | | PASSENGER ELEV. | | | | |
| STONE OR T. C. TRIM | | HEATING | | FREIGHT ELEV. | | | | |
| STUCCO ON | | STEAM | | INCINERATOR | | | | |
| SIDING ~~OR SHINGLES~~ | ✓ | HOT WATER | | FIREPLACES | | | | |
| PARTY WALLS | | HOT AIR (F) | ✓ | CHIMNEYS | | | | |
| PLATE GLASS FRONT | | GAS | | | | | | |
| | | OIL BURNER Unit 1 | ✓ | STEEL FRAME SASH | | | | |
| ROOFING | | COAL STOKER | | WOOD FRAME SASH | ✓ | REPLACEMENT VALUE | | 30693 |
| COMPOSITION OR T. & G. | ✓ | NO HEATING | | RENTAL CAPITALIZATION | | LOCATION | | |
| METAL | | AIR COND. — REFRIG. | | LAND | | GOOD / FAIR / POOR | | |
| WOOD DECK | | AIR COND. — WATER | | VACANCY | | LISTER | DATE | |
| METAL DECK | | | | HEATING | | E. | 7-30-92 | |
| | | WIRING | | WATER | | | | |
| FLOORS | | FLEXLUME OR EQUAL | ✓ | ELECTRICITY | | | | |
| | B 1ST 2ND 3RD | PIPE CONDUIT | | JANITOR | | | | |
| CONCRETE | | | | INSURANCE | | | | |
| EARTH | | PLUMBING | | MAINTENANCE | | | | |
| TILE | | BATH ROOMS | | MANAGEMENT | | | | |
| HARDWOOD | | TOILET ROOMS 2 | ✓ | | | | | |
| SINGLE FL. | | WATER CLOSET EXTRA | | TOTAL FLAT EXPENSES | | | | |
| ASPH. TILE | ✓ | LAVATORY EXTRA | | GROSS ANNUAL INCOME | | | | |
| TERRAZZO | | SINK EXTRA | | LESS FLAT EXPENSES | | | | |
| WOOD JOIST | | URINALS | | BALANCE FOR CAP. | | | | |
| STEEL JOIST | | NO PLUMBING | | CAP. RATE | | | | |
| REIN. CONC. | | | | REFLECTED CAP. VALUE | | | | |




OCCUPANCY DETAIL & INCOME

Nickerson's Esso - 1966 from. fr. ~~per~~ inv.

| | OCCUPANCY | CONSTRUCTION | SIZE | AREA | CLASS | AGE | REMOD. | COND. | REPL. VAL. | Phy. Dep. | PHYS. VALUE | Econ. Funct. Dep. | ACTUAL VAL. | Eq. Fact. | ASSESSMENT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Gas Station | FR | 5K | | | 1956 | NO. | F. | 37364 | ~~25~~ 2 | 26856 | ~~25~~ | 26856 | 100 | 26850 |
| 2 | Paving | Asphlt | 36×102 | 3672 | .50 | | | F | 1836 | 35 | 1193 | ✓ | 1193 | 100 | 1200 |
| 3 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |

Facility Registration # 2053 Town: Belfast

Facility Name: Nickerson Exxon

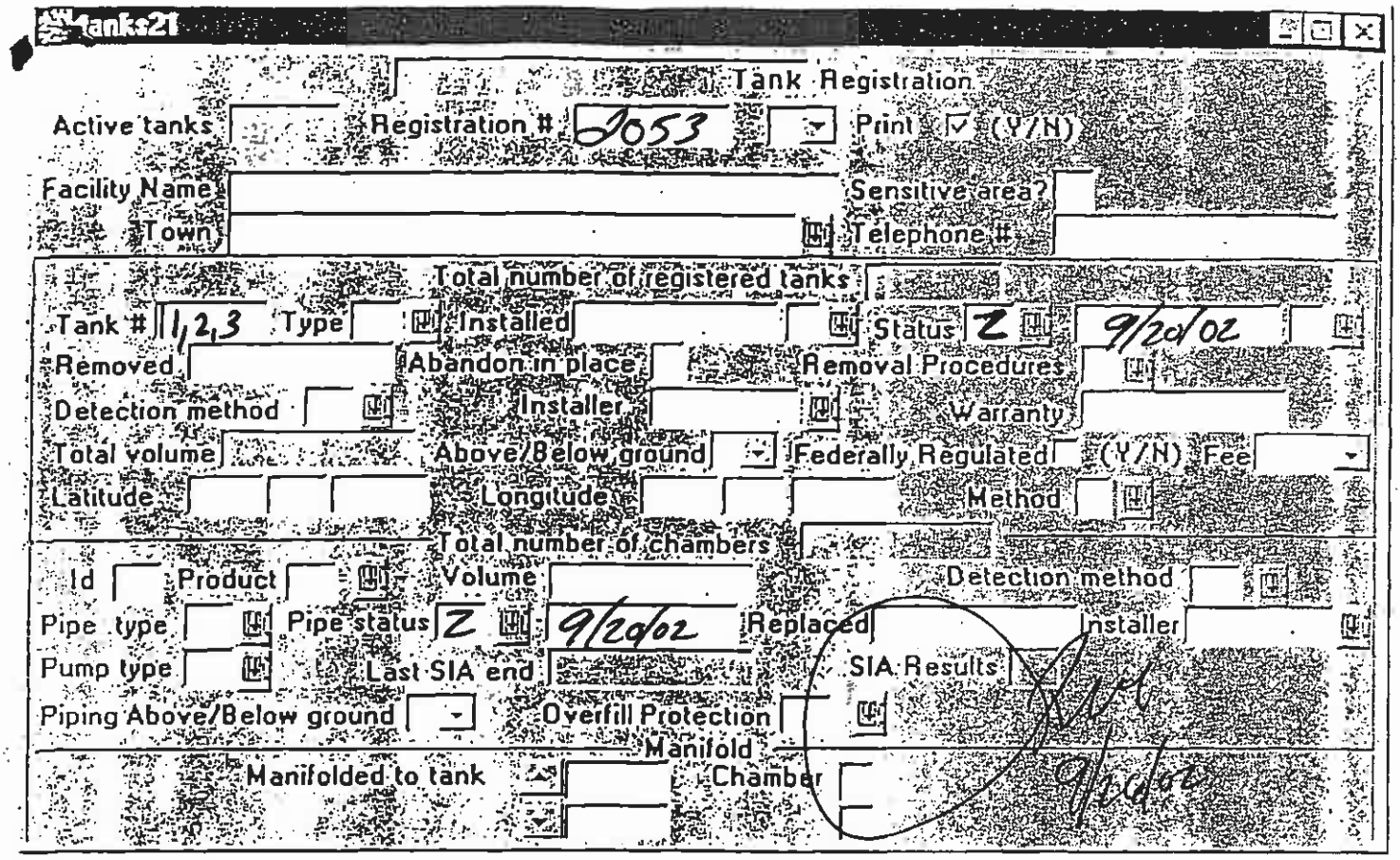
This is to notify DEP that on 9/20/02
the following underground oil storage tanks were removed by

Contractor: L.C. Tank

| TANK | Tank Size (gallons) | Product Stored |
|---|---|---|
| 1 | 6 000 | RNL |
| 2 | 4000 | PNL |
| 3 | 4000 | SNL |
| 4 | | |

Leonard Carr — Authorized Signature

9/25/02 — Date


Tanks21
Tank Registration
Active tanks
Registration # 9053
Print (Y/N)
Facility Name
Sensitive area?
Town
Telephone #
Total number of registered tanks
Tank # 1,2,3
Type
Installed
Status Z
9/20/02
Removed
Abandon in place
Removal Procedures
Detection method
Installer
Warranty
Total volume
Above/Below ground
Federally Regulated
(Y/N)
Fee
Latitude
Longitude
Method
Total number of chambers
Id
Product
Volume
Detection method
Pipe type
Pipe status Z
9/20/02
Replaced
Installer
Pump type
Last SIA end
SIA Results
Piping Above/Below ground
Overfill Protection
Manifold
Manifolded to tank
Chamber
9/20/02

9P 11/21/12

Maine Department of Environmental Protection
Bureau of Remediation and Waste Management
17 State House Station
Augusta, Maine 04333-0017
Attention: Tank Removal Notice
Telephone: (207) 287-2651

**Expires after 6 (six) months if the Department does not receive notice that removal was completed.**

# *NOTICE OF INTENT TO ABANDON (REMOVE)*

## *AN UNDERGROUND OIL STORAGE FACILITY*

**THIS FORM MUST BE FILED WITH THE D.E.P. AND YOUR LOCAL FIRE DEPARTMENT AT LEAST 30 DAYS PRIOR TO THE SCHEDULED REMOVAL**

**PLEASE TYPE OR PRINT IN INK:**

Name of Facility Owner: Thomas Auger
Mailing Address: 319 Ridge Road Telephone #: 888-578-0649
City: Wales State: ME Zip Code: 04280
Contact Person (name, address & telephone #):
Bob Spencer 888-578-0649
Name of Facility: Harold Nickerson Registration #: 2053
Facility Location (town & street): 25 Belfast Ave Belfast ME

1. Identify the tanks at this location which are going to be removed:

| Tank # | Tank Age | Tank Size (gallons) | Type of Product Stored |
|---|---|---|---|
| 1 | | 6,000 | Gas |
| 2 | | 4,000 | Gas |
| 3 | | 4,000 | Gas |

2. Directions to this facility (be specific):

3. Is or was the tank(s) used to store Class I liquids (e.g., gasoline, jet fuel)? Yes _____ No _____
**IF YES, REMOVAL OF THE TANK(S) MUST BE DONE UNDER THE DIRECTION OF A CERTIFIED TANK INSTALLER.**

| **Tank Installer's Name:** | **Certification Number:** | **Signature** |
|---|---|---|
| Leonard Carr | 314 | Leonard Carr |

4. Environmental site assessments are required for all tanks except those used for storing heating oil, not for resale, or for farm or residential motor fuel tanks under 1,100 gallons where the product is used on site. **Site Assessor's Name and Address** (if applicable):
Mike White CG 7 Webster Road New Sharon Me 04955

5. Name and telephone number of contractor who will do the tank removal:
L.C.'s Tank Installation & Repair Service Inc 654-2936

6. Expected date of removal (month/day/year): 9/20/02

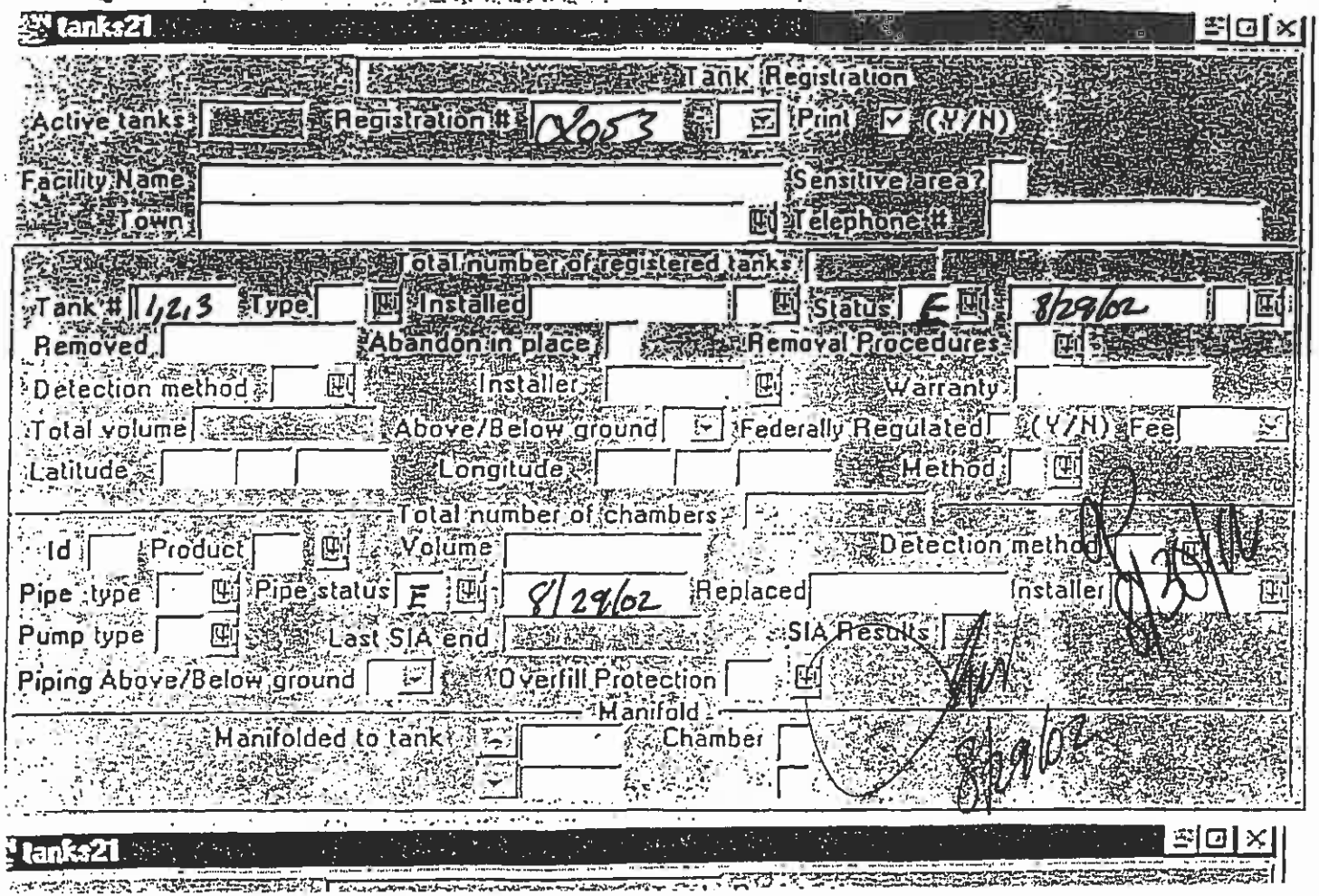
I hereby provide Notice that I intend to properly abandon the underground oil storage facility as described above.

Date: _____ Signature: Thomas Auger

Printed Name and Title: THOMAS AUGER OWNER

**Mail original and yellow copy to DEP; pink copy to fire department; retain gold copy.**
**RETURN POSTCARD AFTER TANK(S) HAS BEEN REMOVED**

TANKREMO/sjm (5/96)


tanks21
Tank Registration
Active tanks
Registration # 0053
Print (Y/N)
Facility Name
Sensitive area?
Town
Telephone #
Total number of registered tanks
Tank # 1,2,3
Type
Installed
Status E
8/29/02
Removed
Abandon in place
Removal Procedures
Detection method
Installer
Warranty
Total volume
Above/Below ground
Federally Regulated (Y/N)
Fee
Latitude
Longitude
Method
Total number of chambers
Id
Product
Volume
Detection method
Pipe type
Pipe status E
8/29/02
Replaced
Installer
Pump type
Last SIA end
SIA Results
Piping Above/Below ground
Overfill Protection
Manifold
Manifolded to tank
Chamber
8/29/02
tanks21

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

ANGUS S. KING, JR.
GOVERNOR

MARTHA KIRKPATRICK
COMMISSIONER

Thomas Auger
319 Ridge Rd
Wales, ME 04280

December 6, 2002

RE: UST Site Assessment Report/September 20, 2002
Facility Registration No.(s) 2053
Location of Assessment: Harold Nickerson

Dear :Madam/Sir

This letter is to acknowledge receipt of a site assessment report conducted at the time of the closure of the above referenced underground oil storage tank(s) (UST). The site assessment and the site assessment report satisfactorily meet the requirements of Maine's underground oil storage tank regulations (Chapter 691, Section 11 and Appendix P).

With receipt of a satisfactory site assessment report and abandonment notice, your UST registration records are amended to show the above tank(s) as abandoned. If the site assessment found oil contamination, the required second copy that you submitted has been forwarded to field personnel in the closest Department regional office for possible follow up if clean up is needed or additional remediation measures must be undertaken beyond those taken previously. In no way should the meaning of this letter be interpreted to also include approval of any recommendations or conclusions contained in this report regarding the need for or the levels of clean-up. Such approvals and decisions should be obtained directly from the Department field staff working on the clean-up of your site.

Please be sure that if contamination was found that it was properly reported to the Department and that a copy of the site assessment report was provided to the chief municipal official in the town in which the tanks were located.

Questions may be directed to the Bureau of Remediation & Waste Management at (207) 287-2651.

Sincerely,

Harrison Bispham, Senior Environmental Engineer
Technical Services

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688
[illegible] ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PA
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 764-1507

*Date of Certificate:*

September 04, 2002

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

**FACILITY REGISTRATION CERTIFICATE**
**FOR**
**Below Ground Storage Tanks**

Please display this certificate in a visible location at the registered facility.

*Facility:*

NICKERSONS EXXON
25 BELMONT AVE
BELFAST

*Facility Registration Number:* 2053
*Date of Registration:* July 07, 1986
*Facility Phone Number* (207) 338-3264

---

*Operator:* NICKERSON, HARLAND
*Contact:*

25 BELMONT AVE
BELFAST
ME 04915

(207) 338-3264

*Owner:* NICKERSON, HARLAND
*Contact:*

25 BELMONT AVE
BELFAST
ME 04915

(207) 338-3264

*Sensitive Area Status:*

None

*Facility Use:*

Retail Oil Dist.

*Number of Active Tanks:* 3

---

**IF THE INFORMATION ON THIS FORM IS ACCURATE AND**

The Maine Department of Environmental Protection must be notified of any errors or changes in the information on this form. To accomplish this, please draw a line through the incorrect or outdated information, insert the correct information, and return this form to:

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF OIL AND HAZARDOUS MATERIALS**
**CONTROL**
**STATE HOUSE STATION # 17**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage Tanks program.

tk_cert (3/95)

Date of Certificate
Sep 4, 2002

# INDIVIDUAL TANK DATA FOR SITE NUMBER: 2053

| Tank-Chamber | Tank Type | Tank Size | Tank | Product Stored | Piping Type | Pipe | Date Installed | Tank | Tank Status Date |
|---|---|---|---|---|---|---|---|---|---|
| 1-1 | Steel with cathodic protection. | 6000 | Sia Statistical Inventory | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Planned For Removal | 08/29/02 |
| 2-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Planned For Removal | 08/29/02 |
| 3-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory | Premium Unleaded | Flexible double-walled | Conforming Suction System | 9/1/84 | Planned For Removal | 08/29/02 |

Date of Certificate:

December 17, 2002

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

**FACILITY REGISTRATION CERTIFICATE**
**FOR**
**Below Ground Storage Tanks**

Please display this certificate in a visible location at the registered facility.

*Facility:*

NICKERSONS EXXON
25 BELMONT AVE
BELFAST

*Facility Registration Number:* 2053
*Date of Registration:* July 07, 1986
*Facility Phone Number* (207) 338-3264

---

*Operator:* NICKERSON, HARLAND
*Contact:*

25 BELMONT AVE
BELFAST
ME 04915

(207) 338-3264

*Owner:* BLACKSTONE PROPERTIES
*Contact:*

319 RIDGE RD
WALES
ME 04280

(207) 933-5443

*Sensitive Area Status:*

None

*Facility Use:*

Retail Oil Dist.

*Number of Active Tanks:* 0

---

**IF THE INFORMATION ON THIS FORM IS ACCURATE AND COMPLETE, PLEASE RETAIN FOR YOUR RECORDS.**

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**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL**
**STATE HOUSE STATION # 17**
**AUGUSTA, MAINE 04333**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage Tanks program.

tk_cert (3/95)

Date of Certificate
Dec 17, 2002

# INDIVIDUAL TANK DATA FOR SITE NUMBER: 2053

| Tank-Chamber | Tank Type | Tank Size | Tank | Product Stored | Piping Type | Pipe | Date Installed | Tank | Tank Status Date |
|---|---|---|---|---|---|---|---|---|---|
| 1-1 | Steel with cathodic protection. | 6000 | Sia Statistical Inventory | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Removed | 09/20/02 |
| 2-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Removed | 09/20/02 |
| 3-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory | Premium Unleaded | Flexible double-walled | Conforming Suction System | 9/1/84 | Removed | 09/20/02 |

*Date of Certificate:*

December 06, 2002

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

**FACILITY REGISTRATION CERTIFICATE**
**FOR**
**Below Ground Storage Tanks**

Please display this certificate in a visible location at the registered facility.

*Facility:*

MARITIME FARMS 19
1923 HEALD HIGHWAY
UNION

*Facility Registration Number:* 937
*Date of Registration:* June 12, 1986
*Facility Phone #* (207) 785-5777

---

*Operator:* MARITIME ENERGY
*Contact:*
PO BOX 485
ROCKLAND
ME 04841
(207) 596-0986

*Sensitive Area Status:*

None

*Owner:* MARITIME ENERGY
*Contact:*
PO BOX 485
ROCKLAND
ME 04841
(207) 596-0986

*Facility Use:*

Retail Oil Dist.

*Number of Active Tanks:* 1

---

**IF THE INFORMATION ON THIS FORM IS ACCURATE AND**

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**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF OIL AND HAZARDOUS MATERIALS**
**CONTROL**
**STATE HOUSE STATION # 17**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage Tanks program

Date of Certificate
Dec 6, 2002

# INDIVIDUAL TANK DATA FOR SITE NUMBER: 937

| -Chamber | Tank Type | Tank Size | Additional | Product Stored | Pipe Monitoring | Date Installed | Piping Type | Tank | Tank Status |
|---|---|---|---|---|---|---|---|---|---|
| 1-1 | Steel - bare or asphalt coated. | 6000 | Sia Statistical Inventory | Unleaded Gasoline | SIA Statistical Inventory Analysis | 5/1/1984 | Galvanized steel | Planned | 06/19/97 |
| 2-1 | Steel - bare or asphalt coated. | 4000 | Unknown | Unleaded Gasoline | Unknown | 6/1/1969 | Galvanized steel | Removed | 08/01/86 |
| 3-1 | Steel - bare or asphalt coated. | 4000 | Unknown | Unleaded Gasoline | Unknown | 5/1/1975 | Galvanized steel | Removed | 10/01/89 |
| 4-1 | Steel - bare or asphalt coated. | 4000 | Unknown | Unleaded Gasoline | Unknown | 8/1/1979 | Galvanized steel | Removed | 10/01/89 |
| 5-1 | Steel - bare or asphalt coated. | 4000 | Sia Statistical Inventory | Diesel | Unknown | 7/1/1982 | Galvanized steel | Removed | 06/19/97 |
| 6-1 | Steel - bare or asphalt coated. | 1000 | Unknown | #2 Fuel Oil | Unknown | 1/1/1965 | Galvanized steel | Removed | 10/01/89 |
| 7-1 | Steel - bare or asphalt coated. | 1000 | Unknown | Waste Oil/ Used | Unknown | 1/1/1960 | Galvanized steel | Removed | 10/01/89 |
| 8-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory | Unleaded Gasoline | SIA Statistical Inventory Analysis | 8/1/1986 | Steel with cathodic protection. | Removed | 05/28/02 |

Dec 6, 2002

# INDIVIDUAL TANK DATA FOR SITE NUMBER: 937

| nk-Chamber | Tank Type | Tank Size | Additional | Product Stored | Pipe Monitoring | Date Installed | Piping Type | Tank | Tank Status |
|---|---|---|---|---|---|---|---|---|---|
| 9-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory | Unleaded Gasoline | SIA Statistical Inventory Analysis | 10/1/1989 | F/glass - Petroleum only | Removed | 05/28/02 |
| 10-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory | Premium Unleaded | SIA Statistical Inventory Analysis | 10/1/1989 | F/glass - Petroleum only | Removed | 05/28/02 |
| 11-1 | Jacketed Tank - double-walled | 11000 | Sec. Con. W/Contin. Elec. Monitor | Unleaded Gasoline | Unknown | 5/21/2002 | F/glass - Petroleum only | Active | 08/29/02 |
| 11-2 | Jacketed Tank - double-walled | 4000 | Sec. Con. W/Contin. Elec. Monitor | Premium Unleaded | Unknown | 5/21/2002 | F/glass - Petroleum only | Active | 08/29/02 |
| 11-3 | Jacketed Tank - double-walled | 5000 | Sec. Con. W/Contin. Elec. Monitor | Diesel | Unknown | 5/21/2002 | F/glass - Petroleum only | Active | 08/29/02 |

Date of Certificate:

November 20, 2002

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

**FACILITY REGISTRATION CERTIFICATE FOR CHANGE OF OWNER OR OPERATOR**

Please make all changes to the information on this

*Facility:*

NICKERSONS EXXON
25 BELMONT AVE
BELFAST

*Facility Registration Number:* 2053
*Date of Registration:* July 07, 1986
*Facility Phone #* (207) 338-3264

---

*Operator:*
NICKERSON, HARLAND

25 BELMONT AVE
BELFAST
ME 04915

(207) 338-3264

*Sensitive Area Status:*

None

OP 12/2/12

TAKEN OUT

*Owner:*
NICKERSON, HARLAND

25 BELMONT AVE
BELFAST
ME 04915

Date of ownership change 8-02
BLACKSTONE PROPERTIES
319 RIDGE RD
WALES, ME 04280

*Facility Use:*
Retail Oil Dist.

933-5443

*Number of Active Tanks:* 3 0

(207) 338-3264

---

CERTIY THIS FORM BY SIGNING. By signing this form I, the tank registrant, certify that all information is accurate and complete to the best of my knowledge

THOMAS AUGER — GENERAL PARTNER D/B/A BLACKSTONE PROPERTIES LLC

Owner or authorized employee of owner — Title

Signature: Thomas Auger Date 11-25-02

**Please make all changes to the above information and return this form to:**

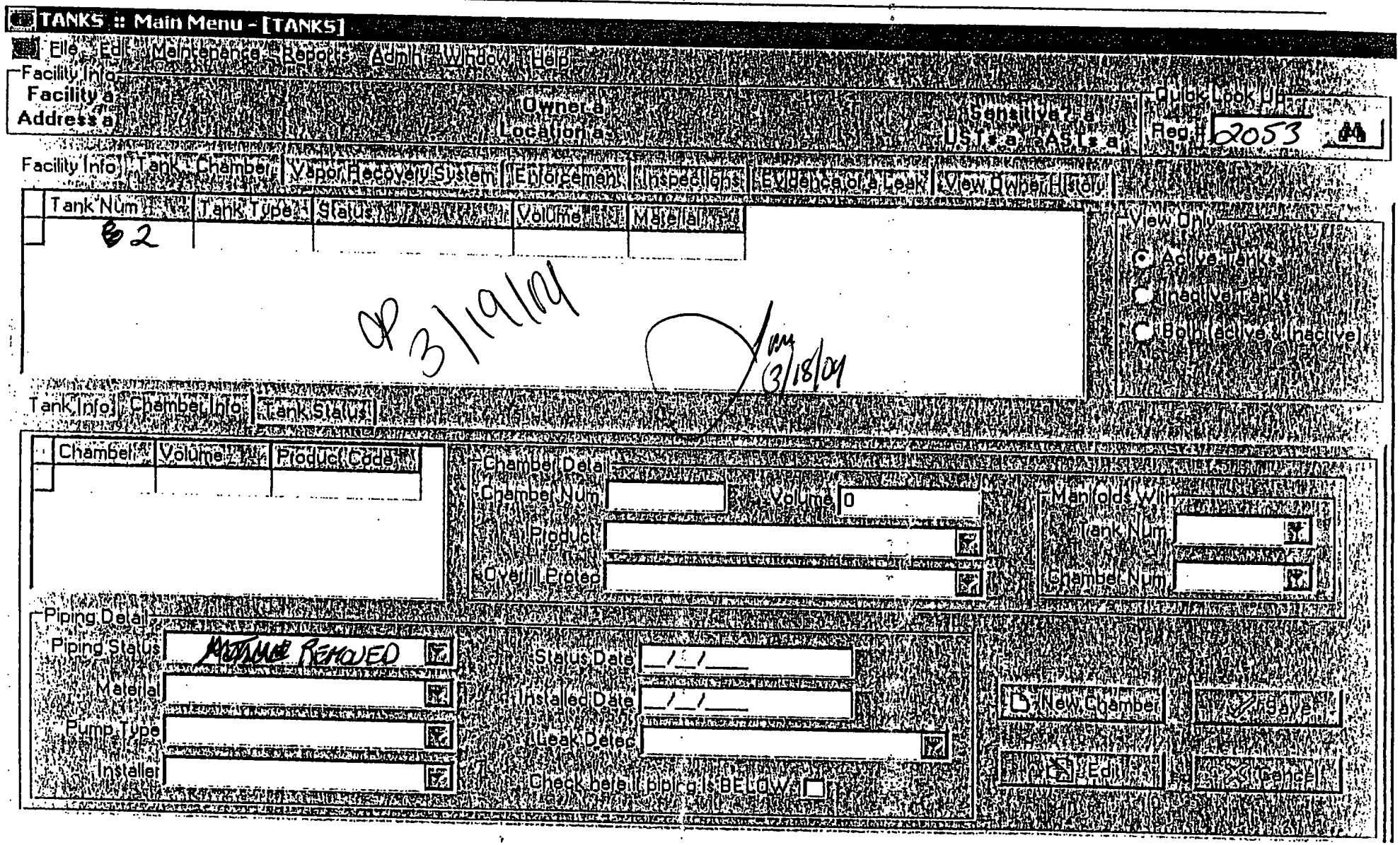
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF REMEDIATION AND WASTE MANAGEMENT**
**STATE HOUSE STATION # 17**
**AUGUSTA, MAINE 04333**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage Tanks program.

Cert owner change 5/00

NAME:: _____ DATE: 3/18/04

DESCRIPTION OF WHY CHANGE (Or attach Documentation:



tanks21

Site Registration

Active tanks | Registration # 2053 | Print ☑ (Y/N)

Facility Name | Sensitive area?

Town | Telephone # 207-338-3264

Address 25 Belmont Ave | Fac use

Registration | Last inspection | Last change

Directions

Is the site ...

Within 1000 feet of public water? ☐ (Y/N) Within 250 feet of wetlands? ☐ (Y/N)

Within 300 feet of private water? ☐ (Y/N) Within 100 year flood plain? ☐ (Y/N)

If yes, is it non-owner's? ☐ (Y/N)

On a sand and gravel aquifer? ☐ (Y/N)

911 change

Red School 4/12/2001 4/12/01

Owner

Begin date of ownership | End date of ownership

Contact

Company or name | Phone #

Secondary address Delete | 207-338-3264

Delivery address 25 Belmont Ave

City/St/Zip

Country

Operator

Contact

Company or name | Phone #

Secondary address | same

Delivery address same

City/St/Zip

Country

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

ANGUS S. KING, JR.
GOVERNOR

MARTHA KIRKPATRICK
COMMISSIONER

December 16, 1999

Robert Spencer
P.O. Box 1088
Auburn, Maine 04211-1088

RE: Nickerson's Exxon, #2053, Belfast

Dear Mr. Spencer:

Thank you for your call. You indicated that you plan to purchase this facility and plan to remove the tanks in spring 2000.

You will need to notify the Department within 10 business days of your purchase of the facility, in accordance with Chapter 691(4)(P). You may do this by amending and returning the enclosed certificate of registration or by sending us a letter.

In addition, the following are enclosed for your use:

- Notice of Intent to Remove an Underground Oil Storage Facility
- Information sheet on tank removal
- List of certified UST installers -- The removal of gasoline tanks must be done under the on-site supervision of a licensed underground storage tank installer.
- List of Site Assessment Consultants

Please call me or any of the "Tanks" staff at 287-2651 if you have any questions about this information.

Sincerely,

Diana McLaughlin
Division of Oil & Hazardous Waste Facilities Regulation
Bureau of Remediation & Waste Management

enclosures

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
287-2651
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 760-3143

*Robert W. Spencer*
*P.O. Box 1088 • Auburn, Maine 04211-1088*
*Investor in Real Estate*

*Office*
*(207) 782-5152*
*Fax*
*207-777-6313*

May 4, 2000

Mr. John M. Dunlap
ME Dept. of Environmental Protection
Div. of Oil & Hazardous Waste Facilities
17 Statehouse Station
Augusta, ME 04333-0017

Dear Mr. Dunlap:

Thank you for the information forwarded to me as it relates to Nickerson's Exxon in Belfast, Maine, site #2053.

I have a contract to purchase Nickerson's Exxon, however, have not closed on it as of yet, but expect to do so in the next 60 to 90 days, unless I have sold it prior to that. My intention in buying this was to remove the tanks and the building, erecting another building for a party to lease, however, that is now temporarily on hold because I am talking with another party on this site who thinks they really want to own it rather than my building and leasing to them.

If that doesn't happen in the next 60 to 90 days, then I'm going to take title to the property, and will forward you the appropriate registration forms at that time.

It is true that those three tanks are out of service, and have been pumped out by Harland Nickerson.

At such time as any change is proposed, whether to remove the tanks, at my acquisition of the property or selling it, I shall keep you informed.

Sincerely,

Robert W. Spencer

/pls

me belfast exxon underground tank registration1.doc

*Date of Certificate:*

April 13, 2001

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

**FACILITY REGISTRATION CERTIFICATE FOR**
**Below Ground Storage Tanks**

Please display this certificate in a visible location at the registered facility.

*Facility:*

NICKERSONS EXXON
25 BELMONT AVE
BELFAST

*Facility Registration Number:* 2053
*Date of Registration:* July 07, 1986
*Facility Phone Number* (207) 338-3264

---

*Operator:*

NICKERSON, HARLAND

25 BELMONT AVE
BELFAST
ME 04915

(207) 338-3264

*Sensitive Area Status:*

None

*Owner:*

NICKERSON, HARLAND

25 BELMONT AVE
BELFAST
ME 04915

(207) 338-3264

*Facility Use:*

Retail Oil Dist.

*Number of Active Tanks:* 3

---

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The Maine Department of Environmental Protection must be notified of any errors or changes in the information on this form. To accomplish this, please draw a line through the incorrect or outdated information, insert the correct information, and return this form to:

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL**
**STATE HOUSE STATION # 17**
**AUGUSTA, MAINE 04333**
**ATTN: Underground Tanks Program**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage Tanks program.

tk_cert (3/95)

Date of Certificate
Apr 13, 2001

# INDIVIDUAL TANK DATA FOR SITE NUMBER: 2053

| Tank-Chamber Number | Tank Type | Tank Size | Tank Monitoring | Product Stored | Piping Type | Pipe Monitoring | Date Installed | Tank Status | Tank Status Date |
|---|---|---|---|---|---|---|---|---|---|
| 1-1 | Steel with cathodic protection. | 6000 | Sia Statistical Inventory Analysis | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Out Of Service | 12/01/99 |
| 2-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory Analysis | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Out Of Service | 12/01/99 |
| 3-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory Analysis | Premium Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Out Of Service | 12/01/99 |

*Date of Certificate:*

January 12, 2001

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

**FACILITY REGISTRATION CERTIFICATE FOR**
**Below Ground Storage Tanks**

Please display this certificate in a visible location at the registered facility.

*Facility:*

NICKERSONS EXXON
BELMONT AVE
BELFAST

*Facility Registration Number:* 2053
*Date of Registration:* July 07, 1986
*Facility Phone Number* (207) 338-4554

*Operator:*

NICKERSON, HARLAND
BELMONT AVE
BOX 678
BELFAST
ME 04915

(207) 338-4554

*Sensitive Area Status:*

None

*Owner:*

NICKERSON, HARLAND
BELMONT AVE
BOX 678
BELFAST
ME 04915

(207) 338-4554

*Facility Use:*

Retail Oil Dist.

*Number of Active Tanks:* 3

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**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL**
**STATE HOUSE STATION # 17**
**AUGUSTA, MAINE 04333**
**ATTN: Underground Tanks Program**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage Tanks program.

tk_cert (3/95)

Date of Certificate
Jan 12, 2001

# INDIVIDUAL TANK DATA FOR SITE NUMBER: 2053

| Tank-Chamber Number | Tank Type | Tank Size | Tank Monitoring | Product Stored | Piping Type | Pipe Monitoring | Date Installed | Tank Status | Tank Status Date |
|---|---|---|---|---|---|---|---|---|---|
| 1-1 | Steel with cathodic protection. | 6000 | Sia Statistical Inventory Analysis | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Out Of Service | 12/01/99 |
| 2-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory Analysis | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Out Of Service | 12/01/99 |
| 3-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory Analysis | Premium Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Out Of Service | 12/01/99 |

P.O. Box 1429 Bucksport, ME 04416
Phone (207) 469-6113
Fax (207) 469-7469

**Dead River Company**
**Transport Division**

# Fax

| | | | |
|---|---|---|---|
| **To:** | Juanita Witkop | **From:** | Levi Ross |
| **Fax:** | 207-287-7826 | **Pages:** | 2 |
| **Phone:** | | **Date:** | 08/15/00 |
| **Re:** | Nickerson's Exxon, Belfast | **CC:** | |

☐ **Urgent** ☒ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

• **Comments:**

Juanita,

Attached please find the copy of Dead River's Delivery Receipt for the transfer from Nickerson's Exxon to Perry's Quik Stop on Waldo Avenue in Belfast on 12/1/99.

A Total of 335 gallons of unleaded gasoline were pumped out of Nickerson's.

If I can be of further assistance, please call the number on this cover sheet.

Levi

# DEAD RIVER TRANSPORT

A DIVISION OF DEAD RIVER COMPANY

MAIN ST.
P.O. DRAWER 1429
BUCKSPORT, MAINE 04416
(207) 469-6113

DELIVERY TICKET NO.

1106

Pickup Point: 04-OTHER
Date: 12-1-99
Trip#: 103

Driver: 114 WALKER, N.
Tractor: 152
Trailer: 48

| Customer | Product | Loading Ticket# | Gallons Ordered | Actual Delivered |
|---|---|---|---|---|
| 049281 PERRY'S QUIK STOP 100 WALDO AVE. BELFAST, MAINE 04915 | N | 9999 | | 335 |
| | | | | |
| 5200 | | | | |
| | | TOTAL | | 0 |

11/2 - 16½" - 14½"

Received by: _____

Delivery Instructions

NEW TANKS 11/97 9000 NO LEAD AND 3000 SUPER. BOTH ARE 96".

Route Description

RT 1 SOUTH TO RT 137, TURN LEFT ONTO WALDO ST.

Special Comments

Product Information

Pumped out by Nickerson

*Date of Certificate:*

October 31, 1997

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

## UNDERGROUND STORAGE TANK FACILITY REGISTRATION CERTIFICATE

Please display this certificate in a visible location at the registered facility.

*Facility:*

NICKERSONS EXXON
BELMONT AVENUE
BELFAST

*Facility Registration Number:* 2053
*Date of Registration:* July 07, 1986
*Facility Phone Number* (207) 338-4554

---

*Operator:*

NICKERSON, HARLAND
BELMONT AVE
BOX 678
BELFAST
ME 04915

(207) 338-4554

*Sensitive Area Status:*

None

*Owner:*

NICKERSON, HARLAND
BELMONT AVE
BOX 678
BELFAST
ME 04915

(207) 338-4554

*Facility Use:*

Retail Oil Dist.

*Number of Active Tanks:* 3

---

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**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL**
**STATE HOUSE STATION # 17**
**AUGUSTA, MAINE 04333**
**ATTN: Underground Tanks Program**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage Tanks program.

tk_cert (3/95)

Date of Certificate
Oct 31, 1997

# INDIVIDUAL TANK DATA FOR SITE NUMBER: 2053

| Tank-Chamber Number | Tank Type | Tank Size | Tank Monitoring | Product Stored | Piping Type | Pipe Monitoring | Date Installed | Tank Status | Tank Status Date |
|---|---|---|---|---|---|---|---|---|---|
| 1-1 | Steel with cathodic protection. | 6000 | Sia Statistical Inventory Analysis | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Active | 09/01/84 |
| 2-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory Analysis | Gasoline Unspecified | Flexible double-walled | Conforming Suction System | 9/1/84 | Active | 09/01/84 |
| 3-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory Analysis | Premium Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Active | 09/01/84 |

Tank #: ____ Type: __ Installed: _____ (_) Status: __ - _____ (_)
Removed: _____ Abandon in place: _ Removal Procedures: _
Detection method: __ Installer: _____ Warranty: _____
Total volume: _____ Above/Below ground: _ Fee: _____
Latitude: __ __ ____ Longitude: __ __ ____ Method: _
Total number of chambers: _____
Id: _ Product: __ Volume: _____ Detection method: __
Pipe type: __ Pipe status: __-_____ Replaced: _____ Installer: _____
Pump type: _ Last SIA end: _____ SIA Results: __
Overfill Protection: _
Manifold
Manifolded to tank: ____ Chamber: _ _____ ____ -

Reg # 2053

Total number of registered tanks: _____
Tank #: 1 Type: __ Installed: _____ (_) Status: __ - _____ (_)
Removed: _____ Abandon in place: _ Removal Procedures: _
Detection method: __ Installer: _____ Warranty: _____
Total volume: _____ Above/Below ground: _ Fee: _____
Latitude: __ __ ____ Longitude: __ __ ____ Method: _
Total number of chambers: _____
Id: 1 Product: __ Volume: _____ Detection method: 11
Pipe type: Y Pipe status: __-_____ Replaced: 4/20/94 Installer: 013
Pump type: 1 Last SIA end: _____ SIA Results: __
Overfill Protection: _
Manifold
Manifolded to tank: ____ Chamber: _ _____ ____ -

See Prop Test 4/20/94 Certification dated 10/29/97

Reg # 2053

Total number of registered tanks: _____
Tank #: 2 Type: __ Installed: _____ (_) Status: __ - _____ (_)
Removed: _____ Abandon in place: _ Removal Procedures: _
Detection method: __ Installer: _____ Warranty: _____
Total volume: _____ Above/Below ground: _ Fee: _____
Latitude: __ __ ____ Longitude: __ __ ____ Method: _
Total number of chambers: _____
Id: 1 Product: __ Volume: _____ Detection method: 11
Pipe type: Y Pipe status: __-_____ Replaced: 4/20/94 Installer: 013
Pump type: 1 Last SIA end: _____ SIA Results: __
Overfill Protection: _
Manifold
Manifolded to tank: ____ Chamber: _ _____ ____ -

QD 10/30/97

Reg # 2053

Total number of registered tanks: _____
Tank #: 3 Type: __ Installed: _____ (_) Status: _____
Removed: _____ Abandon in place: _ Removal Procedures: _
Detection method: __ Installer: _____ Warranty: _____
Total volume: _____ Above/Below ground: _ Fee: _____
Latitude: __ __ ____ Longitude: __ __ ____ Method: _
Total number of chambers: _____
Id: 1 Product: __ Volume: _____ Detection method: 11
Pipe type: Y Pipe status: __-_____ Replaced: 4/20/94 Installer: 013
Pump type: 1 Last SIA end: _____ SIA Results: __
Overfill Protection: _
Manifold
Manifolded to tank: ____ Chamber: _ _____ ____ -

*Date of Certificate:*

July 16, 1997

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

## UNDERGROUND STORAGE TANK
## FACILITY REGISTRATION CERTIFICATE

Please display this certificate in a visible location at the registered facility.

*Facility:*

NICKERSONS EXXON
BELMONT AVENUE
BELFAST

*Facility Registration Number:* 2053

*Date of Registration:* July 07, 1986

---

*Operator:*

NICKERSON, HARLAND
BELMONT AVE
BOX 678
BELFAST
ME 04915

*Sensitive Area Status:*

None

*Owner:*

NICKERSON, HARLAND
BELMONT AVE
BOX 678
BELFAST
ME 04915

*Facility Use:*

Retail Oil Dist.

*Number of Active Tanks:* 3

---

**IF THE INFORMATION ON THIS FORM IS ACCURATE AND COMPLETE, PLEASE RETAIN FOR YOUR RECORDS.**

The Maine Department of Environmental Protection must be notified of any errors or changes in the information on this form. To accomplish this, please draw a line through the incorrect or outdated information, insert the correct information, and return this form to:

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL**
**STATE HOUSE STATION # 17**
**AUGUSTA, MAINE 04333**
**ATTN: Underground Tanks Program**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage Tanks program.

tk cert (3/95)

# INDIVIDUAL TANK DATA
# FOR
# SITE NUMBER:
# 2053

| Tank-Chamber Number | Tank Type | Piping Type | Tank Size | Additional Monitoring | Product Stored | Date Installed | Tank Status | Tank Status Date |
|---|---|---|---|---|---|---|---|---|
| 1-1 | Steel with cathodic protection. | F/glass - Petroleum only | 6000 | Sia Statistical Inventory Analysis | Unleaded Gasoline | 9/1/84 | Active | 09/01/84 |
| 2-1 | Steel with cathodic protection. | F/glass - Petroleum only | 4000 | Sia Statistical Inventory Analysis | Gasoline Unspecified | 9/1/84 | Active | 09/01/84 |
| 3-1 | Steel with cathodic protection. | F/glass - Petroleum only | 4000 | Sia Statistical Inventory Analysis | Premium Unleaded Gasoline | 9/1/84 | Active | 09/01/84 |

Department of Environmental Protection
Bureau of Hazardous Material & Solid Waste Control
17 State House Station
Augusta, Me. 04333-0017

Regis. # 2053

Please send #2053
information regarding
the Insurance Fund.

Nickerson's Exxon
698 Belmont Ave
Belfast, ME. 04915

rec'd 11/8/95

Mass mailing info. sent:

11/95 - 2 page fact sheet on Insurance Fund
3/96 - annual tank system inspection log

*Date of Certificate:*

October 08, 1996

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

## UNDERGROUND STORAGE TANK
## FACILITY REGISTRATION CERTIFICATE

Please display this certificate in a

*Facility:*

NICKERSONS EXXON
BELMONT AVENUE
BELFAST

*Facility Registration Number:* 2053

*Date of Registration:* July 07, 1986

---

*Operator:*

NICKERSON, HARLAND
BELMONT AVE
BOX 678
BELFAST
ME 04915

*Sensitive Area Status:*

None

*Owner:*

NICKERSON, HARLAND
BELMONT AVE
BOX 678
BELFAST
ME 04915

*Facility Use:*

Retail Oil Distribution

*Number of Active Tanks:* 3

---

**IF THE INFORMATION ON THIS FORM IS ACCURATE AND COMPLETE, PLEASE RETAIN FOR YOUR RECORDS.**

The Maine Department of Environmental Protection must be notified of any errors or changes in the information on this form. To accomplish this, please draw a line through the incorrect or outdated information, insert the correct information, and return this form to:

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL**
**STATE HOUSE STATION # 17**
**AUGUSTA, MAINE 04333**
**ATTN: Underground Tanks Program**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage Tanks program.

tk_cert (3/95)

# INDIVIDUAL TANK DATA
# FOR

## 2053

| Tank-Chamber Number | Tank Type | Piping Type | Tank Size | Additional Monitoring | Product Stored | Date Installed | Tank Status | Tank Status Date |
|---|---|---|---|---|---|---|---|---|
| 1-1 | Steel with cathodic protection. | F/glass - rein plastic - petroleum only | 6000 | Sia Statistical Inventory Analysis | Unleaded Gasoline | 9/1/84 | Active | 09/01/84 |
| 2-1 | Steel with cathodic protection. | F/glass - rein plastic - petroleum only | 4000 | Sia Statistical Inventory Analysis | #5 Fuel Oil | 9/1/84 | Active | 09/01/84 |
| 3-1 | Steel with cathodic protection. | F/glass - rein plastic - petroleum only | 4000 | Sia Statistical Inventory Analysis | Premium Unleaded Gasoline | 9/1/84 | Active | 09/01/84 |

INT 94-29

STATE OF MAINE

# DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN R. McKERNAN, JR.
GOVERNOR

DEAN C. MARRIOTT
COMMISSIONER

DEBRAH RICHARD
DEPUTY COMMISSIONER

## CERTIFICATION OF PROPER INSTALLATION

Date Completed: 4-20-94 Registration # 2053

Facility Name: NICKERSON EXXON

Facility Address: BELMONT AVE.
BELFAST, Maine 04915

Number of Tanks Installed and Size: _____

Type of Tanks Installed: _____ E

Type of Piping Installed: Fiberglass Pipe / Steel Flex protected by Total Containment boots

Type of Monitoring Installed: _____

Expiration Date of Warranty: _____

Certified Tank Installer Name: Arthur P Gooldrup Jr

Certified Tank Installer Number: 013

This is to certify that this facility was installed in accordance with Chapter 691 of the Department of Environmental Protection's Rules and in conformance with P.L. 1990, Chapter 865.

INSTALLER SIGNATURE: Arthur P Gooldrup Jr

Return To:

Maine Department of Environmental Protection
Bureau of Hazardous Materials & Solid Waste Control
State House Station 17
Augusta, Maine 04333-0017
(207) 287-2651
Attn: William V. Walentine

STATE OF MAINE

# DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN R. McKERNAN, JR.
GOVERNOR

DEAN C. MARRIOTT
COMMISSIONER

DEBRAH RICHARD
DEPUTY COMMISSIONER

March 15, 1994

HARLAND NICKERSON
NICKERSON EXXON
BELMONT AVE. BOX 678
BELFAST, MAINE 04915

Repiping only

Dear MR. NICKERSON:

This letter is to acknowledge that on 14 MARCH 1994 this Department received your completed registration materials for a new or replacement underground oil storage facility or ancillary equipment located at NICKERSON EXXON. Maine statute dictates that the installation may take place five (5) business days after notification (38 M.R.S.A., Section 563.1.A). This installation may begin on 21 MARCH 1994. I have assigned your registration the following interim number INT94-29. Have a copy of your registration and display this letter in a prominent place during construction.

NOTE: Check with your tank installer to ensure that your installation is in conformance with all Federal Regulations that are in effect as of December 22, 1988. For questions concerning the Federal Regulations, call the E.P.A. Hot Line at 1-800-424-9346.

Sincerely,

William V. Valentine

WILLIAM V. WALENTINE
Division of Oil & Hazardous Waste Facilities Regulation
Bureau of Hazardous Materials & Solid Waste Control

3-14-94

# DEPARTMENT OF ENVIRONMENTAL PROTECTION
# REGISTRATION FORM FOR UNDERGROUND OIL AND HAZARDOUS SUBSTANCES (CHEMICAL) STORAGE TANKS
## (Pursuant to 38 M.R.S.A. Section 563, 40 CFR Part 280)

**STATE USE ONLY**
DATE OF REGISTRATION: 1 1

1. REGISTRATION NUMBER: 2053
(Complete only if a registration number has been previously assigned.)

2. FACILITY INFORMATION

A. Name: Nickerson Exxon
B. Mail Address: Belmont Ave. Box 678
C. Street Address: Belmont Ave
D. Town/City: Belfast, Me
E. Zip Code: 04915 F. Telephone: (207) 338-4554
G. Directions to Site: R#3 Belfast Exxon on Left before underpass
H. Is at least one existing or planned tank (including piping and pumps) within 1000 ft. of a public water supply? ____Yes X No
I. Is at least one existing or planned tank (including piping and pumps) within 300 ft. of a private water supply? X Yes ____No
J. (Complete if the answer to (I) above is YES.) Is at least one water supply located within 300 feet of the tank(s) is owned by someone other than the facility owner or operator? ____Yes X No
K. Is the facility located on a significant sand and gravel aquifer or recharge area as mapped by the Maine Geological Survey? ____Yes X No

(If you wish assistance in answering item (K), please call the Department at (207) 289-2651. Sand and gravel aquifer maps can be reviewed at any of the Department's offices or requested from the Maine Geological Survey, State House Station 22, Augusta, Maine 04333, (207) 289-2801.

NOTE: If the answer to item (H), (J) or (K) above is yes, the facility is in a sensitive geologic area. A new or replacement tank used for the marketing and distribution of oil in such an area requires secondary containment or ground water monitoring pursuant to 38 M.R.S.A. Section 546(C).

**STATE USE ONLY**
Reviewer: Date: Map Number: Comment:

L. Facility Use (Check One):
____ Wholesale Oil Distribution
X Retail Oil Distribution
____ Oil Storage at Commercial Establishment
____ Oil Storage at Industrial Establishment
____ Oil Storage/Single Residence
____ Oil Storage/Multiple Residence
____ Oil Storage/Farm
____ Oil Storage/Public Facility (State or Local)
____ Oil Storage/Federal Facility
____ Chemical Storage

3. PERSON TO CONTACT FOR MORE INFORMATION

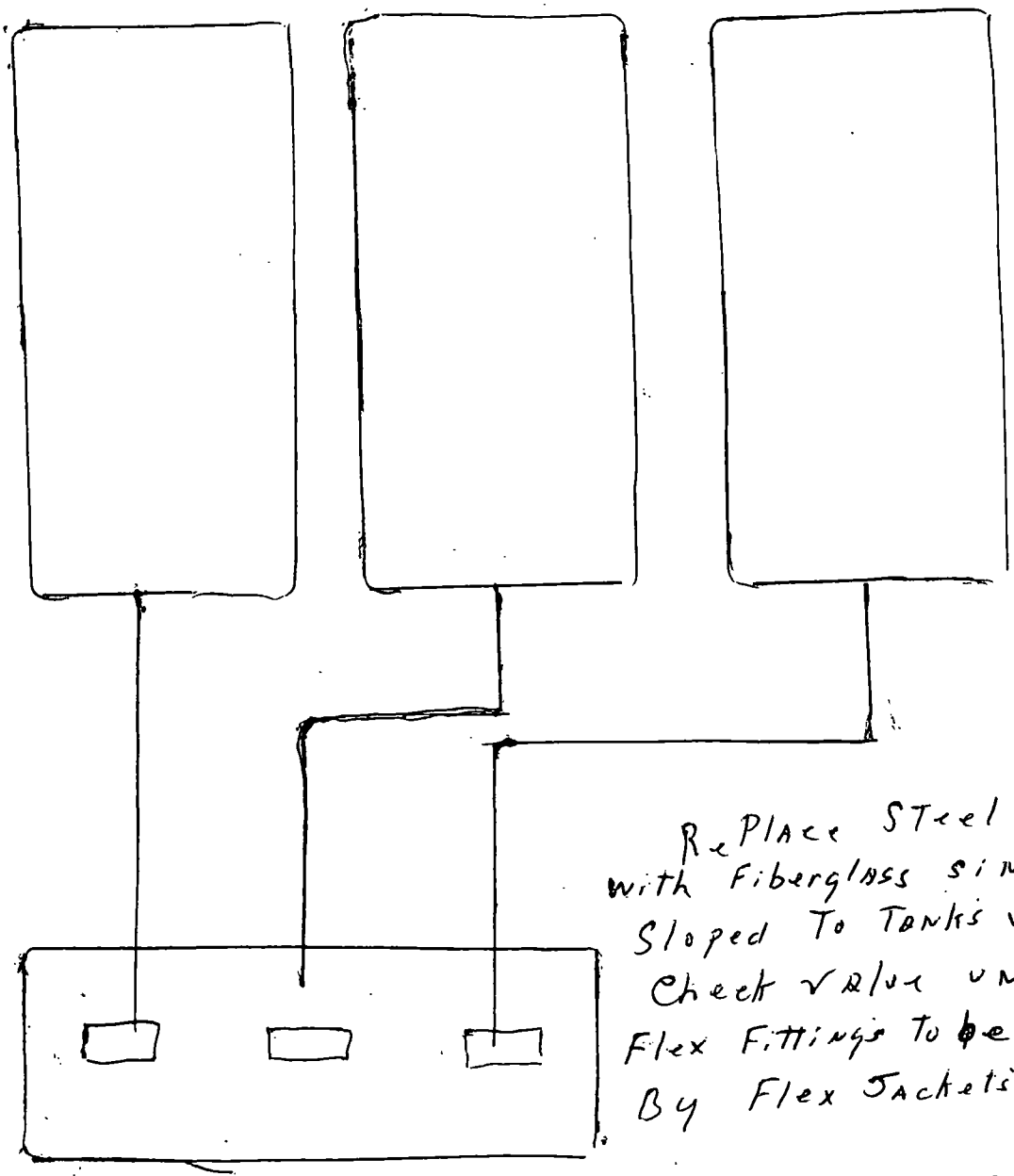
A. Name: Arthur Goodrup Jr
B. Mail Address: R#3 Box 6380
C. Town/City: Oakland D. State: Me
E. Zip Code: 04963 F. Telephone: (207) 465-3517 (Home)
(207) 873-5115 (Office)

# DEPARTMENT OF ENVIRONMENTAL PROTECTION
# REGISTRATION FORM FOR UNDERGROUND OIL AND HAZARDOUS SUBSTANCES (CHEMICAL) STORAGE TANKS
## (Pursuant to 38 M.R.S.A. Section 563, 40 CFR Part 280)

Facility Name: Nickerson Exxon
Location (Town/City): Belfast Me
Owner: Harland Nickerson

REGISTRATION NUMBER: 2053
(Complete ONLY if Registration Number has been previously assigned.)

12. If this registration involves replacing tanks or installing tanks, ATTACH a drawing of the facility showing the location of tanks (and piping) to be installed and any existing tanks. USE the space below for a sketch if no drawing already exists. THE FORM OF ADDITIONAL PROTECTION for tanks used for marketing and distribution of oil in sensitive areas should be detailed on the drawing. MONITORING WELL LOCATIONS should be provided for all tanks greater than 1,100 gallons that are used for on-site consumption of oil.



Replace Steel piping with Fiberglass single wall Sloped To Tanks with Check valve under pumps Flex Fittings To be protected By Flex Jackets

This is To change Bare Steel Suction piping To Fiber glass Pipe

# DEPARTMENT OF ENVIRONMENTAL PROTECTION
# REGISTRATION FORM FOR UNDERGROUND OIL AND HAZARDOUS SUBSTANCES (CHEMICAL) STORAGE TANKS
## (Pursuant to 38 M.R.S.A. Section 563, 40 CFR Part 280)

Facility Name: Nickerson Exxon
Location (Town/City): Belfast, Me
Owner: Harland Nickerson

REGISTRATION NUMBER
2053
(Complete ONLY if Registration Number has been previously assigned.)

4. TANK OWNER
   A. Name: Harland Nickerson
   B. Mail Address: Belmont Ave. Box 678
   C. Town/City: Belfast, Me. D. State: Me.
   E. Zip Code: 04915 F. Telephone: (207)

5. TANK OPERATOR
   A. Name: Harland Nickerson
   B. Mail Address: Belmont Ave Box 678
   C. Street Address: Belmont Ave.
   D. Town/City: Belfast, Me E. State: Me
   F. Zip Code: 04915 G. Telephone: (207)

6. COMPLETE the next two pages of this form and include each tank currently at the facility and each new or replacement tank planned for the facility.

7. ENCLOSE a check for the applicable registration fee with this submittal made payable to "Treasurer — State of Maine" and return to the Department of Environmental Protection. Registration fees are applicable ONLY to active, new, or replacement tanks used for the marketing and distribution of oil. Registration fees are due upon registration and annually thereafter, prior to the first day of January. Fees are as follows:

   _____ Tanks 6,000 gallons or under in size _____ $25 per tank
   _____ Tanks over 6,000 gallons in size _____ $50 per tank

8. MAKE TWO COPIES of this form. SUBMIT the original to the DEPARTMENT OF ENVIRONMENTAL PROTECTION (Bureau of Oil & Hazardous Materials Control, State House Station 17, Augusta, Maine 04333). SEND one copy to the LOCAL FIRE DEPARTMENT having jurisdiction. RETAIN the third copy for your records. For new and replacement tanks, registrations are due at least five (5) business days prior to installation. Registrations for existing tanks are due prior to February 1, 1986.

9. CERTIFY THIS FORM BY SIGNING. By signing this form, the tank registrant certifies that all information is accurate and complete, and that they will comply with all applicable federal, state and local laws and regulations concerning the underground storage of petroleum or other hazardous materials. The owner or operator is required by Maine statute to file an amendment to this registration with the Department of Environmental Protection immediately upon any change in the information on this form.

| Date | Harland Nickerson | Owner |
|---|---|---|
| | Owner or Authorized Employee (Please PRINT or TYPE) | Title (Please PRINT or TYPE) |

Harland E Nickerson
SIGNATURE

# DEPARTMENT OF ENVIRONMENTAL PROTECTION
# REGISTRATION FORM FOR UNDERGROUND OIL AND HAZARDOUS SUBSTANCES (CHEMICAL) STORAGE TANKS
## (Pursuant to 38 M.R.S.A. Section 563, 40 CFR Part 280)

RECEIVED
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION
MAR 14 10 42 AM '94

Facility Name: Nickerson Exxon

Location (Town/City): Belfast Owner: Harland Nickson

REGISTRATION NUMBER: 2053
(Complete ONLY if Registration Number was Assigned.)

10. IF NEW OR REPLACEMENT TANKS ARE INCLUDED WITH THIS REGISTRATION, PROVIDE:
   A. Name of Installer: Arthur P Gooldrup Jr.
   B. Installer ID Number: 013 C. Expected Date of Installation: _____

11. INDIVIDUAL TANK DATA (Complete one [L] line for each tank at the facility, including tanks planned for installation or replacement). This is To Replace Piping only (Suction)

| A. Tank Number | B. Tank Type | C. Piping Type | D. Tank Size | E. Form of Additional Protection for New and Replacement Wholesale or Retail Tanks in Sensitive Geologic Areas (Tanks and Piping) | F. Product Stored | G. Date Installed | H. Status | I. Date removed from active service (if applicable) | J. Amount of Product left in Inactive tank (if applicable) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ___Bare or Asphalt-coated Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ___Galvanized Steel<br>___Cathodically Protected Steel<br>X Fiberglass SW<br>___Other (Specify) | _____ Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>___Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>___Unleaded ___#4<br>___Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | ___/___ (Mo) (Yr) | ___Planned<br>___Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | ___/___ (Mo) (Yr) | _____ Gallons |
| 2 | ___Bare or Asphalt-coated Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ___Galvanized Steel<br>___Cathodically Protected Steel<br>X Fiberglass SW<br>___Other (Specify) | _____ Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>___Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>___Unleaded ___#4<br>___Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | ___/___ (Mo) (Yr) | ___Planned<br>___Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | ___/___ (Mo) (Yr) | _____ Gallons |
| 3 | ___Bare or Asphalt-coated Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ___Galvanized Steel<br>___Cathodically Protected Steel<br>X Fiberglass SW<br>___Other (Specify) | _____ Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>___Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>___Unleaded ___#4<br>___Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | ___/___ (Mo) (Yr) | ___Planned<br>___Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | ___/___ (Mo) (Yr) | _____ Gallons |
| | ___Bare or Asphalt-coated Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ___Galvanized Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | _____ Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>___Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>___Unleaded ___#4<br>___Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | ___/___ (Mo) (Yr) | ___Planned<br>___Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | ___/___ (Mo) (Yr) | _____ Gallons |
| | ___Bare or Asphalt-coated Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ___Galvanized Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | _____ Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>___Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>___Unleaded ___#4<br>___Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | ___/___ (Mo) (Yr) | ___Planned<br>___Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | ___/___ (Mo) (Yr) | _____ Gallons |

STATE OF MAINE

# Department of Environmental Protection

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

April 4, 1986

JOSEPH E. BRENNAN
GOVERNOR

HENRY E. WARREN
COMMISSIONER

Harland Nickerson
Nickerson Exxon
Belmont ave.
Belfast, Me.
04915

Dear Mr. Nickerson:

Thank you for submitting registration forms for existing underground storage tanks located at Nickerson Exxon Belfast. These materials were received on January 24, 1986.

At the present time, a heavy workload and shortage of staff make it impossible for the Department to review these materials in detail or to assign a registration number. We will be accomplishing these tasks within the next few months as our resources permit. Once the review is completed, we will notify you as to the registration number of your facility and may ask a few questions if we do not understand material on the form.

In the meantime, please retain this letter as evidence that you have submitted registration materials for your facility.

Sincerely,

James Hanson

Division of Remedial Planning & Technical Services
Bureau of Oil and Hazardous Materials Control

#993 1/27/86
$75.00 R

# DEPARTMENT OF ENVIRONMENTAL PROTECTION
# REGISTRATION FORM FOR UNDERGROUND OIL AND HAZARDOUS SUBSTANCES (CHEMICAL) STORAGE TANKS
## (Pursuant to 38 M.R.S.A. Section 563, 40 CFR Part 280)

3 7,8
002053

**STATE USE ONLY**
DATE OF REGISTRATION: 1/24/86

1. REGISTRATION NUMBER: _____
(Complete only if a registration number has been previously assigned.)

2. FACILITY INFORMATION

A. Name: Nickerson's Exxon
B. Mail Address: Box 628
C. Street Address: Belmont Ave.
D. Town/City: Belfast
E. Zip Code: 04915 F. Telephone: (207) 338-4554
G. Directions to Site: ¼ mi west from Jct. Rts. 1 + 3 in Belfast NORTH SIDE

H. Is at least one existing or planned tank (including piping and pumps) within 1000 ft. of a public water supply? ____Yes ✓No

I. Is at least one existing or planned tank (including piping and pumps) within 300 ft. of a private water supply? ____Yes ✓No

J. (Complete if the answer to (I) above is YES.) Is at least one water supply located within 300 feet of the tank(s) is owned by someone other than the facility owner or operator? ____Yes ____No

K. Is the facility located on a significant sand and gravel aquifer or recharge area as mapped by the Maine Geological Survey? ____Yes ✓No

(If you wish assistance in answering item (K), please call the Department at (207) 289-2651. Sand and gravel aquifer maps can be reviewed at any of the Department's offices or requested from the Maine Geological Survey, State House Station 22, Augusta, Maine 04333, (207) 289-2801.

NOTE: If the answer to item (H), (J) or (K) above is yes, the facility is in a sensitive geologic area. A new or replacement tank used for the marketing and distribution of oil in such an area requires secondary containment or ground water monitoring pursuant to 38 M.R.S.A. Section 546(C).

**STATE USE ONLY**
Reviewer: Date: Map Number: Comment:

L. Facility Use (Check One):
____ Wholesale Oil Distribution
✓ Retail Oil Distribution
____ Oil Storage at Commercial Establishment
____ Oil Storage at Industrial Establishment
____ Oil Storage/Single Residence
____ Oil Storage/Multiple Residence
____ Oil Storage/Farm
____ Oil Storage/Public Facility (State or Local)
____ Oil Storage/Federal Facility
____ Chemical Storage

3. PERSON TO CONTACT FOR MORE INFORMATION

A. Name: Harland Nickerson
B. Mail Address: Box 628
C. Town/City: Belfast D. State: Maine
E. Zip Code: 04915 F. Telephone: (207) 338-4554

# DEPARTMENT OF ENVIRONMENTAL PROTECTION
# REGISTRATION FORM FOR UNDERGROUND OIL AND HAZARDOUS SUBSTANCES (CHEMICAL) STORAGE TANKS
## (Pursuant to 38 M.R.S.A. Section 563, 40 CFR Part 280)

Facility Name: Nickerson's Exxon

Location (Town/City): Belfast

Owner: Harland E. Nickerson

| REGISTRATION NUMBER |
| --- |
| (Complete ONLY if Registration Number has been previously assigned.) |

12. If this registration involves replacing tanks or installing tanks, ATTACH a drawing of the facility showing the location of tanks (and piping) to be installed and any existing tanks. USE the space below for a sketch if no drawing already exists. THE FORM OF ADDITIONAL PROTECTION for tanks used for marketing and distribution of oil in sensitive areas should be detailed on the drawing. MONITORING WELL LOCATIONS should be provided for all tanks greater than 1,100 gallons that are used for on-site consumption of oil.

RECEIVED DEPARTMENT OF ENVIRONMENTAL PROTECTION
86 JAN 24 P12:36
DIV. ADMINISTRATIVE SERVICES

# DEPARTMENT OF ENVIRONMENTAL PROTECTION
# REGISTRATION FORM FOR UNDERGROUND OIL AND HAZARDOUS SUBSTANCES (CHEMICAL) STORAGE TANKS
## (Pursuant to 38 M.R.S.A. Section 563, 40 CFR Part 280)

Facility Name: Nickerson's Exxon
Location (Town/City): Belfast
Owner: Harland Nickerson

REGISTRATION NUMBER
_____
(Complete ONLY if Registration Number has been previously assigned.)

4. TANK OWNER
   A. Name: Harland Nickerson
   B. Mail Address: Box 628
   C. Town/City: Belfast, D. State: Maine
   E. Zip Code: 04915 F. Telephone: (207) 338-4554
5. TANK OPERATOR
   A. Name: Harland Nickerson
   B. Mail Address: Box 628
   C. Street Address: Belmont Ave.
   D. Town/City: Belfast, E. State: Maine
   F. Zip Code: 04915 G. Telephone: (207) 338-4554

6. COMPLETE the next two pages of this form and include each tank currently at the facility and each new or replacement tank planned for the facility.

7. ENCLOSE a check for the applicable registration fee with this submittal made payable to "Treasurer — State of Maine" and return to the Department of Environmental Protection. Registration fees are applicable ONLY to active, new, or replacement tanks used for the marketing and distribution of oil. Registration fees are due upon registration and annually thereafter, prior to the first day of January. Fees are as follows:

   3 Tanks 6,000 gallons or under in size _____ $25 per tank
   _____ Tanks over 6,000 gallons in size _____ $50 per tank

8. MAKE TWO COPIES of this form. SUBMIT the original to the DEPARTMENT OF ENVIRONMENTAL PROTECTION (Bureau of Oil & Hazardous Materials Control, State House Station 17, Augusta, Maine 04333). SEND one copy to the LOCAL FIRE DEPARTMENT having jurisdiction. RETAIN the third copy for your records. For new and replacement tanks, registrations are due at least five (5) business days prior to installation. Registrations for existing tanks are due prior to February 1, 1986.

9. CERTIFY THIS FORM BY SIGNING. By signing this form, the tank registrant certifies that all information is accurate and complete, and that they will comply with all applicable federal, state and local laws and regulations concerning the underground storage of petroleum or other hazardous materials. The owner or operator is required by Maine statute to file an amendment to this registration with the Department of Environmental Protection immediately upon any change in the information on this form.

| 1/21/86 | Harland E. Nickerson | Owner |
|---|---|---|
| Date | Owner or Authorized Employee (Please PRINT or TYPE) | Title (Please PRINT or TYPE) |

Harland E. Nickerson
SIGNATURE

# DEPARTMENT OF ENVIRONMENTAL PROTECTION
# REGISTRATION FORM FOR UNDERGROUND OIL AND HAZARDOUS SUBSTANCES (CHEMICAL) STORAGE TANKS
## (Pursuant to 38 M.R.S.A. Section 563, 40 CFR Part 280)

Facility Name: Nickerson's Exxon

Location (Town/City): Belfast Owner: Harland Nickerson

REGISTRATION NUMBER

(Complete ONLY if Registration Number was Assigned.)

10. IF NEW OR REPLACEMENT TANKS ARE INCLUDED WITH THIS REGISTRATION, PROVIDE:

A. Name of Installer: _____

B. Installer ID Number: _____ C. Expected Date of Installation: _____

11. INDIVIDUAL TANK DATA (Complete one [L] line for each tank at the facility, including tanks planned for installation or replacement).

G.W. w/ H.N. 7/24

| A. Tank Number | B. Tank Type | C. Piping Type | D. Tank Size | E. Form of Additional Protection for New and Replacement Wholesale or Retail Tanks in Sensitive Geologic Areas (Tanks and Piping) | F. Product Stored | G. Date Installed | H. Status | I. Date removed from active service (if applicable) | J. Amount of Product left in inactive tank (if applicable) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ___Bare or Asphalt-coated Steel<br>✓Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ✓Galvanized Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | 600 Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>___Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>✓Unleaded ___#4<br>___Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | 9 / 84<br>(Mo) (Yr) | ___Planned<br>✗Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | / (Mo) (Yr) | Gallons |
| 1 | ___Bare or Asphalt-coated Steel<br>✓Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ✓Galvanized Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | 4000 Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>✓Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>___Unleaded ___#4<br>___Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | 9 / 84<br>(Mo) (Yr) | ___Planned<br>✗Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | / (Mo) (Yr) | Gallons |
| 1 | ___Bare or Asphalt-coated Steel<br>✓Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ✓Galvanized Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | 4000 Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>___Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>___Unleaded ___#4<br>✓Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | 9 / 84<br>(Mo) (Yr) | ___Planned<br>✗Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | / (Mo) (Yr) | Gallons |
| | ___Bare or Asphalt-coated Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ___Galvanized Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | _____ Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>___Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>___Unleaded ___#4<br>___Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | / (Mo) (Yr) | ___Planned<br>___Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | / (Mo) (Yr) | Gallons |
| | ___Bare or Asphalt-coated Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | ___Galvanized Steel<br>___Cathodically Protected Steel<br>___Fiberglass<br>___Other (Specify) | _____ Gallons | ___Continuous Electronic Monitoring of Ground Water<br>___Continuous Electronic Monitoring of Vapors<br>___Secondary Containment<br>___Ground Water Sampling | GASOLINE FUEL OIL<br>___Regular ___#1 ___#5<br>___Premium ___#2 ___#6<br>___Unleaded ___#4<br>___Premium Unleaded<br>___Diesel<br>Chemical (Specify _____)<br>Other (Specify _____) | / (Mo) (Yr) | ___Planned<br>___Active<br>___Out-of-Service<br>___Abandoned in place (filled with inert material)<br>___Planned for removal | / (Mo) (Yr) | Gallons |

Date of Certificate:

DECEMBER 1, 1989

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

## UNDERGROUND STORAGE TANK FACILITY REGISTRATION FORM

Please display this certificate in a visible location at the registered facility.

*Facility:*

NICKERSON'S EXXON
BELMONT AVENUE
BELFAST
ME 04915

*Facility Registration Number:* 2053

*Date of Registration:* JULY 7, 1986

---

*Operator:*

NICKERSON, HARLAND
BOX 678
BELFAST
ME 04915

*Sensitive Area Status:*

NONE

DEC 12 8 59 AM '89

*Owner:*

NICKERSON, HARLAND
BOX 678
BELFAST
ME 04915

RECEIVED
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION

*Facility Use:*

RETAIL ~~OIL DISTRIBUTION~~ Gasoline Service Station

*Number of Tanks:* 3
(See accompanying list for detailed breakdown)

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IF THE INFORMATION ON THIS FORM IS ACCURATE AND COMPLETE, PLEASE RETAIN FOR YOUR RECORDS.

The Maine Department of Environmental Protection must be notified of any errors or changes in the information on this form. To accomplish this, please draw a line through the incorrect or outdated information, insert the correct information, and return this form to:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL
STATE HOUSE STATION #17
AUGUSTA, MAINE 04333
ATTN: Underground Tanks Program

If you have any questions concerning this process, please call (207)289-2651 and ask for the administrator of the Underground Storage Tanks program.

EIOURF (9/86)

INDIVIDUAL TANK DATA
FOR
SITE NUMBER:

2053

| TANK NUMBER | TANK TYPE | PIPING TYPE | TANK SIZE | ADDITIONAL MONITORING | PRODUCT STORED | DATE INSTALLED | TANK STATUS |
|---|---|---|---|---|---|---|---|
| 1 | STEEL/CATH PROTECTION | GALVANIZED STEEL | 6,000 | NONE | NO-LEAD | 9/84 | ACTIVE |
| 2 | STEEL/CATH PROTECTION | GALVANIZED STEEL | 4,000 | NONE | PREMIUM | 9/84 | ACTIVE |
| 3 | STEEL/CATH PROTECTION | GALVANIZED STEEL | 4,000 | NONE | PREMIUM UNLEADED | 9/84 | ACTIVE |

These 3 Tanks have been removed from the ground. app. 10/02. Please remove us from your records. Also Business has been sold

# State of Maine
# Department of Environmental
Underground Oil Storage Facility Annual Registration

**** Notice of Payment Due ****

*Facility:* NICKERSONS EXXON
25 BELMONT AVE
BELFAST

*Owner:* NICKERSON, HARLAND
ATTN:

25 BELMONT AVE
BELFAST ME 04915 -

*Total number of tanks:* 3 *Total fee due:* **$105**
*Fee due on:* January 1, 2003

Still Showing Planned for removal 2002

(Detach here and return top portion with payment)

For DEP use only

| | |
|---|---|
| Registration number | 2053 |
| Date | |
| Check number | |
| Check amount | |
| By | |

CATHERINE E. NICKERSON
HARLAND E. NICKERSON
25 BELMONT AVE. PH. 207-338-3264
BELFAST, ME 04915

52-7438/2112
2010006537

1145

DATE Dec. 18, 2001

PAY TO THE ORDER OF Ground Water Oil Clean Up Fund $ 105.00

One Hundred Five & no/100 DOLLARS

Bangor Savings Bank
BANGOR, MAINE 04401

MEMO 2053

Catherine E. Nickerson

Tanks

# State of Maine
# Department of Environmental Protection
Underground Oil Storage Facility Annual Registration

**** Notice of Payment Due ****

*Facility:* NICKERSONS EXXON
25 BELMONT AVE
BELFAST

*Owner:* NICKERSON, HARLAND
ATTN:

25 BELMONT AVE
BELFAST ME 04915

*Total number of tanks:* 3 *Total fee due:* **$105**
*Fee due on:* January 1, 2002

For DEP use only

| | |
|---|---|
| Registration number | 2053 |
| Date | 12-20-01 |
| Check number | 1145 |
| Check amount | 105.00 |
| By | |

MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017

Sold 1/2 yrs ago

#2053

☐ Insufficient Address
☐ Moved, Left No Address
☐ Unclaimed ☐ Refused
☒ Attempted - Not Known
☐ No Such Street ☒ Vacant
☐ No Such Number
☐ No Receptacle
☐ Not Deliverable
As Addressed
Unable To Forward

AUGUSTA ME APR 14'00 PB METER 7205021 =0.33= U.S. POSTAGE

Robert Spencer
Auburn, ME 782-5152
new owner
Tanks O.D. S

XIXIXIXIXIXI
XIXIXIXIXIXI
XIXIXIXIXIXI

# State of Maine
# Department of Environmental Protection

Underground Oil Storage Facility Annual Registration

**** Notice of Payment Due ****

*Facility:* NICKERSONS EXXON
BELMONT AVE
BELFAST

*Total number of tanks:* 3

*Total fee due:* **$105**

*Fee due on:* January 1, 2001

*Owner:* NICKERSON, HARLAND
ATTN:
BELMONT AVE
BOX 678
BELFAST ME 04915 -

(Detach here and return top portion with payment)

For DEP use only

| | |
|---|---|
| Registration number | 2053 |
| Date | 1-3-01 |
| Check number | 828 |
| Check amount | 105.00 |
| By | CP |

CATHERINE E. NICKERSON
HARLAND E. NICKERSON
678 BELMONT AVE. PH. 207-338-3264
BELFAST, ME 04915

52-7438/2112
2010006537

828

DATE Dec 26 2000

PAY TO THE ORDER OF Ground Water Oil Clean Up Fund $ 105 00

One Hundred & Five & 00/100 DOLLARS

BANGOR SAVINGS BANK
BANGOR, MAINE 04401

MEMO 2053

Catherine E. Nickerson

# State of Maine
# Department of Environmental Protection
## Underground Oil Storage Facility Annual Registration

**** Notice of Payment Due ****

*Facility:* NICKERSONS EXXON
BELMONT AVE
BELFAST

*Total number of tanks:* 3

*Total fee due:* **$105**

*Fee due on:* January 1, 2000

*Owner:* NICKERSON, HARLAND
ATTN:
BELMONT AVE
BOX 678
BELFAST ME 04915 -

(Detach here and return top portion with payment)

(Retain bottom portion for your records)

For DEP use only

| | |
|---|---|
| Registration number | 2053 |
| Date | 12/21/99 |
| Check number | 453 |
| Check amount | 105.00 |
| By | Q |

CATHERINE E. NICKERSON
HARLAND E. NICKERSON
678 BELMONT AVE. PH. 207-338-3264
BELFAST, ME 04915

52-7438/2112
2010006537

453

DATE Dec 12, 1999

PAY TO THE ORDER OF Ground Water Oil Clean Up Fund $ 105 00

One Hundred & Five & no/100 DOLLARS

BANGOR SAVINGS BANK
BANGOR, MAINE 04401

MEMO Reg # 2053

Catherine E. Nickerson

GW/TANKS

*Facility:* NICKERSONS EXXON *Location:* BELFAST

State law provides that the owner or operator of an underground oil storage facility shall pay an annual fee to this Department of $35 for each tank located at the facility, except that single family homeowners are not required to pay a fee for a tank at their personal residence (38 MRSA Section 563.4).

3 *tanks @ $35.00 =* $105.00

State law also provides that the owner or operator of an underground oil storage facility that stores motor fuel or is used in the marketing and distribution of petroleum shall pay an additonal fee of $130 per tank not constructed of fiberglass, cathodically protected steel or other non-corrosive material (38 MRSA Section 569-A.5.C). All tanks that are assessed this fee were required to be removed or properly abandoned prior to October 1, 1997. Schools and municipalities have until October 1, 1998 to remove certain tanks.

0 *tanks @ $130.00 =* $0.00

*Total due on January 1,1999 =* **$105.00**

**Registration fees apply to existing tanks, whether in service or not. Please review the information contained on this form and notify the Department, in writing, of any errors or changes.**

*Please make check payable to :* **Ground Water Oil Clean Up Fund**
*(note registration number on the check)*

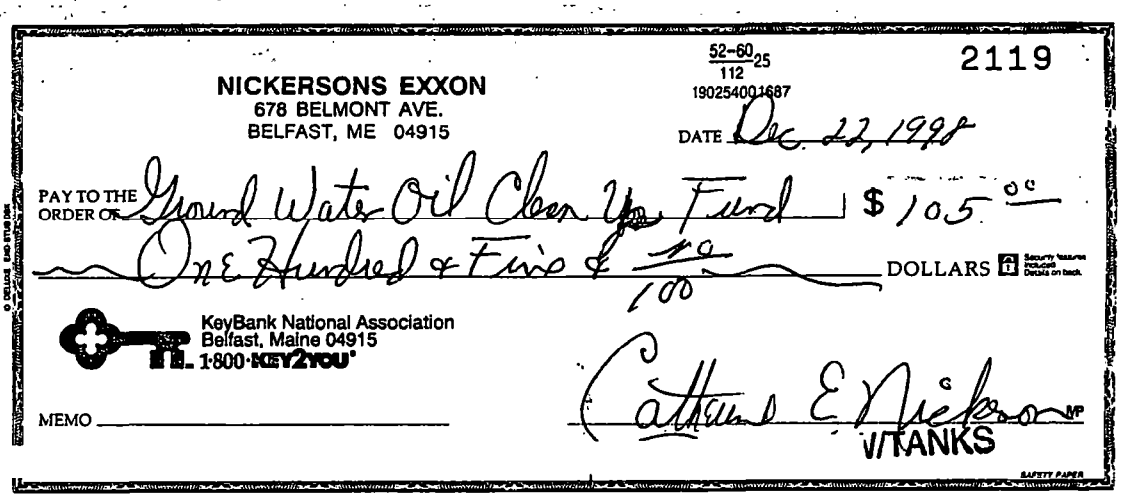
*Mail to:* Attn: Underground Tank Payment Clerk
Department of Environmental Protection
Bureau of Remediation and Waste Management
17 State House Station
Augusta, ME 04333-0017

If you have any questions concerning this billing, please call the Department at (207) 287-2651 and ask for Underground Tank Registration personnel.

For DEP use only

| | |
|---|---|
| Registration number | 2053 |
| Date | 12-28-98 |
| Check number | 2119 |
| Check amount | 105 00 |
| By | gp |

H:\COMMON\TANKS\BILL1.RPT



NICKERSONS EXXON
678 BELMONT AVE.
BELFAST, ME 04915

52-60/25
112
190254001687

2119

DATE Dec 22, 1998

PAY TO THE ORDER OF Ground Water Oil Clean Up Fund $ 105 00

One Hundred & Five & no/100 DOLLARS

KeyBank National Association
Belfast, Maine 04915
1-800-KEY2YOU

MEMO

Catherine E Nickerson VP

VTANKS

(Detach here and return bottom portion with payment)

*Facility:* NICKERSONS EXXON *Location:* BELFAST

State law provides that the owner or operator of an underground oil storage facility shall pay an annual fee to this Department of $35 for each tank located at the facility, except that single family homeowners are not required to pay a fee for a tank at their personal residence (38 MRSA Section 563.4).

3 *tanks @ $35.00 =* $105.00

State law also provides that the owner or operator of an underground oil storage facility that stores motor fuel or is used in the marketing and distribution of petroleum shall pay an additonal fee of $130 per tank not constructed of fiberglass, cathodically protected steel or other non-corrosive material (38 MRSA Section 569-A.5.C). All tanks that are assessed this fee were required to be removed or properly abandoned prior to October 1, 1997. Schools and municipalities have until October 1, 1998 to remove certain tanks.

0 *tanks @ $130.00 =* $0.00

*Total due on January 1,1998 =* **$105.00**

**Registration fees apply to existing tanks, whether in service or not. Please review the information contained on this form and notify the Department, in writing, of any errors or changes.**

*Please make check payable to :* **Ground Water Oil Clean Up Fund**
*(note registration number on the check)*

*Mail to:* Attn: Underground Tank Payment Clerk
Department of Environmental Protection
Bureau of Remediation and Waste Management
17 State House Station
Augusta, ME 04333-0017

If you have any questions concerning this billing, please call the Department at (207) 287-2651 and ask for Underground Tank Registration personnel.

For DEP use only

| | |
|---|---|
| Registration number | 2053 |
| Date | 12 29 97 |
| Check number | 1656 |
| Check amount | 105.00 |
| By | CP |

EIQUBL (7/87)
(Rev 8 - 10/96)

NICKERSONS EXXON
678 BELMONT AVE.
BELFAST, ME 04915

52-60/112 1656
19025400 1687

DATE Dec. 22. 1997

PAY TO THE ORDER OF Ground Water Oil Clean Up Fund $ 105 00

(One Hundred & Five & 00/100) DOLLARS

KeyBank National Association
Belfast, Maine 04915
1-800-KEY2YOU

MEMO # 2053

Catherine E. Nickerson

(Detach here and return bottom portion with payment)

*Facility:* NICKERSONS EXXON *Location:* BELFAST

State law provides that the owner or operator of an underground oil storage facility shall pay an annual fee to this Department of $35 for each tank located at the facility, except that single family homeowners are not required to pay a fee for a tank at their personal residence (38 MRSA Section 563.4).

3 *tanks @ $35.00 =* $105.00

State law also provides that the owner or operator of an underground oil storage facility that stores motor fuel or is used in the marketing and distribution of petroleum shall pay an additonal fee of $130 per tank not constructed of fiberglass, cathodically protected steel or other non-corrosive material (38 MRSA Section 569-A.5.C).

0 *tanks @ $130.00 =* $0.00

*Total due on January 1,1997 =* **$105.00**

**Registration fees apply to existing tanks, whether in service or not. Please review the information contained on this form and notify the Department, in writing, of any errors or changes.**

*Please make check payable to :* **Ground Water Oil Clean Up Fund**
*(note registration number on the check)*

*Mail to:* Attn: Underground Tank Payment Clerk
Department of Environmental Protection
Bureau of Remediation and Waste Management
17 State House Station
Augusta, ME 04333-0017

If you have any questions concerning this billing, please call the Department at (207) 287-2651 and ask for Underground Tank Registration personnel.

| For DEP use only | |
|---|---|
| Registration number | 2053 |
| Date | 12-31-96 |
| Check number | 1187 |
| Check amount | 105.00 |
| By | WW |

EIQUBL (7/87)
(Rev 8 - 10/96)

NICKERSONS EXXON
678 BELMONT AVE.
BELFAST, ME 04915

52-60/112 25
190254001687

1187

DATE Dec. 19, 1996

PAY TO THE ORDER OF Ground Water Oil Clean Up Fund $ 105 00

One Hundred & Five & 00/100 DOLLARS

KEY BANK Key Bank of Maine
Belfast, Maine 04915 25

MEMO #2053

Catherine E. Nickerson

GW/TANK

# State of Maine
# Department of Environmental Protection

Underground Oil Storage Facility Annual Registration

**** Notice of Payment Due ****

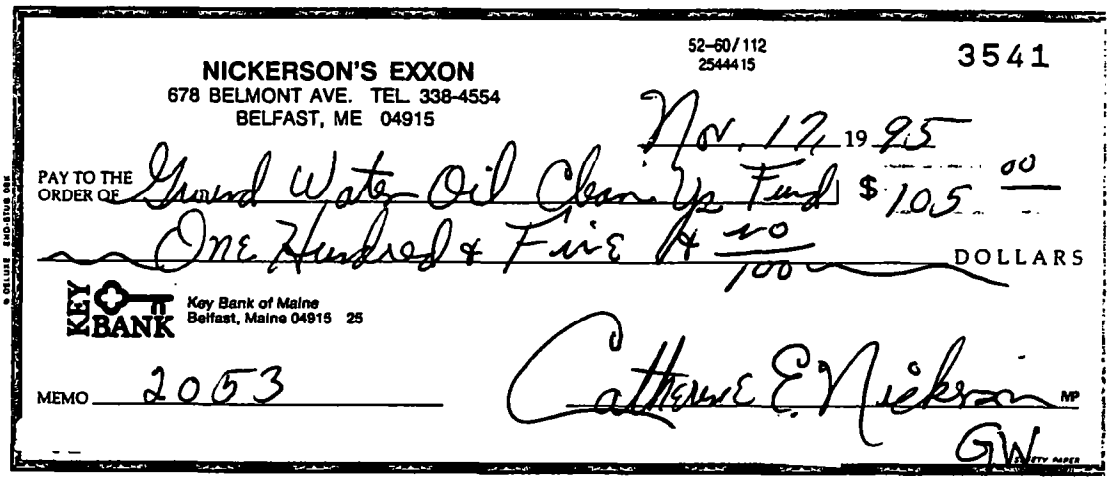
*Facility:* NICKERSON'S EXXON
BELMONT AVENUE
BELFAST

*Owner:* NICKERSON, HARLAND
BELMONT AVE
BOX 678
BELFAST ME 04915

*Registration number:* 2053
*Total number of tanks:* 3
*Total fee due:* $105.00
*Fee due on:* January 1,1996

11/21/95
3541
105.-
Cly

(Retain top portion for your records)



(Detach here and return bottom portion with payment)

*Facility:* NICKERSON'S EXXON *Location:* BELFAST

STATE LAW PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY SHALL PAY AN ANNUAL FEE TO THIS DEPARTMENT OF $35 FOR EACH TANK LOCATED AT THE FACILITY, EXCEPT THAT SINGLE FAMILY HOMEOWNERS ARE NOT REQUIRED TO PAY A FEE FOR A TANK AT THEIR PERSONAL RESIDENCE (38 MRSA Section 563.4.).

3 *tanks @ $ 35.00 =* $ 105.00

STATE LAW ALSO PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY THAT STORES MOTOR FUEL OR IS USED IN THE MARKETING AND DISTRIBUTION OF OIL SHALL PAY AN ANNUAL FEE OF $130 PER TANK NOT CONSTRUCTED OF FIBERGLASS, CATHODICALLY PROTECTED STEEL OR OTHER NON-CORROSIVE MATERIAL (38 MRSA Section 569-A.5.C.).

0 *tanks @ $ 130.00 =* $ .00

*Total due on January 1,* 1995 $ 105.00

Note: Registration Fees apply to existing tanks, whether in service or not.
Any changes to your registration must be sent to the Department in writing.

Please make check payable to: GROUND WATER FUND
(note facility registration number on the check)

Mail to: DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL
STATE HOUSE STATION #17
AUGUSTA, MAINE 04333
ATTN: Underground Tank Payment Clerk

FOR DEP USE ONLY

REGIS # 2053
DATE 12/19/94
CHECK # 3054
CHECK AMOUNT 105.00
BY BB

If you have any questions concerning this billing, please call the Division of Oil & Hazardous Waste Facilities Regulation at (207)287-2651 and ask for Underground Tank Registration personnel.

EIOUSL (7/87)
(Rev 6 - 9/94)

52-60/112 3054

NICKERSON'S EXXON
678 BELMONT AVE. TEL 338-4554
BELFAST, ME 04915

Dec 15 1994

PAY TO THE ORDER OF Ground Water Fund $ 105.00

One Hundred & Five & 00/100 DOLLARS

KEY BANK Key Bank of Maine
Belfast, Maine 04915 25

MEMO

Catherine E Nickerson MP
GW

(Detach here and return bottom portion with payment)

*Facility:* NICKERSON'S EXXON *Location:* BELFAST

STATE LAW PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY SHALL PAY AN ANNUAL FEE TO THIS DEPARTMENT OF $35 FOR EACH TANK LOCATED AT THE FACILITY, EXCEPT THAT SINGLE FAMILY HOMEOWNERS ARE NOT REQUIRED TO PAY A FEE FOR A TANK AT THEIR PERSONAL RESIDENCE.

3 *tanks @ $ 35.00 = $* 105.00

STATE LAW ALSO PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY THAT STORES MOTOR FUEL OR IS USED IN THE MARKETING AND DISTRIBUTION OF OIL SHALL PAY AN ANNUAL FEE OF $130 PER TANK NOT CONSTRUCTED OF FIBERGLASS, CATHODICALLY PROTECTED STEEL OR OTHER NON-CORROSIVE MATERIAL.

0 *tanks @ $ 130.00 = $* .00

*Total due on January 1,* 1994 *$* 105.00

Please make check payable to: GROUND WATER FUND
(note facility registration number on the check)

and mail to:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL
STATE HOUSE STATION #17
AUGUSTA, MAINE 04333
ATTN: Underground Tank Payment Clerk

FOR DEP USE ONLY

| | |
|---|---|
| REGIS # | 2053 |
| DATE | 12/21/93 |
| CHECK # | 2567 |
| CHECK AMOUNT | 105- |
| BY | CF |

If you have any questions concerning this billing, please call the Division of Licensing & Enforcement at (207)289-2651 and ask for Underground Tank Registration personnel.

EIOUSBL 07/87
(Rev 5 - 9/93)

52-60/112 2567

NICKERSON'S EXXON
678 BELMONT AVE. TEL. 338-4554
BELFAST, ME 04915

Dec 17, 1993

PAY TO THE ORDER OF Ground Water Fund $ 105 00

One Hundred & Five & no/100 DOLLARS

KEY BANK Key Bank of Maine Belfast, Maine 04915 25

MEMO 2053

Catherine E. Nickerson MP

(Detach here and return bottom portion with payment)

*Facility:* NICKERSON'S EXXON *Location:* BELFAST

STATE LAW PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY SHALL PAY AN ANNUAL FEE TO THIS DEPARTMENT OF $35 FOR EACH TANK LOCATED AT THE FACILITY, EXCEPT THAT SINGLE FAMILY HOMEOWNERS ARE NOT REQUIRED TO PAY A FEE FOR A TANK AT THEIR PERSONAL RESIDENCE.

3 *tanks @ $ 35.00 =* $ 105.00

STATE LAW ALSO PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY THAT STORES MOTOR FUEL OR IS USED IN THE MARKETING AND DISTRIBUTION OF OIL SHALL PAY AN ANNUAL FEE OF $130 PER TANK NOT CONSTRUCTED OF FIBERGLASS, CATHODICALLY PROTECTED STEEL OR OTHER NON-CORROSIVE MATERIAL.

0 *tanks @ $ 130.00 =* $ .00

*Total due on January 1,* 1993 $ 105.00

Please make check payable to: RISK POOL ACCOUNT
(note facility registration number on the check)

and mail to:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL
STATE HOUSE STATION #17
AUGUSTA, MAINE 04333
ATTN: Underground Tank Payment Clerk

Nickerson, Harland

If you have any questions concerning this billing, please call the Division of Licensing & Enforcement at (207)289-2651 and ask for Underground Tank Registration personnel.

FOR DEP USE ONLY

| | |
|---|---|
| REGIS # | 2053 |
| DATE | 12/2/92 |
| CHECK # | 2115 |
| CHECK AMOUNT | 105- |
| BY | CP |

EIOUBL (7/87)
(Rev 4 - 9/91)

2115

NICKERSON'S EXXON
678 BELMONT AVE. TEL. 338-4554
BELFAST, ME 04915

52-60/112

Dec 18, 1992

PAY TO THE ORDER OF Risk Pool Account $ 105.00

One Hundred + Five + 00/100 DOLLARS

KEY BANK Key Bank of Maine
Belfast, Maine 04915 25

MEMO Belfast - "2053"

Catherine E. Nickerson

(Detach here and return bottom portion with payment)

*Facility:* NICKERSON'S EXXON *Location:* BELFAST

STATE LAW PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY SHALL PAY AN ANNUAL FEE TO THIS DEPARTMENT OF $35 FOR EACH TANK LOCATED AT THE FACILITY, EXCEPT THAT SINGLE FAMILY HOMEOWNERS ARE NOT REQUIRED TO PAY A FEE FOR A TANK AT THEIR PERSONAL RESIDENCE.

3 *tanks @ $ 35.00 = $* 105.00

STATE LAW ALSO PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY THAT STORES MOTOR FUEL OR IS USED IN THE MARKETING AND DISTRIBUTION OF OIL SHALL PAY AN ANNUAL FEE OF $130 PER TANK NOT CONSTRUCTED OF FIBERGLASS, CATHODICALLY PROTECTED STEEL OR OTHER NON-CORROSIVE MATERIAL.

0 *tanks @ $ 130.00 = $* .00

*Total due on January 1,* 1992 $ 105.00

Please make check payable to: RISK POOL ACCOUNT
(note facility registration number on the check)

and mail to:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL
STATE HOUSE STATION #17
AUGUSTA, MAINE 04333
ATTN: Underground Tank Payment Clerk

If you have any questions concerning this billing, please call the Division of Licensing & Enforcement at (207)289-2651 and ask for Underground Tank Registration personnel.

FOR DEP USE ONLY

| | |
|---|---|
| REGIS # | 2053 |
| DATE | 12-19-91 |
| CHECK # | 1692 |
| CHECK AMOUNT | 105.- |
| BY | |

EIOUSEL (7/87)
(Rev 4 - 9/91)

1692

NICKERSON'S EXXON
678 BELMONT AVE. TEL. 338-4554
BELFAST, ME 04915

Dec 17 1991 52-60/112

PAY TO THE ORDER OF Risk Pool Account $ 105.00

One Hundred & Five & no/100 DOLLARS

KEY BANK Key Bank of Maine Belfast, Maine 04915 25

MEMO

Catherine E. Nickerson

⑈ DELUXE END-STUB DSK

SAFETY PAPER

(Detach here and return bottom portion with payment)

STATE LAW PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY SHALL PAY AN ANNUAL FEE TO THIS DEPARTMENT OF $35 FOR EACH TANK LOCATED AT THE FACILITY, EXCEPT THAT SINGLE FAMILY HOMEOWNERS ARE NOT REQUIRED TO PAY A FEE FOR A TANK AT THEIR PERSONAL RESIDENCE.

STATE LAW ALSO PROVIDES THAT THE OWNER OR OPERATOR OF AN UNDERGROUND OIL STORAGE FACILITY THAT STORES MOTOR FUEL OR IS USED IN THE MARKETING AND DISTRIBUTION OF OIL SHALL PAY AN ANNUAL FEE OF $130 PER TANK NOT CONSTRUCTED OF FIBERGLASS, CATHODICALLY PROTECTED STEEL OR OTHER NON-CORROSIVE MATERIAL.

Listed below are the number of tanks that qualify for payment under each of these regulations for the noted facility:

| | | | |
|---|---|---|---|
| 3 | *tanks @ $ 35.00 =* | $ | 105.00 |
| 0 | *tanks @ $ 130.00 =* | $ | .00 |
| *Total due on January 1,* 1991 | | $ | 105.00 |

Please make check payable to: RISK POOL ACCOUNT
(note facility registration number on the check)

and mail to:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL
STATE HOUSE STATION #17
AUGUSTA, MAINE 04333
ATTN: Underground Tank Payment Clerk

If you have any questions concerning this billing, please call the Division of Licensing & Enforcement at (207)289-2651 and ask for Underground Tank Registration personnel.

FOR DEP USE ONLY

| | |
|---|---|
| REGIS # | 2053 |
| DATE | 11/14/90 |
| CHECK # | 1195 |
| CHECK AMOUNT | 105- |
| BY | CF |

EIOUSBL (7/87)
Rev 3 - 9/90

(Detach here and return bottom portion with payment)

STATE LAW PROVIDES THAT, FOR UNDERGROUND OIL STORAGE TANKS USED IN THE MARKETING AND DISTRIBUTION OF OIL, AN ANNUAL FEE OF $25.00 FOR EACH TANK 6000 GALLONS AND UNDER AND A FEE OF $50.00 FOR EACH TANK OVER 6000 GALLONS MUST BE PAID.

FOR THE ABOVE NOTED FACILITY, OUR RECORDS INDICATE THAT A TOTAL OF 3 TANKS QUALIFY UNDER THIS LAW FOR A TOTAL FEE DUE OF $75.00 PAYABLE ON JANUARY 1, 1990.

*Facility:*

NICKERSON'S EXXON
BELMONT AVENUE
BELFAST
ME 04915

*Registration Number:* 2053

Please make check payable to: GROUND WATER FUND
(note facility registration number on the check)

and mail to:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL
STATE HOUSE STATION #17
AUGUSTA, MAINE 04333
ATTN: Underground Tank Payment Clerk

If you have any questions concerning this billing, please call the Division of Licensing & Enforcement at (207)289-2651 and ask for Underground Tank Registration personnel.

FOR DEP USE ONLY

| | |
|---|---|
| REGIS # | 2053 |
| DATE | 12/26/89 |
| CHECK # | 756 |
| CHECK AMOUNT | 75.00 |
| BY | JD |

EIOUBL (7/87)
Rev 2 - 9/88

STATE LAW PROVIDES THAT, FOR UNDERGROUND OIL STORAGE TANKS USED IN THE MARKETING AND DISTRIBUTION OF OIL, AN ANNUAL FEE OF $25.00 FOR EACH TANK 6000 GALLONS AND UNDER AND A FEE OF $50.00 FOR EACH TANK OVER 6000 GALLONS MUST BE PAID.

FOR THE ABOVE NOTED FACILITY, OUR RECORDS INDICATE THAT A TOTAL OF 3 TANKS QUALIFY UNDER THIS LAW FOR A TOTAL FEE DUE OF $75.00 PAYABLE ON JANUARY 1, 1989.

*Facility:*

NICKERSON'S EXXON
BELMONT AVENUE
BELFAST
ME 04915

*Registration Number:* 2053

Please make check payable to: GROUND WATER FUND
(note facility registration number on the check)

and mail to:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL
STATE HOUSE STATION #17
AUGUSTA, MAINE 04333
ATTN: Underground Tank Payment Clerk

If you have any questions concerning this billing, please call the Division of Licensing & Enforcement at (207)289-2651 and ask for Underground Tank Registration personnel.

FOR DEP USE ONLY

REGIS # 2053
DATE 12/29/88
CHECK # 201
CHECK AMOUNT 75.00
BY JP

EIOUBL (7/87)
(Rev 2 - 9/88)

(Detach here and return this portion with payment)

STATE LAW PROVIDES THAT, FOR UNDERGROUND OIL STORAGE TANKS USED IN THE MARKETING AND DISTRIBUTION OF OIL, AN ANNUAL FEE OF $25.00 FOR EACH TANK 6000 GALLONS AND UNDER AND A FEE OF $50.00 FOR EACH TANK OVER 6000 GALLONS MUST BE PAID.

RECEIVED DEPARTMENT OF ENVIRONMENTAL PROTECTION
1987 DEC 18 A 8:03
ADMINISTRATIVE SERVICES

FOR THE ABOVE NOTED FACILITY, OUR RECORDS INDICATE THAT A TOTAL OF 3 TANKS QUALIFY UNDER THIS LAW FOR A TOTAL FEE DUE OF $75.00 PAYABLE ON JANUARY 1, 1988.

*Owner:*

HARLAND NICKERSON
BOX 678
BELFAST
ME 04915

DEC 18 1987

*Registration Number:* 2053

Nickerson Estate
Belfast

Please return this portion of the form with your payment to:

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF OIL AND HAZARDOUS MATERIALS CONTROL
STATE HOUSE STATION #17
AUGUSTA, MAINE 04333
ATTN: Underground Tank Payment Clerk

Please make check payable to: GROUND WATER FUND
(note facility registration number on the check)

| FOR DEP USE ONLY | |
|---|---|
| DATE | 12/18/87 |
| CHECK # | 1808 |
| CHECK AMOUNT | 75.00 |
| BY | JP |

If you have any questions concerning this billing, please call the Division of Licensing & Enforcement at (207)289-2651 and ask for Underground Tank Registration personnel.

EIOUSL 07/87

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

ANGUS S. KING, JR.
GOVERNOR

MARTHA KIRKPATRICK
COMMISSIONER

July 7, 2001

Harland Nickerson
25 Belmont Ave
Belfast, ME 04915

RE: Underground Oil Storage Facility Registration #2053

Dear Mr. Nickerson:

The Department has received cathodic protection test results for your underground oil storage tanks located at the Nickersons Exxon in Belfast (Registration #2053). The readings taken April 18, 2001, were as follows: -0.731 volts for the unleaded plus tank, -0.851 for the super unleaded tank, and –0.732 volts for the regular unleaded tank. A reading of -0.85 volts or greater (-0.85, -0.86, -0.87, etc.) must be achieved in order for your system to be considered properly protected from corrosion.

If you have not already done so, you must reschedule another cathodic protection test. If you fail a second test, you must repair or properly abandon the failing tanks. You must complete repairs within 12 months or remove the failing tank from service until repaired or abandoned (removed). The enclosed flowchart outlines the Department's policy on testing, repairing, and abandoning galvanic CP systems (Impressed Current CP facilities should contact DEP about tests and repairs).

When you have your cathodic protection system tested, you should schedule the test to avoid frozen or extremely dry soil conditions. Structure to soil potential that is measured under these conditions may be inaccurate due to increased resistance of the soil electrolyte. Please schedule a retest of your cathodic protection system, and mail the results to me. If you have any questions, feel free to call me at 287-7831 or write to me at the Augusta address below.

Sincerely,

Butch Bowie

Butch Bowie
Division of Oil and Hazardous Waste Facilities Regulation,
Bureau of Remediation and Waste Management

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 764-1507

web site: www.state.me.us/dep

printed on recycled paper

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
Bureau of Remediation & Waste Management
17 State House Station
Augusta, Maine 04333-0017

# ANNUAL CATHODIC PROTECTION LOGSHEET

**FACILITY NAME:** Nickerson Elec **REGISTRATION NUMBER** 2053

**LOCATION:** Belmont Ave Belfast

Entered 6/27/01 BB

| TANK SIZE | PRODUCT STORED | * TANK READING | PASS/ FAIL? | PRODUCT PIPE READING | PASS/ FAIL? | VENT PIPE READING | PASS/ FAIL? |
|---|---|---|---|---|---|---|---|
| 6000 | R+L | -.732 | Fail | N/A | - | -.566 | Fail |
| 4000 | S+L | -.851 | Pass | N/A | - | -.541 | Fail |
| 4000 | P+L | -.731 *-.730 | Fail | N/A | - | -.720 | Fail |
| | G.E. Adams Sr Inc 942-9523 | | | | | | |

| TESTER'S NAME (PRINT) | TESTER'S SIGNATURE | DATE | INSTALLER # |
|---|---|---|---|
| Don Bibber | Don Bibber | 4/18/01 | 240 |

***REMINDERS*** * Readings on Bottom of Tanks.

1. TO FIND SOMEONE TO TEST YOUR CATHODIC PROTECTION SYSTEM CHECK WITH:
   - •THE INSTALLER WHO PUT THE TANK(S) AND PIPING IN,
   - •YOUR OIL/MOTOR FUEL SUPPLIER,
   - •THE PHONE BOOK YELLOW PAGES UNDER **TANKS**; OR,
   - •CALL THE DEPARTMENT AT 207-287-2651 FOR A FREE LIST OF CERTIFIED TANK INSTALLERS.
2. ALWAYS SCHEDULE THE TESTING DURING THE RAINY SEASONS WHEN THE SOIL IS **NOT** FROZEN.
3. YOUR TEST RESULTS SHOULD BE AT LEAST -0.85 VOLTS,(i.e. -0.86, -0.89, ETC.). IF THE TEST WAS DONE IN DRY SOIL CONDITIONS AND FAILED, SCHEDULE ANOTHER TEST DURING THE NEXT RAINY SEASON.
4. PLEASE SEND A COPY OF THE LOGSHEET TO THE DEPARTMENT AT THE ADDRESS LISTED ABOVE.
5. THE DEPARTMENT REQUESTS THAT YOU NOTIFY US BEFORE HAVING YOUR CATHODIC PROTECTION SYSTEM REPAIRED OR REPLACED. ALL REPAIR WORK ON GALVANIC CATHODICALLY PROTECTED UNDERGROUND TANKS AND PIPING MUST BE DONE BY A MAINE LICENSED UNDERGROUND TANK INSTALLER. WORK ON IMPRESSED CURRENT SYSTEMS MUST BE SUPERVISED BY A CORROSION EXPERT CERTIFIED BY THE DEPARTMENT.
6. STATE REGULATIONS ALSO REQUIRE THAT A CATHODIC PROTECTION SYSTEM THAT HAS BEEN REPAIRED BE CHECKED 6-12 WEEKS AFTER THE REPAIR TO ENSURE THAT IT IS WORKING CORRECTLY.
   [Chapter 691.5(D)(17)].

QUESTIONS?? CALL US AT: **(207) 287-2651** THE TANKS UNIT

# TROUBLE SHOOTING CHECKLIST FOR GALVANIC CATHODICALLY PROTECTED UST FACILITIES

| YES | NO | |
|---|---|---|
| ☐ | ☑ | Are the soil conditions dry or frozen? |
| ☐ | ☐ | Have the dielectric nylon reducing bushings been replaced with metal bushings? |
| ☐ | ☐ | Are the piping flanges missing the nylon isolators? |
| ☐ | ☐ | Is the piping/submersible pump isolated from the tank and/or dispenser? |
| ☐ | ☐ | Did you get a bad reading off copper leadwires due to aged, corroded or brittle wire? |
| ☑ | ☐ | Have you taken readings directly from the tank using a length of copper wire attached to the end of a dipstick? |
| ☐ | ☐ | Is the interstitial space monitor isolated from the tank? Check with a continuity meter. |
| ☐ | ☐ | Is the tank/piping electrically isolated from other equipment in the area? Check dispensers, plumbing, welders, electrical wiring, etc. with a continuity meter. |
| ☐ | ☐ | Are there any buried electrical conduit lines in the area around the tanks or piping? |
| ☐ | ☐ | Are any water pipes near or under the tanks or piping? |
| ☐ | ☐ | For heating oil tanks, has the copper piping been installed so that it has curled up against the tank wall and is not isolated from the tank? (Check with a continuity meter). |
| ☐ | ☐ | Is the soil the reference copper sulfate cell is placed in contaminated with petroleum? |
| ☐ | ☑ | Are the connections between the reference cell or leadwires and voltmeter broken or loose? |

**NICKERSON, HARLAND** **2073384554**
**BOX 678**
**BELFAST** **ME 04915**

*Reg#* **2053** NICKERSONS EXXON BELFAST WALDO

| *Tank #* | *Size* | *Product* | *Date installed* | *Materal* | *Tank leak detection* | *Status* | *Status Date* |
|---|---|---|---|---|---|---|---|
| 2 | 4000 Gallons | Gasoline Unspecifi | 09/01/1984 | Steel with cathodic protection. | SIA Statistical Inventory Analysis | Out Of Service | 12/01/1999 04/20/1994 |

23

Ted Schuft 1/10/2001

OP 1/11/01

Facility out of service since Dec 1999.
Prior CP results were in 1998 at that time
they passed.

Maine Department of Environmental Protection
Bureau of Remediation and Waste Management
17 State House Station, Augusta, Maine 04333-0017

# ANNUAL TANK SYSTEM INSPECTION

Facility: Nickerson's Elbow Owner: Harland Nickerson Date: 4/18/01

Location: Belmont Ave Belfast Phone # _____ Inspector: #240

Reg. #: 2053 Operator: CLOSED Signature: Don Bibber
G.R. Adams Jr. Inc. 942-9523

| A. TANKS | Tank#1 | Tank#2 | Tank#3 | Tank#4 | Tank#5 | Notes |
|---|---|---|---|---|---|---|
| Tank Type | CP | CP | CP | | | DW/ SW? CP, FRP, Jacketed? |
| Tank size | 6,000 | 4,000 | 4,000 | | | |
| Fuel Type | Rnl | Snl | Pnl | | | |
| Leak detection type | SIA | SIA | SIA | | | SIA,E mon., MW, ATG? |
| *Interstitial probe test | N/A | N/A | N/A | | | Pass or Fail? |

| B. PIPING | Tank#1 | Tank#2 | Tank#3 | Tank#4 | Tank#5 | Notes |
|---|---|---|---|---|---|---|
| Piping type | DW/Flex | DW/Flex | DW/Flex | | | DW/SW? steel, FRP,copper, flex? |
| Pump Type | S | S | S | | | Press.? Suction? Suction/return? |
| If suction, Ck. Vlv? (Y/N) | Y | Y | Y | | | Single Ck vlv under pump? |
| If press. Lk Detectors? (Y/N) | N/A | N/A | N/A | | | |
| *In-line leak detector test | N/A | N/A | N/A | | | Pass or Fail? |
| *Piping sump probe test | N/A | N/A | N/A | | | Pass or Fail? |
| Drop tube? (Y/N) | Y | Y | Y | | | |
| Spill Bucket Inspection | NONE | NONE | NONE | | | None, OK or List problem |
| Overfill device | NONE | | accessable | | | Elec, float/vent, flapper? |
| *Overfill Test | | | | | | Pass or Fail? |

| C. DISPENSERS Disp#? | # | # | # | # | # | # | # |
|---|---|---|---|---|---|---|---|
| *Sump probe test (Pass/Fail/NA?) | | | | | | | |
| Crash Valves Secured? (Y/N) | | | | | | | |
| Meters Checked? (mm/yy) | | | | | | | |
| Disp#? | # | # | # | # | # | # | # |
| *Sump probe test (Pass/Fail/NA?) | | | | | | | |
| Crash valves secured? (Y/N) | | | | | | | |
| Meters checked? (mm/yy) | | | | | | | |

Station CLOSED

**COMMENTS**

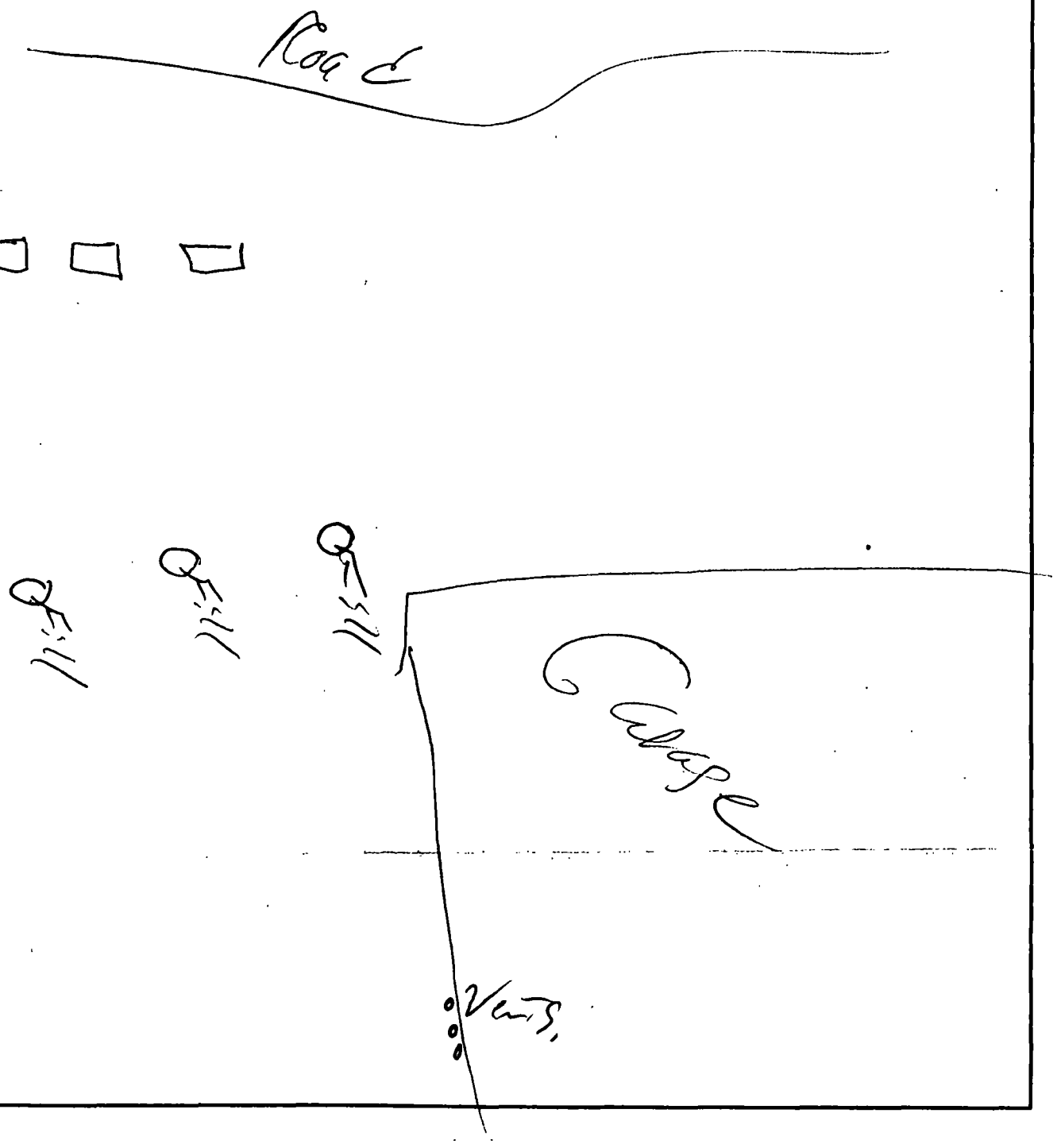
**Note: This form is general in nature and may not list all actions required to properly maintain and operate your equipment in compliance with Department Rules for Underground Oil Storage Facilities, Chapter 691.**

**PLEASE SEND A COPY OF THIS LOGSHEET TO THE DEPARTMENT AT THE ADDRESS LISTED ABOVE**

2001

**SITE SKETCH:**

Illustrate location of tanks, fills, sumps, dispensers, monitoring wells and adjacent streets and buildings.




**QUESTIONS?? CALL US AT (207) 287-2651 THE TANKS UNIT**

RR1 Box 678
Belmont Ave
Belfast 04915

STATE OF MAINE
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

Bureau of Remediation and Waste Management
# 17 State House Station, Augusta, Maine 04333

**** Attention **** Waiting for Verification from Dead River

These 3 Tanks were Pumped dry Last Fall 1999. No gas on the premises!!!

July 2000

338-3264

NICKERSON, HARLAND
BOX 678
BELFAST ME 04915

Dear Facility Owner:

Department records indicate that your facility has cathodically protected (CP) underground oil storage tank(s) and/or piping that are required to be tested yearly. Passing readings of -0.85 volts or greater (-0.86, -0.87, etc.) ensure your facility is protected against corrosion. All CP tests must be conducted by a Maine Certified Tank Installer or a Maine Certified Cathodic Protection Tester.

If your facility fails its CP test, you will be required to retest your system. If you fail a second test, you must repair or properly abandon the failing tank(s) or piping. You must complete the repairs within 12 months, or remove the failing tank(s) or piping from service until repaired or abandoned (removed). The enclosed flowcharts outline the Department's policy on testing, repairing, and abandoning galvanic CP systems (Owners of Impressed Current CP facilities should contact the Department about tests and repairs).

The Department started using these guidelines April 1, 2000. If your facility failed a CP test before this date, you have until April 1, 2001, to complete the steps outlined in the flowchart. If your facility received a failing test after April 1, 2000, you must bring your facility into compliance within 12 months of the first test date.

The Department has randomly selected and tested 100 CP facilities this year. These tests will be used to determine how well CP systems are performing, and to identify causes of errant readings.

If you have questions about this letter, contact us at 287-2651 and ask for the tanks unit.

| *Reg#* **2053** | **NICKERSONS EXXON BELMONT AVE** | | **BELFAST** | |
|---|---|---|---|---|
| *Tank/chamber* | *Size* | *Product* | *Tank type* | *Piping Type* |
| 1- 1 | 6000 Gallons | Unleaded Gasoline | Steel with cathodic protection. | Flexible double-walled |
| 2- 1 | 4000 Gallons | Gasoline Unspecified | Steel with cathodic protection. | Flexible double-walled |
| 3- 1 | 4000 Gallons | Premium Unleaded | Steel with cathodic protection. | Flexible double-walled |

STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Remediation and Waste Management
# 17 State House Station, Augusta, Maine 04333

**** Attention ****

April 2000

207-338-3264

NICKERSON, HARLAND
BOX 678
BELFAST ME 04915

Dear Facility Owner:

DEP records show that your underground oil storage tank (UST) facility requires an annual inspection. Failure to inspect, test and maintain your facility's leak prevention and detection systems, and keep a log of the records is a violation of DEP regulations. If your facility has a Cathodic protection (CP), system it must also be tested yearly.

Enclosed are two inspection log sheets. The CP log sheet does not have to be completed if your tank(s) or piping is not cathodically protected.

Any required leak detection or overfill prevention equipment that is missing or failing must be corrected within 30 days of discovery of a problem. Only a manufacturer-trained representative of the facility owner/operator, a Maine Certified Underground Tank Installer, or an authorized representative of the manufacturer are certified to inspect, repair, or retrofit USTs in Maine.

Not all tank testing and maintenance companies have staff with the above certifications. Facility inspections that are not completed by properly certified persons do not meet Maine regulations. Check to make sure your inspector is certified.

If you should have a leak, failure to maintain your facility (and facility records) will substantially increase the deductible you must pay if you apply to the Ground Water Oil Clean-Up Fund for financial assistance with clean-up costs. We recommend that you send a copy of the completed log sheets to DEP at the above address to confirm that you have performed the required tests.

If you have any questions, please call the DEP at (207) 287-2651 and ask to speak to someone in the Tanks Unit. Please have this letter ready when you call.

*Reg#* **2053** **NICKERSONS EXXON** **BELFAST**
**BELMONT AVE**

| *Tank /Chamber #* | *Size* | *Product* | *Tank type* | *Piping Type* |
|---|---|---|---|---|
| 1-1 | 6000 Gallons | Unleaded Gasoline | Steel with cathodic protection. | Flexible double-walled |
| 2-1 | 4000 Gallons | Gasoline Unspecified | Steel with cathodic protection. | Flexible double-walled |
| 3-1 | 4000 Gallons | Premium Unleaded Gasoline | Steel with cathodic protection. | Flexible double-walled |

**Maine Department of Environmental Protection**
**Bureau of Remediation and Waste Management**
**17 State House Station, Augusta, Maine 04333-0017**

## Annual Tank System Inspection Log

# INSTRUCTIONS

MeDEP recommends the annual tank system inspection log be completed by a Maine certified underground tank installer, a manufacturer trained representative of the facility owner/operator or an authorized representative of the manufacturer of the equipment. The sections marked by a star (*) **must** be completed by a person with these qualifications if these tests are required for your system. Inspection or repairs by persons other than these are invalid.

**For the Header**:

Fill in the facility name and location (street address and town), the facility registration number, the name and phone number of the tank owner and the operator's name (if different). Be sure the inspection date and inspector's name is filled out and the form is signed by the inspector. If the inspection was done by a Maine certified installer please include the installer's certification number.

## A: Tanks

**Tank Type**-fill in a description of the tank's construction i.e. cathodically protected steel (CP), fiberglass (Xerxes or O/C) or jacketed (ELU and TC are examples). Be sure to indicate whether the tank is single or double walled (SW or DW)
**Tank size**-list the tank storage capacity in gallons.
**Fuel type**-list the product stored in the tank (nolead, super, diesel, kero, etc.)
**Leak detector type**-list the leak detection method used for the tank. Most *single walled tanks* use an annual statistical inventory analysis (SIA) or monthly testing using an automatic tank gauge (ATG). If an ATG is used for leak detection then the probes must be checked for proper operation each year. Separate log sheets and instructions for this are available from MeDEP. *Double walled tanks* must use either electronic interstitial monitoring or the operator must manually check the interstitial space every week and keep a log of the results. If there is a log for this please indicate under Comments. Doublewalled tanks that are manually monitored must also use daily inv. with annual SIA or monthly ATG tests at 0.1 gph for leak detection. All tanks installed after September, 1991 must have continuous electronic interstitial monitoring. A few older tanks are not required to have leak detection including tanks that are out of service and empty (less than 1" of product) and heating oil (used on site) and waste oil tanks installed without leak detection before October 1991. Note: If these waste oil or heating oil tanks have monitoring wells installed for leak detection the wells must be checked by hand (weekly log required) or electronically monitored.
**Interstitial probe test** - Check the entire electronic interstitial monitoring system to make sure it is operating properly - console, probe, wiring. Follow the manufacturer's instructions for system inspection and repair. Indicate whether the system is operating properly (Pass) or needs repair/replacement (Fail). Note: MeDEP regulations require

electronic leak detection systems (ATG's, interstitial and piping sump probes) be repaired within 30 days. If a system is going to remain out of service longer than 30 days the MeDEP must be notified. If the system indicates liquid in the interstitial space then MeDEP must be notified as soon as possible and no later than 24 hours after the alarm or discovery. Call 1-800-482-0777 to report.

## B: Piping

**Piping type**-fill in a description of the piping material and construction (steel, copper, fiberglass, flexible? SW, DW or Sleeved?).
**Pump type**-indicate if the system uses a suction (S), submersible (P) or suction and return (S/R) pump system. If there is no pump list None.
**Suction system** - For a suction or suction and return system, indicate if there is a single check valve directly under the pump (Y/N).
**Pressurized system** - For a Pressurized system, indicate if an in-line leak detector is present (Y/N).
**In-line leak detector test**- If the system has an in-line leak detector, test it to make sure that it is operating properly (Y/N).
**Piping sump probe test** - For systems with doublewalled piping, check all sump probes to make sure they are operating properly.
**Drop tube** - Is a drop tube present? (Y/N). A drop tube must be present on all tanks where daily inventory is used for leak detection including diesel tanks.
**Spill Bucket Inspection** - Indicate if there is no spill bucket (None). If there is a spill bucket and it is in good condition - lid in place and the bucket is not rusted through and is empty (no dirt, salt, oil, water) - list OK. List any problems in Notes.
**Overfill device** - Indicate the type of overfill prevention device that has been installed. Electronic (Elec), float /vent (F/V), flapper (Flap) or, if there is no overfill protection (None).
**Overfill test** - Test any overfill device for proper operation and height. Indicate Pass/Fail.

## C: Dispensers

**Dispenser sump probe test** - For systems with doublewalled piping, check all sump probes to make sure they are operating properly. Indicate if **Crash valves** are in place and properly secured (Y/N). The National Fire Protection Association also recommends that the automatic closing feature of the valve be checked at least once a year by manually tripping the hold open linkage.
**Meter Calibration** - indicate fuel type and the last date calibrated for each meter. If the meters were all calibrated on the same date then write "All meters calibrated mm/yy" in this space. Me Dept of Agriculture requires that the meters be checked once a year where product is sold. MeDEP regs require the meters be checked once a year if daily inventory is used for leak detection even if the product is not sold.

**********

***Tank installers, owners and operators are required to report evidence of a possible leak as soon as possible but no latter than within 24 hours of discovery. Evidence of leak includes, but is not limited to, leaks, spills or discharges of oil; evidence of oil or water entering into the tank interstitial space or a piping sump, visual or olfactory evidence of oil in a monitoring well and failing or inconclusive piping or tank tightness test results.***

QUESTIONS? CALL US AT (207) 287-2651 - THE TANKS ENFORCEMENT UNIT

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
Bureau of Remediation & Waste Management
17 State House Station
Augusta, Maine 04333-0017

# ANNUAL CATHODIC PROTECTION LOGSHEET

**FACILITY NAME:** _____ **REGISTRATION NUMBER** _____

**LOCATION:** _____

| TANK SIZE | PRODUCT STORED | TANK READING | PASS/ FAIL? | PRODUCT PIPE READING | PASS/ FAIL? | VENT PIPE READING | PASS/ FAIL? |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

**TESTER'S NAME(PRINT)** _____ **TESTER'S SIGNATURE** _____ **DATE** _____ **INSTALLER #** _____

## *REMINDERS*

1. TO FIND SOMEONE TO TEST YOUR CATHODIC PROTECTION SYSTEM CHECK WITH:

   - •THE INSTALLER WHO PUT THE TANK(S) AND PIPING IN,
   - •YOUR OIL/MOTOR FUEL SUPPLIER,
   - •THE PHONE BOOK YELLOW PAGES UNDER **TANKS**; OR,
   - •CALL THE DEPARTMENT AT 207-287-2651 FOR A FREE LIST OF CERTIFIED TANK INSTALLERS.

2. ALWAYS SCHEDULE THE TESTING DURING THE RAINY SEASONS WHEN THE SOIL IS **NOT** FROZEN.

3. YOUR TEST RESULTS SHOULD BE AT LEAST -0.85 VOLTS,(i.e. -0.86, -0.89, ETC.). IF THE TEST WAS DONE IN DRY SOIL CONDITIONS AND FAILED, SCHEDULE ANOTHER TEST DURING THE NEXT RAINY SEASON.

4. PLEASE SEND A COPY OF THE LOGSHEET TO THE DEPARTMENT AT THE ADDRESS LISTED ABOVE.

5. THE DEPARTMENT REQUESTS THAT YOU NOTIFY US BEFORE HAVING YOUR CATHODIC PROTECTION SYSTEM REPAIRED OR REPLACED. ALL REPAIR WORK ON GALVANIC CATHODICALLY PROTECTED UNDERGROUND TANKS AND PIPING MUST BE DONE BY A MAINE LICENSED UNDERGROUND TANK INSTALLER. WORK ON IMPRESSED CURRENT SYSTEMS MUST BE SUPERVISED BY A CORROSION EXPERT CERTIFIED BY THE DEPARTMENT.

6. STATE REGULATIONS ALSO REQUIRE THAT A CATHODIC PROTECTION SYSTEM THAT HAS BEEN REPAIRED BE CHECKED 6-12 WEEKS AFTER THE REPAIR TO ENSURE THAT IT IS WORKING CORRECTLY.
   (Chapter 691.5(D)(17).

QUESTIONS?? CALL US AT: **(207) 287-2651** THE TANKS UNIT

## TROUBLE SHOOTING CHECKLIST FOR GALVANIC CATHODICALLY PROTECTED UST FACILITIES

| YES | NO | |
|---|---|---|
| ☐ | ☐ | Are the soil conditions dry or frozen? |
| ☐ | ☐ | Have the dielectric nylon reducing bushings been replaced with metal bushings? |
| ☐ | ☐ | Are the piping flanges missing the nylon isolators? |
| ☐ | ☐ | Is the piping/submersible pump isolated from the tank and/or dispenser? |
| ☐ | ☐ | Did you get a bad reading off copper leadwires due to aged, corroded or brittle wire? |
| ☐ | ☐ | Have you taken readings directly from the tank using a length of copper wire attached to the end of a dipstick? |
| ☐ | ☐ | Is the interstitial space monitor isolated from the tank? Check with a continuity meter. |
| ☐ | ☐ | Is the tank/piping electrically isolated from other equipment in the area? Check dispensers, plumbing, welders, electrical wiring, etc. with a continuity meter. |
| ☐ | ☐ | Are there any buried electrical conduit lines in the area around the tanks or piping? |
| ☐ | ☐ | Are any water pipes near or under the tanks or piping? |
| ☐ | ☐ | For heating oil tanks, has the copper piping been installed so that it has curled up against the tank wall and is not isolated from the tank? (Check with a continuity meter). |
| ☐ | ☐ | Is the soil that the reference copper sulfate cell is placed in contaminated with petroleum? |
| ☐ | ☐ | Are the connections between the reference cell or leadwires and voltmeter broken or loose? |

**Maine Department of Environmental Protection**
Bureau of Remediation and Waste Management
17 State House Station, Augusta, Maine 04333-0017

# ANNUAL TANK SYSTEM INSPECTION

Facility: _____ Owner: _____ Date: _____

Location: _____ Phone # _____ Inspector: _____

Reg. #: _____ Operator: _____ Signature: _____

| A. TANKS | Tank#1 | Tank#2 | Tank#3 | Tank#4 | Tank#5 | Notes |
|---|---|---|---|---|---|---|
| Tank Type | | | | | | DW/ SW? CP, FRP, Jacketed? |
| Tank size | | | | | | |
| Fuel Type | | | | | | |
| Leak detection type | | | | | | SIA,E mon., MW, ATG? |
| ***Interstitial probe test** | | | | | | Pass or Fail? |

| B. PIPING | Tank#1 | Tank#2 | Tank#3 | Tank#4 | Tank#5 | Notes |
|---|---|---|---|---|---|---|
| Piping type | | | | | | DW/SW? steel, FRP,copper, flex? |
| Pump Type | | | | | | Press.? Suction? Suction/return? |
| If suction, Ck. Vlv? (Y/N) | | | | | | Single Ck vlv under pump? |
| If press. Lk Detectors? (Y/N) | | | | | | |
| ***In-line leak detector test** | | | | | | Pass or Fail? |
| ***Piping sump probe test** | | | | | | Pass or Fail? |
| Drop tube? (Y/N) | | | | | | |
| Spill Bucket Inspection | | | | | | None, OK or List problem |
| Overfill device | | | | | | Elec, float/vent, flapper? |
| ***Overfill Test** | | | | | | Pass or Fail? |

| C. DISPENSERS Disp#? | # | # | # | # | # | # | # |
|---|---|---|---|---|---|---|---|
| ***Sump probe test** (Pass/Fail/NA?) | | | | | | | |
| Crash Valves Secured? (Y/N) | | | | | | | |
| Meters Checked? (mm/yy) | | | | | | | |
| Disp#? | # | # | # | # | # | # | # |
| ***Sump probe test** (Pass/Fail/NA?) | | | | | | | |
| Crash valves secured? (Y/N) | | | | | | | |
| Meters checked? (mm/yy) | | | | | | | |

**COMMENTS**

**PLEASE SEND A COPY OF THIS LOGSHEET TO THE DEPARTMENT AT THE ADDRESS LISTED ABOVE**

**Note: This form is general in nature and may not list all actions required to properly maintain and operate your equipment in compliance with Department Rules for Underground Oil Storage Facilities, Chapter 691.**

**SITE SKETCH:**

**Illustrate location of tanks, fills, sumps, dispensers, monitor. wells and adj. streets and buildings**

**QUESTIONS?? CALL US AT (207) 287-2651 THE TANKS UNIT**

SITE ID: 02053

NICKERSON'S EXXON
02053
RR1 678 BELMONT AVENUE
BELFAST, ME

M EL Job Number:8565

ME

12/9/99

| | | 1 | 2 | 3 |
|---|---|---|---|---|
| Facility and Tank No: | | 02053-1 | 02053-2 | 02053-3 |
| Tank capacity (gal.): | | 6000. | 4000. | 4800. |
| Product stored: | | No-lead(23) | NL Plus(20) | Prem NL(28) |
| Period of record: | From | 7/ 1/99 | 7/ 1/99 | 7/ 1/99 |
| | To | 10/16/99 | 10/16/99 | 10/16/99 |
| RESULTS | | PASS(.1) | PASS(.1) | PASS(.1) |

PASS(.1) -Meets Maine SIA and leak detection requirements
PASS(.2) -Meets Maine SIA requirements only.
FAIL or FAIL(OP) -Unsatisfactory results. Further investigation necessary.

6 a.m.
please change status
for all 3 tanks to C
for out of service 12/1/99
Ted Schaaf
OP 12/10/99

OP 12/10/99
All 3 of these tanks have been
pumped out 12/1/99. Empty & no
gas in them at all !!

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 12/ 1/99 16: 5:44

** ENTROPY LIMITED **

LEAK DETECTION PERFORMANCE STANDARD: 0.1 GAL/HR

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 8565

Company: NICKERSON'S EXXON M 8565
Facility location: 02053
RR1 678 BELMONT AVENUE
BELFAST, ME ME

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) 3 |
| Product: | 1) UNLD REG | 2) UL PLUS | 3) UL SUPRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4800. |
| Period of record, From: | 1) 7/ 1/99 | 2) 7/ 1/99 | 3) 7/ 1/99 |
| To: | 1) 10/16/99 | 2) 10/16/99 | 3) 10/16/99 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status for the tank and associated piping has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS

2) TANK-ID: 2 (UL PLUS )
PASS

3) TANK-ID: 3 (UL SUPRM)
PASS

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 (UL PLUS )
No systematic delivery bias

3) TANK-ID: 3 (UL SUPRM)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR 8565

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Conversion chart possibly inaccurate

2) TANK-ID: 2 (UL PLUS )
Significant conversion chart error
-1.4 (%): Percentage error (if significant)

3) TANK-ID: 3 (UL SUPRM)
Significant conversion chart error
-1.4 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR 8565

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 (UL PLUS )
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UL SUPRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW 8565

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 (UL PLUS )
No indication of water inflow

3) TANK-ID: 3 (UL SUPRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization

error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)

| Date | Amount |
|---|---|
| | NONE |

2) TANK-ID: 2 (UL PLUS )

| Date | Amount |
|---|---|
| | NONE |

3) TANK-ID: 3 (UL SUPRM)

| Date | Amount |
|---|---|
| | NONE |

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)

| | Date | Amount |
|---|---|---|
| 1 | 8/18/99 | -42. |
| 2 | 8/19/99 | 40. |

2) TANK-ID: 2 (UL PLUS )

| | Date | Amount |
|---|---|---|
| 1 | 7/ 7/99 | -23. |
| 2 | 7/ 8/99 | 30. |
| 3 | 9/22/99 | 36. |

3) TANK-ID: 3 (UL SUPRM)

| Date | Amount |
|---|---|
| | NONE |



An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest eighth inch (1/8") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
34.0 (gallons): Variability, data as reported
20.6 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (UL PLUS )
Acceptable variability
17.0 (gallons): Variability, data as reported
16.0 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UL SUPRM)
Acceptable variability
15.0 (gallons): Variability, data as reported
15.4 (gallons): Variability, after PTIC corrections

8565
(3)

**ENTROPY LIMITED**
Tank Integrity℠ Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (781) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland & Catherine Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 02053 Gasoline Station

Tank
(1) #1 Regular (6000) (6) _____
(2) #2 Plus (4000) (7) _____
(3) #3 Supreme (4000) (8) _____
(4) _____ (9) _____
(5) _____ (10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Catherine E Nickerson (Signature of tank owner) Nov. 16, 1999 (Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

R. Wellinger (For ENTROPY LIMITED) 12-2-99 (Date)

Maine Department of Environmental Protection
Bureau of Remediation and Waste Management
17 State House Station, Augusta, Maine 04333-0017
Telephone (207) 287-2651

– Robert Spencer – of Lewiston is the new owner –
His # is: Home → 782-5152
783-7053

## Underground Oil Storage Facility Inspection Checklist

Facility Name: Nickerson's Exxon
Registration #: 005-[redacted] Oct. 30, 1999
Tank Operator: _____
Tank Owner: Harland Nickerson
Address: RTE 3 Belfast
Address: _____
Facility Telephone Number: _____ Regis 2053
Assisted by: _____
Charles Baynton – 338 3589
Father-in-law → 338-2307
Harland Nickerson – 3264

**Physical Facility Inspection:**

1. Spill-buckets: Yes ✓ No ___ N/A ___ Comments: _____
2. Drop tubes: Yes ___ No ✓ N/A ___ Overfill protection: Yes ___ No ___ N/A ___ Type: _____
3. Vapor recovery: Yes ___ No ✓ N/A ___ [ Stage I or Stage II ] Comments: _____
4. Probes: Yes ___ No ___ N/A ✓ Operating properly in: Piping sump: Yes ___ No ___ N/A ___ Not ck'ed ___
   Interstice: Yes ___ No ___ N/A ___ ✓ Not ck'ed ___
5. Proper location and height of vent pipe(s): Yes ✓ No ___ Comments: _____
6. Crash valves secured: Yes ___ No ___ N/A ✓ Flex piping protected: Yes ___ No ___ N/A ___
   Dispenser sumps clean: Yes ___ No ___ N/A ___ ✓ Dispenser sump probes operating: Yes ___ No ___ N/A ___
7. Evidence of recent spills, leaks, or overfills at facility: No ✓ Yes – describe: _____

**Console and Facility Records Inspection**

Abandoned UTE 51-99

8. Facility registration accurate: Yes ✓ No ___ (if no, list changes in additional comment section)
9. Date of last annual facility inspection: Unk All components of facility inspected/repaired: Yes ___ No ___
   If no, list items omitted or not repaired: _____
10. Electronic leak detection system operating properly: Yes ___ No ___ N/A ___ Type: _____
11. Daily inventory properly reconciled: Yes ___ No ___ N/A ___ Comments: _____
    Date last SIA performed: _____ Results: _____
12. Cathodic protection test results: N/A ___ Tanks ____ (volts) Piping ____ (volts) Vent ___ (volts)
    CP tester and test date: _____
13. Spill log: Yes ____ No _____ Maintained: Yes ___ No ___ (see # 7)
14. Evidence of a possible leak reported to DEP within 24 hours: Yes ___ No ___ N/A ___
    Comments: _____

Additional Comments: _____

Inspector's Printed Name(s): Harold Evans Date: 07/18/99

Inspectors' Signature(s): Harold Evans

H:\bohmc\oeu\inspect\inspchkl2 6/99/hs

SITE ID: 02053

NICKERSON'S EXXON
02053 NICKERSON'S EXXON
678 BELMONT AVE
BELFAST, ME 04915

M EL Job Number:8453

ME

| | | 1 | 2 | 3 |
|---|---|---|---|---|
| Facility and Tank No: | | 02053-1 | 02053-2 | 02053-3 |
| Tank capacity (gal.): | | 6000. | 4000. | 4000. |
| Product stored: | | No-lead(23) | NL Plus(20) | Prem NL(28) |
| Period of record: | From | 7/ 1/98 | 7/ 1/98 | 7/ 1/98 |
| | To | 10/16/98 | 10/16/98 | 10/15/98 |
| RESULTS | | PASS(.1) | PASS(.1) | PASS(.1) |

12/8/98

PASS(.1) -Meets Maine SIA and leak detection requirements
PASS(.2) -Meets Maine SIA requirements only.
FAIL or FAIL(OP) -Unsatisfactory results. Further investigation necessary.

QP 12/9/98

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(781) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 11/25/98 14:54:26

** ENTROPY LIMITED **

LEAK DETECTION PERFORMANCE STANDARD: 0.1 GAL/HR

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 8453

Company: NICKERSON'S EXXON M 8453
Facility location: 02053 NICKERSON'S EXXON
678 BELMONT AVE
BELFAST, ME 04915 ME

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) 3 |
| Product: | 1) UNLD REG | 2) UL PLUS | 3) UL SUPRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Period of record, From: | 1) 7/ 1/98 | 2) 7/ 1/98 | 3) 7/ 1/98 |
| To: | 1) 10/16/98 | 2) 10/16/98 | 3) 10/15/98 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status for the tank and associated piping has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS

2) TANK-ID: 2 (UL PLUS )
PASS

3) TANK-ID: 3 (UL SUPRM)
PASS

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 (UL PLUS )
No systematic delivery bias

3) TANK-ID: 3 (UL SUPRM)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR 8453

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Significant conversion chart error
.7 (%): Percentage error (if significant)

2) TANK-ID: 2 (UL PLUS )
Significant conversion chart error
-1.5 (%): Percentage error (if significant)

3) TANK-ID: 3 (UL SUPRM)
Significant conversion chart error
-1.6 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR 8453

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 (UL PLUS )
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UL SUPRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW 8453

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 (UL PLUS )
No indication of water inflow

3) TANK-ID: 3 (UL SUPRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented

regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)

| Date | Amount |
|---|---|
| | NONE |

2) TANK-ID: 2 (UL PLUS )

| Date | Amount |
|---|---|
| | NONE |

3) TANK-ID: 3 (UL SUPRM)

| Date | Amount |
|---|---|
| | NONE |

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)

| | Date | Amount |
|---|---|---|
| 1 | 8/18/98 | -42. |
| 2 | 8/19/98 | 40. |

2) TANK-ID: 2 (UL PLUS )

| | Date | Amount |
|---|---|---|
| 1 | 7/ 7/98 | -23. |
| 2 | 7/ 8/98 | 30. |
| 3 | 9/22/98 | 35. |

3) TANK-ID: 3 (UL SUPRM)

| Date | Amount |
|---|---|
| | NONE |

(C) DAILY VARIABILITY 8453

An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest eighth inch (1/8") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
34.0 (gallons): Variability, data as reported
21.1 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (UL PLUS )
Acceptable variability
17.0 (gallons): Variability, data as reported
16.2 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UL SUPRM)
Acceptable variability
15.0 (gallons): Variability, data as reported
15.3 (gallons): Variability, after PTIC corrections

8453

3

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. & Catherine Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 02053 Gasoline Station

Tank (1) #1 Regular 6000 (6) _____

(2) #2 Plus 4000 (7) _____

(3) #3 Supreme 4000 (8) _____

(4) _____ (9) _____

(5) _____ (10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Mrs Harland E Nickerson (Signature of tank owner) Nov. 17, 1998 (Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

E. Nolan (For ENTROPY LIMITED) 11-30-98 (Date)

COPY = \ mailing this on request =
phone 338-4534

# DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Hazardous Materials & Solid Waste Control
#17 State House Station
Augusta, Maine 04333-0017

## CATHODIC PROTECTION LOGSHEET

UNDERGROUND OIL FACILITY REGISTRATION NUMBER 2053

FACILITY NAME: Nickerson Exxon
LOCATION: R # 3 Belfast Me

(THIS CATHODIC PROTECTION SYSTEM MUST BE TESTED YEARLY)

| TANK SIZE | PRODUCT | TANK READINGS | PRODUCT PIPE READINGS | VENT PIPE READINGS |
|---|---|---|---|---|
| 6000 | NL | -.863 | Fiberglass | No Readings |
| 4000 | Super | -.865 | " | |
| 4000 | Plus | -.865 | " | |
| | | | | |
| | | | | |

Arthur P Gooldrup Arthur P Gooldrup 5/8/98 013
TESTER'S NAME(PRINT) TESTER'S SIGNATURE DATE INSTALLER #

## *REMINDERS*

1. TO FIND SOMEONE TO TEST YOUR CATHODIC PROTECTION SYSTEM CHECK WITH:

   THE INSTALLER WHO PUT THE TANK(S) AND PIPING IN;
   YOUR OIL/MOTOR FUEL SUPPLIER; OR,
   THE PHONE BOOK YELLOW PAGES UNDER TANKS.

2. ALWAYS SCHEDULE THE TESTING DURING THE RAINY SEASONS WHEN THE SOIL IS **NOT** FROZEN*.

3. YOUR TEST RESULTS SHOULD BE AT LEAST -0.85 VOLTS, (i.e. -0.86, -0.89, -0.91, ETC.). IF ANY PORTION OF YOUR SYSTEM (TANKS OR PIPING) RECEIVES FAILING TEST RESULTS, SEND A COPY OF THE LOGSHEET TO THE ADDRESS ABOVE. IF THE TEST WAS DONE IN DRY SOIL CONDITIONS, RESCHEDULE TESTING DURING THE NEXT RAINY SEASON*.

4. NOTIFY THE DEPARTMENT IN WRITING BEFORE HAVING YOUR CATHODIC PROTECTION SYSTEM REPAIRED OR REPLACED. DO NOT BEGIN REPAIR OR REPLACEMENT WORK UNTIL YOU HAVE RECEIVED WRITTEN APPROVAL FROM THE DEPARTMENT. ALL WORK ON UNDERGROUND TANKS AND PIPING MUST BE DONE BY A MAINE LICENSED UNDERGROUND TANK INSTALLER.

QUESTIONS?? CALL US AT: (207) 287-2651

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

ANGUS S. KING, JR.
GOVERNOR

EDWARD O. SULLIVAN
COMMISSIONER

May 28, 1998

Barry Timson
Timson & Peters, Inc.
418 Maine Avenue
Farmingdale ME 04344

RE: Nickerson's Exxon, Belfast; RN 2053; A-232-98

Dear Barry:

I am writing in response to your letter of May 26, 1998 to Commissioner Sullivan in which you inquire about soil sampling results from Nickerson's Exxon submitted with a cover letter dated April 23, 1998. Upon receipt, the analytical results were immediately sent to our Augusta Response Services office for follow-up. In fact, by May 4, 1998, Ms. Mary Corr of Response Services had been to the site, talked with the facility owner and communicated that no soil clean-up would be required given the location of the facility and the soil concentrations you provided.

In your May 26, 1998 letter you state that without communication to the contrary, "my client will conclude that the Maine Department of Environmental Protection will not require remediation of soils at Nickerson's Exxon, Route 3, Belfast at the GRO concentrations reported." I would suggest that this would be a dangerous assumption to make since the statute very clearly states that such a discharge of oil, as documented by you, is clearly prohibited. A more prudent course of action in the future, if the situation is urgent, would be to have called the Department to determine if a clean-up would be required or to arrange to meet with the Response staff person assigned to a case.

Sincerely,

George Seel

George Seel
Director, Technical Services
Bureau of Remediation and Waste Management

cc: Mary Corr
Commissioner Sullivan

OGSEXXON/raj

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 764-1507

web site: www.state.me.us/dep

printed on recycled paper

Received 5/27/98
by OOC
RN 2053
Spill # A-232-98

Timson, Schepps & Peters, Inc.
Environmental Permitting Services
Geologic Consulting•Wetland Analyses

May 26, 1998

Edward Sullivan, Commissioner
c/o Bureau of Remediation and Waste Management
Maine Dept. of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

**Re: Follow-Up to Letter of April 23, 1998**
**Report of Soil GRO Concentrations In Exceedance of Chapter 691 Notification Levels**
**Nickerson's Exxon, Route 3, Belfast, Maine**

To Whom It May Concern:

On April 23, 1998, in accordance with regulations outlined in Appendix P, Chapter 691: Rules for Underground Oil Storage Facilities, I notified the Bureau of recent laboratory analyses of 2 subsurface soil samples collected on April 6, 1998 from Nickerson's Exxon Station, Route 3, Belfast, Maine and which exceeded the reporting threshold level of 5 ppm of Gasoline Range Organics (GRO).

As of the date of this letter, I have not received any written or oral response from the Department indicating the need or desire for any remediation at the site based upon the information provided. Consequently, my client will conclude that the Maine Department of Environmental Protection will not require remediation of soils at Nickerson's Exxon, Route 3, Belfast at the GRO concentrations reported.

Thank you for your attention to this matter.

Very truly yours,

Barry S. Timson, MCG#7
President

cc: R. Spencer

Office Location: 418 Maine Avenue, Farmingdale, ME 04344
Mailing Address: P.O. Box 150, Hallowell, Maine 04347•(207) 623-0053
FAX•(207) 623-2599

RN 2053
A-232-98

Timson & Peters, Inc. ENVIRONMENTAL SERVICES
Environmental Permitting
Geologic Consulting•Wetland Analyses
Environmental Assessments•Groundwater Investigations

April 23, 1998

Edward Sullivan, Commissioner
c/o Bureau of Remediation and Waste Management
Maine Dept. of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

**Re: Report of Soil GRO Concentrations from Subsurface Sampling In Exceedance of Notification Levels, Chapter 691 Nickerson's Exxon, Route 3, Belfast, Maine**

To Whom It May Concern:

In accordance with regulations outlined in Appendix P, Chapter 691: Rules for Underground Oil Storage Facilities, I am hereby reporting laboratory measurement of Gasoline Range Organics (GRO) in exceedance of the reporting level of 5 ppm from 2 subsurface soil samples collected from Nickerson's Exxon Station, Route 3, Belfast, Maine.

These samples were collected on April 6, 1998 and delivered to Maine Environmental Laboratory in Yarmouth, Maine on April 8, 1998. I received notification from the laboratory via fax of their analyses on April 21, 1998 but was unable to report the results of the analyses to my client until April 22, 1998. My investigations are part of an environmental site assessment being conducted for an individual.

Sample SBX-8 was taken approximately 6 feet from the delivery pumps directly between the pumps and Route 3 at a depth of 2 feet to 4 feet. Ground water level was at 2.2 feet below the surface. The split-spoon sample core bottomed in glacio-marine clay. Sample SBX-8, 2' to 4' was analyzed at a concentration of 16.4 parts per million (ppm) GRO. DRO were analyzed at levels of 25 ppm.

Sample SBX-11 was taken approximately 20 feet downgradient from the pump island at a depth of 2 feet to 4 feet. GRO analysis yielded a concentration of 21.6 ppm. DRO were analyzed at levels of 221 ppm. The ground water level at SBX-11 was below the bottom of the boring.

Samples taken directly downgradient from the area of 3 registered UGST containing gasolines of different octane (SBX-10) yielded GRO levels of ND (Non-Detect) at a depth of 4 feet to 6 feet and GRO levels of 6 ppm at a depth of 4 feet to 6 feet. Ground water depth in SBX-10 was at 2 feet. Analyses of GRO and DRO

Office Location: 418 Maine Avenue, Farmingdale, ME 04344
Mailing Address: P.O. Box 150, Hallowell, Maine 04347•(207) 623-0053
FAX•(207) 623-2599

from a ground water sample taken from SBX-10 yielded concentrations of 562 parts per billion (ppb) and 560 ppb, respectively.

No discharge of fuel was seen or smelled at an adjacent stream where groundwater would be discharging from the three sample sites.

At this point in time, I do not believe the UGST tanks to be leaking. Gasoline spillage at the pumps is most likely the cause for the gasoline range hydrocarbons in the samples.

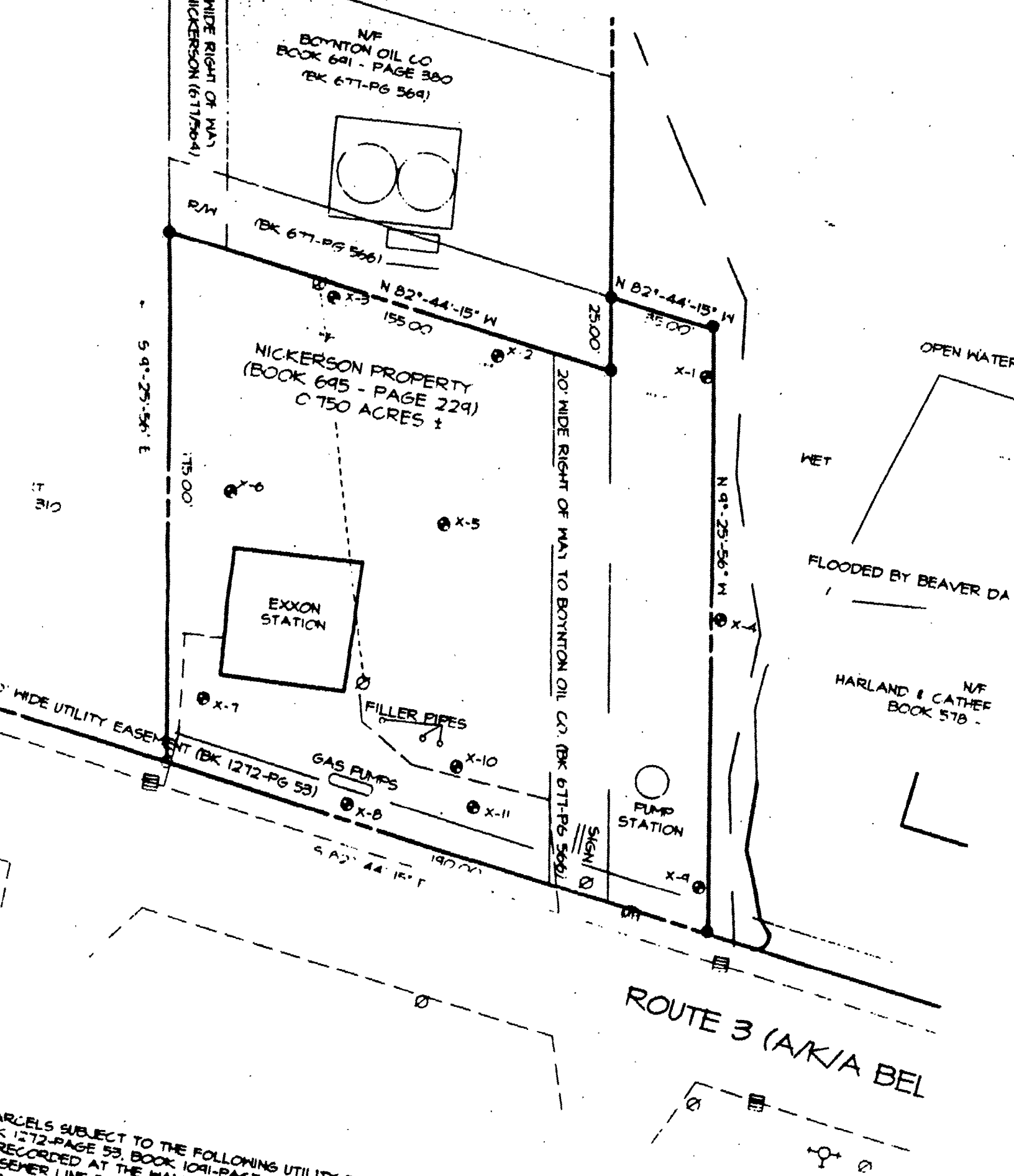
A large fuel oil spill occurred at Boynton's fuel depot located immediately north of the Exxon station. Most likely, this historical spill is the source of residual DRO seen at the gasoline station site.

Although I have not conducted a rigorous Decision Tree analysis at this point in time, I would judge the risk to human health to be negligible. All immediate surrounding residences and businesses are supplied by a public water supply. Ground water discharge from the site is immediately adjacent to the site (east of Exxon station) into an unnamed brook which flows south beneath Route 3.

Should you require further information or require further investigation on behalf of my client, please feel free to contact me at 623-0053.

Very truly yours,

Barry S. Timson, MCG#7
President




ARCELS SUBJECT TO THE FOLLOWING UTILITY EASEMENTS,
K 1272-PAGE 53, BOOK 1091-PAGE 59, BOOK 1335-PAGE 60
RECORDED AT THE WALDO COUNTY REGISTRY OF DEEDS.
SEWER LINE EXTENSION FOR THE CITY OF BELFAST" BY
APRIL 19, 1991, RECORDED IN PLAN DRAWER 16, PAGES 185 & 186
OF DEEDS

Analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-8 2'-4'

**Lab #:** 39491-2
**Matrix:** Soil
**Percent Solid:** 82
**Dilution Factor:** 12
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-2 | 16400 | µg/kg | 2400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 60 |
| Benzene | 169 | µg/kg | 12 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 105 % |
| Bromofluorobenzene | 249* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.

Authorized signature _____

analytics environmental laboratory inc.

198 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98
**Project Number:**
**Field Sample ID:** SBX-8 2'-4'

**SAMPLE DATA**

**Lab Sample ID:** 39491-2
**Matrix:** Soil
**Percent Solid:** 82
**Dilution Factor:** 1.1
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/13/98
**Analysis Date:** 04/18/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 25 | mg/kg | 6 |

**Surrogate Standard Recovery**

m-Terphenyl 94 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:** Results are expressed on a dry weight basis. Chromatogram contains peaks which elute after the DRO window.

Authorized signature

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-10 4'-6'

**Lab #:** 39491-3
**Matrix:** Soil
**Percent Solid:** 85
**Dilution Factor:** 11
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/13/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-3 | ND | µg/kg | 2200 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 55 |
| Benzene | ND | µg/kg | 11 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 98 % |
| Bromofluorobenzene | 93 % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** Results are expressed on a dry weight basis.

Authorized signature

Analytics environmental laboratory inc.

196 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5171 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-10W

**Lab #:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-1 | 562 | µg/L | 10 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | 85 | µg/L | 5 |
| Benzene | 16 | µg/L | 1 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 98 % |
| Bromofluorobenzene | 104 % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:**

Authorized signature _____

analytics environmental laboratory inc.

196 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-4906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98
**Project Number:**
**Field Sample ID:** SBX-10W

**SAMPLE DATA**

**Lab Sample ID:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/09/98
**Analysis Date:** 04/11/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 560 | µg/L | 50 |

**Surrogate Standard Recovery**

| | | |
|---|---|---|
| m-Terphenyl | 94 | % |

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:**

Authorized signature:

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-11 2'-4'

**Lab #:** 39491-4
**Matrix:** Soil
**Percent Solid:** 84
**Dilution Factor:** 22
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-4 | 21600 | µg/kg | 4400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 110 |
| Benzene | 43 | µg/kg | 22 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 84 % |
| Bromofluorobenzene | 124* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.

Authorized signature _____

Analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98
**Project Number:**
**Field Sample ID:** SBX-11 2'-4'

**SAMPLE DATA**

**Lab Sample ID:** 39491-4
**Matrix:** Soil
**Percent Solid:** 84
**Dilution Factor:** 12
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/13/98
**Analysis Date:** 04/18/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 221 | mg/kg | 60 |

**Surrogate Standard Recovery**

m-Terphenyl 120 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "*Maine HETL Method 4.1.25, September 6, 1995*".

**COMMENTS:** Results are expressed on a dry weight basis. Chromatogram contains peaks which elute after the DRO window.

Authorized signature

8325

SITE ID: 02053

NICKERSON'S EXXON
02053
678 BELMONT AVENUE
BELFAST, ME 04915

M EL Job Number:8325

ME

| | | 1 | 2 | 3 |
|---|---|---|---|---|
| Facility and Tank No: | | 02053-1 | 02053-2 | 02053-3 |
| Tank capacity (gal.): | | 6000. | 4000. | 4000. |
| Product stored: | | No-lead(23) | NL Plus(20) | Prem NL(28) |
| Period of record: | From | 8/ 1/97 | 8/ 1/97 | 8/ 1/97 |
| | To | 11/ 6/97 | 11/ 6/97 | 11/ 6/97 |
| RESULTS | | PASS(.1) | PASS(.1) | PASS(.1) |

12/9/97

QP 12/15/97

PASS(.1) -Meets Maine SIA and leak detection requirements
PASS(.2) -Meets Maine SIA requirements only.
FAIL or FAIL(OP) -Unsatisfactory results. Further investigation necessary.

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(781) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 12/ 1/97 12:24:42

** ENTROPY LIMITED **

LEAK DETECTION PERFORMANCE STANDARD: 0.1 GAL/HR

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 8325

Company: NICKERSON'S EXXON M 8325
Facility location: 02053
678 BELMONT AVENUE
BELFAST, ME 04915 ME

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) 3 |
| Product: | 1) UNLD REG | 2) UL PLUS | 3) UL SUPRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Period of record, From: | 1) 8/ 1/97 | 2) 8/ 1/97 | 3) 8/ 1/97 |
| To: | 1) 11/ 6/97 | 2) 11/ 6/97 | 3) 11/ 6/97 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status for the tank and associated piping has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS

2) TANK-ID: 2 (UL PLUS )
PASS

3) TANK-ID: 3 (UL SUPRM)
PASS

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 (UL PLUS )
No systematic delivery bias

3) TANK-ID: 3 (UL SUPRM)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR 8325

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Significant conversion chart error
2.0 (%): Percentage error (if significant)

2) TANK-ID: 2 (UL PLUS )
OK, conversion chart appears accurate

3) TANK-ID: 3 (UL SUPRM)
OK, conversion chart appears accurate

(D) DISPENSING METER ERROR 8325

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 (UL PLUS )
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UL SUPRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW 8325

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 (UL PLUS )
No indication of water inflow

3) TANK-ID: 3 (UL SUPRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)

| Date | Amount |
|---|---|
| | NONE |

2) TANK-ID: 2 (UL PLUS )

| Date | Amount |
|---|---|
| | NONE |

3) TANK-ID: 3 (UL SUPRM)

| Date | Amount |
|---|---|
| | NONE |

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)

| | Date | Amount |
|---|---|---|
| 1 | 10/14/97 | 44. |
| 2 | 9/10/97 | 48. |

2) TANK-ID: 2 (UL PLUS )

| | Date | Amount |
|---|---|---|
| 1 | 9/ 4/97 | 39. |
| 2 | 9/16/97 | 36. |
| 3 | 10/13/97 | -33. |

3) TANK-ID: 3 (UL SUPRM)

| | Date | Amount |
|---|---|---|
| 1 | 10/24/97 | 35. |

(C) DAILY VARIABILITY



An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest eighth inch (1/8") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
28.0 (gallons): Variability, data as reported
21.8 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (UL PLUS )
Acceptable variability
17.0 (gallons): Variability, data as reported
15.8 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UL SUPRM)
Acceptable variability
9.0 (gallons): Variability, data as reported
9.4 (gallons): Variability, after PTIC corrections

8325

(3)

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773
(617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. & Catherine E. Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 02053 Gasoline Station

Tank
(1) #1 Regular (6000)
(2) #2 Plus (4000)
(3) #3 Supreme (4000)
(4) _____
(5) _____
(6) _____
(7) _____
(8) _____
(9) _____
(10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Catherine E. Nickerson
(Signature of tank owner)

Nov. 20, 1997
(Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

D. Wellenger
(For ENTROPY LIMITED)

12-4-97
(Date)

8125

SITE ID: 02053

NICKERSON'S EXXON
02053
678 BELMONT AVENUE
BELFAST, ME 04915

M EL Job Number:8125

ME

1 2 3

| | | | | |
|---|---|---|---|---|
| Facility and Tank No: | | 02053-1 | 02053-2 | 02053-3 |
| Tank capacity (gal.): | | 6000. | 4000. | 4000. |
| Product stored: | | No-lead(23) | NL Plus(20) | Prem NL(28) |
| Period of record: | From | 6/ 3/96 | 6/ 3/96 | 6/ 3/96 |
| | To | 9/ 3/96 | 9/ 3/96 | 9/ 3/96 |
| RESULTS | | PASS(.1) | PASS(.1) | PASS(.1) |

12/18/96

PASS(.1) -Meets Maine SIA and leak detection requirements
PASS(.2) -Meets Maine SIA requirements only.
FAIL or FAIL(OP) -Unsatisfactory results. Further investigation necessary.

OP 12/19/96

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 12/ 9/96 14:23:57

** ENTROPY LIMITED **

LEAK DETECTION PERFORMANCE STANDARD: 0.1 GAL/HR

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 8125

Company: NICKERSON'S EXXON M 8125
Facility location: 02053
678 BELMONT AVENUE
BELFAST, ME 04915 ME

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) 3 |
| Product: | 1) UNLD REG | 2) UL PLUS | 3) UL SUPRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Period of record, From: | 1) 6/ 3/96 | 2) 6/ 3/96 | 3) 6/ 3/96 |
| To: | 1) 9/ 3/96 | 2) 9/ 3/96 | 3) 9/ 3/96 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status for the tank and associated piping has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS

2) TANK-ID: 2 (UL PLUS )
PASS

3) TANK-ID: 3 (UL SUPRM)
PASS

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 (UL PLUS )
No systematic delivery bias

3) TANK-ID: 3 (UL SUPRM)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR 8125

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Significant conversion chart error
1.4 (%): Percentage error (if significant)

2) TANK-ID: 2 (UL PLUS )
OK, conversion chart appears accurate

3) TANK-ID: 3 (UL SUPRM)
Significant conversion chart error
-1.8 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR 8125

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 (UL PLUS )
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UL SUPRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW 8125

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 (UL PLUS )
No indication of water inflow

3) TANK-ID: 3 (UL SUPRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization

error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)

| Date | Amount |
|---|---|
| | NONE |

2) TANK-ID: 2 (UL PLUS )

| Date | Amount |
|---|---|
| | NONE |

3) TANK-ID: 3 (UL SUPRM)

| Date | Amount |
|---|---|
| | NONE |

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)

| | Date | Amount |
|---|---|---|
| 1 | 7/ 1/96 | -71. |
| 2 | 7/ 2/96 | -68. |
| 3 | 7/30/96 | -34. |
| 4 | 7/31/96 | 50. |
| 5 | 6/18/96 | -60. |

2) TANK-ID: 2 (UL PLUS )

| | Date | Amount |
|---|---|---|
| 1 | 7/ 8/96 | -32. |
| 2 | 7/16/96 | -31. |
| 3 | 6/11/96 | -23. |
| 4 | 8/20/96 | 39. |
| 5 | 8/21/96 | 15. |

3) TANK-ID: 3 (UL SUPRM)

| Date | Amount |
|---|---|
| | NONE |

(C) DAILY VARIABILITY 8125

An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest eighth inch (1/8") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)

Acceptable variability
30.0 (gallons): Variability, data as reported
23.6 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (UL PLUS )

Acceptable variability
17.0 (gallons): Variability, data as reported
17.2 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UL SUPRM)

Acceptable variability
15.0 (gallons): Variability, data as reported
14.9 (gallons): Variability, after PTIC corrections

8125
(3)

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. Nickerson
Catherine E. Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 02053 - Gasoline Station

Tank
(1) #1, Regular 6000
(2) #2, Plus 4000
(3) #3, Supreme 4000
(4) _____
(5) _____
(6) _____
(7) _____
(8) _____
(9) _____
(10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Harland E Nickerson — 11/25/96
(Signature of tank owner) (Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

C. Dendy — 12-9-96
(For ENTROPY LIMITED) (Date)

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
Bureau of Hazardous Materials & Solid Waste Control
#17 State House Station
Augusta, Maine 04333-0017

Logged 9/12/95

## CATHODIC PROTECTION LOGSHEET

**UNDERGROUND OIL FACILITY REGISTRATION NUMBER** 2053

**FACILITY NAME:** Nickerson's Exxon
**LOCATION:** 678 Belmont Ave Belfast, ME. 04915

**(THIS CATHODIC PROTECTION SYSTEM MUST BE TESTED YEARLY)**

| TANK SIZE | PRODUCT | TANK READINGS | PRODUCT PIPE READINGS | VENT PIPE READINGS |
|---|---|---|---|---|
| 6000 | No Lead | 820 | Suction - Fiberglass | Galv. Pipe |
| 4000 | Supreme/L | 950 | " | " |
| 4000 | PLUS | 960 | " | " |
| | | | | |
| | | | | |

Arthur P. Gooldrup Jr. | Arthur P Gooldrup | June 10, 1995 | # 013
**TESTER'S NAME(PRINT)** | **TESTER'S SIGNATURE** | **DATE** | **INSTALLER #**

### *REMINDERS*

1. TO FIND SOMEONE TO TEST YOUR CATHODIC PROTECTION SYSTEM CHECK WITH:

   THE INSTALLER WHO PUT THE TANK(S) AND PIPING IN;
   YOUR OIL/MOTOR FUEL SUPPLIER; OR,
   THE PHONE BOOK YELLOW PAGES UNDER TANKS.

2. ALWAYS SCHEDULE THE TESTING DURING THE RAINY SEASONS WHEN THE SOIL IS **NOT** FROZEN*.

3. YOUR TEST RESULTS SHOULD BE AT LEAST -0.85 VOLTS, (i.e. -0.86, -0.89, -0.91, ETC.). IF ANY PORTION OF YOUR SYSTEM (TANKS OR PIPING) RECEIVES FAILING TEST RESULTS, SEND A COPY OF THE LOGSHEET TO THE ADDRESS ABOVE. IF THE TEST WAS DONE IN DRY SOIL CONDITIONS, RESCHEDULE TESTING DURING THE NEXT RAINY SEASON*.

4. NOTIFY THE DEPARTMENT IN WRITING **BEFORE** HAVING YOUR CATHODIC PROTECTION SYSTEM REPAIRED OR REPLACED. DO NOT BEGIN REPAIR OR REPLACEMENT WORK UNTIL YOU HAVE RECEIVED WRITTEN APPROVAL FROM THE DEPARTMENT. ALL WORK ON UNDERGROUND TANKS AND PIPING MUST BE DONE BY A MAINE LICENSED UNDERGROUND TANK INSTALLER.

QUESTIONS?? CALL US AT: **(207) 287-2651** THE OIL ENFORCEMENT UNIT

CPLOGSHT/DMF/95

7851

SITE ID: 02053

NICKERSON'S EXXON
02053 BELFAST
678 BELMONT AVENUE
BELFAST, ME 04915

M EL Job Number:7851

ME

| | | 1 | 2 | 3 |
|---|---|---|---|---|
| Facility and Tank No: | | 02053-1 | 02053-2 | 02053-3 |
| Tank capacity (gal.): | | 6000. | 4000. | 4000. |
| Product stored: | | No-lead(23) | NL Plus(20) | Prem NL(28) |
| Period of record: | From | 6/ 1/95 | 6/ 1/95 | 6/ 1/95 |
| | To | 9/ 5/95 | 9/ 5/95 | 9/ 5/95 |
| RESULTS | | PASS(.1) | PASS(.1) | PASS(.1) |

11/15/95

PASS(.1) -Meets Maine SIA and leak detection requirements
PASS(.2) -Meets Maine SIA requirements only.
FAIL or FAIL(OP) -Unsatisfactory results. Further investigation necessary.

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 11/ 9/95 15:21:57

** ENTROPY LIMITED **

LEAK DETECTION PERFORMANCE STANDARD: 0.1 GAL/HR

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 7851

Company: NICKERSON'S EXXON M 7851
Facility location: 02053 BELFAST
678 BELMONT AVENUE
BELFAST, ME 04915 ME

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) 3 |
| Product: | 1) UNLD REG | 2) UL PLUS | 3) UL SUPRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Period of record, From: | 1) 6/ 1/95 | 2) 6/ 1/95 | 3) 6/ 1/95 |
| To: | 1) 9/ 5/95 | 2) 9/ 5/95 | 3) 9/ 5/95 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status for the tank and associated piping has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS

2) TANK-ID: 2 (UL PLUS )
PASS

3) TANK-ID: 3 (UL SUPRM)
PASS

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 (UL PLUS )
No systematic delivery bias

3) TANK-ID: 3 (UL SUPRM)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR 7851

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Conversion chart possibly inaccurate

2) TANK-ID: 2 (UL PLUS )
OK, conversion chart appears accurate

3) TANK-ID: 3 (UL SUPRM)
Significant conversion chart error
1.0 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR 7851

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 (UL PLUS )
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UL SUPRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW 7851

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 (UL PLUS )
No indication of water inflow

3) TANK-ID: 3 (UL SUPRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)

| Date | Amount |
|---|---|
| | NONE |

2) TANK-ID: 2 (UL PLUS )

| Date | Amount |
|---|---|
| | NONE |

3) TANK-ID: 3 (UL SUPRM)

| Date | Amount |
|---|---|
| | NONE |

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)

| | Date | Amount |
|---|---|---|
| 1 | 6/29/95 | -39. |
| 2 | 6/30/95 | -60. |
| 3 | 8/21/95 | 29. |
| 4 | 8/22/95 | -13. |

2) TANK-ID: 2 (UL PLUS )

| | Date | Amount |
|---|---|---|
| 1 | 6/30/95 | 30. |
| 2 | 7/ 3/95 | -19. |

3) TANK-ID: 3 (UL SUPRM)

| | Date | Amount |
|---|---|---|
| 1 | 7/27/95 | 11. |
| 2 | 7/29/95 | 32. |

(C) DAILY VARIABILITY 7851

An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest eighth inch (1/8") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
25.0 (gallons): Variability, data as reported
25.5 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (UL PLUS )
Acceptable variability
17.0 (gallons): Variability, data as reported
16.9 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UL SUPRM)
Acceptable variability
12.0 (gallons): Variability, data as reported
12.6 (gallons): Variability, after PTIC corrections

1851

(2)

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. + Catherine E. Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 02053 - Gasoline Station

Tank (1) #1 Regular 6000 (6) _____

(2) #2 Plus 4000 (7) _____

(3) #3 Supreme 4000 (8) _____

(4) _____ (9) _____

(5) _____ (10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Catherine E Nickerson (Signature of tank owner) October 30, 1995 (Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

D Willman (For ENTROPY LIMITED) 11-9-95 (Date)

Nickerson, Harland

SITE ID: 02053

NICKERSON'S EXXON
02053 BELFAST
678 BELMONT AVENUE
BELFAST, ME 04915

M EL Job Number:7546

ME

| | | | | |
|---|---|---|---|---|
| Facility and Tank No: | | 02053-1 | 02053-2 | 02053-3 |
| Tank capacity (gal.): | | 6000. | 4000. | 4000. |
| Product stored: | | No-lead(23) | NL Plus(20) | Prem NL(28) |
| Period of record: | From | 5/ 2/94 | 5/ 2/94 | 5/ 2/94 |
| | To | 8/ 1/94 | 8/ 1/94 | 8/ 1/94 |
| RESULTS | | PASS(.1) | PASS(.1) | PASS(.1) |

PASS(.1) -Meets Maine SIA and leak detection requirements
PASS(.2) -Meets Maine SIA requirements only.
FAIL or FAIL(OP) -Unsatisfactory results. Further investigation necessary.

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 10/27/94 14: 8:32

** ENTROPY LIMITED **

LEAK DETECTION PERFORMANCE STANDARD: 0.1 GAL/HR

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 7546

Company: NICKERSON'S EXXON M 7546
Facility location: 02053 BELFAST
678 BELMONT AVENUE
BELFAST, ME 04915 ME

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) 3 |
| Product: | 1) UNLD REG | 2) UL PLUS | 3) UL SUPRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Period of record, From: | 1) 5/ 2/94 | 2) 5/ 2/94 | 3) 5/ 2/94 |
| To: | 1) 8/ 1/94 | 2) 8/ 1/94 | 3) 8/ 1/94 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS

2) TANK-ID: 2 (UL PLUS )
PASS

3) TANK-ID: 3 (UL SUPRM)
PASS

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 (UL PLUS )
No systematic delivery bias

3) TANK-ID: 3 (UL SUPRM)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR 7546

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Significant conversion chart error
1.9 (%): Percentage error (if significant)

2) TANK-ID: 2 (UL PLUS )
Significant conversion chart error
1.4 (%): Percentage error (if significant)

3) TANK-ID: 3 (UL SUPRM)
Conversion chart possibly inaccurate

(D) DISPENSING METER ERROR 7546

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 (UL PLUS )
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UL SUPRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW 7546

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 (UL PLUS )
No indication of water inflow

3) TANK-ID: 3 (UL SUPRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization

error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)

| | Date | Amount |
|---|---|---|
| 1 | 6/13/94 | 52. |
| 2 | 6/23/94 | 54. |

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(C) DAILY VARIABILITY



An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest eighth inch (1/8") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
31.0 (gallons): Variability, data as reported
21.8 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (UL PLUS )
Acceptable variability
18.0 (gallons): Variability, data as reported
14.4 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UL SUPRM)
Acceptable variability
10.0 (gallons): Variability, data as reported
9.7 (gallons): Variability, after PTIC corrections

7546
3

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E & Catherine E. Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 02053 Gasoline Station

Tank
(1) #1 Regular 6000 (6) _____
(2) #2 Plus 4000 (7) _____
(3) #3 Supreme 4000 (8) _____
(4) _____ (9) _____
(5) _____ (10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Catherine E Nickerson (Signature of tank owner) — Oct 14, 1994 (Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

D. Willinger (For ENTROPY LIMITED) — 10-28-94 (Date)

SITE ID: 02053

NICKERSON'S EXXON
02053 BELFAST 4474
678 BELMONT AVENUE
BELFAST, ME 04915

M EL Job Number:7211

ME

| Facility and Tank No: | | 02053-1 | 02053-2 | 02053-3 |
|---|---|---|---|---|
| Tank capacity (gal.): | | 6000. | 4000. | 4000. |
| Product stored: | | No-lead(23) | NL Plus(20) | Prem NL(28) |
| Period of record: | From | 7/ 9/93 | 7/ 9/93 | 7/ 9/93 |
| | To | 10/ 7/93 | 10/ 7/93 | 10/ 7/93 |
| RESULTS | | PASS(.1) | PASS(.1) | PASS(.1) |

9351A

PASS(.1) -Meets Maine SIA and leak detection requirements
PASS(.2) -Meets Maine SIA requirements only.
FAIL or FAIL(OP) -Unsatisfactory results. Further investigation necessary.

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 11/ 9/93 17:21:48

** ENTROPY LIMITED **

LEAK DETECTION PERFORMANCE STANDARD: 0.1 GAL/HR

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 7211

Company: NICKERSON'S EXXON M 7211
Facility location: 02053 BELFAST 4474
678 BELMONT AVENUE
BELFAST, ME 04915 ME

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) 3 |
| Product: | 1) UNLD REG | 2) UL PLUS | 3) UL SUPRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Period of record, From: | 1) 7/ 9/93 | 2) 7/ 9/93 | 3) 7/ 9/93 |
| To: | 1) 10/ 7/93 | 2) 10/ 7/93 | 3) 10/ 7/93 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS

2) TANK-ID: 2 (UL PLUS )
PASS

3) TANK-ID: 3 (UL SUPRM)
PASS

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 (UL PLUS )
No systematic delivery bias

3) TANK-ID: 3 (UL SUPRM)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR 7211

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Significant conversion chart error
2.2 (%): Percentage error (if significant)

2) TANK-ID: 2 (UL PLUS )
Conversion chart possibly inaccurate

3) TANK-ID: 3 (UL SUPRM)
OK, conversion chart appears accurate

(D) DISPENSING METER ERROR 7211

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 (UL PLUS )
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UL SUPRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW 7211

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 (UL PLUS )
No indication of water inflow

3) TANK-ID: 3 (UL SUPRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: 3 (UL SUPRM)
Date Amount
NONE

(C) DAILY VARIABILITY 7211

An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest eighth inch (1/8") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
29.0 (gallons): Variability, data as reported
19.8 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (UL PLUS )
Acceptable variability
17.0 (gallons): Variability, data as reported
14.1 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UL SUPRM)
Acceptable variability
17.0 (gallons): Variability, data as reported
16.9 (gallons): Variability, after PTIC corrections

1211

3

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. & Catherine Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 02053 Gasoline Station

Tank
(1) #1 Regular 6000
(2) #2 Plus 4000
(3) #3 Supreme 4000
(4) _____
(5) _____
(6) _____
(7) _____
(8) _____
(9) _____
(10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Catherine E. Nickerson (Signature of tank owner)

Oct. 26, 1993 (Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

Anna Nellenger (For ENTROPY LIMITED)

11-10-93 (Date)

#2053

92 51A

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 11/11/92 16:26:16

** ENTROPY LIMITED **

LEAK DETECTION PERFORMANCE STANDARD: 0.1 GAL/HR

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 6807

Company: NICKERSON'S EXXON M 6807
Facility location: #4474
678 BELMONT AVE
BELFAST, ME ME

ALL PASS

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) #3 |
| Product: | 1) UNLD REG (23) | 2) UL PLUS (20) | 3) UL SUPRM (28) |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Period of record, From: | 1) 7/ 1/92 | 2) 7/ 1/92 | 3) 7/ 1/92 |
| To: | 1) 9/25/92 | 2) 9/25/92 | 3) 9/25/92 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS, no leak indicated

2) TANK-ID: 2 (UL PLUS )
PASS, no leak indicated

3) TANK-ID: #3 (UL SUPRM)
PASS, no leak indicated

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (UL PLUS )
Date Amount
NONE

3) TANK-ID: #3 (UL SUPRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 (UL PLUS )
No systematic delivery bias

3) TANK-ID: #3 (UL SUPRM)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
   Date Amount
   NONE

2) TANK-ID: 2 (UL PLUS )
   Date Amount
   NONE

3) TANK-ID: #3 (UL SUPRM)
   Date Amount
   NONE

(C) CONVERSION CHART ERROR 6807

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
   Significant conversion chart error
   2.0 (%): Percentage error (if significant)

2) TANK-ID: 2 (UL PLUS )
   Significant conversion chart error
   .7 (%): Percentage error (if significant)

3) TANK-ID: #3 (UL SUPRM)
   Significant conversion chart error
   1.4 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR 6807

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
   No major dispensing meter inaccuracy

2) TANK-ID: 2 (UL PLUS )
   No major dispensing meter inaccuracy

3) TANK-ID: #3 (UL SUPRM)
   No major dispensing meter inaccuracy

(E) WATER INFLOW 6807

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
   No indication of water inflow

2) TANK-ID: 2 (UL PLUS )
   No indication of water inflow

3) TANK-ID: #3 (UL SUPRM)
   No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented

regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)

| Date | Amount |
|---|---|
| | NONE |

2) TANK-ID: 2 (UL PLUS )

| Date | Amount |
|---|---|
| | NONE |

3) TANK-ID: #3 (UL SUPRM)

| Date | Amount |
|---|---|
| | NONE |

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)

| | Date | Amount |
|---|---|---|
| 1 | 8/12/92 | 75. |
| 2 | 8/13/92 | 44. |

2) TANK-ID: 2 (UL PLUS )

| | Date | Amount |
|---|---|---|
| 1 | 8/12/92 | 34. |

3) TANK-ID: #3 (UL SUPRM)

| | Date | Amount |
|---|---|---|
| 1 | 7/ 7/92 | 40. |
| 2 | 7/30/92 | -45. |
| 3 | 8/31/92 | -37. |

(C) DAILY VARIABILITY 6807

An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest eighth inch (1/8") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
32.0 (gallons): Variability, data as reported
23.1 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (UL PLUS )
Acceptable variability
17.0 (gallons): Variability, data as reported
16.2 (gallons): Variability, after PTIC corrections

3) TANK-ID: #3 (UL SUPRM)
Acceptable variability
19.0 (gallons): Variability, data as reported
13.1 (gallons): Variability, after PTIC corrections

ENTROPY LIMITED
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility Gasoline Station - 2053

Tank (1) #1 Regular - 6000 (6) _____

(2) #2 Plus - 4000 (7) _____

(3) #3 Supreme - 4000 (8) _____

(4) _____ (9) _____

(5) _____ (10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Harland E. Nickerson (Signature of tank owner) Nov. 4 1992 (Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

Linda Hecht (For ENTROPY LIMITED) 11/12/92 (Date)

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 12/28/91 8:46:49 ** ENTROPY LIMITED **

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 6487

Company: NICKERSON'S EXXON (#2053) M 6487
Facility location: 4474
678 BELMONT AVENUE
BELFAST, ME ME

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 PLUS | 3) 3 SUPRM |
| Product: | 1) UNLD REG | 2) UNLD PRM | 3) UNLD PRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Days of observation: | 1) 60 | 2) 60 | 3) 60 |
| Period of record, From: | 1) 6/ 3/91 | 2) 6/ 3/91 | 3) 6/ 3/91 |
| To: | 1) 9/ 5/91 | 2) 9/ 5/91 | 3) 9/ 5/91 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS, probably sound

2) TANK-ID: 2 PLUS (UNLD PRM)
PASS, no leak indicated

3) TANK-ID: 3 SUPRM (UNLD PRM)
PASS, no leak indicated

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)

| | Date | Amount |
|---|---|---|
| 1 | 6/13/91 | 82. |
| Total | | 82. |

2) TANK-ID: 2 PLUS (UNLD PRM)

| | Date | Amount |
|---|---|---|
| 1 | 6/ 3/91 | -71. |
| Total | | -71. |

3) TANK-ID: 3 SUPRM (UNLD PRM)

| Date | Amount |
|---|---|
| | NONE |

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 PLUS (UNLD PRM)
Systematic delivery bias present

.6 (%): Delivery bias as a percent of thru-put

3) TANK-ID: 3 SUPRM (UNLD PRM)
No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 PLUS (UNLD PRM)
Date Amount
NONE

3) TANK-ID: 3 SUPRM (UNLD PRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR 6487

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Significant conversion chart error
2.2 (%): Percentage error (if significant)

2) TANK-ID: 2 PLUS (UNLD PRM)
Conversion chart possibly inaccurate

3) TANK-ID: 3 SUPRM (UNLD PRM)
Significant conversion chart error
-.7 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR 6487

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 PLUS (UNLD PRM)
No major dispensing meter inaccuracy

3) TANK-ID: 3 SUPRM (UNLD PRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW 6487

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 PLUS (UNLD PRM)
No indication of water inflow

3) TANK-ID: 3 SUPRM (UNLD PRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of record-keeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying

to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)

| Date | Amount |
|---|---|
| | NONE |

2) TANK-ID: 2 PLUS (UNLD PRM)

| Date | Amount |
|---|---|
| | NONE |

3) TANK-ID: 3 SUPRM (UNLD PRM)

| Date | Amount |
|---|---|
| | NONE |

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)

| Date | Amount |
|---|---|
| | NONE |

2) TANK-ID: 2 PLUS (UNLD PRM)

| | Date | Amount |
|---|---|---|
| 1 | 6/13/91 | 41. |

3) TANK-ID: 3 SUPRM (UNLD PRM)

| | Date | Amount |
|---|---|---|
| 1 | 7/ 1/91 | -48. |

(C) DAILY VARIABILITY 6487

An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest quarter inch (1/4") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
41.0 (gallons): Variability, data as reported
19.4 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 PLUS (UNLD PRM)
Acceptable variability
24.0 (gallons): Variability, data as reported
15.8 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 SUPRM (UNLD PRM)
Acceptable variability
21.0 (gallons): Variability, data as reported
18.1 (gallons): Variability, after PTIC corrections

(D) NUMBER OF USABLE RECORDS 6487

For PTIC to be effective, a sufficient number of daily inventory measurement records must be supplied. Large or unusual discrepancies will lead PTIC to drop some records from the statistical analysis. The number of usable records is rated as follows:

1) TANK-ID: 1 (UNLD REG)
Acceptable number
58.0 (days): Number of usable records

2) TANK-ID: 2 PLUS (UNLD PRM)
Acceptable number
56.0 (days): Number of usable records

3) TANK-ID: 3 SUPRM (UNLD PRM)
Acceptable number
57.0 (days): Number of usable records

W16T 3

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located BELFAST, MAINE

3) Name of owner Harland E. + Catherine Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 2053 Exxon Station

Tank (1) #1, Regular 6000 (6) _____

(2) #2, Plus 4000 (7) _____

(3) #3, Supreme 4000 (8) _____

(4) _____ (9) _____

(5) _____ (10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Catherine E Nickerson (Signature of tank owner) — Dec 18 1991 (Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

CJarvi (RC) (For ENTROPY LIMITED) — 12-30-91 (Date)

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 6/23/88 14:32:19

** ENTROPY LIMITED **

## ***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

Company: NICKERSON'S EXXON
Facility location: BELMONT AVENUE
BELFAST, ME

20053

4937

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 3 | 3) 2 |
| Product: | 1) UNLD REG | 2) UNLD PRM | 3) REG LEAD |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Days of observation: | 1) 32 | 2) 32 | 3) 32 |
| Period of record, From: | 1) 1/ 4/88 | 2) 1/ 4/88 | 3) 1/ 4/88 |
| To: | 1) 2/17/88 | 2) 2/17/88 | 3) 2/17/88 |

### LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS, no leak indicated

2) TANK-ID: 3 (UNLD PRM)
PASS, no leak indicated

3) TANK-ID: 2 (REG LEAD)
PASS, no leak indicated

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

### SYSTEMATIC TRENDS

#### (A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

3) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 3 (UNLD PRM)
No systematic delivery bias

3) TANK-ID: 2 (REG LEAD)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

3) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

(C) CONVERSION CHART ERROR

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Conversion chart possibly inaccurate

2) TANK-ID: 3 (UNLD PRM)
Significant conversion chart error
-0.9 (%): Percentage error (if significant)

3) TANK-ID: 2 (REG LEAD)
Significant conversion chart error
-2.6 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 3 (UNLD PRM)
No major dispensing meter inaccuracy

3) TANK-ID: 2 (REG LEAD)
No major dispensing meter inaccuracy

(E) WATER INFLOW

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 3 (UNLD PRM)
No indication of water inflow

3) TANK-ID: 2 (REG LEAD)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization

error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

3) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of record-keeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

3) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

(C) DAILY VARIABILITY

An important measure of the overall quality of record-keeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest quarter inch (1/4") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
11.0 (gallons): Variability, data as reported
10.1 (gallons): Variability, after PTIC corrections

2) TANK-ID: 3 (UNLD PRM)
Acceptable variability
13.0 (gallons): Variability, data as reported
13.0 (gallons): Variability, after PTIC corrections

3) TANK-ID: 2 (REG LEAD)
Acceptable variability
10.0 (gallons): Variability, data as reported
9.9 (gallons): Variability, after PTIC corrections

(D) NUMBER OF USABLE RECORDS

For PTIC to be effective, a sufficient number of daily inventory measurement records must be supplied. Large or unusual discrepancies will lead PTIC to drop some records from the statistical analysis. The number of usable records is rated as follows:

1) TANK-ID: 1 (UNLD REG)
Acceptable number
30.0 (days): Number of usable records

2) TANK-ID: 3 (UNLD PRM)
Acceptable number
31.0 (days): Number of usable records

3) TANK-ID: 2 (REG LEAD)
Acceptable number
31.0 (days): Number of usable records

19-3 4937

ENTROPY LIMITED
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

# REQUIRED REGISTRATION INFORMATION

Submit with PTIC - Monthly Tank Inventory forms)

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 2053

| | | | |
|---|---|---|---|
| Tank (1) | | (6) | |
| (2) | | (7) | |
| (3) | | (8) | |
| (4) | | (9) | |
| (5) | | (10) | |

(5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Harland E. Nickerson (Signature of tank owner) June 8, 1988 (Date)

DO NOT COMPLETE THE FOLLOWING

(6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

Carla Dingler (RE) (For ENTROPY LIMITED) 7/1/88 (Date)

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901



Reg # 2053
2/18/87

## ***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

Company: NICKERSON'S EXXON 4107
Facility location: 2053
678 BELMONT AVE
BELFAST, ME

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) 3 |
| Product: | 1) UNLD REG | 2) REG LEAD | 3) UNLD PRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Days of observation: | 1) 32 | 2) 32 | 3) 32 |
| Period of record, From: | 1) 10/ 1/86 | 2) 10/ 1/86 | 3) 10/ 1/86 |
| To: | 1) 11/20/86 | 2) 11/20/86 | 3) 11/20/86 |

### LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS, probably sound

2) TANK-ID: 2 (REG LEAD)
PASS, no leak indicated

3) TANK-ID: 3 (UNLD PRM)
PASS, no leak indicated

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

### SYSTEMATIC TRENDS

### (A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 (REG LEAD)
No systematic delivery bias

3) TANK-ID: 3 (UNLD PRM)

No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Conversion chart possibly inaccurate

2) TANK-ID: 2 (REG LEAD)
OK, conversion chart appears accurate

3) TANK-ID: 3 (UNLD PRM)
OK, conversion chart appears accurate

(D) DISPENSING METER ERROR

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 (REG LEAD)
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UNLD PRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 (REG LEAD)
No indication of water inflow

3) TANK-ID: 3 (UNLD PRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

(C) DAILY VARIABILITY

An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest quarter inch (1/4") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
14.0 (gallons): Variability, data as reported
12.2 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (REG LEAD)
Acceptable variability
13.0 (gallons): Variability, data as reported
13.2 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UNLD PRM)
Acceptable variability
13.0 (gallons): Variability, data as reported
13.0 (gallons): Variability, after PTIC corrections

(D) NUMBER OF USABLE RECORDS

For PTIC to be effective, a sufficient number of daily inventory measurement records must be supplied. Large or unusual discrepancies will lead PTIC to drop some records from the statistical analysis. The number of usable records is rated as follows:

1) TANK-ID: 1 (UNLD REG)
Acceptable number
30.0 (days): Number of usable records

2) TANK-ID: 2 (REG LEAD)
Acceptable number
32.0 (days): Number of usable records

3) TANK-ID: 3 (UNLD PRM)
Acceptable number
32.0 (days): Number of usable records

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with PTIC - Monthly Tank Inventory forms)

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility # 2053

Tank (1) _____ (6) _____

(2) _____ (7) _____

(3) _____ (8) _____

(4) _____ (9) _____

(5) _____ (10) _____

(5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Harland E. Nickerson (Signature of tank owner) Jan 20, 1987 (Date)

DO NOT COMPLETE THE FOLLOWING

(6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

Richard Elbert (For ENTROPY LIMITED) 2/5/87 (Date)

** ENTROPY LIMITED **
South Creat Road
Lincoln, MA 01773
(617) 259-8901



***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

Company: NICKERSON'S EXXON 4474
Facility location:
678 BELMONT AVENUE
BELFAST, ME 04915

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 | 3) 3 |
| Product: | 1) UNLD REG | 2) REG LEAD | 3) UNLD PRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Days of observation: | 1) 30 | 2) 30 | 3) 30 |
| Period of record, From: | 1) 5/ 1/87 | 2) 5/ 1/87 | 3) 5/ 1/87 |
| To: | 1) 6/12/87 | 2) 6/12/87 | 3) 6/12/87 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS, no leak indicated

2) TANK-ID: 2 (REG LEAD)
PASS, no leak indicated

3) TANK-ID: 3 (UNLD PRM)
PASS, no leak indicated

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
Systematic delivery bias present
0.5 (%): Delivery bias as a percent of thru-put

2) TANK-ID: 2 (REG LEAD)
No systematic delivery bias

3. TANK-ID: 3 (UNLD PRM)
Systematic delivery bias present
1.5 (%): Delivery bias as a percent of thru-put

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Conversion chart possibly inaccurate

2) TANK-ID: 2 (REG LEAD)
Significant conversion chart error
-1.1 (%): Percentage error (if significant)

3) TANK-ID: 3 (UNLD PRM)
Significant conversion chart error
0.5 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 (REG LEAD)
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UNLD PRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 (REG LEAD)
No indication of water inflow

3) TANK-ID: 3 (UNLD PRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close

attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of record-keeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 (REG LEAD)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

(C) DAILY VARIABILITY

An important measure of the overall quality of record-keeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest quarter inch (1/4") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
22.0 (gallons): Variability, data as reported
16.4 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 (REG LEAD)
Acceptable variability
12.0 (gallons): Variability, data as reported
12.5 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UNLD PRM)
Acceptable variability
21.0 (gallons): Variability, data as reported
10.7 (gallons): Variability, after PTIC corrections

(D) NUMBER OF USABLE RECORDS

For PTIC to be effective, a sufficient number of daily inventory measurement records must be supplied. Large or unusual discrepancies will lead PTIC to drop some records from the statistical analysis. The number of usable records is rated as follows:

1) TANK-ID: 1 (UNLD REG)
Acceptable number
29.0 (days): Number of usable records

2) TANK-ID: 2 (REG LEAD)
Acceptable number
29.0 (days): Number of usable records

3) TANK-ID: 3 (UNLD PRM)
Acceptable number
28.0 (days): Number of usable records

ENTROPY LIMITED
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-0801

## REQUIRED REGISTRATION INFORMATION

Submit with PTIC - Monthly Tank Inventory forms)

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 2053

| | | | |
|---|---|---|---|
| Tank (1) | UNLD REG | (6) | |
| (2) | REG LEAD | (7) | |
| (3) | UNLD PREM | (8) | |
| (4) | | (9) | |
| (5) | | (10) | |

(5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Harland E. Nickerson — (Signature of tank owner)

Sept 28 1987 — (Date)

DO NOT COMPLETE THE FOLLOWING

(6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

Entropy Limited Inc — (For ENTROPY LIMITED)

10/14/87 — (Date)

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 11/16/89 16:47:26

** ENTROPY LIMITED **

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

Company: NICKERSON'S EXXON 5684
Facility location: #4474 (#2053)
678 BELMONT AVENUE
BELFAST, ME

| | | | |
|---|---|---|---|
| Tank number: | 1) #1 | 2) #2 | 3) #3 |
| Product: | 1) UNLD REG | 2) UNLD PRM | 3) UNLD PRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Days of observation: | 1) 32 | 2) 32 | 3) 32 |
| Period of record, From: | 1) 8/ 1/89 | 2) 8/ 1/89 | 3) 8/ 1/89 |
| To: | 1) 9/19/89 | 2) 9/19/89 | 3) 9/19/89 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status has been determined to be the following:

1) TANK-ID: #1 (UNLD REG)
PASS, no leak indicated

2) TANK-ID: #2 (UNLD PRM)
PASS, no leak indicated

3) TANK-ID: #3 (UNLD PRM)
PASS, no leak indicated

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

*(A) DELIVERY-DAY DISCREPANCIES*

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: #1 (UNLD REG)

| | Date | Amount |
|---|---|---|
| | | NONE |

2) TANK-ID: #2 (UNLD PRM)

| | Date | Amount |
|---|---|---|
| | | NONE |

3) TANK-ID: #3 (UNLD PRM)

| | Date | Amount |
|---|---|---|
| 1 | 8/22/89 | 53. |
| Total | | 53. |

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: #1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: #2 (UNLD PRM)
No systematic delivery bias

3) TANK-ID: #3 (UNLD PRM)
No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: #1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: #2 (UNLD PRM)
Date Amount
NONE

3) TANK-ID: #3 (UNLD PRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: #1 (UNLD REG)
Significant conversion chart error
0.7 (%): Percentage error (if significant)

2) TANK-ID: #2 (UNLD PRM)
Significant conversion chart error
-2.7 (%): Percentage error (if significant)

3) TANK-ID: #3 (UNLD PRM)
Significant conversion chart error
-3.8 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: #1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: #2 (UNLD PRM)
No major dispensing meter inaccuracy

3) TANK-ID: #3 (UNLD PRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: #1 (UNLD REG)
No indication of water inflow

2) TANK-ID: #2 (UNLD PRM)
No indication of water inflow

3) TANK-ID: #3 (UNLD PRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close

attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: #1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: #2 (UNLD PRM)
Date Amount
NONE

3) TANK-ID: #3 (UNLD PRM)
Date Amount
NONE

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of record-keeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: #1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: #2 (UNLD PRM)
Date Amount
NONE

3) TANK-ID: #3 (UNLD PRM)
Date Amount
NONE

(C) DAILY VARIABILITY

An important measure of the overall quality of record-keeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest quarter inch (1/4") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: #1 (UNLD REG)
Acceptable variability
18.0 (gallons): Variability, data as reported
10.9 (gallons): Variability, after PTIC corrections

2) TANK-ID: #2 (UNLD PRM)
Acceptable variability
15.0 (gallons): Variability, data as reported
14.8 (gallons): Variability, after PTIC corrections

3) TANK-ID: #3 (UNLD PRM)
Acceptable variability
16.0 (gallons): Variability, data as reported
13.5 (gallons): Variability, after PTIC corrections

(D) NUMBER OF USABLE RECORDS

For PTIC to be effective, a sufficient number of daily inventory measurement records must be supplied. Large or unusual discrepancies will lead PTIC to drop some records from the statistical analysis. The number of usable records is rated as follows:

1) TANK-ID: #1 (UNLD REG)
Acceptable number
30.0 (days): Number of usable records

2) TANK-ID: #2 (UNLD PRM)
Acceptable number
31.0 (days): Number of usable records

3) TANK-ID: #3 (UNLD PRM)
Acceptable number
30.0 (days): Number of usable records

5684

3

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with PTIC - Monthly Tank Inventory forms)

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility 2053

| | | | |
|---|---|---|---|
| Tank (1) | | (6) | |
| (2) | | (7) | |
| (3) | | (8) | |
| (4) | | (9) | |
| (5) | | (10) | |

(5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Harland E. Nickerson (Signature of tank owner) — Nov 1, 1989 (Date)

DO NOT COMPLETE THE FOLLOWING

(6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

C. Pengelly (KC) (For ENTROPY LIMITED) — 11/16/89 (Date)

** ENTROPY LIMITED **
South Great Road
Lincoln, MA 01773
(617) 259-8901

PTIC (PRECISION TANK INVENTORY CONTROL) RUN AT 11/ 6/90 8:24:57

** ENTROPY LIMITED **

***** RESULTS OF PTIC STATISTICAL INVENTORY ANALYSIS *****

EL Job Number: 6086

Company: NICKERSON'S EXXON M 6086
Facility location: ~~#4474~~
678 BELMONT AVENUE
BELFAST, ME ME

#4053

| | | | |
|---|---|---|---|
| Tank number: | 1) 1 | 2) 2 PLUS | 3) 3 |
| Product: | 1) UNLD REG | 2) UNLD PRM | 3) UNLD PRM |
| Tank capacity (gal): | 1) 6000. | 2) 4000. | 3) 4000. |
| Days of observation: | 1) 32 | 2) 32 | 3) 32 |
| Period of record, From: | 1) 7/ 3/90 | 2) 7/ 3/90 | 3) 7/ 3/90 |
| To: | 1) 8/16/90 | 2) 8/16/90 | 3) 8/16/90 |

LEAK STATUS

Based on the inventory records supplied for the period of analysis, the leak status has been determined to be the following:

1) TANK-ID: 1 (UNLD REG)
PASS, no leak indicated

2) TANK-ID: 2 PLUS (UNLD PRM)
PASS, no leak indicated

3) TANK-ID: 3 (UNLD PRM)
PASS, no leak indicated

Before drawing any final conclusions regarding the integrity or lack of integrity, it is important to clarify the causes of the systematic trends observed in the data. These may include complicating factors such as delivery errors, unexplained losses and metering or conversion chart miscalibration. In addition, recordkeeping practices may affect leak detection ability. PTIC assesses such factors in the following sections. Being a statistical analysis, PTIC finds likely causes for discrepancies and promising areas for further investigation.

SYSTEMATIC TRENDS

(A) DELIVERY-DAY DISCREPANCIES

The actual product volumes delivered will from time to time differ from recorded amounts. Over-deliveries tend to conceal the presence of leaks while under-deliveries might falsely indicate leakage when none really exists. PTIC can spot significant over- or under-deliveries. By adjusting for this factor, PTIC more accurately assesses a tank's true leak status. A recurring pattern of delivery errors suggests one or more of the following causes: systematic overages or shortfalls in actual delivery, conversion chart error (see item C), shifting of product between tanks or confusion as to whether deliveries are specified in net or gross gallons. Isolated cases of delivery error may be due to an actual overage or shortfall, but may suggest a recordkeeping error. Days and amounts of major delivery-day discrepancies are noted below:

1) TANK-ID: 1 (UNLD REG)

| Date | Amount |
|---|---|
| | NONE |

2) TANK-ID: 2 PLUS (UNLD PRM)

| Date | Amount |
|---|---|
| | NONE |

3) TANK-ID: 3 (UNLD PRM)

| Date | Amount |
|---|---|
| 1 8/15/90 | 48. |
| Total | 48. |

The assessment of systematic trends for small over- or under-deliveries leads to the following conclusions:

1) TANK-ID: 1 (UNLD REG)
No systematic delivery bias

2) TANK-ID: 2 PLUS (UNLD PRM)
No systematic delivery bias

3) TANK-ID: 3 (UNLD PRM)
No systematic delivery bias

(B) UNEXPLAINED GAIN OR LOSS

A large one-time gain or loss that does not occur on a delivery day is sometimes detected in inventory records. While the cause may be merely a recordkeeping inaccuracy, the possibility exists that an unauthorized removal or addition of product has occurred. In some cases, tank water has been removed without noting this on the inventory records. Another possibility is that product theft has occurred. If an unexplained gain or loss is discovered by PTIC, it is important to track down its cause before drawing final conclusions about leak status. Significant unexplained gains or losses are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 PLUS (UNLD PRM)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

(C) CONVERSION CHART ERROR 6086

In performing dipstick measurement of stored product volume, it is necessary to convert from inch height to gallon volume by using a conversion chart. It is imperative that the correct conversion chart be used for each tank. Inaccuracy of the conversion chart may be produced by factors such as tank tilting or deformation or retrofitted devices within the tank. Serious conversion chart error can jeopardize PTIC results. The adequacy of the inch-to-gallon conversion is assessed below:

1) TANK-ID: 1 (UNLD REG)
Significant conversion chart error
1.9 (%): Percentage error (if significant)

2) TANK-ID: 2 PLUS (UNLD PRM)
Significant conversion chart error
-1.7 (%): Percentage error (if significant)

3) TANK-ID: 3 (UNLD PRM)
Significant conversion chart error
-2.2 (%): Percentage error (if significant)

(D) DISPENSING METER ERROR 6086

Inaccuracy of dispensing meters can lead to misappraisal of true sales totals. Sometimes, this inaccuracy may serve to conceal tank leakage or falsely indicate leaks when none exist. Before drawing final conclusions on leak status, tank owners should feel secure that all dispenser metering is within legal tolerances. If doubt exists, the accuracy can be readily established by testing with a 5 gallon proving can. Any pronounced trends in metering accuracy are noted below:

1) TANK-ID: 1 (UNLD REG)
No major dispensing meter inaccuracy

2) TANK-ID: 2 PLUS (UNLD PRM)
No major dispensing meter inaccuracy

3) TANK-ID: 3 (UNLD PRM)
No major dispensing meter inaccuracy

(E) WATER INFLOW 6086

In rare instances, PTIC will find evidence of a trend toward gains in product. One possible cause is water inflow, which may signal a loss of isolation between the tank and water table. This situation requires close scrutiny. Daily checks on the tank water level using a water finding paste on the dipstick are advisable. Other factors, such as dispensing meter error or unusual delivery temperatures, may also explain the apparent product gain. The propensity for systematic product gain (possible water inflow) is rated below:

1) TANK-ID: 1 (UNLD REG)
No indication of water inflow

2) TANK-ID: 2 PLUS (UNLD PRM)
No indication of water inflow

3) TANK-ID: 3 (UNLD PRM)
No indication of water inflow

QUALITY OF RECORDKEEPING

PTIC results ultimately reflect the quality of recordkeeping upon which the statistical analysis is based. Occasional errors in recordkeeping do occur and PTIC will recognize them and correct for them. However, consistently poor inventory measurement and recordkeeping will reduce the accuracy of the PTIC analysis and increase the chance of an inconclusive leak status. PTIC assesses the quality of recordkeeping. Tank owners or operators trying to keep close tabs on inventory will want to pay close

attention to PTIC's findings here. Findings are presented regarding bizarre discrepancies, dipstick or totalization error, daily variability and the number of usable records.

(A) BIZARRE DISCREPANCIES

From time to time, a recorded discrepancy in daily inventory is so large that some mistake in recordkeeping must be suspected as the most likely cause. Usually the problem is traced to a missing or misrecorded measurement of delivery, sales or storage. PTIC will drop these bizarre discrepancies from the data and correspondingly reduce the number of daily observations. The best way to avoid this kind of mistake is to reconcile inventory promptly. Then, measurements that appear wrong can be rechecked on the spot. The following bizarre discrepancies were noted:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 PLUS (UNLD PRM)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

(B) DIPSTICK OR TOTALIZATION ERROR

In the course of a month or several months of recordkeeping, it is common to find instances in which an apparent large loss is regained on the next day or vice versa. The cause of such discrepancies is usually a single, isolated misreading of dipstick gallonage or sales totalizers. PTIC finds significant errors of this kind. The days and amounts of these misreading errors are listed below:

1) TANK-ID: 1 (UNLD REG)
Date Amount
NONE

2) TANK-ID: 2 PLUS (UNLD PRM)
Date Amount
NONE

3) TANK-ID: 3 (UNLD PRM)
Date Amount
NONE

(C) DAILY VARIABILITY 6086

An important measure of the overall quality of recordkeeping is the variability in the daily discrepancy. Normally, the predominant factor that causes discrepancies is imprecision in daily dipsticking. Some degree of imprecision cannot be helped. But careful dipstick measurement to the nearest quarter inch (1/4") will go a long way towards reducing discrepancies. After compensating for thermal shrinkage and vapor loss, the daily variability in inventory discrepancy is:

1) TANK-ID: 1 (UNLD REG)
Acceptable variability
33.0 (gallons): Variability, data as reported
25.1 (gallons): Variability, after PTIC corrections

2) TANK-ID: 2 PLUS (UNLD PRM)
Acceptable variability
15.0 (gallons): Variability, data as reported
15.0 (gallons): Variability, after PTIC corrections

3) TANK-ID: 3 (UNLD PRM)
Acceptable variability
19.0 (gallons): Variability, data as reported
17.7 (gallons): Variability, after PTIC corrections

(D) NUMBER OF USABLE RECORDS 6086

For PTIC to be effective, a sufficient number of daily inventory measurement records must be supplied. Large or unusual discrepancies will lead PTIC to drop some records from the statistical analysis. The number of usable records is rated as follows:

1) TANK-ID: 1 (UNLD REG)
Acceptable number
30.0 (days): Number of usable records

2) TANK-ID: 2 PLUS (UNLD PRM)
Acceptable number
31.0 (days): Number of usable records

3) TANK-ID: 3 (UNLD PRM)
Acceptable number
30.0 (days): Number of usable records

**ENTROPY LIMITED**
Tank Integrity Analysis
SOUTH GREAT ROAD - LINCOLN, MA 01773 (617) 259-8901

## REQUIRED REGISTRATION INFORMATION

Submit with **PTIC** - Monthly Tank Inventory forms

Tank owners in the state of Maine need to fill out the following information for each facility analyzed. Please return it with the Monthly Tank Inventory forms.

1) Name of facility Nickerson's Exxon

2) Municipality in which the facility is located Belfast, Maine

3) Name of owner Harland E. Nickerson

4) Registration numbers assigned by the Dept. of Environmental Protection:

Facility Gasoline Station - 2053

Tank
(1) #1 Regular - 6000 (6) _____
(2) #2 Plus - 4000 (7) _____
(3) #3 Supreme - 4000 (8) _____
(4) _____ (9) _____
(5) _____ (10) _____

5) I certify that the information submitted for this statistical inventory analysis is true and accurate to the best of my knowledge.

Harland E Nickerson — Nov. 5, 1990
(Signature of tank owner) (Date)

DO NOT COMPLETE THE FOLLOWING

6) I certify that the results of this analysis are true and accurate to the best of my knowledge.

C. Dendas — 11/7/90
(For ENTROPY LIMITED) (Date)

Copy
UST File # 2053

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
Bureau of Hazardous Materials & Solid Waste Control
#17 State House Station
Augusta, Maine 04333-0017

## CATHODIC PROTECTION LOGSHEET

**UNDERGROUND OIL FACILITY REGISTRATION NUMBER** 2053

**FACILITY NAME:** Nickerson's Exxon
**LOCATION:** 678 Belmont Ave Belfast, ME 04915

**(THIS CATHODIC PROTECTION SYSTEM MUST BE TESTED YEARLY)**

| TANK SIZE | PRODUCT | TANK READINGS | PRODUCT PIPE READINGS | VENT PIPE READINGS |
|---|---|---|---|---|
| 6000 | No lead | 820 | Suction - Fiberglass | Galv. Pipe |
| 4000 | Supreme/d | 950 | " | " |
| 4000 | PLUS | 960 | " | " |
| | | | | |
| | | | | |

Arthur P. Gooldrup Sr. | Arthur P Gooldrup | June 10, 1995 | 013
**TESTER'S NAME (PRINT)** | **TESTER'S SIGNATURE** | **DATE** | **INSTALLER #**

### *REMINDERS*

1. TO FIND SOMEONE TO TEST YOUR CATHODIC PROTECTION SYSTEM CHECK WITH:

   THE INSTALLER WHO PUT THE TANK(S) AND PIPING IN;
   YOUR OIL/MOTOR FUEL SUPPLIER; OR,
   THE PHONE BOOK YELLOW PAGES UNDER TANKS.

2. ALWAYS SCHEDULE THE TESTING DURING THE RAINY SEASONS WHEN THE SOIL IS **NOT** FROZEN*.

3. YOUR TEST RESULTS SHOULD BE AT LEAST -0.85 VOLTS, (i.e. -0.86, -0.89, -0.91, ETC.). IF ANY PORTION OF YOUR SYSTEM (TANKS OR PIPING) RECEIVES FAILING TEST RESULTS, SEND A COPY OF THE LOGSHEET TO THE ADDRESS ABOVE. IF THE TEST WAS DONE IN DRY SOIL CONDITIONS, RESCHEDULE TESTING DURING THE NEXT RAINY SEASON*.

4. NOTIFY THE DEPARTMENT IN WRITING **BEFORE** HAVING YOUR CATHODIC PROTECTION SYSTEM REPAIRED OR REPLACED. DO NOT BEGIN REPAIR OR REPLACEMENT WORK UNTIL YOU HAVE RECEIVED WRITTEN APPROVAL FROM THE DEPARTMENT. ALL WORK ON UNDERGROUND TANKS AND PIPING MUST BE DONE BY A MAINE LICENSED UNDERGROUND TANK INSTALLER.

QUESTIONS?? CALL US AT: **(207) 287-2651** THE OIL ENFORCEMENT UNIT

CPLOGSHT/DMF/95

# MAINE DEPARTMENT OF ENVIRONMENT PROTECTION
# OIL & HAZARDOUS MATERIALS REPORT

## Spill Number: A-615-2002

**Report Status:** Final Report

**MCD Town:** BELFAST
**Local Name:** BELFAST
**Primary Responder:** GLEN WALL
**Primary Product:** #2 Fuel Oil {02} - 5 gals. ESTIMATE
**Subject/Owner:** BOYNTON OIL COMPANY -JOHN BOYNTON-

## I. EVENT

### Spill Info

Type: Oil Incident {O}
Source: Storage Unit - Aboveground Storage Tank {TA}
Cause: Mechanical Failure - Valve {07}

### Spill Date/Time

Date and Time Unknown

### Reporter Type/Detection Method

Type: DEP Personnel {1}
Method: Visual Product {L}

### Reported Date/Time

10/10/2002 14:03

### Subject/Owner (Potential Responsible Party)

Contact: JOHN BOYNTON--BOYNTON OIL COMPANY
ROUTE 3
BELFAST ME USA
207
Comment:

### Reporter

Contact: GLEN WALL-OHMS 1-ENVIRONMENTAL PROTECTION, ME DEPT OF
17 STATE HOUSE STATION
AUGUSTA ME 04333-0017 USA
207-287-7800
Comment: discovered fuel oil dripping from several valves at Boynton Oil Company's Bulk Plant

### Primary Responder and Other Employees

GLEN WALL (Primary Responder)

**No Further Response Action Expected**

## II. SITE

### Location

Location Type: Terminal - Bulk Plant {BP}
Name: BOYNTON OIL
Street Address: RT 3
MCD Town: BELFAST
Local Name: BELFAST
State/Province: ME

### Spill Point

UTM North
UTM East

### Wells and Media Affected

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

### Tanks Involved

Above Ground Tank(s) Involved-Tank Outside

## III. CLEANUP

### Product Reported

#2 Fuel Oil {02}

### Cleanup DTREE

### Products Found/Amount Spilled

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

### Material Recovered

None {NO} - 0 gals. ESTIMATE

### Recovery/Treatment Method

None {K}

### Disposal Information

## IV. NARRATIVE

While in Belfast on another case, I stopped in at the Boynton Oil Company's Bulk Plant. Without leaving the cab of my state issued Dodge Ram, I was able to detect a leak from the valves at this Bulk Plant. I called Boynton Oil and John Boynton arrived shortly thereafter. He tightened the packing nut on several valves and stopped most of the leaks. He told me the he would have the valves repacked soon. The oil drips all occurred inside the dike and the wooden walkway is heavily stained. None of the oil reached the ground surface. No further action will be required.

## V. ATTACHMENTS

| Attachment Type | Description | File Name |
|---|---|---|

# MAINE DEPARTMENT OF ENVIRONMENT PROTECTION
# OIL & HAZARDOUS MATERIALS REPORT

**Spill Number:** A-576-2002

**Report Status:** Final Report

**MCD Town:** BELFAST
**Local Name:** BELFAST
**Primary Responder:** GLEN WALL
**Primary Product:** Gasoline Unspecified {20} - 5 gals. ESTIMATE
**Subject/Owner:** -THOMAS AUGER-

## I. EVENT

### Spill Info

Type: Oil Incident {O}
Source: Storage Unit - Underground Storage Tank {TU}
Cause: Other - Unknown {18}

### Spill Date/Time

Date and Time Unknown

### Reporter Type/Detection Method

Type: Contractor/Consultant {6}
Method: Tank and/or Piping Removal {J}

### Reported Date/Time

09/20/2002 09:00

### Subject/Owner (Potential Responsible Party)

Contact: THOMAS AUGER--
319 RIDGE RD
WALES ME 04280 USA
207

Comment: Mr. Auger recently bought this property, he bought the property before the UST's were removed.

### Reporter

Contact: MICHAEL J. WHITE-CERTIFIED GEOLOGIST-
7 WEBSTER RD
NEW SHARON ME 04955 USA
207-778-4846

Comment:

### Primary Responder and Other Employees

GLEN WALL (Primary Responder)

**No Further Response Action Expected**

## II. SITE

### Location

Location Type: Terminal - Service Station {SS}
Name: NICKERSONS EXXON
Street Address: 25 BELMONT AVE
MCD Town: BELFAST
Local Name: BELFAST
State/Province: ME

### Spill Point

UTM North
UTM East

### Wells and Media Affected

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

### Tanks Involved

Underground Tank | Site #2053

## III. CLEANUP

**Product Reported**

Gasoline Unspecified {20}

**Cleanup DTREE**

Baseline Two

**Products Found/Amount Spilled**

Gasoline Unspecified {20}/ - 5 gals. ESTIMATE (Primary Product)

**Material Recovered**

None {NO} - 0 gals. ACTUAL

**Recovery/Treatment Method**

None {K}

**Disposal Information**

none

## IV. NARRATIVE

On 9-20-2002, Mike White called this office to report the finding of petroleum contamination at an underground tank removal. This removal occurred at the service station known as Nickerson's Exxon. This site has been vacant for several years. The new owner, Mr. Auger, bought the property without requiring the previous owner, Mr. Harold Nickerson to remove the UST's. The site is located in Belfast on the north side of Route 3, adjacent to Boynton Oil Company's bulk fuel plant.

There were several hot spots at this site, see attached site assessment. No soil removal was required based solely on the fact that city water serves this area. The new owner did not have any solid ideas for the future of this site. During discussion with the new owner I made it very clear that if he constructed a new building that he should avoid building a full basement. Residual petroleum may cause a vapor or odor problem in a full basement.

In conclusion, three underground tanks were removed from the vacant "Nickerson's Exxon" in Belfast Maine. No soil was removed and a site assessment was written by Mike White. The contractor who actually removed the UST's was Leonard Carr of L.C.'s Tank Installation & Repair Service, Inc.

## V. ATTACHMENTS

| Attachment Type | Description | File Name |
|---|---|---|
| Electronic Form | Cleanup DTREE | |
| Paper Attach | DEP Hydrocarbon Decision Tree | |
| Paper Attach | Underground Storage Tank Removal Site Assessment | |

USE this one

**DEP HYDROCARBON SPILL DECISION TREE (March 2000)** Spill No. A 576 02

Investigator: Glen Wall Date: 9 20 02

Site Name, Address: Nickerson's Garage Rt. 3 Belfast Town: Belfast

| Please circle your responses: | If "Yes" Go To | If "No" Go To |
|---|---|---|
| 1. 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) |
| 2. Is the leak or discharge site located in or over a **sand and gravel** deposit? | 2A | (3) |
| 2A. Is the entire area, within a 2000 foot radius of the leak or discharge site, a **non-attainment zone?** | 2B | 12 |
| 2B. Is there potential for **vapor problems** within buildings or for a confined space fire or explosion hazard? | 13 | 11A |
| 3. Was the release directly into **bedrock** or is the bedrock groundwater system contaminated? | 9 | (4) |
| 4. Was the release directly into a **glacial till** deposit? | (9) | 5 |
| 5. Was the release into a **silt or clay** deposit? | 6 | N/A |
| 6. 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 |
| 7. Are the area's **gradients** approximately horizontal (topographic gradient flat or groundwater gradient <1%)? | 8 | 9 |
| 8. 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 |
| 9. 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) | 12 |
| 10. Is there potential for **vapor problems** within buildings or for a confined space explosion hazard? | 13 | (11) |
| 11. Is the entire area, within a 2000 foot radius of the leak or discharge site, a **non-attainment zone**? | (11A) | 13 |
| 11A. 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.

X 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:**

After decision on site were made, one well was located in the area, decision still stand @ BL2 GW

**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.**

DTR295.DOC

# UNDERGROUND STORAGE TANK REMOVAL SITE ASSESSMENT

**Knickerson's Exxon**
**25 Belmont Avenue**
**Belfast, Maine**

**Owner:** **Thomas Auger**
**319 Ridge Road**
**Wales, Maine 04280**

**Former Operator:** **Harold Nickerson**
**25 Belmont Avenue**
**Belfast, Maine 04915**

**DEP Registration #:** **2053**
**DEP Spill #:** **A-576-2002**

**Latitude:** **44°25'23"N**
**Longitude:** **69°01'42"W**

**Licensed Remover:** **Leonard Carr**
**L.C.'s Tank Installation & Repair Service, Inc.**

**Removal Date:** **September 20, 2002**

**Petroleum Contamination:** **Yes**

**Report by:**

**Michael J. White, C.G.**
**October 15, 2002**

**Michael J. White, C.G.**
*7 Webster Road*
*New Sharon, Maine 04955*
*Phone & Fax: (207) 778-4846*

October 15, 2002

Leonard Carr
L.C.'s Tank Installation & Repair Service, Inc.
P.O. Box 168
Athens, Maine 04912

**Underground Storage Tank Removal**
**Site Assessment**

Dear Leonard:

This letter serves as a summary for the underground storage tank removal performed at Nickerson's Exxon on Belmont Avenue in Belfast, Maine.

1. A 6,000-gallon and two 4,000-gallon underground storage tanks containing gasoline were removed from the site on September 20, 2002. The cathodically protected single-wall steel tanks were installed in 1984 and have been reportedly out of service since 1998. Primary piping was constructed of single-wall fiberglass with Total Containment secondary piping enclosing all elbows and joints. The tanks and piping were in excellent condition with no oxidation or holes observed.

2. Site soils consist of approximately 2 feet of tan to brown colored sand and gravel fill overlying glacial marine silt and clay of the Presumpscot Formation. Petroleum contaminated soils with PID concentrations greater than 10,000 ppm were detected in soils below the bases of the south ends of the 4,000-gallon tanks and in soil immediately beneath the west most dispenser pump. PID concentrations of soil samples collected from four test pits excavated south of the tanks and in the vicinity of the dispenser pump island were generally 1,400 ppm or less. Groundwater with a petroleum sheen was observed at a depth of approximately 9 feet below ground surface in the tank excavation. No free floating product was observed

3. The source of petroleum contamination discovered at the site appears to be a combination of spills from the older UST system replaced in 1984, and recent spills from beneath the west dispenser pump and possibly the south end of one of the 4,000-gallon gas tanks.

4. The DEP was notified of the spill and Glen Wall of Response Services investigated. A Baseline-2 Clean-up goal was established for the site based on the DEP Hydrocarbon Spill Decision Tree (attached). Based on the isolated locations of soil contamination greater than 1,000 ppm by PID, DEP staff required no site remediation at the time of the

tank removal. However, remediation of contaminated soil and/or groundwater will be necessary if future development of the site disturbs existing contamination

5. During background research of the site performed after the tank removal it was discovered that a drilled well supplies water to the Catherine Nickerson residence located approximately 400 feet northeast of the site on Lot #16D, Belfast Tax Map #5. This site appears to have been developed in 1998 and is the only location in the area not supplied by public water.

6. Based on the findings of this investigation, we recommend the Catherine Nickerson drilled well be sampled and analyzed for Gasoline Range Organics, MTBE, and BETX compounds (benzene, ethylbenzene, toluene, and total xylenes). If analytical results indicate the well is clean, we recommend no further remedial action is necessary at the site unless future development disturbs existing contamination.

If you have any questions, please feel free to call.

Sincerely,

Michael J. White

Michael J. White
Maine Certified Geologist #407

STATE OF MAINE
MICHAEL J. WHITE
#407
CERTIFIED
GEOLOGIST

Cc: UST Program Administrator
Glen Wall
Thomas Auger
Town of Belfast

phone call from Mike White, this well is not in use, the Nickersons have been connected to city H2O Glen Wall 12/02

## INTRODUCTION

Nickerson's Exxon is located at 25 Belmont Avenue in Belfast, Maine (Figure 1). The property is located in a commercial area and is identified as Lot #16B on Belfast Tax Map #5 (Figure 2). Municipal water and sewer extend along Belmont Avenue in the vicinity of the site and surrounding area.

The site was developed as a service station in 1956 with petroleum underground storage tanks (USTs) installed at that time. The first set of tanks were replaced in 1984 with the three tanks and associated buried piping removed during this investigation, which were registered with Department of Environmental Protection (DEP Registration #2053). The USTs located southeast of the garage supplied product to three dispenser pumps located on a concrete pump island between the garage and Belmont Avenue (Figure 3).

The property was acquired earlier in the month of September 2002 by Thomas Auger.

## METHODS

The following methods/techniques were used during this investigation.

### Tank Removal

The tanks and piping were removed by L.C.'s Tank Installation & Repair Service, Inc. of Athens, Maine on September 20, 2002. Leonard Carr was the licensed tank installer whom oversaw the removal.

### Soil Gas Monitoring

A MSA Passport II Photoionization Detector (PID) was used to monitor soil gas concentrations at the site. The PID was calibrated prior to use with isobutylene span gas at a concentration of 100 ppm with a response factor of 1. Soil gas measurements are reported according to DEP set points for the instrument ($Conc._{Set\ Point}$=$Conc._{Isobutylene}$ X 2.1).

Soil samples were collected and placed quickly into ziplock bags and allowed to equilibrate. The bags were then shaken, the tip of the PID inserted in the bag, and the peak measurement recorded.

## FINDINGS

A 6,000-gallon (T-1) and two 4,000-gallon (T-2,T-3) gasoline USTs located southeast of the garage were removed during this investigation (Figure 3). They were cathodically protected single-wall steel tanks reportedly out of service since 1998. Primary piping was constructed of single-wall fiberglass with Total Containment secondary piping enclosing all elbows and joints. Each of the gasoline USTs were in excellent condition with no oxidation or holes observed.

Buried fiberglass piping appeared to be in excellent condition with no holes observed. The tanks were set on and anchored to underlying concrete slabs.

Site soils consist of approximately 2 feet of tan to brown colored sand and gravel fill overlying glacial marine silt and clay of the Presumpscot Formation that was light brown in color.

Table 1 summarizes PID measurements of soil samples collected during this investigation. Soils were clean around the 6,000-gallon tank T-1. Petroleum contaminated soils with PID concentrations greater than 10,000 ppm were detected in soils below the bases of the south ends of the 4,000-gallon tanks (T-2 and T-3) and in soil immediately beneath the west most dispenser pump (Table 1).

DEP staff was notified of the spill, and Glen Wahl of Response Services investigated. A series of four test pits were excavated at locations shown on Figure 4. Peak PID concentrations in each of the test pits and selected PID concentrations of soil samples from around the tanks and piping are also shown in the Figure. Concentrations were generally 1,400 ppm or less and the silt and clay of the Presumpscot Formation was discolored to a bluish-gray color from the contamination.

Groundwater with a petroleum sheen was observed at a depth of approximately 9 feet below ground surface in the tank excavation. No free floating product was observed.

A Baseline-2 Clean-up Goal was established for the site based on the DEP Hydrocarbon Spill Decision Tree (attached). Based on the isolated locations of contaminated soil with excessively high PID concentrations (greater than 1,000 ppm) DEP staff required no site remediation at the time of the tank removal. However, remediation of contaminated soil and/or groundwater will be necessary if future development of the site disturbs existing contamination.

## DISCUSSION

The source of high levels of petroleum contamination evident in soils in the vicinity of the south ends of tanks T-2 and T-3 (Figure 4) is not clear. It is not from an old spill based on the high PID concentrations detected. Nor does the contamination appear due to overfills or leaky piping because shallow soils in the vicinity of the fill pipes and piping was clean. The spill does not appear to have been from a continuing source since the contamination appeared restricted to a relatively small area. The USTs appeared structurally sound, however the evidence seems to indicate the tanks as being the potential source.

The petroleum contamination discovered in the test pits south of the UST location and in the vicinity of the pump island appear to be from older releases from the previous tank system removed in 1984. Contaminated soil at these locations had the distinct odor of weathered gasoline, with lower PID concentrations in the 1,400 ppm range (Figure 4). It appears that the west dispenser pump was a source of recent petroleum release because of higher PID

concentrations, in excess of 5,700 ppm collected at a depth of 4.5 feet beneath the pump (Sample #48, Table 1).

During background research of the site performed after the tank removal it was discovered that a drilled well supplies water to the Catherine Nickerson residence located approximately 400 feet northeast of the site on Lot #16D, Belfast Tax Map #5 (Figure 2). This lot appears to have been developed in 1998 and is the only location in the area not supplied by public water.

## CONCLUSIONS & RECOMMENDATIONS

Petroleum contamination at the site does not appear to pose a vapor hazard or threat to human health. We recommend the drilled well supplying water to the Catherine Nickerson residence located approximately 400 feet northeast of the site be sampled and analyzed for Gasoline Range Organics, MTBE, and BETX compounds (benzene, ethylbenzene, toluene, and total xylenes) to confirm it has not been impacted from spills at the site. If analytical results indicate the well is clean, we recommend no further remedial action is necessary unless future development of the site disturbs existing contamination.

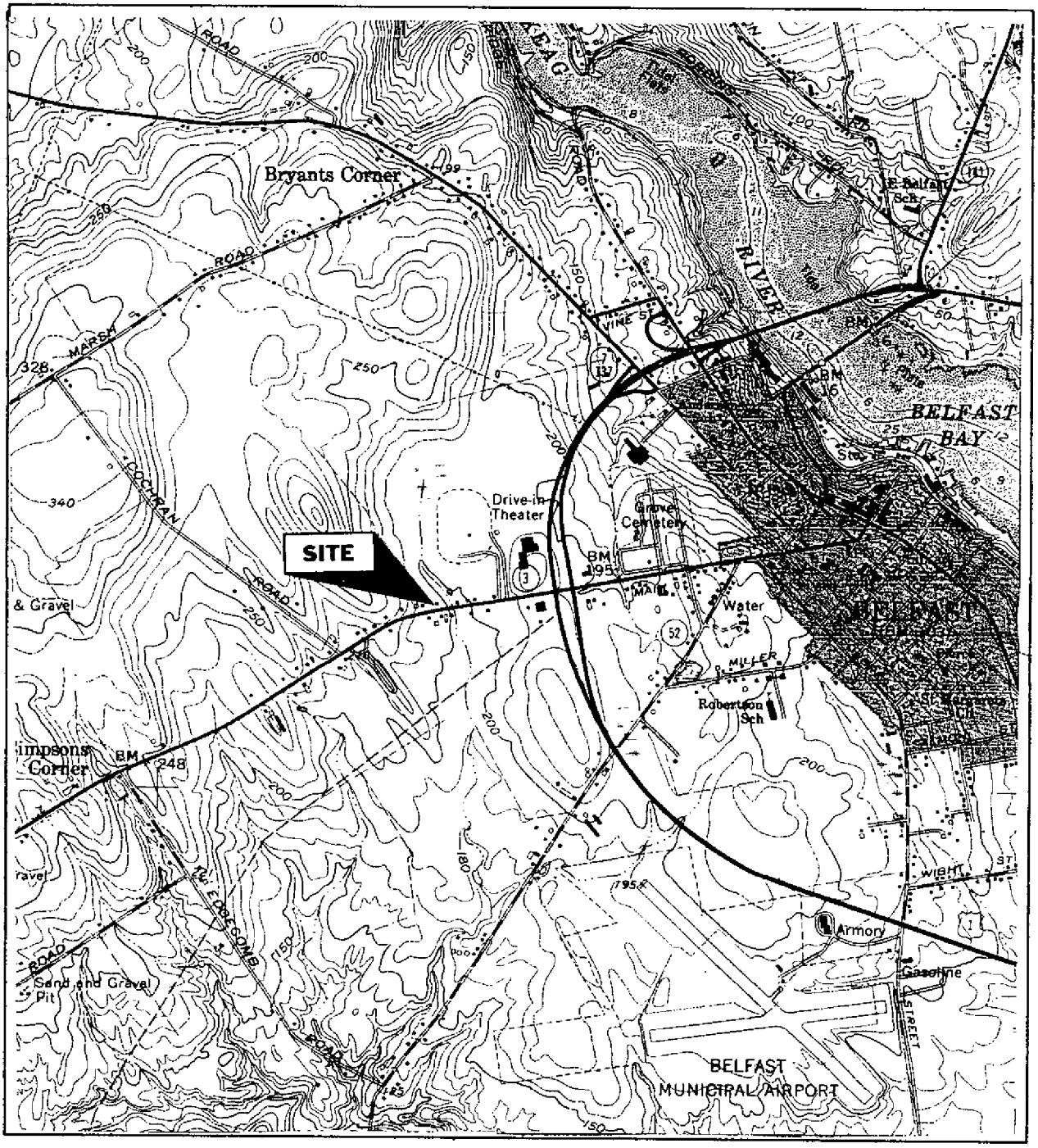
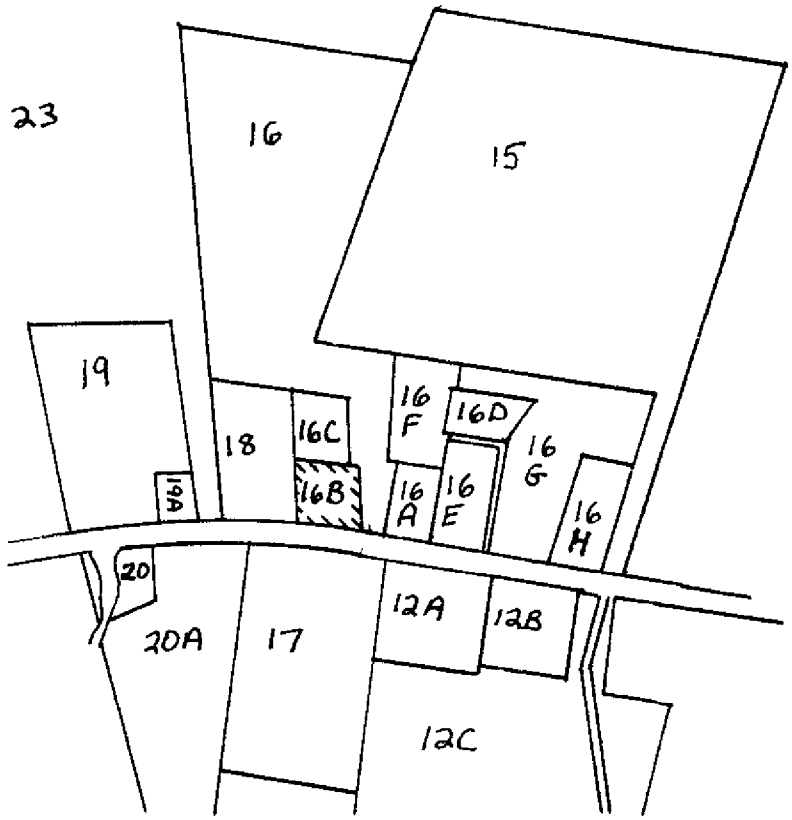


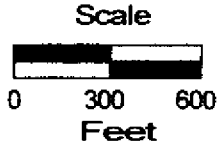

Figure 1. Site Location Map
Nickerson's Exxon
25 Belmont Avenue
Belfast, Maine

Source: USGS Topographic Map
Belfast, ME
7.5' Quadrangle
1973



| | | |
|---|---|---|
| 12A | Dead River Company | Store, UST Facility |
| 12B | Charles Springer | Vacant Lot |
| 12C | MBNA Properties | Offices |
| 15 | BraceBridge Corp. | Vacant Lot |
| 16A | Harland Nickerson | Residence |
| 16B | Thomas Auger | Site |
| 16C | Boynton Oil Inc. | Fuel Oil Bulk Plant |
| 16D | Catherine Nickerson | Residence |
| 16E | Ellery Bouchard | Dairy Queen |
| 16F | Harland Nickerson | Wetland |
| 16G | Blackstone Properties LLC | Vacant Lot |
| 16H | New England Pizza LLC | Pizza Hut |
| 17 | Ellsworth Falls Lumber Co. | Hardware/Lumber Store |
| 18 | Joan Stewart | Residence |
| 19 | BraceBridge Corp. | Vacant Lot |
| 19A | BraceBridge Corp. | Vacant Lot |
| 20 | BraceBridge Corp. | Vacant Lot |
| 20A | BraceBridge Corp. | Vacant Lot |
| 23 | BraceBridge Corp. | Vacant Lot |

# Figure 2. Portion of Tax Map #5
# Nickerson's Exxon
# 25 Belmont Avenue
# Belfast, Maine



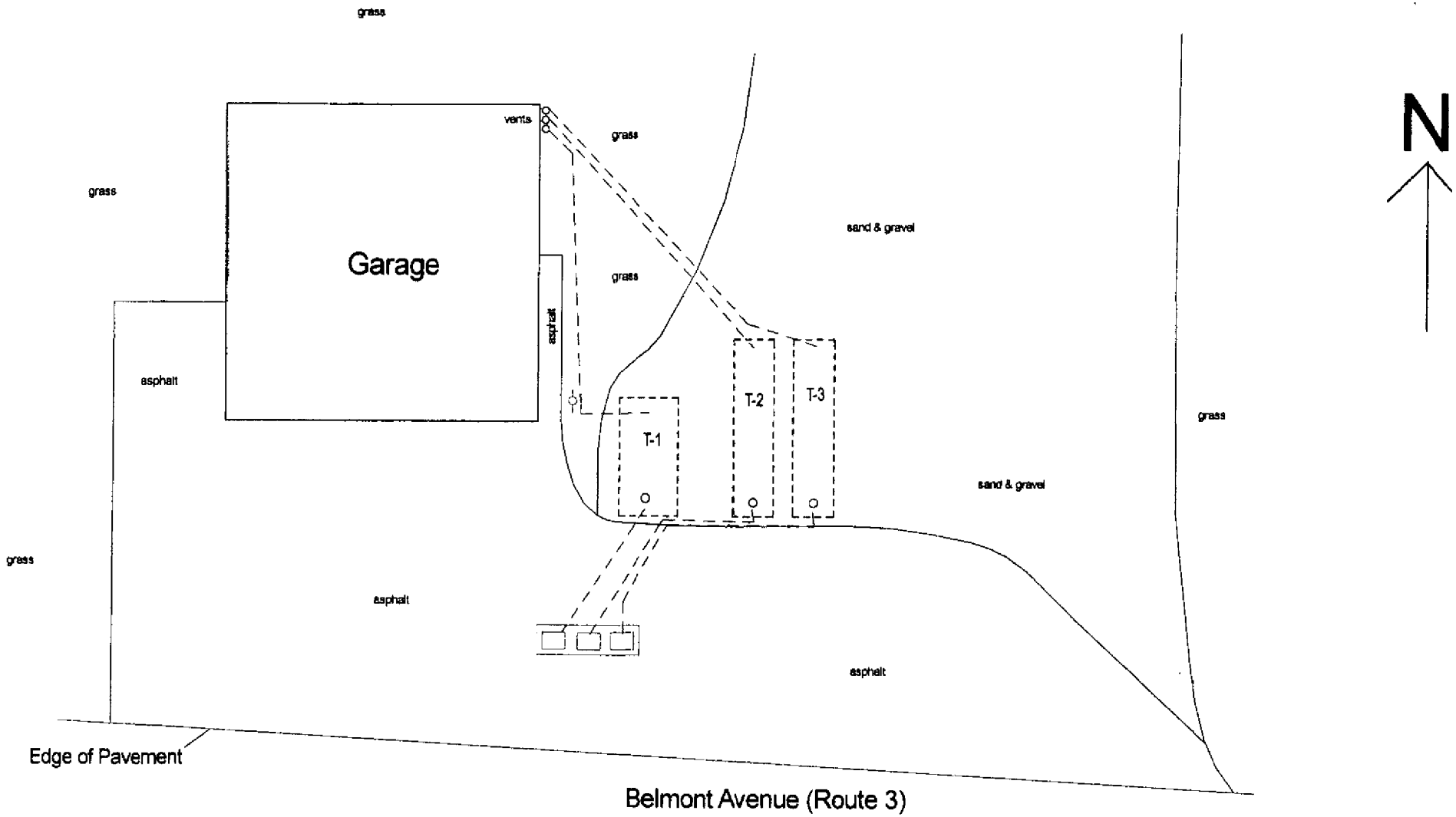



Figure 3. Site Map
Nickerson's Exxon
25 Belmont Avenue
Belmont, Maine

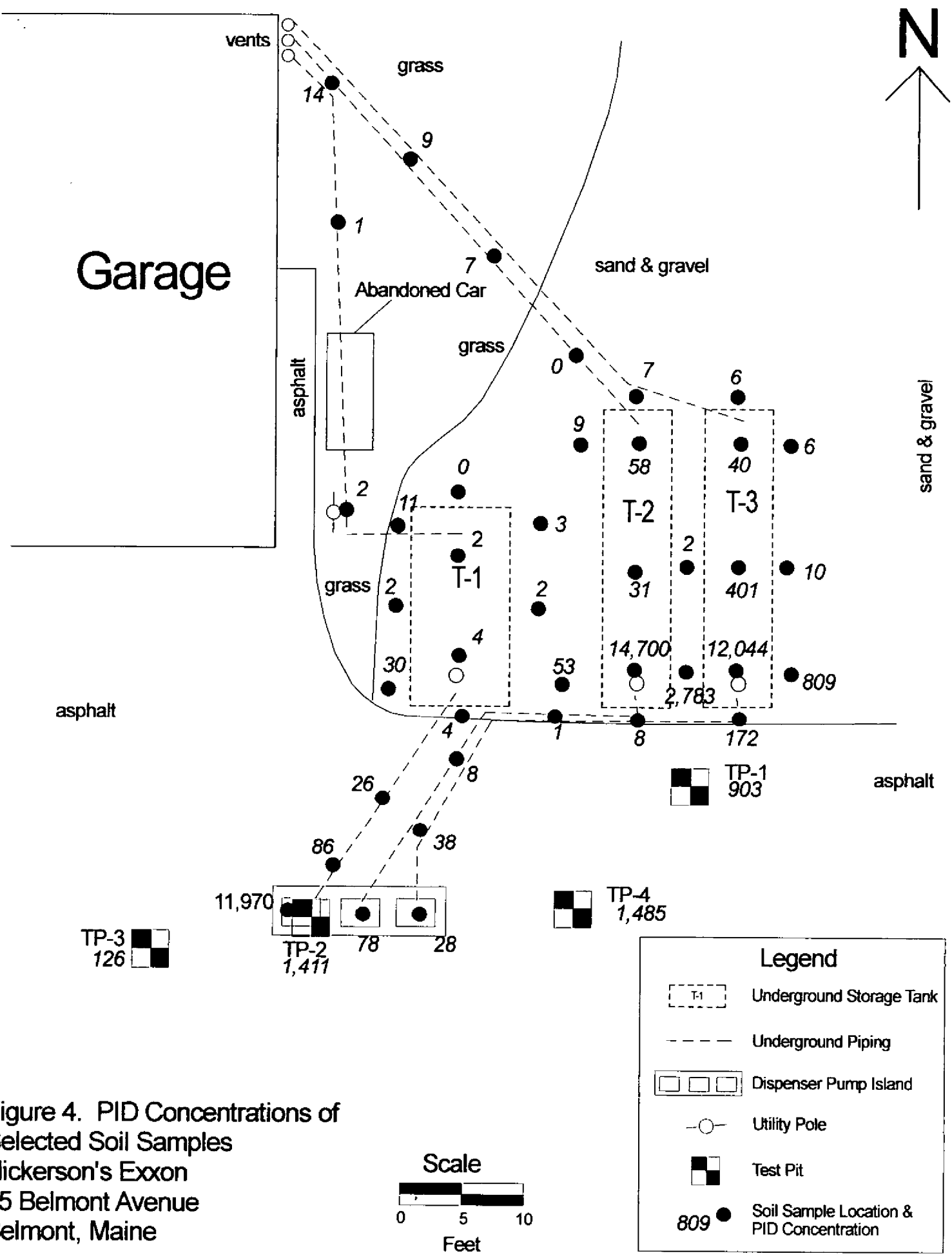



Figure 4. PID Concentrations of Selected Soil Samples
Nickerson's Exxon
25 Belmont Avenue
Belmont, Maine

**Table 1. Soil Gas Measurements**
**Nickerson's Garage**
**25 Main Street**
**Belfast, Maine**

| | |
|---|---|
| **N** | North |
| **S** | South |
| **E** | East |
| **W** | West |
| **PI** | Pump Island |

* Refer to Figure 4 for selected sample locations

| Date | Sample # | Depth (feet) | PID Conc. (set point) | Location |
|---|---|---|---|---|
| 9/20/02 | 1 | 3-3.5 | 2 | FP S end T-1 |
| | 2 | 3-3.5 | 4 | Top S end T-1, under piping |
| | 3 | 6 | 0 | N end T-1 |
| | 4 | 8-9 | 2 | E side, middle T-1 |
| | 5 | 1-2 | 1 | FP T-1 |
| | 6 | 1-2 | 0 | FP T-2 |
| | 7 | 1-2 | 1 | FP T-3 |
| | 8 | 5 | 2 | Middle T-1, W side |
| | 9 | 12-12.5 | 2 | Below baseT-1, N portion |
| | 10 | 12-12.5 | 4 | Below baseT-1, S portion |
| | 11 | 3-4 | 5 | Between T-2, T-3, S end |
| | 12 | 5-5.5 | 2 | Between T-2, T-3, middle |
| | 13 | 9 | 3 | Between T-1, T-2, N end |
| | 14 | 3.5 | 5 | FP T-3 |
| | 15 | 3.5 | 11 | FP T-2 |
| | 16 | 3.5 | 4 | Top T-2, N end |
| | 17 | 3.5 | 1 | Under piping between T-1, T-2, S end |
| | 18 | 9-10 | 4 | Between T-1, T-2, N end, wet |
| | 19 | 3.5 | 7 | Top N end T-2, under vent line |
| | 20 | 6-7 | 7 | N end T-2 |
| | 21 | 3.5 | 0 | Under vent line 5'NW of T-2 |
| | 22 | 10 | 58 | Below base T-2, N end |
| | 23 | 10 | 31 | Below base T-2, middle |
| | 24 | 10 | 14700 | Below base T-2, S end |
| | 25 | 7-8 | 2783 | Between T-2, T-3, S end |
| | 26 | 7-8 | 53 | Between T-1, T-2, S end |
| | 27 | 4.5-5 | 6 | E side, N end T-3 |
| | 28 | 6 | 6 | N end T-3 |
| | 29 | 3.5 | 11 | Top T-3, N end, under vent |
| | 30 | 3.5 | 8 | Under piping S end T-2 |
| | 31 | 4.5-5 | 10 | E side, middle T-3 |
| | 32 | 4 | 9 | E side, N end T-3 |

| Date | Sample # | Depth (feet) | PID Conc. (set point) | Location |
|---|---|---|---|---|
| 9/20/02 | 33 | 10 | 40 | Below base T-3, N end |
| | 34 | 10 | 401 | Below base T-3, middle |
| | 35 | 10 | 12044 | Below base T-3, S end |
| | 36 | 8-9 | 809 | E side, S end T-3 |
| | 37 | <1 | 11970 | Under PI, W pump |
| | 38 | <1 | 78 | Under PI, middle pump |
| | 39 | <1 | 28 | Under PI, E pump |
| | 40 | 3 | 21 | Under piping, midway between PI and Bldg. |
| | 41 | 2.5-3 | 11 | W side, N end T-1 |
| | 42 | 3.5 | 30 | W side, S end T-1 |
| | 43 | 2.5 | 86 | Peastone, 4'N of W pump |
| | 44 | 2.5-3 | 26 | Under piping, 7'N of W pump |
| | 45 | 2.5 | 38 | Under piping, 7'N of E pump |
| | 46 | 3 | 8 | Under piping 5'S of tank hole |
| | 47 | 3 | 187 | Under PI, W pump |
| | 48 | 4.5 | 5783 | Under PI, W pump |
| | 49 | 6-6.5 | 172 | S end T-3 |
| | 50 | 5 | 18 | TP-1, 5-6'S of T-2, T-3, sand |
| | 51 | 6-6.5 | 21 | TP-1, 5-6'S of T-2, T-3, sand |
| | 52 | 7 | 13 | TP-1, 5-6'S of T-2, T-3, sand |
| | 53 | 7.5-8 | 105 | TP-1, 5-6'S of T-2, T-3, sand |
| | 54 | 10 | 351 | TP-1, 5-6'S of T-2, T-3, sand |
| | 55 | 11 | 903 | TP-1, 5-6'S of T-2, T-3, clay |
| | 56 | 5.5 | 1411 | TP-2, Under W-middle pump, clay |
| | 57 | 6 | 1212 | TP-2, Under W-middle pump, clay |
| | 58 | 8 | 848 | TP-2, Under W-middle pump, clay |
| | 59 | 8 | 1443 | TP-2, Under W-middle pump, E wall, clay |
| | 60 | 1.5 | 14 | TP-3, 10'WSW of W pump, sand |
| | 61 | 3.5-4 | 126 | TP-3, 10'WSW of W pump, clay |
| | 62 | 5 | 21 | TP-3, 10'WSW of W pump, clay |
| | 63 | 6 | 15 | TP-3, 10'WSW of W pump, clay |
| | 64 | 8 | 42 | TP-3, 10'WSW of W pump, clay |
| | 65 | 1.5 | 0 | TP-4, 10'E of N end PI, sand |
| | 66 | 4.5 | 1182 | TP-4, 10'E of N end PI, clay |
| | 67 | 6 | 1485 | TP-4, 10'E of N end PI, clay |
| | 68 | 8 | 1386 | TP-4, 10'E of N end PI, clay |
| | 69 | 3 | 4 | Under vent lines, 8'NW T-2, T-3 |
| | 70 | 3 | 7 | Under vent lines T-2, T-3, ~ middle bldg. |
| | 71 | 2.5 | 4 | Under vent lines N 1/3 bldg., 15-20'E |
| | 72 | 2 | 9 | Under vent lines 10'E of bldg. |
| | 73 | 1 | 14 | Under vent lines 5'E of bldg. |
| | 74 | 3 | 2 | Under vent lines by utility pole |
| | 75 | 1.5 | 1 | Under vent lines, middle bldg., 5'E |

*Date of Certificate:*

September 04, 2002

# STATE OF MAINE
# DEPARTMENT OF ENVIRONMENTAL PROTECTION

**FACILITY REGISTRATION CERTIFICATE**
**FOR**
**Below Ground Storage Tanks**

Please display this certificate in a visible location at the registered facility.

*Facility:*

NICKERSONS EXXON
25 BELMONT AVE
BELFAST

*Facility Registration Number:* 2053
*Date of Registration:* July 07, 1986
*Facility Phone Number* (207) 338-3264

---

*Operator:* NICKERSON, HARLAND
*Contact:*

25 BELMONT AVE
BELFAST
ME 04915

(207) 338-3264

*Owner:* NICKERSON, HARLAND
*Contact:*

25 BELMONT AVE
BELFAST
ME 04915

(207) 338-3264

*Sensitive Area Status:*

None

*Facility Use:*

Retail Oil Dist.

*Number of Active Tanks:* 3

---

**IF THE INFORMATION ON THIS FORM IS ACCURATE AND**

The Maine Department of Environmental Protection must be notified of any errors or changes in the information on this form. To accomplish this, please draw a line through the incorrect or outdated information, insert the correct information, and return this form to:

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**BUREAU OF OIL AND HAZARDOUS MATERIALS**
**CONTROL**
**STATE HOUSE STATION # 17**

If you have any questions concerning this process, please call (207) 287-2651 and ask for the administrator of the Underground Storage

# INDIVIDUAL TANK DATA
# FOR
# SITE NUMBER:
# 2053

| -Chamber | Tank Type | Tank Size | Tank | Product Stored | Piping Type | Pipe | Date Installed | Tank | Tank Status Date |
|---|---|---|---|---|---|---|---|---|---|
| 1-1 | Steel with cathodic protection. | 6000 | Sia Statistical Inventory | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Planned For Removal | 08/29/02 |
| 2-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory | Unleaded Gasoline | Flexible double-walled | Conforming Suction System | 9/1/84 | Planned For Removal | 08/29/02 |
| 3-1 | Steel with cathodic protection. | 4000 | Sia Statistical Inventory | Premium Unleaded | Flexible double-walled | Conforming Suction System | 9/1/84 | Planned For Removal | 08/29/02 |

**DEP HYDROCARBON SPILL DECISION TREE (March 2000)** Spill No. A 576 02

Investigator: Glen Wall Date: 9 20 02

Site Name, Address: Nickerson's Garage Town: Belfast

Rt. 3 Belfast

| Please circle your responses: | If "Yes" Go To | If "No" Go To |
|---|---|---|
| 1. 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) |
| 2. Is the leak or discharge site located in or over a **sand and gravel** deposit? | 2A | (3) |
| 2A. Is the entire area, within a 2000 foot radius of the leak or discharge site, a **non-attainment zone**? | 2B | 12 |
| 2B. Is there potential for **vapor problems** within buildings or for a confined space fire or explosion hazard? | 13 | 11A |
| 3. Was the release directly into **bedrock** or is the bedrock groundwater system contaminated? | 9 | (4) |
| 4. Was the release directly into a **glacial till** deposit? | (9) | 5 |
| 5. Was the release into a **silt or clay** deposit? | 6 | N/A |
| 6. 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 |
| 7. Are the area's **gradients** approximately horizontal (topographic gradient flat or groundwater gradient <1%)? | 8 | 9 |
| 8. 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 |
| 9. 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) | 12 |
| 10. Is there potential for **vapor problems** within buildings or for a confined space explosion hazard? | 13 | (11) |
| 11. Is the entire area, within a 2000 foot radius of the leak or discharge site, a **non-attainment zone**? | (11A) | 13 |
| 11A. 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.

X 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:**

After decision on site were made, one well was located in the area, decision still stand @ BL2 GW

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.**

DTR295.DOC

PC
DP

Oil & Hazardous Materials Report Form
Spill Number: A/471/90

Subject:
Name (Last, First MI): BOYNTON,JOHN/BOYNTON OIL COMP
Address: _____ Town: BELFAST
State: ME Zip-code: 04915 Telephone: 2073382307

Spill Information:
Location (Town): BELFAST Spill Type: A
Amount spilled: 3200.00 gals.Y cu. yds.N lbs.N bbls.N
Type of spill: 02
Date of Spill: 90/09/18 (yy/mm/dd) Time of Spill: ____ (Military)
Date Reported: 90/09/18 (yy/mm/dd) Time Reported: 1230 (Military)
Cause: 07 Detection method: 2I
Incident code: CBPP DEP response time involved: 31.0 (hours)
Number of wells at risk: 0 Number of wells impacted: 0
Investigators' names: 1. ANDREWS,J G.W.
2. WALL,G
3. GEHRLING,F

Person Reporting Incident:
Name (Last, First MI): BOYNTON,JOHN
Address: _____ Town: BELFAST
State: ME Zip-code: 04915 Telephone: 2073382307



Clean-up Information:

Total product recovered: 3100.00 gals.Y cu. yds.N lbs.N bbls.N
Method: ACG Non-recyclable: 840.00 gals.Y bbls.N
Solids: combustible: 5.0 cu. yds.Y tonsN
non-combustible: 140.0 cu.yds.
Recyclable material: 2140.00 gals.Y cu. yds.N lbs.N bbls.N
Number of filters installed: 0 Number of aerators installed: 0
Disposal information:
2140 GALS TO JETLINE/140 YDS LANDSPREAD

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)

Estimated Recovered product

2140 gal OIL - Vac truck
840 gal $H_2O$ - Vac truck
200 gal OIL - Sorbents
760 gal OIL — 140 yds of soil = 5.4 gal/yd

A-471-90

On September 18, 1990, John Boynton of Boynton Oil Company called this office to report a spill of 3,200 gallons of fuel oil at his facility in Belfast. This spill was the result of a corroded valve that fell off.

Boynton Oil Company is located in Belfast, Maine, on Route 3. There are two 15,000 gallon above ground bulk oil storage tanks at this facility. The above ground tanks did not have any containment.

The release of 3,200 gallons was not detected until sometime around 1200 hours. The spill occurred between 0800 and 1200 hours.

The oil spilled onto the ground. Some oil saturated the soil but a large amount of oil made its way to a small fresh water marsh and pond. This pond was completely covered by a layer of oil, 3/4$^{ths}$ of an inch thick.

Jon Andrews was the first Response staff person to arrive at the scene. We then notified Jetline that a vacuum truck and several men were needed. Jetline arrived at approximately 1600 hours.

Together Jon, Frank and I used a 100 foot length of containment boom to herd the oil into one section of the pond. Jetlines vacuum truck was then used to recover the product. This process continued into evening and then again the next day.

A total of 2,140 gallons of oil was collected by the use of the vacuum truck. An additional 200 gallons was recovered using sorbents.

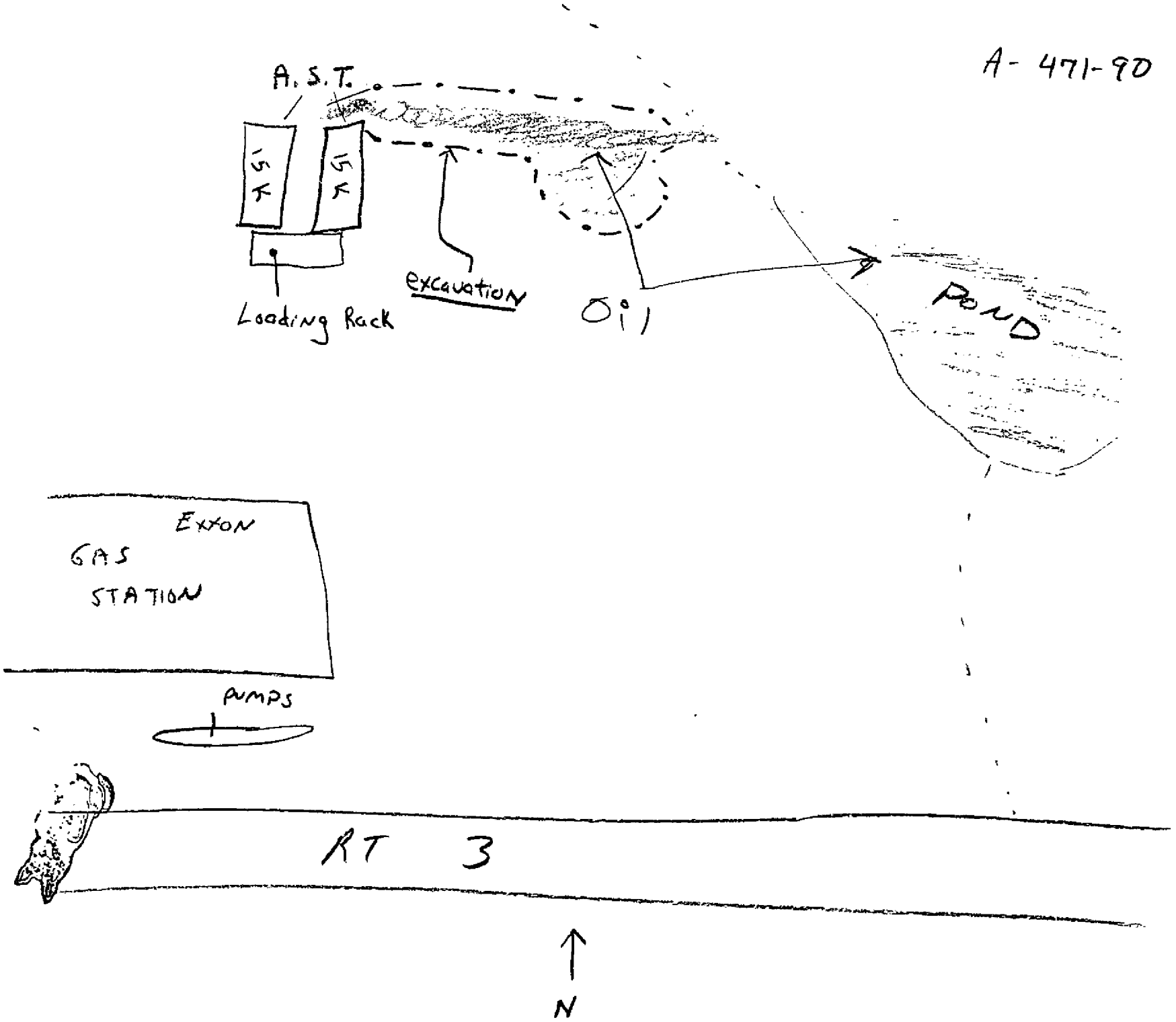
I recommended to Mr. John Boynton that, he contact the State Fire Marshalls office concerning containment dikes and other such regulations. I also suggested that he have the inside of his tanks cleaned and have a SPCC Plan drafted.

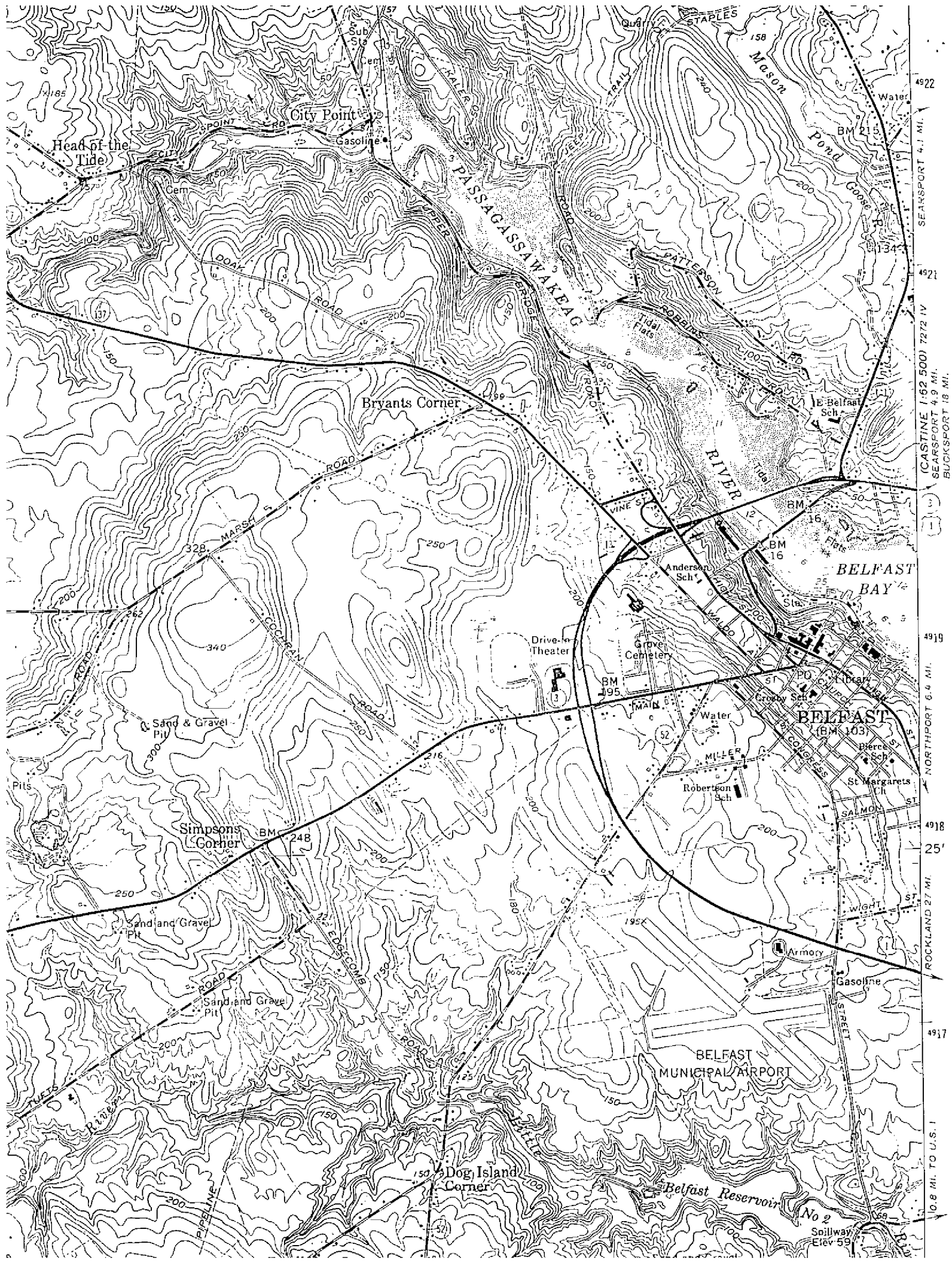
On September 26, 1990, 140 yrds. of contaminated soil was removed. This soil was landspread on Mr. Boynton's property in Belfast, south of the airport.

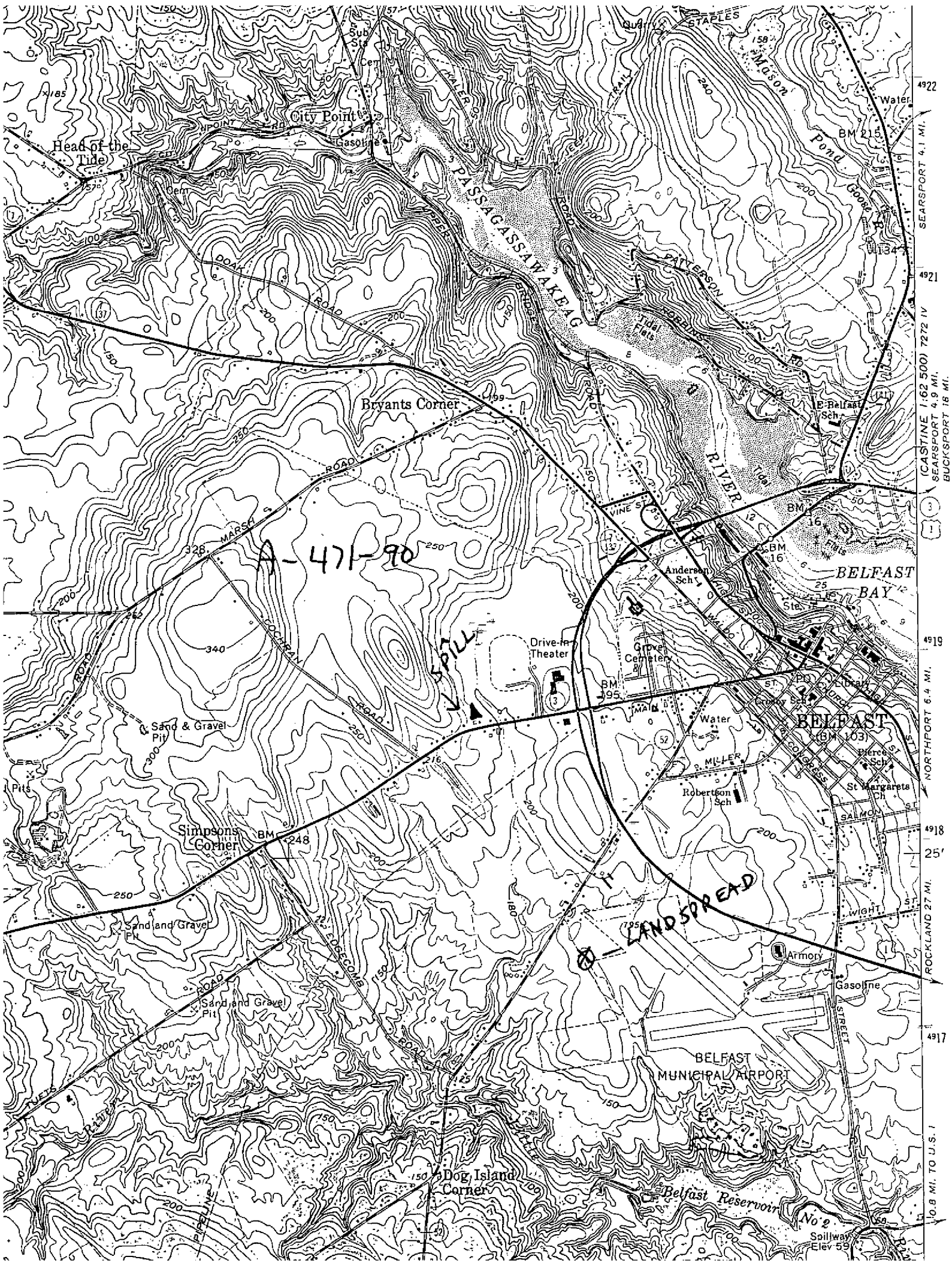
I spoke with Mr. Boynton sometime in October and he told me that he had the tanks cleaned, inspected and applied for a permit with the State Fire Marshalls Office, to upgrade his Bulk Oil Storage facility.

/gmr

A-471-90


A.S.T.
15K
15K
Loading Rack
excavation
Oil
POND
EXXON
GAS
STATION
PUMPS
RT 3
N


Head of the Tide
City Point
Gasoline
Bryants Corner
Simpsons Corner
BM 248
Dog Island Corner
Belfast Reservoir No 2
Spillway Elev 59
BELFAST
(BM 103)
BELFAST BAY
BELFAST MUNICIPAL AIRPORT
Armory
Gasoline
Water
Mason Pond
Goose Pond
PASSAGASSAWAKEAG RIVER
Tidal Flats
Drive-In Theater
Grove Cemetery
Crosby Sch
Pierce Sch
St Margarets Ch
Robertson Sch
Anderson Sch
E Belfast Sch
Sand & Gravel Pit
Sand and Gravel Pit
Pits
BM 215
BM 16
BM 195
Quarry
Sub Sta
Cem
PO
Library
Church
Gas
Tidal Flats
PIPELINE
TUFTS
RIVER
UPPER
JEEP
TRAIL
ROAD
POINT
CITY
MARSH
CROSBY
EDGECOMB
ROBBINS
PATTERSON
VINE ST
HIGH ST
WALDO
MAIN
MILLER
CONGRESS
CHURCH
SALMON
WIGHT
STREET
(CASTINE 1:62 500) 7272 IV
SEARSPORT 4.9 MI.
BUCKSPORT 18 MI.
SEARSPORT 4.1 MI.
NORTHPORT 6.4 MI.
ROCKLAND 27 MI.
0.8 MI. TO U.S. 1
4922
4921
4919
4918
4917
25'


A-471-90
SPILL
LANDSPREAD
City Point
Head of the Tide
Bryants Corner
Simpsons Corner
Dog Island Corner
BELFAST
BELFAST BAY
BELFAST MUNICIPAL AIRPORT
Belfast Reservoir No 2
Spillway Elev 59
PASSAGASSAWAKEAG RIVER
Drive-In Theater
Gravel Cemetery
Sand & Gravel Pit
Sand and Gravel Pit
Pits
Armory
Gasoline
Water
Library
Pierce Sch
St Margarets Ch
Robertson Sch
Anderson Sch
E Belfast Sch
Grammy Sch
Tidal Flats
Mason Pond
Goose Pond
BM 215
BM 16
BM 248
BM 195
BM (BM 103)
MARSH ROAD
COCHRAN ROAD
EDGECOMB ROAD
DOAK ROAD
PATTERSON ROAD
MILLER ROAD
MAIN ST
CONGRESS ST
WIGHT ST
SALMON ST
WINE ST
STAPLES
MILLER
PATTERSON
FORBINS
WALDO
PIERCE
SEARSPORT 4.1 MI.
(CASTINE 1:62 500) 7272 IV
SEARSPORT 4.9 MI.
BUCKSPORT 18 MI.
NORTHPORT 6.4 MI.
ROCKLAND 27 MI.
TO U.S. 1
4922
4921
4919
4918
4917

A-471-90

State of Maine
Department of Environmental Protection
Laboratory Results (FINAL)

Project name: BOYNTON OIL
Town/County: BELFAST
Station code: TOWN27010
Client: OIL AND HAZARDOUS MATERIALS
Appropriation: 4535.1040

Results to: GLEN WALL
Date sampled: 09/26/90
Date reported: 10/10/90
Form number: 010949
QC Check: SM GM

********** Sample Information **********

| User Number | Lab Number | Matrix | Type | Dup |
|---|---|---|---|---|
| 29596 | 29596 | SOIL | GRAB | |

********** Parameter Information **********

| User ID | Matrix | Parameter | Conc. | Units | Prec/Acc |
|---|---|---|---|---|---|
| 29596 | SOIL | * OIL FUEL | (1) | MG/KG | |
| | | * SAMPLE PREPARATION | DONE | NONE | |

(1) SAMPLE #29596 CHROMATOGRAPHED IN THE RANGE OF SLIGHTLY WEATHERED #2 FUEL OIL AT A CONCENTRATION OF 4500 MG/KG WHEN CALCULATED AGAINST A #2 FUEL OIL STANDARD.
J = approximately; K = less than; L = greater than; NA = not analyzed

Soil sample from spill area.

A-471-90

State of Maine
Department of Environmental Protection
Laboratory Results (FINAL)

Project name: BOYNTON OIL
Town/County: BELFAST
Station code: TOWN27010
Client: OIL AND HAZARDOUS MATERIALS
Appropriation: 4535.1040

Results to: GLEN WALL
Date sampled: 09/26/90
Date reported: 10/10/90
Form number: 010949
QC Check: SM

********** Sample Information **********

| User Number | Lab Number | Matrix | Type | Dup |
|---|---|---|---|---|
| 29596 | 29596 | SOIL | GRAB | |

********** Analysis Information **********

| user ID | M | Parameter | Method | An | Ext Date | Ana Date | Prec/Acc |
|---|---|---|---|---|---|---|---|
| 29596 | S | OIL FUEL | SEE ANAL | MK | 10/01/90 | 10/04/90 | |
| | | SAMPLE PREPARATION | DONE | MK | | 10/01/90 | |

(1) SAMPLE #29596 CHROMATOGRAPHED IN THE RANGE OF SLIGHTLY WEATHERED #2 FUEL OIL AT A CONCENTRATION OF 4500 MG/KG WHEN CALCULATED AGAINST A #2 FUEL OIL STANDARD.

A-471-90

State of Maine
Department of Environmental Protection
Laboratory Results (FINAL)

Project name: BOYNTON OIL
Town/County: BELFASH
Station code: TOWN27010
Client: OIL AND HAZARDOUS MATERIALS
Appropriation: 4535.1030

Results to: GLEN WALL
Date sampled: 09/20/90
Date reported: 10/01/90
Form number: 012469
QC Check: JM

********** Sample Information **********

| User Number | Lab Number | Matrix | Type | Dup |
|---|---|---|---|---|
| 34636 | 34636 | WATER | GRAB | |

********** Parameter Information **********

| User ID | Matrix | Parameter | Conc. | Units | Prec/Acc |
|---|---|---|---|---|---|
| 34636 | WATER | * OIL FUEL | (1) | MG/L | |
| | | * SAMPLE PREPARATION | DONE | NONE | |

(1) SAMPLE #34636 CHROMATOGRAPHED IN THE RANGE OF #2 FUEL OIL AT A CONCENTRATION OF 3700 MG/L WHEN CALCULATED AGAINST A #2 FUEL OIL STANDARD.
J = approximately; K = less than; L = greater than; NA = not analyzed

Sample taken from discharge of Vac truck

A-471-90

State of Maine
Department of Environmental Protection
Laboratory Results (FINAL)

Project name: BOYNTON OIL
Town/County: BELFASH
Station code: TOWN27010
Client: OIL AND HAZARDOUS MATERIALS
Appropriation: 4535.1030

Results to: GLEN WALL
Date sampled: 09/20/90
Date reported: 10/01/90
Form number: 012469
QC Check: SY

********** Sample Information **********

| User Number | Lab Number | Matrix | Type | Dup |
|---|---|---|---|---|
| 34636 | 34636 | WATER | GRAB | |

********** Analysis Information **********

| user ID | M | Parameter | Method | An | Ext Date | Ana Date | Prec/Acc |
|---|---|---|---|---|---|---|---|
| 34636 | W | OIL FUEL | SEE ANAL | MK | 09/25/90 | 09/26/90 | |
| | | SAMPLE PREPARATION | DONE | MK | | 09/25/90 | |

(1) SAMPLE #34636 CHROMATOGRAPHED IN THE RANGE OF #2 FUEL OIL AT A CONCENTRATION OF 3700 MG/L WHEN CALCULATED AGAINST A #2 FUEL OIL STANDARD.

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

**Spill Number A - 0232 - 98**

Report Status: FINAL

## SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): NICKERSON'S EXXON

Address: ROUTE 3 Town: BELFAST

State: ME Zip Code: 04915 Telephone: ( ) - Ext:

Comments:

## LOCATION / FACILITY INFORMATION

Name of Spill Location: NICKERSON'S EXXON

Address: ROUTE 3 Location ID: 28567

Minor Civil Division: **BELFAST** Local Name:

Latitude **N**: Longitude **W**:

## SPILL / EVENT INFORMATION

Spill Type: B (Table A) Amount Spilled: 0.99 U (Gallons, Cubic Yards, Pounds, Barrels)

Product Reported Spilled: 20 (Table B) Product Actually Found: 20 (Table B)

Date Of Spill: Time Of Spill:

Date Reported: May 04, 1998 Time Reported:

Cause: 18 (Table C) Detection Method: 6 O (Table D)

Incident Code: C - SS - S - U (Table E)

Response Time Involved: 4.0 Wells At Risk: 0 Wells Impacted: 0

Investigator(s) **CORR, MARY**

## REPORTING INFORMATION

Name(Last, First, MI): TIMSON, BARRY

Address: Town:

State: Zip Code: Telephone: (207) 623-0053 Ext:

## CLEAN-UP INFORMATION

Spilled Product Recovered: Method: K (Table K)

Other Product Recovered: Method: (Table K)

D-Tree Code: B2 D-Tree Date: 21-MAY-98

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: | N | Insurance Fund Claim: | N |
| From Hazardous Waste Fund: | N | Technical Services Referral: | N |

## UNDERGROUND TANK(S) INFORMATION

Tank Registration Number: 2053 Number of Tanks Abandoned:

## NARRATIVE

Evidence of a leak was reported after a site assessment. The assessment concluded that the tanks were not currently leaking and it is possible that the levels were from an adjoining property that had had a large spill. See A-471-90. A baseline 2 cleanup would be appropriate for Nickerson's. The levels found by lab analysis were with one exception, within the cleanup standard. I spoke with Enforcement prior to visiting the site. Beth Dehaas suggested a few items for me to look for at the site. I found no evidence that the tanks are leaking. The owner has been conducting daily inventory and annual SIAs. He does have the system inspected annually by a certified tank installer.

No further action is anticipated.

**DEP HYDROCARBON SPILL DECISION TREE (February 1995).** Spill No. A 232 98

Investigator: Mary Coll Date: 5 21 98

Site Name, Address: Nickerson's Exxon Town: _____

| Please circle your responses: | If "Yes" Go To | If "No" Go To |
|---|---|---|
| 1. 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 | (2) |
| 2. Is the leak or discharge site located in or over a **sand and gravel** deposit? | 2A | (3) |
| 2A. Is the entire area, within a 2000 foot radius of the leak or discharge site, a **non-attainment zone?** | 2B | 12 |
| 2B. Is there potential for **vapor problems** within buildings or for a confined space fire or explosion hazard? | 13 | 11A |
| 3. Was the release directly into **bedrock** or is the bedrock groundwater system contaminated? unknown | 9 | 4 |
| 4. Was the release directly into a **glacial till** deposit? | 9 | 5 |
| 5. Was the release into a **silt or clay** deposit? | 6 | N/A |
| 6. 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 |
| 7. Are the area's **gradients** approximately horizontal (topographic gradient flat or groundwater gradient <1%)? | 8 | 9 |
| 8. 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 |
| 9. Is the area within 2000 feet downgradient or 1000 feet upgradient served by a **public water supply**? | (10) | 12 |
| 10. Is there potential for **vapor problems** within buildings or for a confined space explosion hazard? | 13 | (11) |
| 11. Is the entire area, within a 2000 foot radius of the leak or discharge site, a **non-attainment zone**? | (11A) | 13 |
| 11A. 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.**

DTR295.DOC

A-232-98

Timson & Peters, Inc. ENVIRONMENTAL SERVICES
Environmental Permitting
Geologic Consulting•Wetland Analyses
Environmental Assessments•Groundwater Investigations

April 23, 1998

Edward Sullivan, Commissioner
c/o Bureau of Remediation and Waste Management
Maine Dept. of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

**Re: Report of Soil GRO Concentrations from Subsurface Sampling In Exceedance of Notification Levels, Chapter 691 Nickerson's Exxon, Route 3, Belfast, Maine**

To Whom It May Concern:

In accordance with regulations outlined in Appendix P, Chapter 691: Rules for Underground Oil Storage Facilities, I am hereby reporting laboratory measurement of Gasoline Range Organics (GRO) in exceedance of the reporting level of 5 ppm from 2 subsurface soil samples collected from Nickerson's Exxon Station, Route 3, Belfast, Maine.

These samples were collected on April 6, 1998 and delivered to Maine Environmental Laboratory in Yarmouth, Maine on April 8, 1998. I received notification from the laboratory via fax of their analyses on April 21, 1998 but was unable to report the results of the analyses to my client until April 22, 1998. My investigations are part of an environmental site assessment being conducted for an individual.

Sample SBX-8 was taken approximately 6 feet from the delivery pumps directly between the pumps and Route 3 at a depth of 2 feet to 4 feet. Ground water level was at 2.2 feet below the surface. The split-spoon sample core bottomed in glacio-marine clay. Sample SBX-8, 2' to 4' was analyzed at a concentration of 16.4 parts per million (ppm) GRO. DRO were analyzed at levels of 25 ppm.

Sample SBX-11 was taken approximately 20 feet downgradient from the pump island at a depth of 2 feet to 4 feet. GRO analysis yielded a concentration of 21.6 ppm. DRO were analyzed at levels of 221 ppm. The ground water level at SBX-11 was below the bottom of the boring.

Samples taken directly downgradient from the area of 3 registered UGST containing gasolines of different octane (SBX-10) yielded GRO levels of ND (Non-Detect) at a depth of 4 feet to 6 feet and GRO levels of 6 ppm at a depth of 4 feet to 6 feet. Ground water depth in SBX-10 was at 2 feet. Analyses of GRO and DRO

Office Location: 418 Maine Avenue, Farmingdale, ME 04344
Mailing Address: P.O. Box 150, Hallowell, Maine 04347•(207) 623-0053
FAX•(207) 623-2599

from a ground water sample taken from SBX-10 yielded concentrations of 562 parts per billion (ppb) and 560 ppb, respectively.

No discharge of fuel was seen or smelled at an adjacent stream where groundwater would be discharging from the three sample sites.

At this point in time, I do not believe the UGST tanks to be leaking. Gasoline spillage at the pumps is most likely the cause for the gasoline range hydrocarbons in the samples.

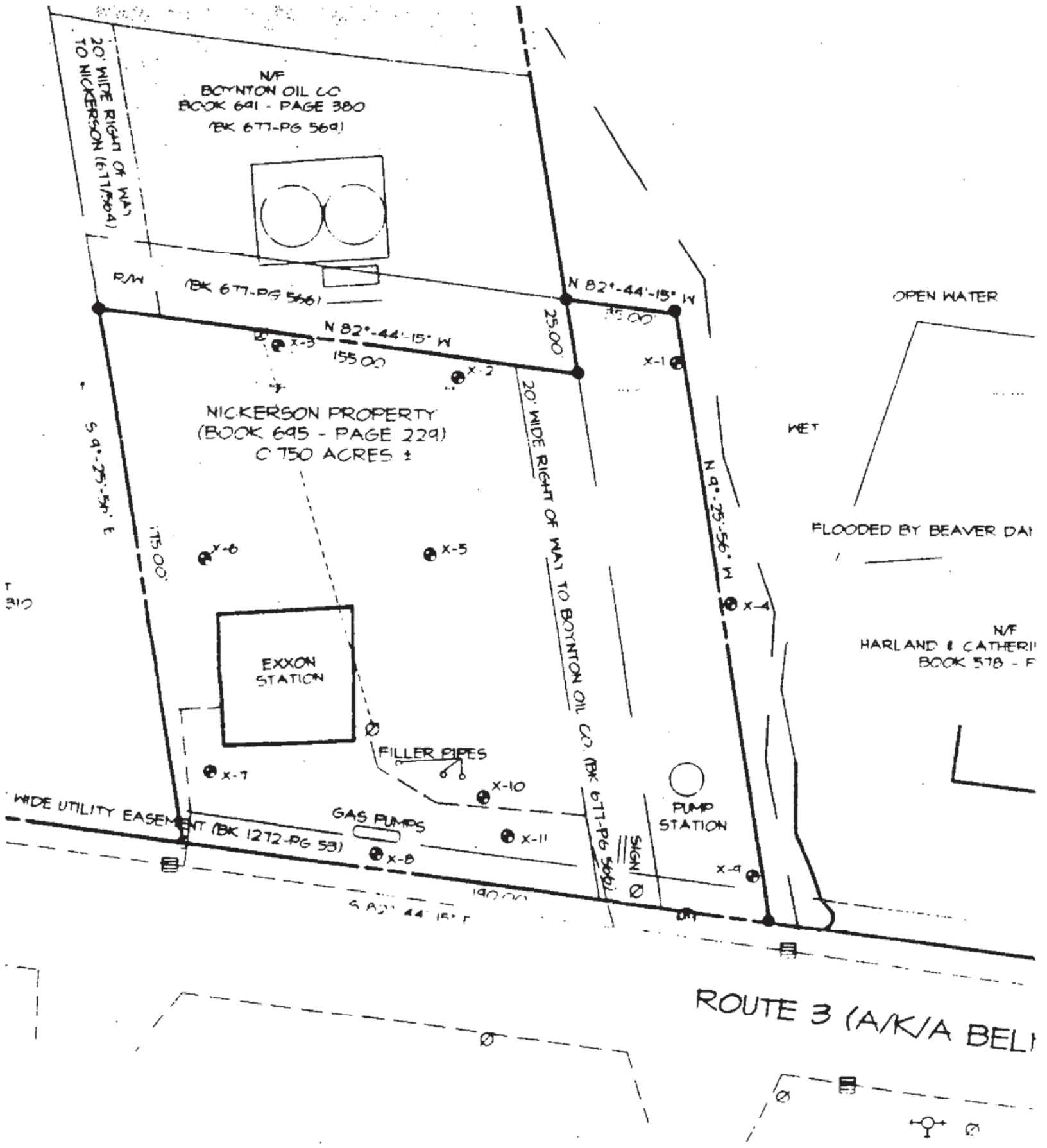
A large fuel oil spill occurred at Boynton's fuel depot located immediately north of the Exxon station. Most likely, this historical spill is the source of residual DRO seen at the gasoline station site.

Although I have not conducted a rigorous Decision Tree analysis at this point in time, I would judge the risk to human health to be negligible. All immediate surrounding residences and businesses are supplied by a public water supply. Ground water discharge from the site is immediately adjacent to the site (east of Exxon station) into an unnamed brook which flows south beneath Route 3.

Should you require further information or require further investigation on behalf of my client, please feel free to contact me at 623-0053.

Very truly yours,

Barry S. Timson, MCG#7
President




RSON PARCELS SUBJECT TO THE FOLLOWING UTILITY EASEMENTS:
49, BOOK 1272-PAGE 53, BOOK 1091-PAGE 59, BOOK 1335-PAGE 60
NGE 50 RECORDED AT THE WALDO COUNTY REGISTRY OF DEEDS.
ITTLED "SEWER LINE EXTENSION FOR THE CITY OF BELFAST" BY
G DATED APRIL 19, 1991, RECORDED IN PLAN DRAWER 16, PAGES 185 & 186
UNTY REGISTRY OF DEEDS

SCALE

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-436-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98
**Project Number:**
**Station ID:** SBX-8 2'-4'

| | |
|---|---|
| **Lab #:** | 39491-2 |
| **Matrix:** | Soil |
| **Percent Solid:** | 82 |
| **Dilution Factor:** | 12 |
| **Collection Date:** | 04/06/98 |
| **Lab Receipt Date:** | 04/08/98 |
| **Analysis Date:** | 04/09/98 |

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-2 | 16400 | µg/kg | 2400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 60 |
| Benzene | 169 | µg/kg | 12 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 105 % |
| Bromofluorobenzene | 249* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** **Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.**

Authorized signature _____

analytics environmental laboratory inc.

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800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98

**Project Number:**

**Field Sample ID:** SBX-8 2'-4'

**SAMPLE DATA**

**Lab Sample ID:** 39491-2
**Matrix:** Soil
**Percent Solid:** 82
**Dilution Factor:** 1.1
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/13/98
**Analysis Date:** 04/18/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 25 | mg/kg | 6 |

**Surrogate Standard Recovery**

| | |
|---|---|
| m-Terphenyl | 94 % |

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:** Results are expressed on a dry weight basis. Chromatogram contains peaks which elute after the DRO window.

Authorized signature

analytics environmental laboratory inc.

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Portsmouth, New Hampshire 03801
603-436-5113 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98

**Project Number:**

**Station ID:** SBX-10 4'-6'

| | |
|---|---|
| **Lab #:** | 39491-3 |
| **Matrix:** | Soil |
| **Percent Solid:** | 85 |
| **Dilution Factor:** | 11 |
| **Collection Date:** | 04/06/98 |
| **Lab Receipt Date:** | 04/08/98 |
| **Analysis Date:** | 04/13/98 |

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-3 | ND | µg/kg | 2200 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 55 |
| Benzene | ND | µg/kg | 11 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 98 % |
| Bromofluorobenzene | 93 % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** **Results are expressed on a dry weight basis.**

Authorized signature _____

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-6111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**Client Project:** TPI 028-98

**Project Number:**

**Station ID:** SBX-10W

**Lab #:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Analysis Date:** 04/09/98

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-1 | 562 | µg/L | 10 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | 85 | µg/L | 5 |
| Benzene | 16 | µg/L | 1 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 98 % |
| Bromofluorobenzene | 104 % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:**

Authorized signature _____

analytics environmental laboratory inc.

196 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-924-0006

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98

**Project Number:**

**Field Sample ID:** SBX-10W

**SAMPLE DATA**

**Lab Sample ID:** 39491-1
**Matrix:** Aqueous
**Percent Solid:** N/A
**Dilution Factor:** 1.0
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/09/98
**Analysis Date:** 04/11/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 560 | µg/L | 50 |

**Surrogate Standard Recovery**

m-Terphenyl 94 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:**

Authorized signature

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

April 20, 1998

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

| | | | |
|---|---|---|---|
| **Client Project:** | TPI 028-98 | **Lab #:** | 39491-4 |
| | | **Matrix:** | Soil |
| **Project Number:** | | **Percent Solid:** | 84 |
| **Station ID:** | SBX-11 2'-4' | **Dilution Factor:** | 22 |
| | | **Collection Date:** | 04/06/98 |
| | | **Lab Receipt Date:** | 04/08/98 |
| | | **Analysis Date:** | 04/09/98 |

## GASOLINE RANGE ORGANIC ANALYSIS

| Sample | Result | Units | Detection Limit |
|---|---|---|---|
| 39491-4 | 21600 | µg/kg | 4400 |

## ESTIMATED TARGET CONCENTRATIONS

| Compound | Result | Units | Detection Limit |
|---|---|---|---|
| MTBE | ND | µg/kg | 110 |
| Benzene | 43 | µg/kg | 22 |

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

**Surrogate Standard Recovery**

| | |
|---|---|
| Trifluorotoluene | 84 % |
| Bromofluorobenzene | 124* % |

**Methodology:** Sample analyzed according to "Maine HETL Method 4.2.17, September 6, 1995".

**Comments:** Results are expressed on a dry weight basis. * Surrogate recovery affected by sample matrix.

Authorized signature _____

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096-1107

April 20, 1998

**CLIENT SAMPLE ID**

**Project Name:** TPI 028-98
**Project Number:**
**Field Sample ID:** SBX-11 2'-4'

**SAMPLE DATA**

**Lab Sample ID:** 39491-4
**Matrix:** Soil
**Percent Solid:** 84
**Dilution Factor:** 12
**Collection Date:** 04/06/98
**Lab Receipt Date:** 04/08/98
**Extraction Date:** 04/13/98
**Analysis Date:** 04/18/98

## ANALYTICAL RESULTS DIESEL RANGE ORGANICS

| Result | Units | Detection Limit |
|---|---|---|
| 221 | mg/kg | 60 |

**Surrogate Standard Recovery**

m-Terphenyl 120 %

ND=None Detected J=Estimated E=Exceeds Calibration Range B=Detected in Blank

**METHODOLOGY:** Sample analyzed according to "Maine HETL Method 4.1.25, September 6, 1995".

**COMMENTS:** Results are expressed on a dry weight basis. Chromatogram contains peaks which elute after the DRO window.

Authorized signature

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

ANGUS S. KING, JR.
GOVERNOR

EDWARD O. SULLIVAN
COMMISSIONER

May 28, 1998

Barry Timson
Timson & Peters, Inc.
418 Maine Avenue
Farmingdale ME 04344

RE: Nickerson's Exxon, Belfast; RN 2053; A-232-98

Dear Barry:

I am writing in response to your letter of May 26, 1998 to Commissioner Sullivan in which you inquire about soil sampling results from Nickerson's Exxon submitted with a cover letter dated April 23, 1998. Upon receipt, the analytical results were immediately sent to our Augusta Response Services office for follow-up. In fact, by May 4, 1998, Ms. Mary Corr of Response Services had been to the site, talked with the facility owner and communicated that no soil clean-up would be required given the location of the facility and the soil concentrations you provided.

In your May 26, 1998 letter you state that without communication to the contrary, "my client will conclude that the Maine Department of Environmental Protection will not require remediation of soils at Nickerson's Exxon, Route 3, Belfast at the GRO concentrations reported." I would suggest that this would be a dangerous assumption to make since the statute very clearly states that such a discharge of oil, as documented by you, is clearly prohibited. A more prudent course of action in the future, if the situation is urgent, would be to have called the Department to determine if a clean-up would be required or to arrange to meet with the Response staff person assigned to a case.

Sincerely,

George Seel

George Seel
Director, Technical Services
Bureau of Remediation and Waste Management

cc: Mary Corr
Commissioner Sullivan

OGSEXXON/raj

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 764-1507

web site: www.state.me.us/dep

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Timson, Schepps & Peters, Inc.
Environmental Permitting Services
Geologic Consulting•Wetland Analyses

May 26, 1998

Edward Sullivan, Commissioner
c/o Bureau of Remediation and Waste Management
Maine Dept. of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

**Re: Follow-Up to Letter of April 23, 1998**
**Report of Soil GRO Concentrations In Exceedance of Chapter 691**
**Notification Levels**
**Nickerson's Exxon, Route 3, Belfast, Maine**

To Whom It May Concern:

On April 23, 1998, in accordance with regulations outlined in Appendix P, Chapter 691: Rules for Underground Oil Storage Facilities, I notified the Bureau of recent laboratory analyses of 2 subsurface soil samples collected on April 6, 1998 from Nickerson's Exxon Station, Route 3, Belfast, Maine and which exceeded the reporting threshold level of 5 ppm of Gasoline Range Organics (GRO).

As of the date of this letter, I have not received any written or oral response from the Department indicating the need or desire for any remediation at the site based upon the information provided. Consequently, my client will conclude that the Maine Department of Environmental Protection will not require remediation of soils at Nickerson's Exxon, Route 3, Belfast at the GRO concentrations reported.

Thank you for your attention to this matter.

Very truly yours,

Barry S. Timson, MCG#7
President

cc: R. Spencer

Office Location: 418 Maine Avenue, Farmingdale, ME 04344
Mailing Address: P.O. Box 150, Hallowell, Maine 04347•(207) 623-0053
FAX•(207) 623-2599

**APPENDIX D**

EDR Historical Topographic Map Report &
Certified Sanborn® "No Coverage" Letter

Phase I Environmental Site Assessment
29 Belmont Avenue (Former Exxon Station)
Belfast, Maine

**Former Exxon**
29 Belmont Avenue
Belfast, ME 04915

Inquiry Number: 3288897.4
March 26, 2012

# EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
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.***
Please contact EDR at 1-800-352-0050
with any questions or comments.


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# Historical Topographic Map

| | | | |
|---|---|---|---|
| N | TARGET QUAD<br>NAME: BELFAST<br>MAP YEAR: 1917<br><br>SERIES: 15<br>SCALE: 1:62500 | SITE NAME: Former Exxon<br>ADDRESS: 29 Belmont Avenue<br>Belfast, ME 04915<br>LAT/LONG: 44.423 / -69.0274 | CLIENT: Ransom Env. Consultants, Inc.<br>CONTACT: Erik Phenix<br>INQUIRY#: 3288897.4<br>RESEARCH DATE: 03/26/2012 |

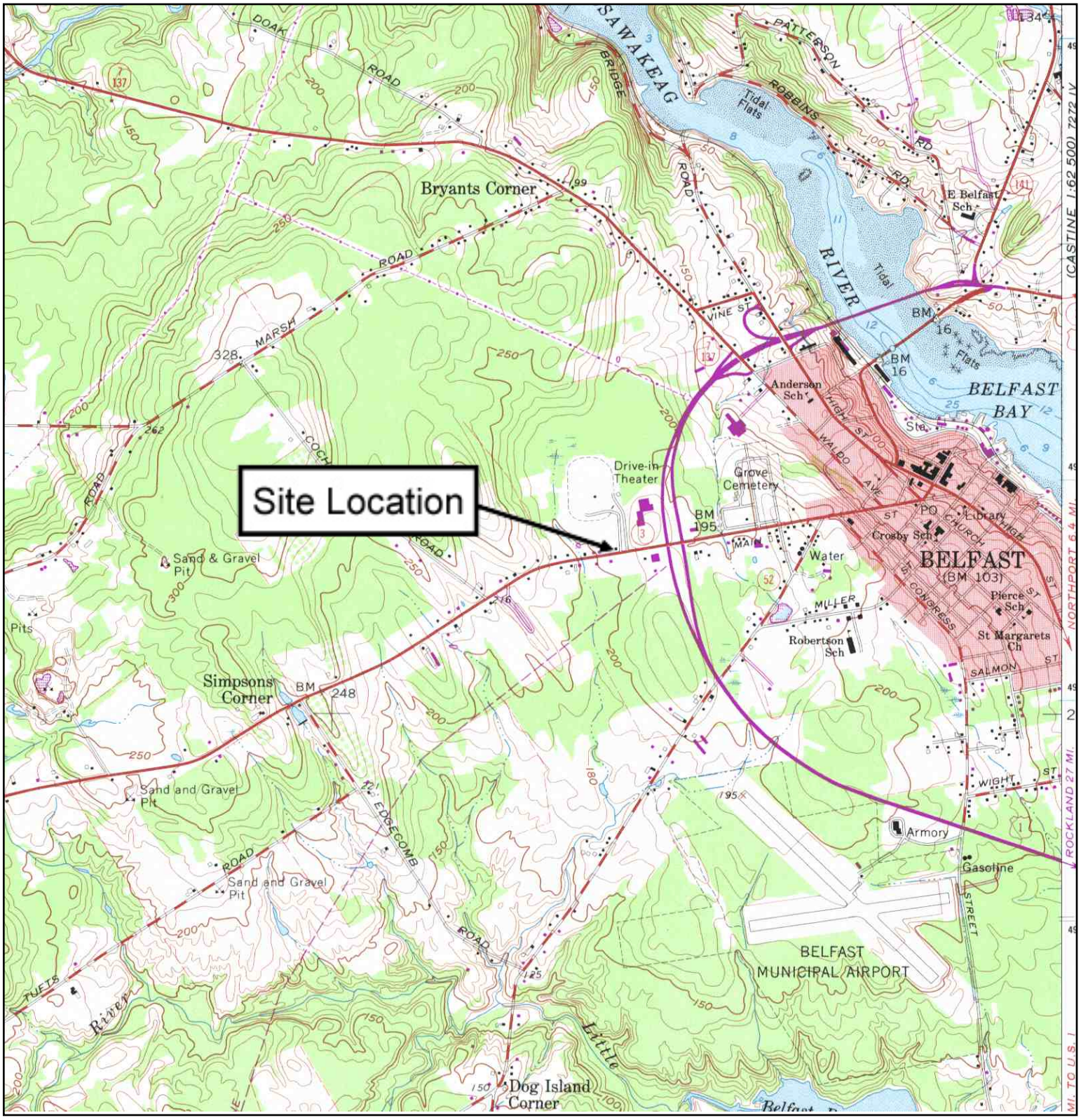
# Historical Topographic Map

| N | TARGET QUAD | | SITE NAME: | Former Exxon | CLIENT: | Ransom Env. Consultants, Inc. |
|---|---|---|---|---|---|---|
| | NAME: | BELFAST | ADDRESS: | 29 Belmont Avenue | CONTACT: | Erik Phenix |
| | MAP YEAR: | 1950 | | Belfast, ME 04915 | INQUIRY#: | 3288897.4 |
| | | | LAT/LONG: | 44.423 / -69.0274 | RESEARCH DATE: | 03/26/2012 |
| | SERIES: | 15 | | | | |
| | SCALE: | 1:50000 | | | | |

# Historical Topographic Map

| | | | |
|---|---|---|---|
| N | TARGET QUAD<br>NAME: BELFAST<br>MAP YEAR: 1960<br><br>SERIES: 7.5<br>SCALE: 1:24000 | SITE NAME: Former Exxon<br>ADDRESS: 29 Belmont Avenue<br>Belfast, ME 04915<br>LAT/LONG: 44.423 / -69.0274 | CLIENT: Ransom Env. Consultants, Inc.<br>CONTACT: Erik Phenix<br>INQUIRY#: 3288897.4<br>RESEARCH DATE: 03/26/2012 |

# Historical Topographic Map




| | | | |
|---|---|---|---|
| N | TARGET QUAD<br>NAME: BELFAST<br>MAP YEAR: 1973<br>PHOTOREVISED FROM :1960<br>SERIES: 7.5<br>SCALE: 1:24000 | SITE NAME: Former Exxon<br>ADDRESS: 29 Belmont Avenue<br>Belfast, ME 04915<br>LAT/LONG: 44.423 / -69.0274 | CLIENT: Ransom Env. Consultants, Inc.<br>CONTACT: Erik Phenix<br>INQUIRY#: 3288897.4<br>RESEARCH DATE: 03/26/2012 |

**Former Exxon**
29 Belmont Avenue
Belfast, ME 04915

Inquiry Number: 3288897.3
March 26, 2012

# Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

# Certified Sanborn® Map Report

3/26/12

**Site Name:**
Former Exxon
29 Belmont Avenue
Belfast, ME 04915

**Client Name:**
Ransom Env. Consultants, Inc.
12 Kent Way
Byfield, MA 01922-0000

EDR Inquiry # 3288897.3

Contact: Erik Phenix

EDR® Environmental Data Resources Inc

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

## *Certified Sanborn Results:*

**Site Name:** Former Exxon
**Address:** 29 Belmont Avenue
**City, State, Zip:** Belfast, ME 04915
**Cross Street:**
**P.O. #** 3964
**Project:** 111.06134
**Certification #** AD34-4A54-B0DF

Sanborn® Library search results
Certification # AD34-4A54-B0DF

### UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

*The Sanborn Library LLC Since 1866™*

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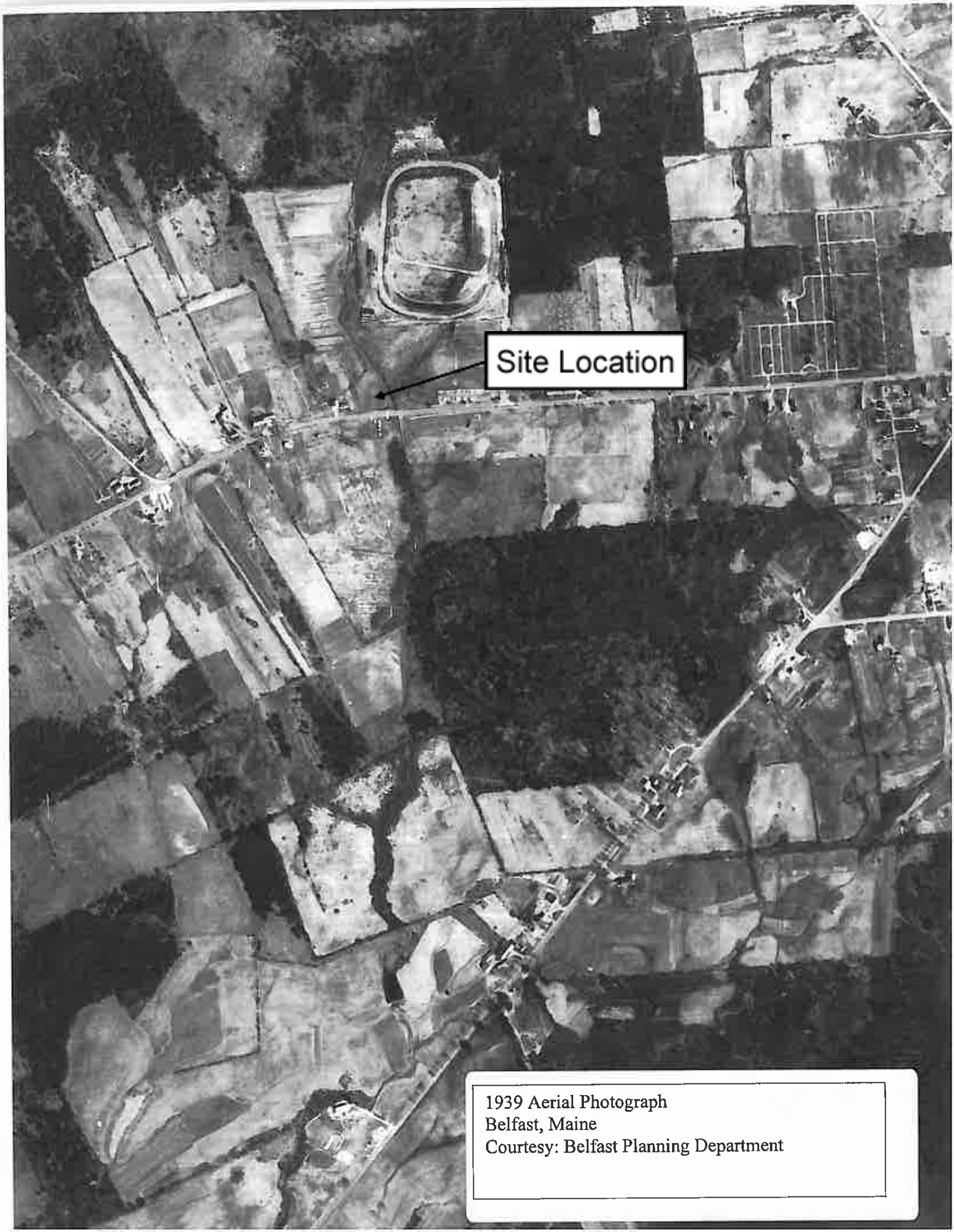
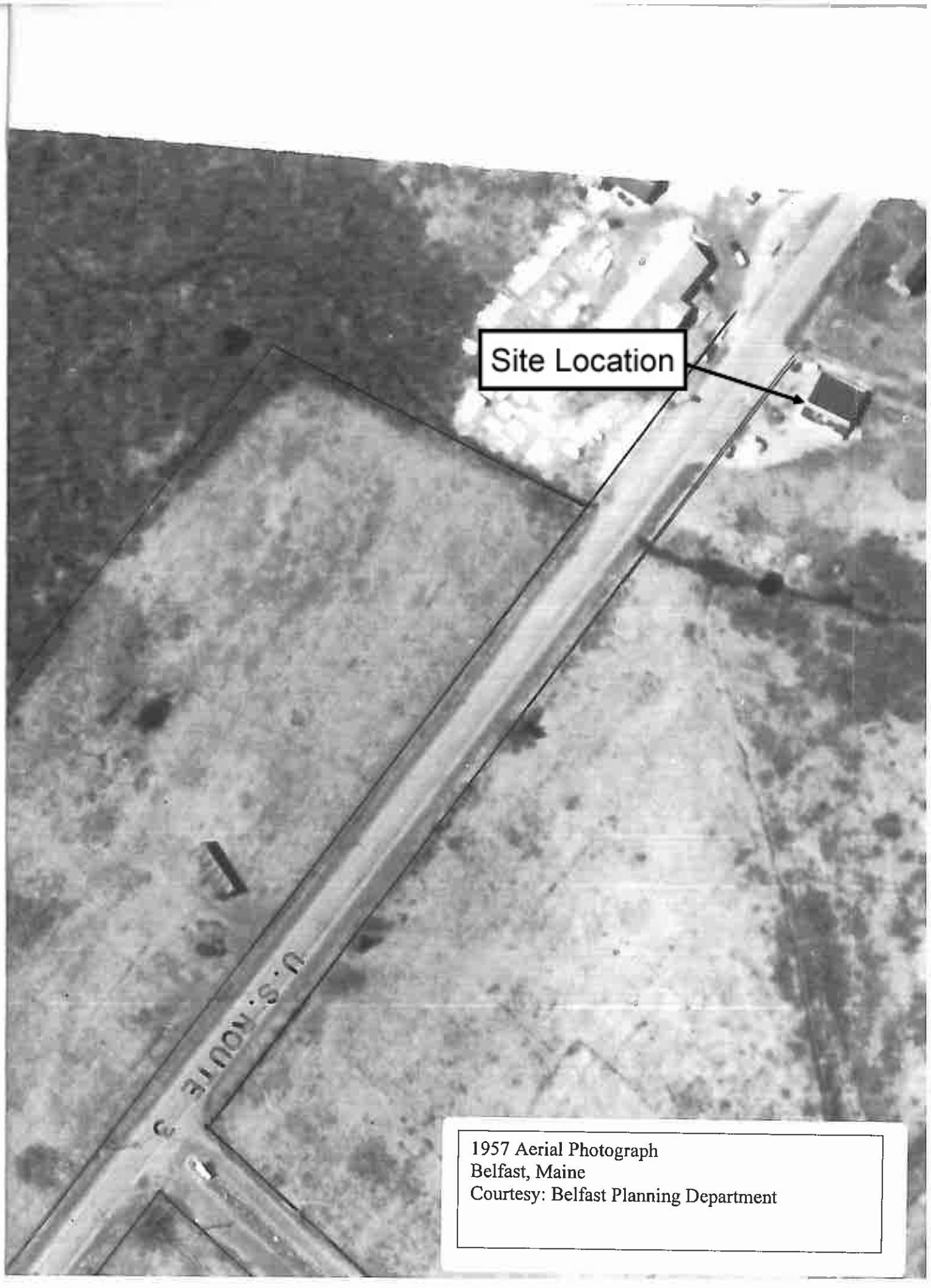
**APPENDIX E**

Aerial Photographs

Phase I Environmental Site Assessment
29 Belmont Avenue (Former Exxon Station)
Belfast, Maine




1939 Aerial Photograph
Belfast, Maine
Courtesy: Belfast Planning Department




1957 Aerial Photograph
Belfast, Maine
Courtesy: Belfast Planning Department

**Former Exxon**
29 Belmont Avenue
Belfast, ME 04915

Inquiry Number: 3288897.5
March 27, 2012

# The EDR Aerial Photo Decade Package

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## Date EDR Searched Historical Sources:

Aerial Photography March 27, 2012

## Target Property:

29 Belmont Avenue

Belfast, ME 04915

| ***Year*** | ***Scale*** | ***Details*** | ***Source*** |
|---|---|---|---|
| 1970 | Aerial Photograph. Scale: 1"=1000' | Panel #: 44069-D1, Belfast, ME;/Flight Date: May 09, 1970 | EDR |
| 1973 | Aerial Photograph. Scale: 1"=1000' | Panel #: 44069-D1, Belfast, ME;/Flight Date: May 08, 1973 | EDR |
| 1985 | Aerial Photograph. Scale: 1"=1000' | Panel #: 44069-D1, Belfast, ME;/Flight Date: April 18, 1985 | EDR |
| 1991 | Aerial Photograph. Scale: 1"=750' | Panel #: 44069-D1, Belfast, ME;/Flight Date: June 09, 1991 | EDR |
| 1996 | Aerial Photograph. Scale: 1"=500' | Panel #: 44069-D1, Belfast, ME;/Composite DOQQ - acquisition dates: May 09, 1996 | EDR |
| 2006 | Aerial Photograph. Scale: 1"=500' | Panel #: 44069-D1, Belfast, ME;/Flight Year: 2006 | EDR |
| 2007 | Aerial Photograph. Scale: 1"=500' | Panel #: 44069-D1, Belfast, ME;/Flight Year: 2007 | EDR |

Site Location
INQUIRY #: 3288897.5
YEAR: 1970
= 1000'
N

Site Location
INQUIRY #: 3288897.5
YEAR: 1973
= 1000'
N

Site Location
INQUIRY #: 3288897.5
YEAR: 1985
= 1000'
N

Site Location
INQUIRY #: 3288897.5
YEAR: 1991
= 750'
N

Site Location
INQUIRY #: 3288897.5
YEAR: 1996
= 500'
N

Site Location
INQUIRY #: 3288897.5
YEAR: 2006
= 500'
N

Site Location
INQUIRY #: 3288897.5
YEAR: 2007
= 500'
N

**APPENDIX F**

Qualifications

Phase I Environmental Site Assessment
29 Belmont Avenue (Former Exxon Station)
Belfast, Maine

RANSOM
Consulting
Engineers
and Scientists

# ERIKSEN P. PHENIX, C.G.
## Project Geologist

## EDUCATION

**B.S. in Field Ecology and**
**B.A. in Environmental Science**
The Evergreen State College, Washington, 1996

## PROFESSIONAL REGISTRATIONS

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

## PROFESSIONAL AFFILIATIONS

- National Groundwater Association
- Geological Society of Maine

## GENERAL BACKGROUND

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

RANSOM
Consulting
Engineers
and Scientists

# PETER J. SHERR, P.E.
## Senior Project Manager
## Environmental Engineer

## EDUCATION

**B.S. in Chemical Engineering**
University of Maine, 1990

**Graduate Studies in Environmental Engineering**
University of Maine, 2001 to Present

## PROFESSIONAL REGISTRATIONS

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

## PROFESSIONAL AFFILIATIONS

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

## GENERAL BACKGROUND

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

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

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

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

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

RANSOM
Consulting
Engineers
and Scientists

# NICHOLAS O. SABATINE, P.G.
## Vice President
## Senior Project Manager/Geologist

## EDUCATION

**M.S. in Environmental Law**
Vermont Law School, 1992

**B.A. in Geology/Political Science**
University of Maine at Farmington, 1991

## PROFESSIONAL REGISTRATIONS

- Certified Geologist, New Hampshire

## PROFESSIONAL AFFILIATIONS

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

## GENERAL BACKGROUND

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

Nick is a Senior Geologist with close to 20 years of environmental consulting experience. With degrees in environmental law and geology, he has a keen appreciation for a well orchestrated, thorough program. Nick has successfully managed numerous geological evaluations for many large clients, including International Paper, the Maine Department of Environmental Protection, and Maine Yankee. Nick has worked in a variety of industries on numerous project work scopes. His diverse work experience provides a unique perspective to his technical work. He has been the lead project geologist for several comprehensive hydrogeologic investigations involving drilling and testing procedures implemented under close regulatory scrutiny and conforming to ASTM standards.

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

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

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