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KAS INC
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ENVIRONMENTAL & GEOLOGICAL CONSULTING

October 14, 2011

Stantec Consulting Inc.
55 Green Mountain Drive
South Burlington, Vermont 05403
Attn: Mr. Jon Leinwohl, PE

RE: Phase I Environmental Site Assessments, AIP 87, Burlington International Airport, South Burlington, Vermont

Dear Mr. Leinwohl:

KAS, Inc. is pleased to present the attached Phase I Environmental Site Assessment (ESA) report for AIP 87 including 10 North Henry Court, 13, 57 and 72 Dumont Avenue, 5 Delaware Street, 23 Maryland Street, 6 Elizabeth Street, 2 and 6 Patrick Street and 392 White Street in South Burlington, Vermont. The ESA was conducted in compliance with ASTM E 1527-05. No recognized environmental conditions (RECs) as defined by ASTM E 1527-05 were encountered. Four of the properties (13, 57 and 72 Dumont Avenue and 2 Patrick Street) were occupied at the time of the site reconnaissance.

Based on the visual inspection and age of the buildings, the residential structures on the properties have the potential to contain asbestos-containing building materials (ACBM) and lead-based paint (LBP). In accordance with National Emissions Standard for Hazardous Air Pollutants (NESHAPS) – Asbestos and 18 VSA Chapter 26, suspect building materials are assumed to be asbestos-containing until proven otherwise. As such, a Pre-Demolition Asbestos Inspection must be performed and NESHAPS notification submitted 10 business days prior to commencement of demolition of all structures. Regarding LBP, KAS recommends that paints present in the AIP 87 buildings be assumed to be lead based and the demolition contractor be required to comply with applicable local, state and federal safety and disposal requirements.

Thank you for this opportunity to be of service. Please call me should you have questions.

Sincerely,

Aaron Roth
Environmental Professional

Enc/ cc: KAS #509110229

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

AIP #87
Various Properties
South Burlington, Vermont 05403

October 14, 2011

Prepared for:

Stantec Consulting Inc.
55 Green Mountain Drive
South Burlington, Vermont 05403

Prepared by:

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KAS Proj. #509110229

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1.0 EXECUTIVE SUMMARY

KAS, Inc. of Williston, Vermont conducted a Phase I Environmental Site Assessment (ESA) of land and premises at ten residential properties located in the City of South Burlington, Vermont (collectively referred to as AIP # 87). The ESA was conducted pursuant to the American Society of Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-05). This assessment was conducted for Stantec Consulting Inc., herein referred to as client. According to records, the City of Burlington currently owns the properties in AIP 87 with the exception of 5 Delaware Street, 6 Elizabeth Street and 2 Patrick Street. Purchase agreements for 5 Delaware Street, 6 Elizabeth Street and 2 Patrick Street are reportedly pending between the current owners and the City of Burlington. The user of this document is the Burlington International Airport.

AIP # 87 consists of ten individual residential properties located at the following addresses: 10 North Henry Court, 13, 57 and 72 Dumont Avenue, 5 Delaware Avenue, 23 Maryland Avenue, 6 Elizabeth Street, 2 and 6 Patrick Street and 392 White Street (see Appendix 1 - Site Location Map and Appendix 2 - Site Plan). All of the properties are single family residences with the exception of 392 White Street, which is a duplex. The properties are located on typical residential size lots generally ranging from 0.16-acre to 0.38-acre lots with the exception of 392 White Street, which is located on a 1.35-acre lot. The properties are in a predominantly suburban residential portion of the City of South Burlington. Prior to the current residential development, the subject properties appear to have been undeveloped land. East of the residential neighborhoods is the Burlington International Airport. To the north of the residential area is commercial development including retail stores, public works facility, and interstate 89. To the south is Williston Road and commercial development.

None of the properties were identified in the federal, state or tribal regulatory database listings. A few properties in the vicinity appear in the regulatory database report but none appear to present a tangible environmental risk to the subject properties.

The properties in AIP # 87 are served by municipal water and sewer services and natural gas service with the exception of 72 Dumont Avenue. 72 Dumont Avenue is serviced by municipal water and sewer, but does not have natural gas service. The residence has a heating oil tank and boiler that services the building. The majority of Heating, Ventilation and Air Conditioning (HVAC) equipment is relatively new and several of the residences have been renovated in the last 20 years. Four of the 10 property buildings including 6 Elizabeth Street, 5 Delaware Street, 23 Maryland Street and 72 Dumont Street contained approximately 275-gallon heating oil aboveground storage tanks (ASTs). Based on an owner interview, a 275-gallon AST also previously existed at 57 Dumont Street. The four current ASTs observed, were in good condition with only de minimis staining under the tank. The ASTs all contained less than an eighth of tank of fuel oil. The potential exists that ASTs historically were present at the other residences; however, no evidence of former ASTs or fuel oil was encountered. Furthermore, no evidence of underground storage tanks (USTs) was identified at the subject properties.

The following table is a summary of the environmental issues associated with each property:

Property	Environmental Issues	Recommendations
10 North Henry Court	• Suspect ACBM • Suspect LBP	• Pre-Demolition Asbestos Inspection • Assume LBP is present
13 Dumont Avenue	• Suspect ACBM • Suspect LBP	• Pre-Demolition Asbestos Inspection • Assume LBP is present
57 Dumont Avenue	• Suspect ACBM • Suspect LBP	• Pre-Demolition Asbestos Inspection • Assume LBP is present
72 Dumont Avenue	• ~275-gallon fuel oil AST (<1/8 full) • Suspect ACBM • Suspect LBP	• Fuel oil pumped out and AST removed prior to demolition • Pre-Demolition Asbestos Inspection • Assume LBP is present
5 Delaware Street	• ~275-gallon fuel oil AST (<1/8 full) • Suspect ACBM • Suspect LBP	• Fuel oil pumped out and AST removed prior to demolition • Pre-Demolition Asbestos Inspection • Assume LBP is present
23 Maryland Street	• ~275-gallon fuel oil AST (<1/8 full) • Suspect ACBM • Suspect LBP	• Fuel oil pumped out and AST removed prior to demolition • Pre-Demolition Asbestos Inspection • Assume LBP is present
6 Elizabeth Street	• ~275-gallon fuel oil AST (<1/8 full) • Suspect ACBM • Suspect LBP	• Fuel oil pumped out and AST removed prior to demolition • Pre-Demolition Asbestos Inspection • Assume LBP is present
2 Patrick Street	• Suspect ACBM • Suspect LBP	• Pre-Demolition Asbestos Inspection • Assume LBP is present
6 Patrick Street	• Suspect ACBM • Suspect LBP	• Pre-Demolition Asbestos Inspection • Assume LBP is present
392 White Street	• Suspect ACBM • Suspect LBP	• Pre-Demolition Asbestos Inspection • Assume LBP is present

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 at 10 North Henry Court, 13, 57 and 72 Dumont Avenue, 5 Delaware Street, 23 Maryland Street, 6 Elizabeth Street, 2 and 6 Patrick Street and 392 White Street in the City of South Burlington, Chittenden County, Vermont. Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the properties.

A recognized environmental condition is defined in ASTM E 1527 as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on 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 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."

As part of the Phase I ESA, KAS also provided an opinion regarding asbestos-containing building materials (ACBMs) and lead-based paint (LBP) in accordance with 13.1.5 List of Additional Issues in the ASTM E 1527-05 Standard. In accordance with National Emissions Standard for Hazardous Air Pollutants (NESHAPS) – Asbestos and 18 VSA Chapter 26, suspect building materials are assumed to be asbestos-containing until proven otherwise. As such, a Pre-Demolition Asbestos Inspection must be performed and NESHAPS notification submitted 10 business days prior to commencement of demolition of all structures. Based on the ages of the buildings (pre-1978), LBP may be present in these buildings. KAS recommends that paints present in the AIP # 87 buildings be assumed to be lead based and the demolition contractor be required to comply with applicable local, state and federal safety and disposal requirements. Appropriate waste characterization testing for lead should be conducted prior to demolition of the structures.

2.0 INTRODUCTION

KAS, Inc. of Williston, Vermont (KAS) conducted a Phase I Environmental Site Assessment (ESA) of land and premises at ten residential properties located in the City of South Burlington, Vermont (collectively referred to as AIP # 87; see Appendix A Site Location Map[1] and Appendix B Site Sketches[2]). The ESA was conducted pursuant to the American Society of Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E 1527-05). This assessment was conducted for Stantec Consulting Inc. herein referred to as client. According to records reviewed at the City of South Burlington, the City of Burlington currently owns the properties in AIP #87 with the exception of 5 Delaware Street and 6 Elizabeth Street. Purchase agreements for 5 Delaware Street and 6 Elizabeth Street are reportedly pending between the current owners and the City of Burlington. The user of this document is the Burlington International Airport.

2.1. Purpose

The purpose of this ESA was to identify recognized environmental conditions (RECs), historic RECs and de minimis conditions in association with the property as defined and described in the ASTM standard.

2.2. Detailed Scope-of-Services

KAS was engaged by client to conduct a Phase I ESA as defined in ASTM E-1527-05. The Phase I ESA work scope included the following elements:

- A general description of the site and vicinity, current property and adjoining property uses, description of improvements.
- An evaluation of user supplied information including land records, liens, limitations, specialized knowledge, and valuation information.
- A review of practically reviewable regulatory and historic records in connection with the property.
- A site reconnaissance including general site setting, interior and exterior observations.
- Interviews with owner, site manager, occupants, local government officials and others as available.
- Presentation of Findings, Opinion, Conclusions, Deviations and the results of any out of scope contract obligations between client and KAS.

Unless otherwise stated in Section 12.0 of this document, no invasive environmental testing was conducted, and no assessment or testing of asbestos, lead paint, radon or other structural environmental hazards was conducted. If any of these tasks were contracted between KAS and

[1] USGS, 1987
[2] Appraisal Reports prepared by Navin O-Grady Appraisal Services

client, the methodology, limitations and results of such tasks may be presented in Section 12.0 of this document.

3.0 SITE DESCRIPTION

3.1. Location

AIP #87 consists of ten individual residential properties located at the following addresses: 10 North Henry Court, 13, 57 and 72 Dumont Avenue, 5 Delaware Street, 23 Maryland Street, 6 Elizabeth Street, 2 and 6 Patrick Street and 392 White (see Appendix 1 - Site Location Map and Appendix 2 - Site Plan). The properties are located on typical residential size lots generally ranging from 0.16-acre to 0.38-acre lots with the exception of 392 White Street, which is located on a 1.35-acre lot.

3.2. Site and Vicinity General Characteristics

The property is located in a predominantly suburban residential portion of the City of South Burlington, Vermont (see Site Location Map in Appendix 1). The character of the area is fully developed with residential structures on suburban lots. Neighboring properties are also residential. East of the residential neighborhoods is the Burlington International Airport. To the north of the residential area is commercial development including retail stores, public works facility, and Interstate 89. To the south is Williston Road and commercial development. The general topography in the area is flat. Depth to groundwater is likely to be more than 10' below grade. The groundwater flow direction beneath the property is most likely toward the north based on the location of the Winooski River. The depth to groundwater and predicted flow direction were not confirmed during this Phase I ESA.

3.3. Current Use of the Property

Site reconnaissance was performed on September 23, 2011 for all of the properties except 13 Dumont Avenue, which was inspected on September 26, 2011. The properties were a mix of occupied and unoccupied buildings. 2 Patrick Street and 13, 57 and 72 Dumont Avenue were occupied and being used as single-family residences at the time of the site reconnaissance.

3.4. Descriptions of On-Site Structures, Roads and Other Improvements

As of September 23 and 26, 2011 the properties were developed as follows:

10 North Henry Court	
Property Description:	The property consists of a 0.20 acre parcel of land developed with a 1,383-square foot single-family residence with a full basement[3]. The building is a two-story wood frame structure with a poured concrete basement. The structure was reportedly built in 1956. The basement space is partially finished. A paved driveway and single bay wood frame garage are located adjoining the residence. The remainder of the property consists of a grassy yard. No other improvements were noted on the subject property. The subject property was serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the subject property. The natural gas, electric power and telephone utilities had been disconnected.

13 Dumont Avenue	
Property Description:	The property consists of a 0.26 acre parcel of land developed with an approximately 1,400-square foot single-family residence with a full basement. The building is a single-story wood frame structure with a concrete block foundation and a poured concrete basement. The building was reportedly built in 1954. The basement is unfinished and has a sump pump that connected to the sewer. A paved driveway was located adjoining the building and the remainder is grassy yard and an approximately 6' X 6' shed. The subject property is serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the property.

57 Dumont Avenue	
Property Description:	The property consists of a 0.38-acre parcel of land developed with a 912-square foot single-family residence with a full basement. The building is a single-story wood frame structure with a concrete block foundation and a poured concrete basement. The building was reportedly built in 1958. The basement is finished with 9" X 9" floor tiles in the common area. The building has an attached garage, paved driveway and a fenced in grass backyard. The residence was occupied at the time of the site reconnaissance. The subject property is serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the property.

72 Dumont Avenue	
Property Description:	The property consists of a 0.31-acre parcel of land developed with a 912-square foot single-family residence with a full basement. The building is a single-story wood frame structure with a concrete block foundation and a poured concrete basement. The building was reportedly built in 1958. The basement is partially finished and contains a 275-gallon heating oil aboveground storage tank (AST) still in use for heating. The property has a detached garage, paved driveway, landscaping along the front of the building and a grass backyard. No other improvements were noted on the subject property. The subject property is serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the subject property.

[3]Square footages for the residences are based on the Appraisal Reports prepared by Navin O'Grady Appraisal Services

5 Delaware Avenue	
Property Description:	The property consists of a 0.16-acre parcel of land developed with a 1,067-square foot single-family residence with a full basement. The building is a single-story wood frame structure with a concrete block foundation and poured concrete basement. The building was reportedly built in 1957. The basement is finished and contains a 275-gallon heating oil AST, which is no longer used for heating. The property has an attached garage, paved driveway, small shed, shrubs along the perimeter and a grassy backyard. No other improvements were noted on the subject property. The subject property was serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the subject property. The natural gas, electricity and telephone service has been disconnected.

23 Maryland Avenue	
Property Description:	The property consists of a 0.25-acre parcel of land developed with a 1,485-square foot single-family residence. The building is a two-story wood frame structure with a poured concrete basement. The basement is finished and contains a 275-gallon heating oil AST, which is no longer used for heating. The building was reportedly built in 1966. The property has an attached garage, paved driveway and grassy yard. No other improvements were noted in the subject property. The subject property was serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the subject property. The natural gas, electricity and telephone service has been disconnected.

6 Elizabeth Street	
Property Description:	The property consists of a 0.16-acre parcel of land developed with a 1,332-square foot single-family residence. The building is two-story wood frame structure with a full basement. The building was reportedly built in 1956. The basement is unfinished and contains a 275-gallon heating oil AST that is no longer in use. The property has an attached garage, paved driveway and gassy yard. No other improvements were noted on the subject property. The subject property was serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the subject property. The natural gas, electricity and telephone service has been disconnected.

2 Patrick Street	
Property Description:	The property consists of a 0.22-acre parcel of land developed with a 1,008-square foot single-family residence. The building is a single-story wood frame structure with a concrete block foundation and poured concrete basement. The building was reportedly built in 1961. The basement is unfinished and used for storage. A three vehicle garage is located to the rear of the residence. Significant outdoor storage was observed while performing the site reconnaissance. A gravel driveway is present along the east side of the property. No other improvements were noted on the subject property. The subject property is serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the subject property.

6 Patrick Street	
Property Description:	The property consists of a 0.22-acre parcel of land developed with a 1,099-square foot single-family residence. The building is a single-story wood frame structure with a concrete foundation and poured concrete basement. The building was reportedly built in 1952. The basement is unfinished. The property has a detached garage, paved driveway and grassy yard. No other improvements were noted on the subject property. The subject property is serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the subject property. The natural gas, electricity and phone service has been disconnected.

392 White Street	
Property Description:	The property consists of 1.35-acre parcel of land developed with a 1,495-square foot duplex. The duplex consists of a studio apartment with a single living room, bathroom and kitchen and the main apartment/residence, which also includes the finished basement. The building is a single-story wood frame structure with a concrete foundation and basement. The building was reportedly built in 1968. The property has an attached garage, car port, gravel driveway, shed, pump house and grassy yard. The subject property is serviced by municipal water, sewer and natural gas. Electric power and telephone utilities were noted overhead on the subject property.

3.5. Current Uses of Adjoining Properties

Land uses adjacent to the properties as of the date of this assessment were suburban residential except for the Aviation Deli adjoining 2 Patrick Street to the east.

4.0 USER SUPPLIED INFORMATION

4.1. Title Records

KAS reviewed chain of title information for the properties with the exception of 2 and 6 Patrick Street at the City of South Burlington Clerk's office. Chain of title records for 2 and 6 Patrick Street were not readily available. The other title records were traced to first apparent development or earlier. No environmental concerns for the properties were identified in review of the chain of titles. A summary of the land record research for each property is included in Appendix C.

4.2. Environmental Liens or Activity and Use Limitations

No environmental liens or activity and use limitations were discovered during review of land records. User did not provide positive information of the existence of environmental liens or activity and use limitations in connection with the properties.

4.3. Specialized Knowledge

User provided the following specialized knowledge regarding the properties: see Section 7.0.

4.4. Commonly Known or Reasonably Ascertainable Information

User provided the following commonly known or reasonable ascertainable information regarding the properties: see Section 7.0.

4.5. Valuation Reduction for Environmental Issues

User indicated that the transaction was executed at fair market value with no valuation reduction for environmental issues. KAS reviewed portions of the appraisal conducted at each property prior to its purchase. No valuation reduction for environmental issues was noted in the appraisals.

4.6. Owner, Property Manager, and Occupant Information

The User identified the current owners for the subject properties. Burlington International Airport is managing the unoccupied residences and the occupied residences are managed by their tenants. The subject properties were unoccupied at the time of the site reconnaissance with the exception of 13, 57, and 72 Dumont Avenue and 2 Patrick Street.

4.7. Reasons for Performing Phase I

User indicated that this Phase I ESA was being performed in advance of demolition of the subject properties as part of the owner's noise impact reduction program.

4.8. Other User Supplied Information and Documentation

User provided the following other information and documentation: Appraisal Reports and current/past owner contact information.

5.0 RECORDS REVIEW

5.1. Standard Environmental Record Sources

5.1.1 Regulatory Database Search

KAS contracted with Environmental FirstSearch Technology Corporation to perform a review of state and federal regulatory records during this Phase I ESA. A copy of the FirstSearch Search Report is included in Appendix F. A summary of the pertinent data contained in the First Search report is presented below.

Property
The subject properties were not listed on the FirstSearch Report.

Immediately Adjacent Sites
No immediately adjacent sites to the subject properties were identified on the FirstSearch Report.

Other Sites

All of the subject properties are in close proximity to the Burlington International Airport which was listed on the FirstSearch Report as being a RCRA generator (RCRAGN) site, an underground storage tank (UST) site, and a leaking UST site. Based on the FirstSearch Report various quantities of ignitable waste, corrosive waste, reactive waste, and petroleum products are stored at the Burlington International Airport. The storage of these materials classifies the site property as a RCRA generator site. The airport also has USTs present on the property. It is unclear from reading the FirstSearch Report exactly how many USTs are located on the property; however, the report does list fuel oil and aviation fuel as being present in some of the USTs. The FirstSearch report also indicates that several USTs have been removed from the Airport property. The FirstSearch Report indicates no contamination or contamination below state standards was found beneath several of the removed USTs; however, the report states that contamination was encountered above state standards at some of the removed UST locations. It appears the presence of contamination was reported to the Vermont Department of Environmental Conservation (VTDEC); however, no additional information is given on the extent of contamination.

The Hertz Rental Corp, located at the Burlington International Airport, was also listed on the FirstSearch Report has being a RCRA generator site, a UST site, and a state listed site. Based on the FirstSearch report one 10,000-gallon gasoline UST is currently present on the property and one was removed in 1992. The UST removed in 1992 appears to have leaked which resulted in contamination present on the property. The contamination has been monitored since 1992 and groundwater enforcement standards are currently exceeded in several wells. According to the FirstSearch Report there are no sensitive receptor impacts.

The North/South hanger at the Burlington International Airport is a state listed site according to the FirstSearch Report. Based on the report it appears a dry well was removed and contamination was encountered. However, the report indicates that the site was closed as of November 1999 and it does not appear additional work is necessary as a result of this contamination.

The Vermont Air National Guard located at the Burlington International Airport is a state listed site according to the FirstSearch Report. Based on the report remedial activities were conducted at this property in the summer 2004 to clean up petroleum contamination from above ground tanks and spills. According to the report sensitive receptors are impacted and the site is listed as a high priority clean up site by the VTDEC.

Several other sites are included in the FirstSearch report within ½ mile of the subject property. None of these properties appear to pose an environmental threat to the subject property. The listed properties are located downgradient from or at a significant distance away from the property so as to not pose a tangible environmental threat to the subject property.

5.2. Additional Environmental Record Sources

The following reports/documents pertaining to environmental investigations conducted on adjacent properties were reviewed on line at the VTDEC Waste Management Interactive Database (http://www.anr.state.vt.us/dec/wastediv/SMS/WMID_Intro.htm) during this Phase I ESA:

- Subsurface Investigation Report – Hertz Rent-A-Car, Burlington International Airport dated May 20, 1993 and prepared by Groundwater Technology, Inc;
- Site Investigation Report - Burlington International Airport Innotech Fuel Farm dated September 21, 1994 and prepared by Groundwater of Vermont;
- Vermont Department of Environmental Conservation Site Management Activity Completed Letter for the Ethan Allen Air Force Base, dated June 30, 1997;
- Vermont Department of Environmental Conservation Site Management Activity Completed Letter for the North/South Hanger Burlington International Airport, dated November 23, 1999; and,
- Site Status Letter, Vermont Air National Guard Base, May 2002.

These five documents pertain to the reported contamination at properties located at the Burlington International Airport. It appears that two of the properties, Ethan Allen Air Force Base (VTDEC Site #94-1663) and the North/South Hanger (VTDEC Site #97-2200) have received site closure status from the VTDEC.

According to the Subsurface Investigation Report dated June 4, 1993 prepared for the Hertz Car Rental property groundwater was documented to flow towards the northeast and contamination was determined to be limited to the immediate area of the site property.

According to the Site Investigation Report dated September 21, 1994 prepared for the Burlington International Airport Innotech Fuel Farm property groundwater was documented to flow towards the southwest. Contamination was determined to be extensive and the full extent of the plume was not defined.

According to the Site Status letter for the Vermont Air National Guard Base dated May 2002 contamination is present on this property from multiple sources including an former landfill dump areas, former dry wells, former underground storage tanks, and former fuel pits. Both petroleum and chlorinated contamination is present on this property which reportedly extends off the base property towards Poor Farm Road and Country Club Estates property.

Copies of these reports/documents are included in Appendix J.

5.3. Physical Setting Sources

5.3.1 USGS Topographic Maps

The most recent USGS topographic quadrangle map[4] was reviewed during this assessment. No buildings are identified on the map due to the housing density of the area. In general the topography appears to slope gentle to the north and the subject properties are located at approximately 320 feet above mean sea level.

5.3.2 State Geological Maps

Bedrock in the vicinity of the property consists of Ordovician-aged Cutting Dolomite and/or Bascom formation.[5] Both bedrock units are carbonate rocks with varying amounts of sandstone. The overburden deposits in the area of the property are mapped as pebbly marine sand.[6]

5.3.3 Other Physical Setting Sources

KAS reviewed the current City of South Burlington Comprehensive Land Use Plan for information about the subject properties. According to this plan, land use of all the subject properties is currently residential. Future land uses are also indicated as residential.[7]

5.4. Historical Use Information on the Property and Adjoining Properties

5.4.1 Standard Historical Sources

Aerial Photographs

KAS reviewed aerial photographs dated May 1962,[8] April 1999[9] and April 2004.[10] The aerial photograph dated May 1962 depicts the subject properties as developed with the exception of 23 Maryland Street and 392 White Street. The surrounding properties were in a similar configuration to that observed during the site reconnaissance with the exception of Maryland Street proximate to 23 Maryland Street, which had not yet been constructed. An April 1999 and April 2004 aerial photograph of the subject properties was reviewed on line at the KAS' office. The photographs show the subject properties and the surrounding properties consistent with how they were observed during the site reconnaissance. Copies of the aerial photographs are included in Appendix E.

[4] USGS, 1987
[5] Doll et. al. 1961.
[6] Doll et. al. 1970.
[7] South Burlington Comprehensive Plan, Maps 1 and 6.
[8] VT 51-L and 82-L Vermont Law Library
[9] MSR Aerial Photographs
[10] Google Earth Image.

Fire Insurance Maps

KAS has determined that there is no available Sanborn Fire Insurance Map coverage for the subject properties.[11]

Historic USGS Topographic Maps

Two historic USGS topographic quadrangle maps were reviewed during this assessment. These included the 1906 and the 1948 USGS topographic quadrangle maps for Burlington, Vermont.[12] Based on review of these maps, in 1906 the area was largely undeveloped except for scattered buildings along the main roads. The Burlington Airport was not present in 1906. By 1948, the southeastern part of the airport had been developed and there were more structures along the roads. The northern part of the airport had not yet been developed. The resolution of these maps is not sufficient to determine the identity of individual homes included in this assessment.

6.0 SITE RECONAISSANCE

6.1. Methodology and Limiting Conditions

On September 23, 2011, Mr. Aaron Roth of KAS conducted site reconnaissance of 10 North Henry Court, 57 and 72 Dumont Avenue, 5 Delaware Street, 23 Maryland Street, 6 Elizabeth Street and 2 and 6 Patrick Street. On September 26, 2011, Mr. Jeremy Roberts of KAS conducted site reconnaissance of 13 Dumont Avenue. The site reconnaissance was to inspect the individual properties for indications of environmental risks or hazardous conditions. A completed site inspection checklist is included in Appendix H. KAS was accompanied by Kurt Miller, Burlington International Airport's Project Coordinator during the site reconnaissance with the exception of 72 Dumont Avenue in which KAS was accompanied by the property owner. Photographs of the properties are included in Appendix D.

6.2. General Site Setting

6.2.1 Current Uses

All properties were single-family residences with the exception of 392 White Street, which was a duplex. 13, 57 and 72 Dumont Avenue and 2 Patrick Street were occupied at the time of the site reconnaissance. The other six properties were unoccupied.

6.2.2 Past Uses

Past uses appear to be residential in nature. No evidence of other uses was observed.

[11] FirstSearch No Coverage Letter.
[12] University of New Hampshire Collections.

6.2.3 Current and Past Uses of the Adjoining Properties

Current uses of adjacent properties are included in Section 3.5. Past uses appear to be similar to current uses.

6.2.4 Current and Past Uses in the Surrounding Area

The surrounding area is predominately residential with the airport to the east. Past uses appear to be similar to current uses.

6.2.5 Geologic, Hydrogeologic and Topographic Conditions

All properties are generally flat. No bedrock was observed.

6.2.6 General Description of Structures

The residences all consisted of wood framed structures. All the residences contained a basement and concrete foundation. The residences generally contained between 2 and 4 bedrooms. The properties with the exception of 13 Dumont Avenue had either an attached or detached garage. Several of the properties contained small wood or metal sheds.

6.2.7 Roads

10 North Henry Court is located at the corner of North Henry Court and Dumont Avenue. 13 Dumont Avenue is located along the west side of Dumont Avenue, 7 Dumont Avenue is located along the south side of Dumont Avenue and 72 Dumont Avenue is located along the north side of Dumont Avenue. 5 Delaware Avenue is located on the northwest corner of Delaware Avenue and Maryland Avenue. 23 Maryland Avenue is located along the east side of Maryland Avenue. 6 Elizabeth Street is located along the north side of Elizabeth Street. 2 and 6 Patrick Street are located along the north side of Patrick Street. The main thoroughfare to access the neighborhoods is Airport Drive and Airport Parkway.

6.2.8 Potable Water Supply

Potable water supply is reportedly municipal for the subject properties. Water meters were noted inside the basement at each residence.

6.2.9 Sewage Disposal System

Sewage disposal system is reportedly municipal for the subject properties. 392 White Street had additional pumping infrastructure pertaining to sewage disposal, but given the flat gradient it is most likely to assist flow to the main located along White Street.

6.3. Exterior Observations

6.3.1 Current Usage

The exterior of the subject properties is primarily used as a driveway and parking area. A lawn area is located behind the on site buildings.

6.3.2 Hazardous Substances and Petroleum Products

No evidence of hazardous substance and/or petroleum products was noted on the subject properties with the exception of vents and fill ports associated with heating oil ASTs in the basement of 72 Dumont Avenue, 5 Delaware Street, 23 Maryland Street and 6 Elizabeth Street. The AST at 72 Dumont Avenue is active and the other ASTs are out of service.

6.3.3 Storage Tanks

No evidence of storage tanks were noted on the exterior of the subject properties with the exception of the vents and fill ports mentioned in Section 6.3.2.

6.3.4 Odors

No unusual odors were noted on the subject properties.

6.3.5 Pools of Liquid

No pools of liquid were noted on the subject properties.

6.3.6 Drums

No drums were noted on the subject properties.

6.3.7 PCBs

No evidence of PCB containing materials or products was noted on the subject properties. Pole-mounted transformers were noted in the general vicinity of the subject properties. The transformers were noted to be in good condition with no obvious leakage or staining.

6.3.8 Pits, Ponds and Lagoons

No pits, ponds, or lagoons were noted on the subject properties.

6.3.9 Stained Soil or Pavement

No stained soil or pavement was noted on the subject properties.

6.3.10 Stressed Vegetation

No evidence of stressed vegetation was noted on the subject properties.

6.3.11 Solid Waste

No evidence of solid waste was noted on the properties.

6.3.12 Drains and Waste Water

No evidence of waste water was noted on the subject property.

6.3.13 Wells

No wells were noted on the subject property.

6.3.14 Septic Systems

No evidence of septic systems was noted for the subject properties. 392 White Street had pumping infrastructure, which may be due to the location of the property approximately 250 feet from White Street and flat gradient. No evidence of a leach field or holding tank was noted.

6.4. Interior Observations

6.4.1 Current Usage

13, 57 and 72 Dumont Avenue and 2 Patrick Street were occupied and used as a single-family residence at the time of the site reconnaissance. The remaining properties were vacant and unoccupied.

6.4.2 Hazardous Substances and Petroleum Products

No hazardous substances or petroleum products were noted on the interior of the properties with the exception of the occupied properties which maintained retail-sized quantities of household cleaning supplies and 72 Dumont Avenue, 5 Delaware Street, 23 Maryland Street and 6 Elizabeth Street, which have heating oil ASTs.

6.4.3 Storage Tanks

Approximately 275-gallon heating oil ASTs were identified in 72 Dumont Avenue, 5 Delaware Street, 23 Maryland Street and 6 Elizabeth Street during the site reconnaissance. The ASTs were in good condition with only de minimis staining observed below. In addition, the property owner at 57 Dumont Avenue noted that a heating oil AST previously existed at the residence. The location of the former AST was observed on significant staining was identified.

6.4.4 Odors

No odors were noted during the site reconnaissance with the exception of mold/mildew odors from isolated areas within the subject property buildings.

6.4.5 Pools of Liquid

No pools of liquid were noted during the site reconnaissance.

6.4.6 Drums

No drums were noted during the site reconnaissance.

6.4.7 PCBs

No electrical or hydraulic equipment that may contain PCBs were noted during the site reconnaissance. Given the age of the buildings on the subject properties, the potential exists for PCB-containing building materials to be present.

6.4.8 Heating and Cooling

The subject properties are heated via natural gas with isolated areas heated by electric baseboard heaters with the exception of 72 Dumont Avenue, which has a heating oil HVAC unit. Three of the other residences had a heating oil AST in the basement and another reportedly had a heating oil AST removed approximately 5 years ago, but the residences currently use natural gas.

6.4.9 Stains and Corrosion

No stains or corrosion was noted during the site reconnaissance.

6.4.10 Drains and Sumps

No drains were noted during the site reconnaissance. Sumps were identified at 13 and 57 Dumont Avenue, 2 and 6 Patrick Street and 392 White Street. The sumps appeared to discharge to the municipal sewer system.

7.0 INTERVIEWS

7.1. Interview with Property Owner

Purchases of the subject properties are pending between the current owners and the Burlington International Airport. KAS performed property owner interviews with Mr. Dzevad Kelestura (13 Dumont Avenue), Ms. Rachel Methot (57 Dumont Avenue), Ms. Sandra Pierce (72 Dumont Avenue) and Mr. Urban Saltus (2 Patrick Street). Attempts to contact the other property owners were made, but failed. The contact information in the Burlington International Airport file varied in age. Important points raised during this interview included the following:

- Ms. Rachel Methot identified a former heating oil AST at 57 Dumont Avenue, which was removed approximately 5 years ago.
- To the best of their knowledge, the subject properties have always been used for residential purposes.
- Heating was natural gas with the exception of 72 Dumont Avenue, Ms. Pierce indicated that the property remains heated with heating oil and the approximately 275-gallon heating oil AST was observed.
- No hazardous substances are stored on the subject properties to their knowledge.

7.2. Interview with Site Manager

See Section 7.5

7.3. Interview with Occupants

The owners interviewed (see Section 7.1) were the occupants of the residences at the time of the site reconnaissance. The other subject properties were unoccupied.

7.4. Interview with Local Government Officials

KAS interviewed Chief Douglas Brent and Captain Gary Rounds of the City of South Burlington Fire Department in person at the South Burlington Fire Department on September 26, 2011. Chief Brent and Captain Rounds have been with the department for more than 40 years. Neither Chief Brent nor Captain Rounds recall having responded to a hazardous materials incident at any of the properties in this AIP group or the surrounding properties during their tenure at the department.

7.5. Interview with Others

The user of this document (Ms. Heather Kendrew of the Burlington International Airport) completed an interview form on October 14, 2011. A copy of the interview questionnaire is provided in Appendix G. Important information noted in the interview included the following.

- No environmental cleanups liens or activity and use limitations are known to exist for the properties.
- No environmental cleanups are known to have occurred at the properties.

8.0 FINDINGS

No RECs were identified during this Phase I ESA as defined by ASTM and as outlined in Sections 9.0 and 10.0.

9.0 OPINION

The properties have been adequately assessed and it has been determined that the dominant historic and current uses have been for residential housing.

Four of the subject properties contained approximately 275-gallon heating oil ASTs and a property owner identified a heating oil AST previously on the property. The existing ASTs were in good condition. Typical of Chittenden County urban areas, natural gas was installed in the 1960's and many of the tanks and oil burners were removed or left in place. De minimis staining below the existing heating oil ASTs was observed; however, no other evidence of fuel oil contamination was encountered during the site reconnaissance, and no indications of foundation wall penetrations by oil lines which could be indicative of USTs outside the buildings.

There are no nearby properties on record of environmental concern that present tangible environmental risk. The nearest properties are located some distance away, and in locations that do not appear to jeopardize the environmental status of these properties.

9.1 Additional Investigation

No additional investigations are deemed necessary to ascertain the presence or absence of RECs. Per ASTM E-1527-05, this opinion regarding additional investigations is only intended to convey those additional investigations that may be necessary to ascertain the presence or absence of a REC. It does not convey any recommendation relative to the need to evaluate identified RECs at the property.

10.0 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of land and premises at ten residential properties located at 10 North Henry Court, 13, 57 and 72 Dumont Avenue, 5 Delaware Street, 23 Maryland Street, 6 Elizabeth Street, 2 and 6 Patrick Street and 392 White Street in the City of South Burlington, Vermont (collectively referred to as AIP # 87). Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

A recognized environmental condition is defined in ASTM E 1527 as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on 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 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."

11.0 DEVIATIONS

11.1. Deviations/Data Gaps

Noted deviations to the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-2005) included: None.

A data gap was encountered in KAS' inability to contact past property owners of six of ten properties and chain of title records were not readily available for 2 or 6 Patrick Street. The lack of information from the previous property owners and land records is considered to be low priority data and does not appear to have significantly impact the findings of this report. The historical resources for the subject properties appear sufficient to develop a history of the previous uses of the property and surrounding area.

11.2. Significant Assumptions

KAS undertook performance of this Phase I ESA according to the following assumptions: None.

11.3. Limitations and Exclusions

KAS has prepared this Phase I ESA report in accord with ASTM E-1527-05 using the best efforts of Environmental Professionals and information available at the time of preparation. This report is intended to convey a point-in-time environmental evaluation of the property, as well as relevant information on past uses. The user of this document must recognize the limitations inherent in conducting a Phase I ESA, as stated in ASTM E-1527-05, which include but are not necessarily limited to:

- This document does not address regulatory compliance issues and KAS makes no assurances relative to the federal, state or local regulatory compliance of the property (ref. Section 1.4).
- All appropriate inquiry as defined by ASTM E-1527-05 is not an exhaustive assessment of a clean property (ref. Section 4.5.2).
- A variable level of inquiry may be conducted depending on the specific characteristics and features of the property and the information developed during the course of the assessment (ref. Section 4.5.3).
- An assessment meeting or exceeding the requirements of ASTM E-1527-05 and completed less than 180 days prior to the date of acquisition or intended transaction is presumed to be valid (ref. Section 4.6).
- All appropriate inquiry as defined by ASTM E-1527-05 is not exhaustive and does not require assessment of historic uses more frequently than every five years (ref. Section 8.3.2.1).

11.4. Special Contractual Conditions

None.

11.5. User Reliance

This report is for the use and benefit of client as defined herein. Affiliates of client, and third parties authorized in writing by KAS and client, may rely upon this report to the extent that client is entitled to do so, provided said parties agree to abide by the limitations and exclusions as stated herein.

12.0 ADDITIONAL SERVICES

At Client request, KAS conducted a preliminary visual assessment of the potential for asbestos-containing building materials (ACM) and lead-based paint (LBP) in each of the assessed homes. This work did not include inspections as defined by relevant ACM/LBP regulations, and no sampling was conducted. The purpose of performing this work was to provide a preliminary indication of the need to conduct ACM/LBP inspections in the future. This work was performed pursuant to §13.1.5 “List of Additional Issues” contained in ASTM E 11527-05.

In accordance with National Emissions Standard for Hazardous Air Pollutants (NESHAPS) – Asbestos and 18 VSA Chapter 26, suspect building materials identified in the AIP # 87 buildings are assumed to be asbestos-containing until proven otherwise. As such, a Pre-Demolition Asbestos Inspection must be performed and NESHAPS notification submitted 10 business days prior to commencement of demolition of all structures.

Based on the ages of the buildings (pre-1978), LBP may be present in these buildings. KAS recommends that paints present in the AIP # 87 buildings be assumed to be lead based and the demolition contractor be required to comply with applicable local, state and federal safety and disposal requirements. Appropriate waste characterization testing for lead should be conducted prior to demolition of the structures.

13.0 REFERENCES

1. United States Geological Survey (USGS), Topographic Map of South Burlington, Vermont, 1987, viewed on line at www.msrmaps.com
2. City of South Burlington Land Records viewed in person at the South Burlington City Clerk's office, 575 Dorset Street, South Burlington, Vermont.
3. Environmental FirstSearch Technology Corporation, Norwood, MA, FirstSearch Database Report for South Burlington, Vermont, acquired by KAS on September 20, 2011.
4. Environmental data for Burlington International Airport viewed on line at the Vermont DEC Waste Management Interactive Database http://www.anr.state.vt.us/WMID/HazSites.aspx
5. Doll, Charles G., ed., 1961, Centennial Geologic Map of Vermont, State of Vermont, on file at KAS' offices, Williston, Vermont.
6. Doll, Charles G., ed., 1970, Surficial Geologic Map of Vermont, State of Vermont, on file at KAS' offices, Williston, Vermont.
7. City of South Burlington Comprehensive Land-Use Plan, March 2011, viewed on line at http://www.southburlingtonvt.govoffice2.com/
8. Vermont Law Library, State St. Montpelier, Vermont, 1962 low altitude aerial photograph collection.
9. USGS, Aerial Photograph of South Burlington, Vermont, April 1999, viewed on line at www.msrmaps.com
10. Google Earth Image, South Burlington, Vermont April 2004.
11. Historic USGS Topographic Maps of South Burlington, Vermont acquired from the University of New Hampshire on line at http://docs.unh.edu
12. KAS, Inc., Property Owner Interviews with Mr. Dzevad Kelestura (13 Dumont Avenue), Ms. Rachel Methot (57 Dumont Avenue), Ms. Sandra Pierce (72 Dumont Avenue) and Mr. Urban Saltus (2 Patrick Street).
13. KAS, Inc. personal interview with Chief Douglas Brent and Captain Gary Rounds of the City of South Burlington Fire Department on September 26, 2011; (802) 846-4110.
14. KAS, Inc. standard user questionnaire for ASTM E 1527-05 completed by Ms. Heather Kendrew, Director of Maintenance, Engineering and Environmental.
15. Appraisal Reports for 10 North Henry Street, 13, 57 and 72 Dumont Avenue, 5 Delaware Street, 23 Maryland Street, 2 and 6 Patrick Street and 392 White Street, Navin O'Grady Appraisal Services, dated between July 29, 2010 and January 13, 2011.

14.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

We hereby certify that this Phase I Environmental Site Assessment report, as presented, is a complete and accurate record of our findings, to the best of our knowledge.

Prepared by:

Aaron Roth, Inspector, Environmental Professional

Reviewed by:

Alan Liptak, Environmental Professional

15.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of this part. We have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Aaron Roth, Environmental Professional

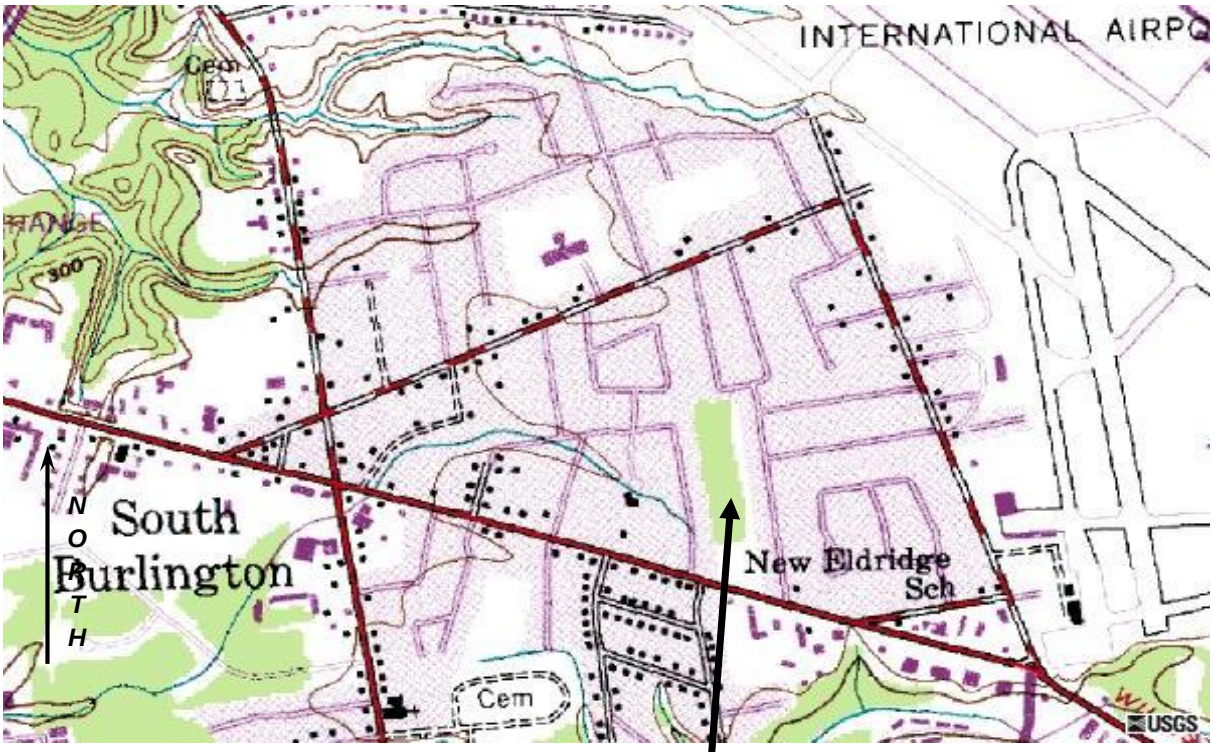
Alan Liptak, Environmental Professional

16.0 APPENDICIES

A. Site Location Maps
B. Site Plan
C. Land Record Research
D. Site Photographs
E. Historical Research Documentation
F. Regulatory Records Documentation
G. Interview Documentation
H. Site Reconnaissance Checklist
I. Qualifications of Environmental Professionals
J. Additional Environmental Records

APPENDIX A

SITE LOCATION MAPS



Subject Property Area

KAS Job Number *509110229*

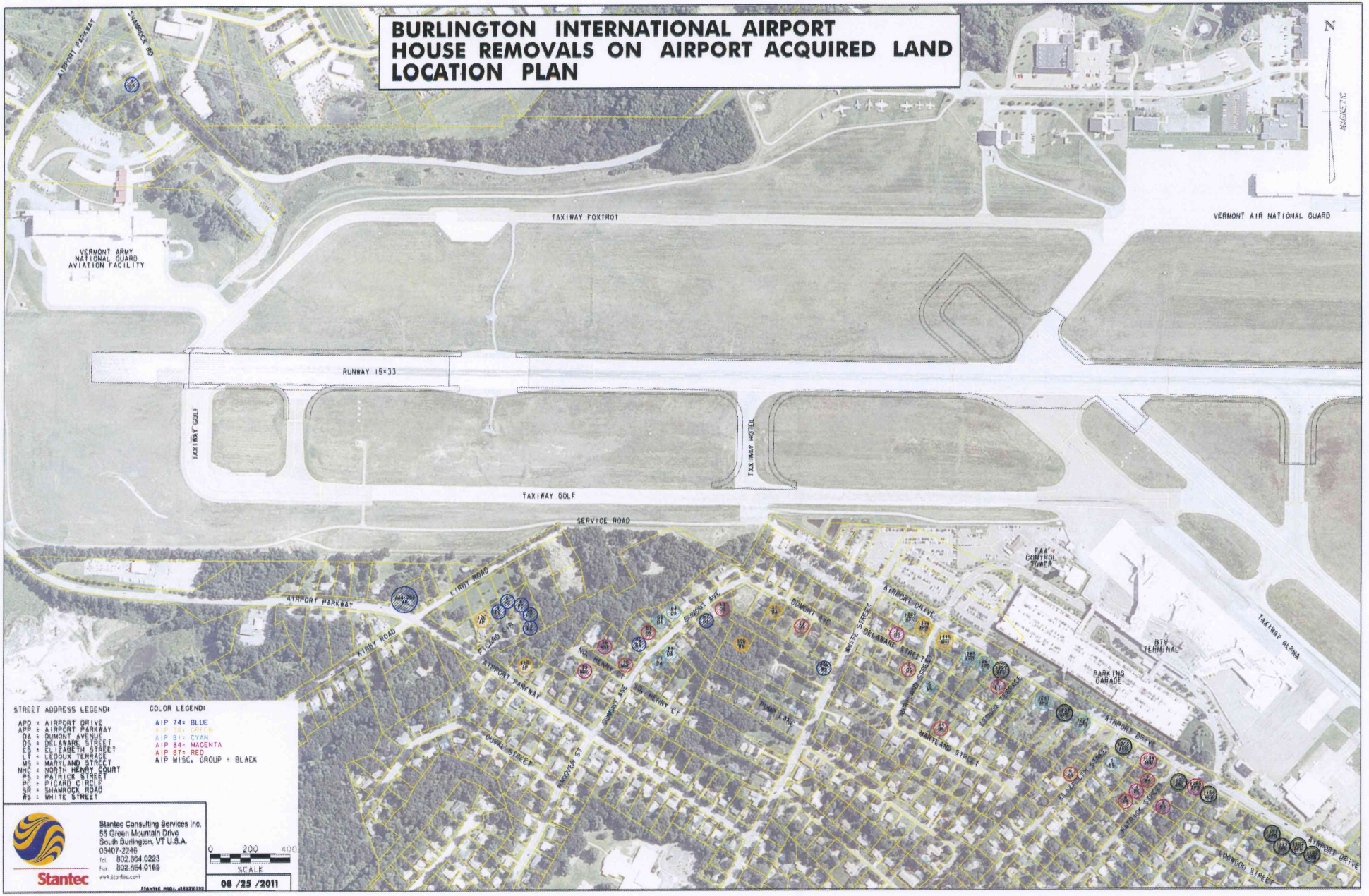
Source: *http://msrmaps.com/*

KAS INC

Burlington International Airport
AIP 87, South Burlington, VT

Site Location map
July 1987 USGS Map

Date: 09/29/11	Drawing No. 0	Scale: 1:24,000	By: JR

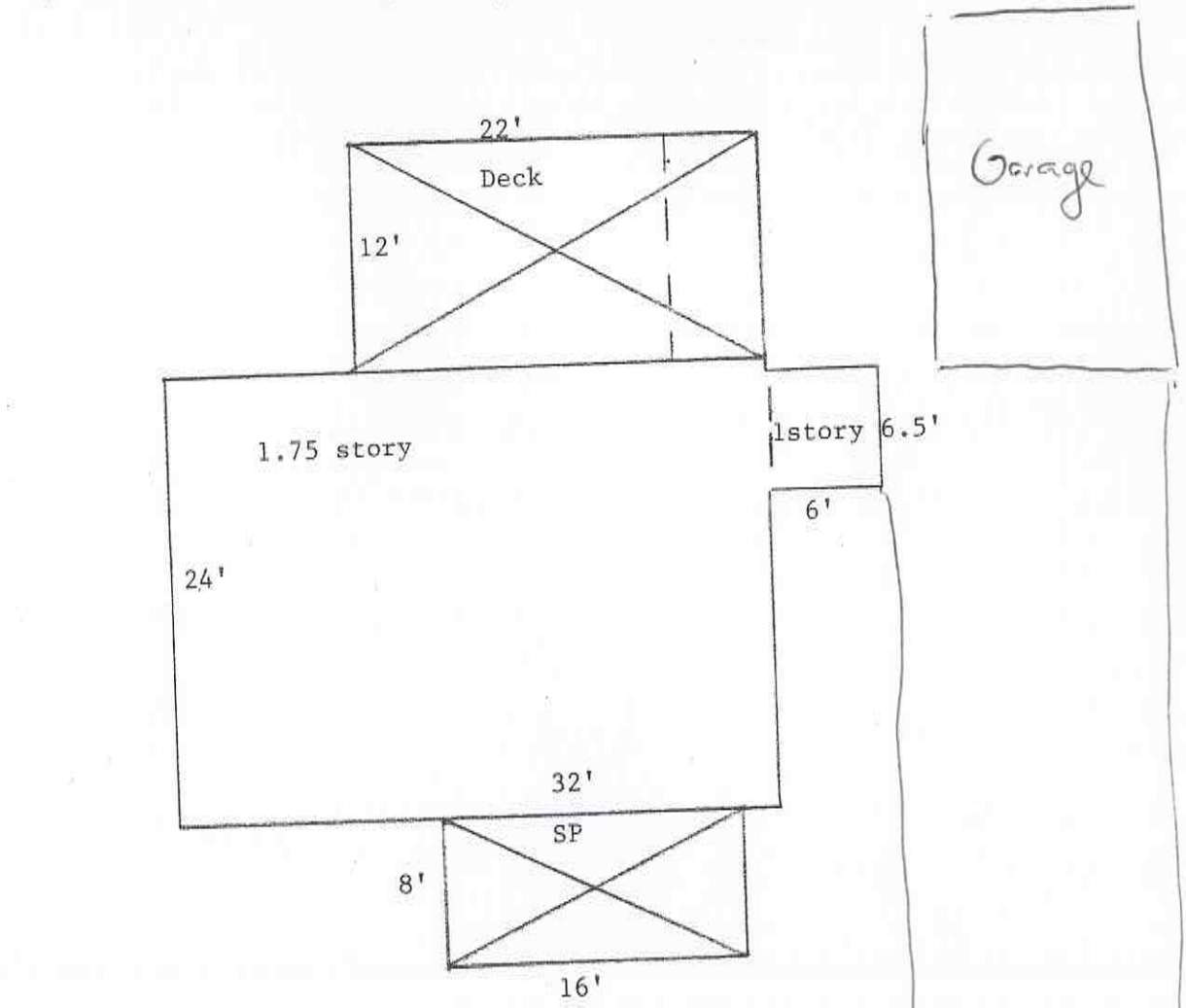

BURLINGTON INTERNATIONAL AIRPORT
HOUSE REMOVALS ON AIRPORT ACQUIRED LAND
LOCATION PLAN
AIRPORT PARKWAY
SHAMROCK RD
VERMONT ARMY NATIONAL GUARD AVIATION FACILITY
TAXIWAY FOXTROT
VERMONT AIR NATIONAL GUARD
RUNWAY 15-33
TAXIWAY GOLF
TAXIWAY HOTEL
TAXIWAY GOLF
SERVICE ROAD
KIRBY ROAD
AIRPORT PARKWAY
KIRBY ROAD
PICARD CIR
AIRPORT PARKWAY
NORTH HENRY CT
SUMMIT AVE
DUMONT AVE
SUMMIT AVE
SOUTH HENRY CT
PATRICK ST
DUMONT AVE
DUMONT STREET
SHAMROCK ST
WHITE ST
DELAWARE STREET
PLUMB LANE
WHITE STREET
MARYLAND STREET
FAA CONTROL TOWER
AIRPORT DRIVE
BTV TERMINAL
PARKING GARAGE
TAXIWAY ALPHA
AIRPORT DRIVE
ELIZABETH STREET
LEDOUX TERRACE
SHAMROCK ST
AIRPORT DRIVE
ELIZABETH STREET
SHAMROCK ST
HOLLYWOOD STREET
AIRPORT DRIVE
N
MAGNETIC
STREET ADDRESS LEGEND:
APD = AIRPORT DRIVE
APP = AIRPORT PARKWAY
DA = DUMONT AVENUE
DS = DELAWARE STREET
ES = ELIZABETH STREET
LT = LEDOUX TERRACE
MS = MARYLAND STREET
NHC = NORTH HENRY COURT
PS = PATRICK STREET
PC = PICARD CIRCLE
SR = SHAMROCK ROAD
WS = WHITE STREET
COLOR LEGEND:
AIP 74= BLUE
AIP 84= GREEN
AIP 81= CYAN
AIP 84= MAGENTA
AIP 87= RED
AIP MISC. GROUP = BLACK
Stantec
Stantec Consulting Services Inc.
55 Green Mountain Drive
South Burlington, VT U.S.A.
05407-2246
tel. 802.864.0223
fax. 802.864.0165
www.stantec.com
STANTEC PROJ. #165210592
0 200 400
SCALE
08 /25 /2011

APPENDIX B

SITE PLAN

10 N. Henry Court

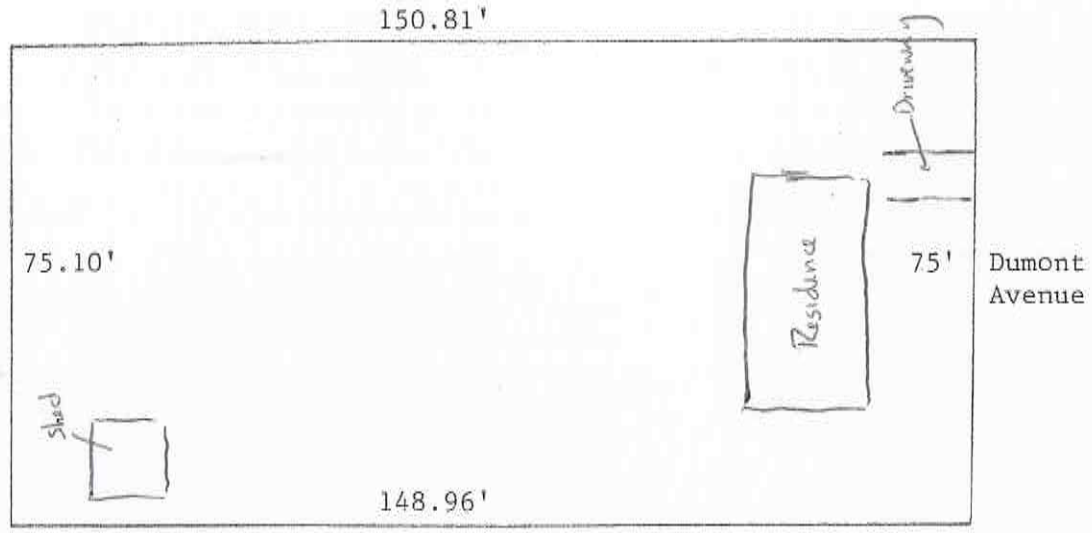
Site Plan



Obtained from Navin O'Grady Appraisal Services

13 Dumont St.

Site Plan

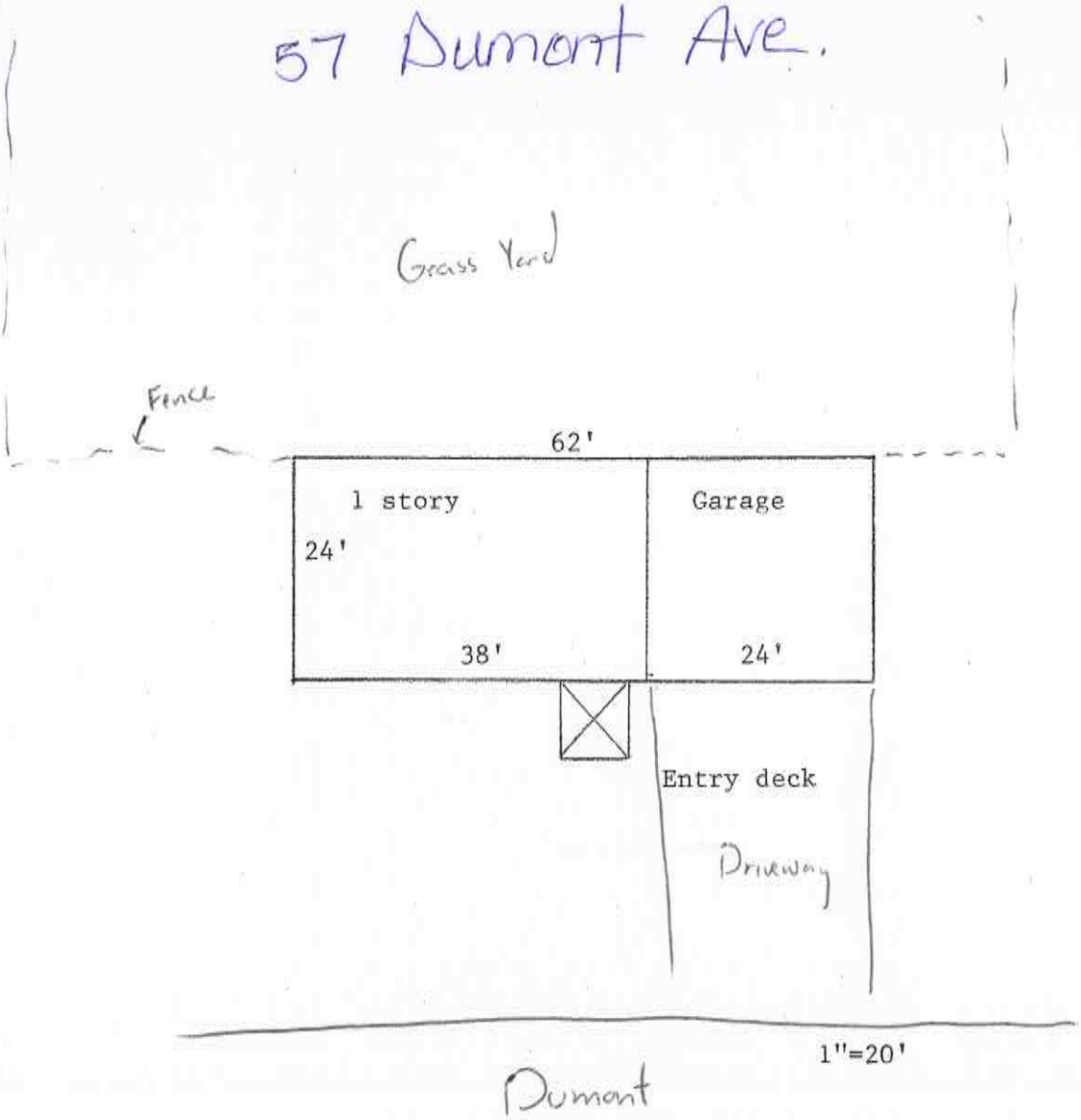


N

1"=30'

Obtained by Navin O'Grady Appraisal Services

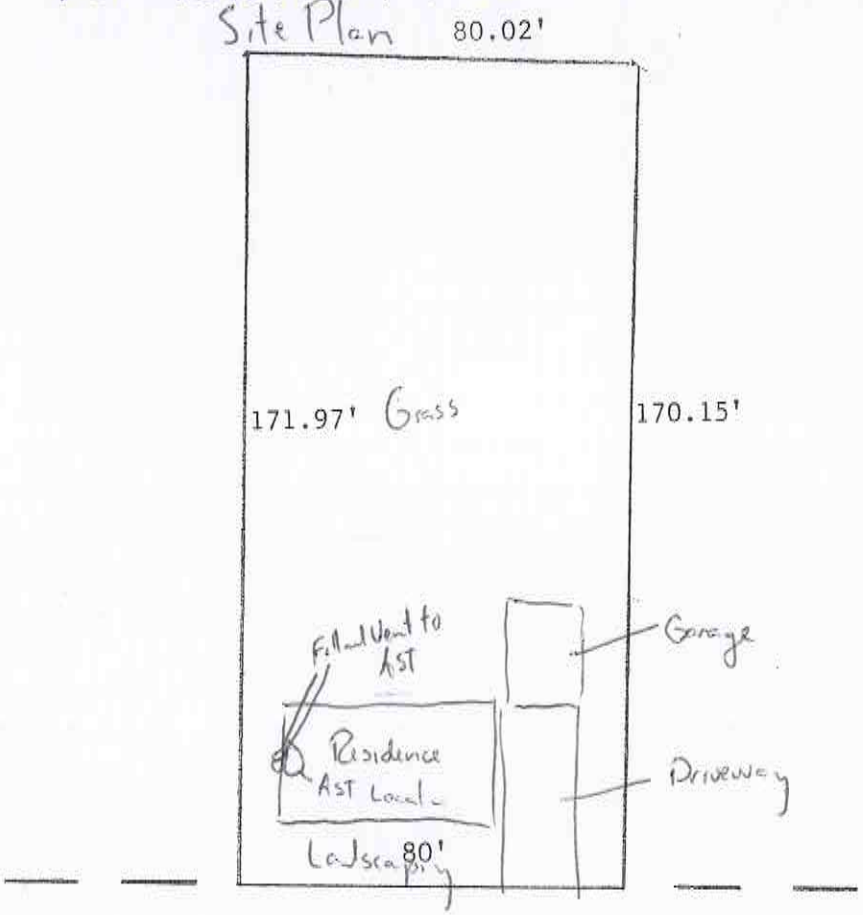
57 Dumont Ave.



Obtained by Navin O'Grady Appraisal Services

72 Dumont Ave.

Site Plan

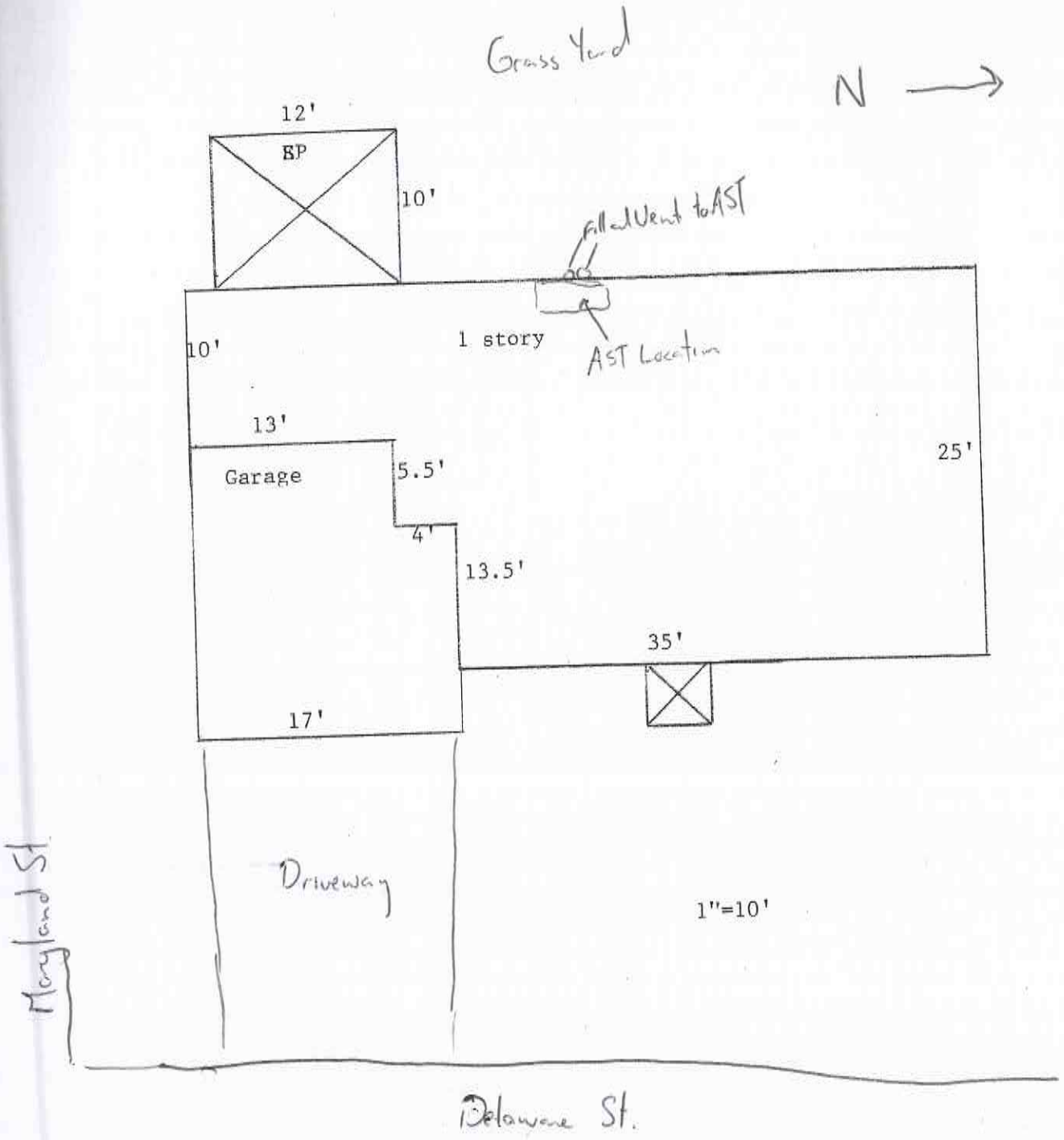


Dumont Avenue

1"=40'

Obtained by Navin O'Grady Appraisal Services

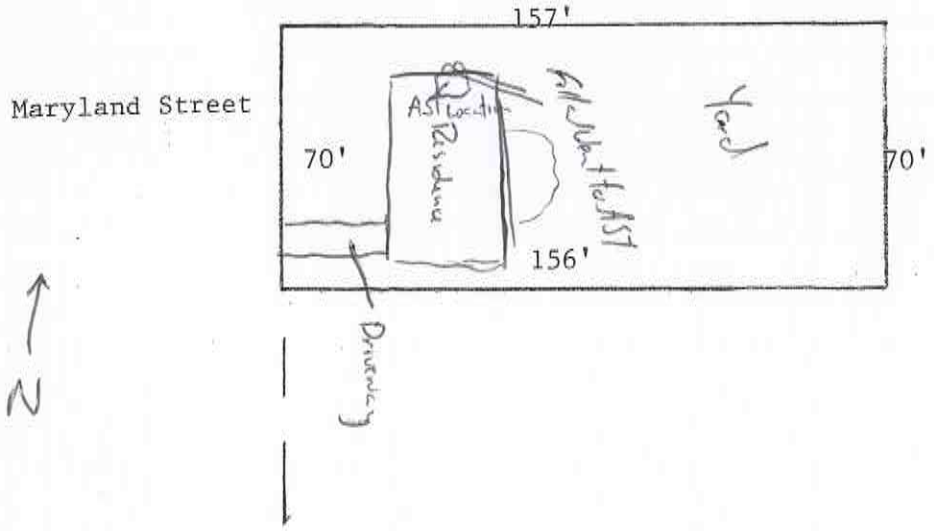
5 Delaware St.



Obtained by Navin O'Grady Appraisal Services

Site Plan

23 Maryland St.

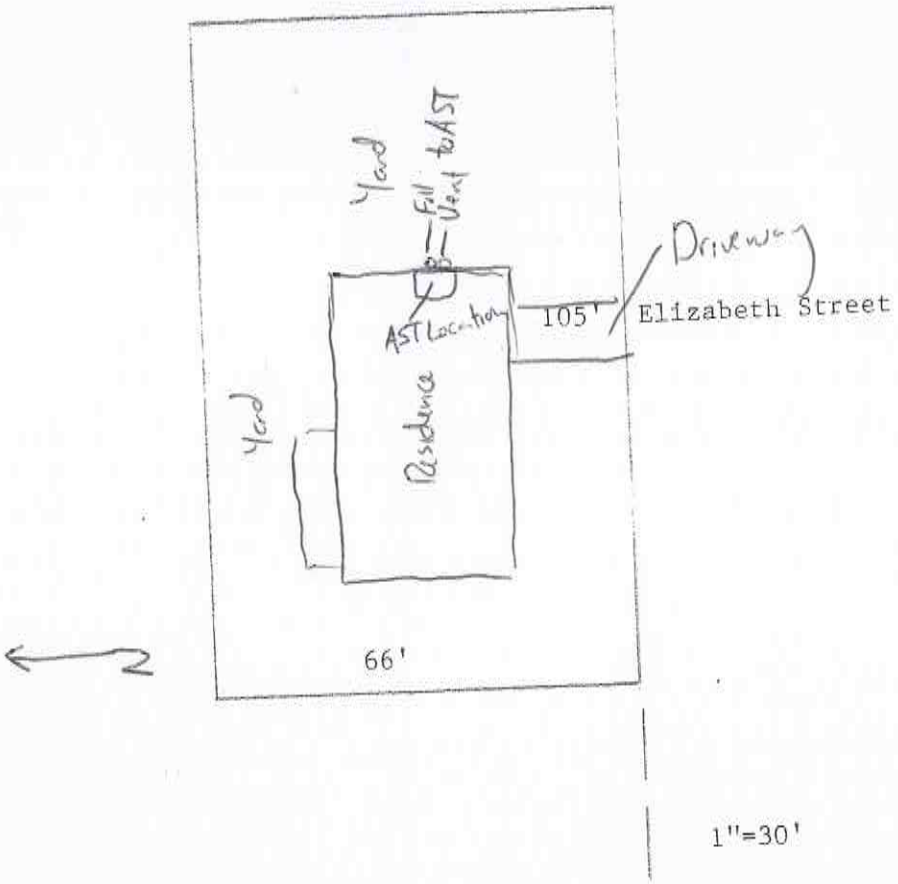


1"=50'

Obtained by Navin O'Grady Appraisal Services

Site Plan

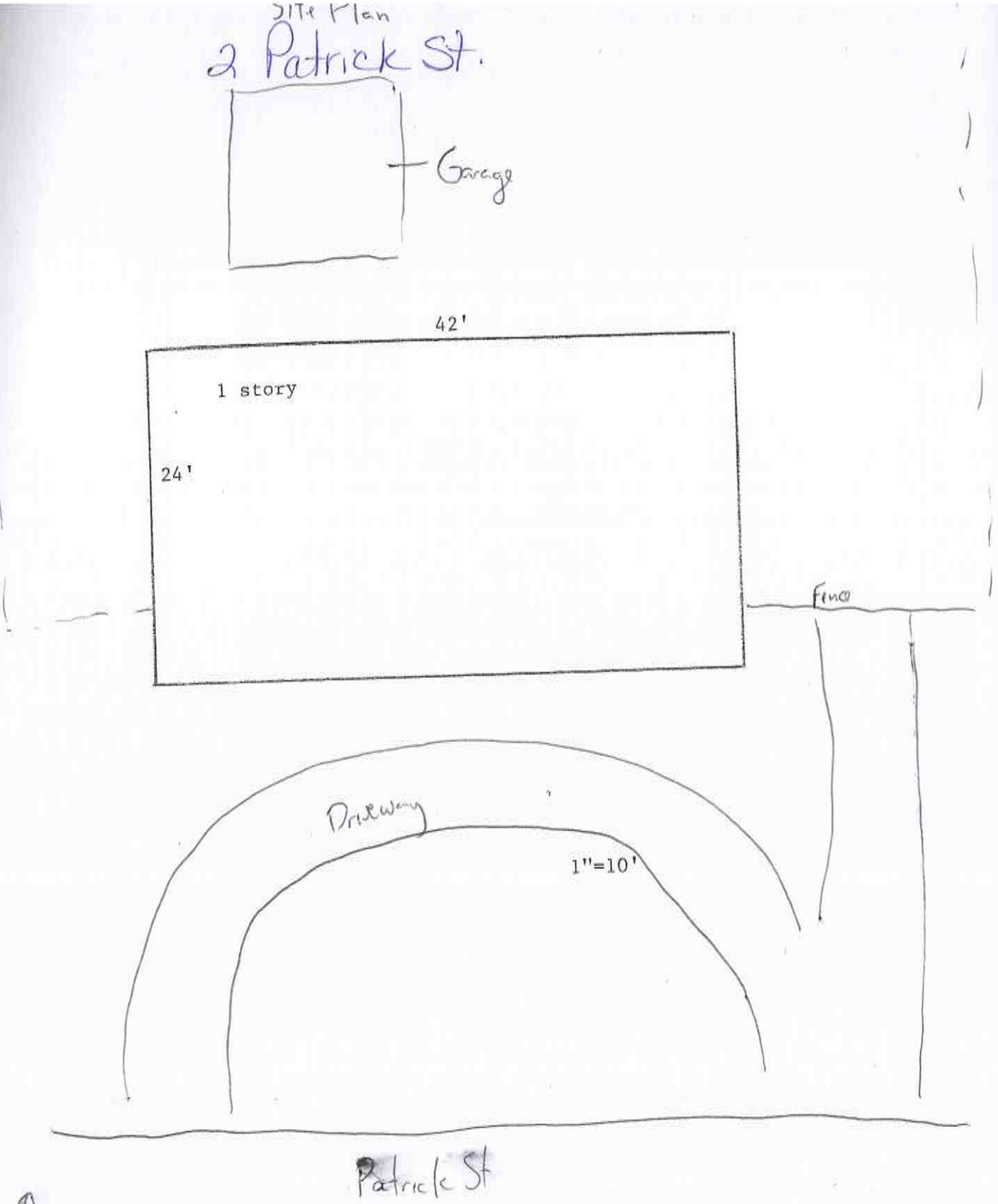
6 Elizabeth St.



Obtained by Navin O'Grady Appraisal Services

Site Plan

2 Patrick St.



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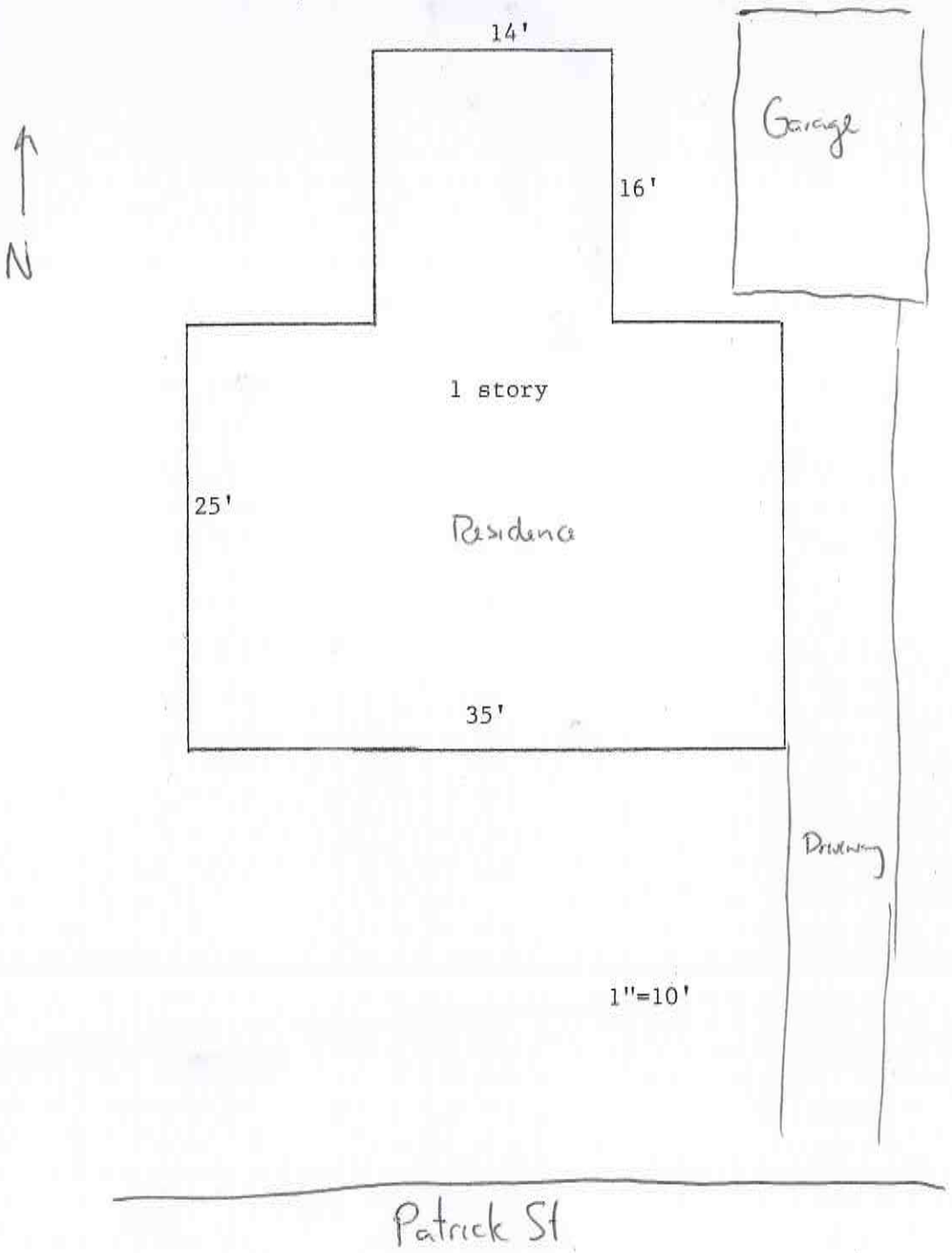
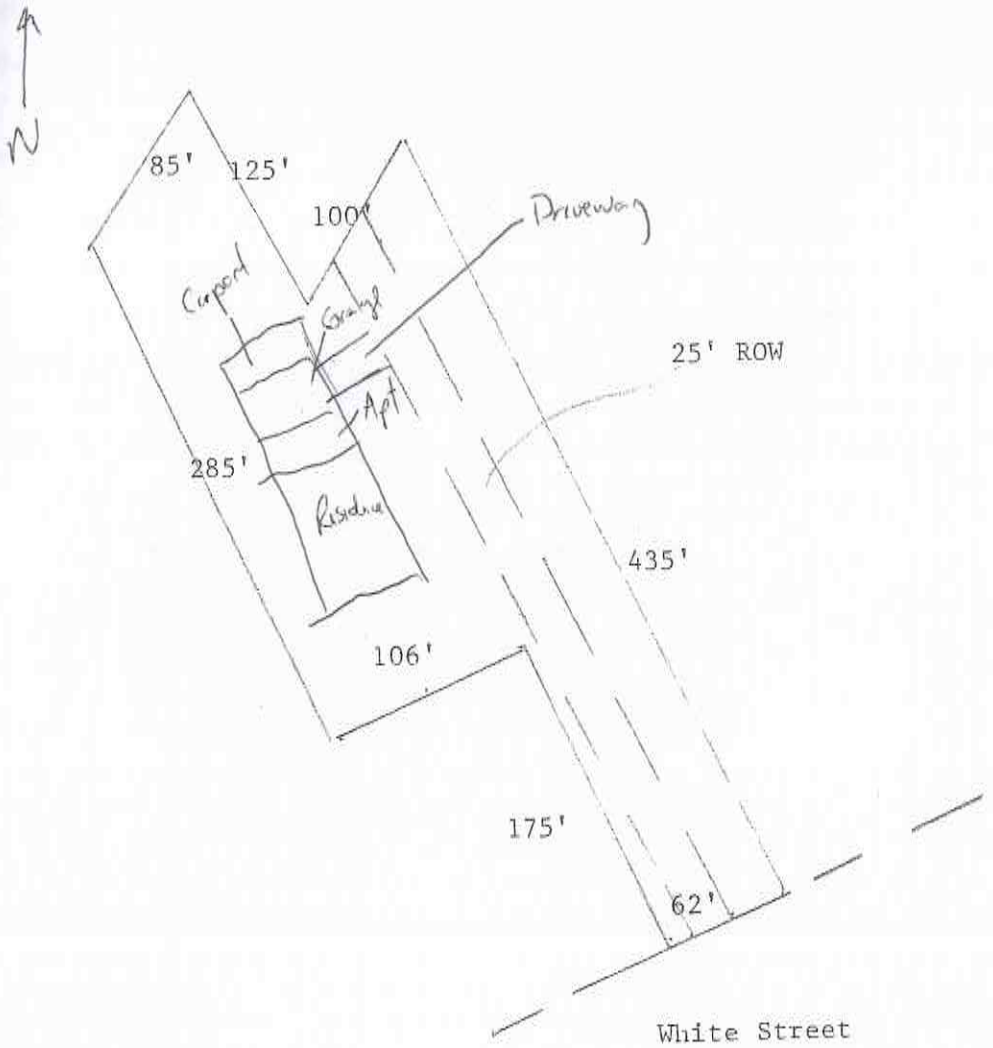
6 Patrick St.



Obtained by Navin O'Grady Appraisal Services

392 White St.



1"=100'

Obtained by Navin O'Grady Appraisal Services

APPENDIX C

LAND RECORD RESEARCH

Table 4-1 Property Ownership Summary – (10 North Henry Court)				
Grantor	**Grantee**	**Book**	**Page**	**Date**
Douglas and Linda Burbo	City of Burlington	1002	179	4/5/11
Douglas Burbo	Douglas and Linda Burbo	292	580	4/24/90
Burbo, Victor and Gayle	Douglas Burbo	127	56	6/22/76
Herve J. Lemay and Shirley Lemay	Burbo, Victor and Gayle	108	366	12/20/72
Morris Campbell and Corinne Campbell	Herve J. Lemay and Shirley Lemay	50	357	9/16/59
Leo H. Dumont	Morris Campbell and Corinne Campbell	39	76	10/28/55

Lot 141 of Dumont Subdivision – 9/54

Table 4-1 Property Ownership Summary – (13 Dumont Avenue)				
Grantor	**Grantee**	**Book**	**Page**	**Date**
Dzevad Kelestura and Samira Kelestura	City of Burlington	1020	219	8/10/11
W. Eric Schmitt and Bonnie Schmitt	Dzevad Kelestura and Samira Kelestura	681	503	9/7/04
Barbara Gale	W. Eric Schmitt and Bonnie Schmitt	390	673	4/1/96
Charles Yandow, Marylin Bell and Sheila Godin	Barbara Gale	318	460	2/20/92
Joseph Bissenette and Barbara Bissonette	Charles Yandow, Marylin Bell and Sheila Godin	104	11	11/5/71
Morton Greenia and Sandra Greenia	Joseph Bissenette and Barbara Bissonette	102	81	6/15/71
Daniel R. O'Brien and William J Simpson	Morton Greenia and Sandra Greenia	91	511	11/4/69
Arthur Cameron and Grace Hatin	Daniel R. O'Brien and William J Simpson	85	147	2/14/67
John Ryan and Evelyn Ryan	Arthur Cameron and Grace Hatin	73	190	2/10/65
James and Leoni Orfe	John Ryan and Evelyn Ryan	56	146	8/22/60
Wilfred and Jacqueline Verchereau	James and Leoni Orfe	44	360	3/28/58
Henry and Mary Dumont	Wilfred and Jacqueline Verchereau	30	518	1/29/53

Lot # 18 of Dumont Subdivision – 6/49

Table 4-1 Property Ownership Summary – (57 Dumont Avenue)				
Grantor	**Grantee**	**Book**	**Page**	**Date**
David Methot and Rachel Methot	City of Burlington	1019	112	8/2/11
Edward Garvey and Patricia Garvey	David Methot and Rachel Methot	218	369	12/1/86
Leo H. Dumont	Edward Garvey and Patricia Garvey	44	19	5/7/57

Lot 23 of Dumont Subdivision – 11/56

Table 4-1 Property Ownership Summary – (72 Dumont Avenue)				
Grantor	**Grantee**	**Book**	**Page**	**Date**
Sandara Pierce (fka Lafond)	City of Burlington	1026	121	9/16/11
Estate of Gerold Pierce	Sandra Lafond	217	67	12/12/86
S. Donald Miner	Emma Rice, Gerold J. and Mayolyn Pierce	48	51	10/17/58
Gerold Pierce and Mayolyn Pierce	S. Donald Miner	50	52	10/17/58
Henry Dumont and Mary Dumont	Gerold Pierce and Mayolyn Pierce	39	227	3/15/56

Table 4-1 Property Ownership Summary – (5 Delaware Street)				
Grantor	**Grantee**	**Book**	**Page**	**Date**
John A. and Gloria G. Van Graber	City of Burlington	999	279	3/24/11
J. Leo Laramee, Sr. and Gertrude T. Laramee	John A. and Gloria G. Van Graber	73	468	8/18/65
Charles B. and Mary B. Doane	J. Leo Laramee, Sr. and Gertrude T. Laramee	56	70	6/15/60
Rowland E. Peterson and Howard C. Barber	Charles B. and Mary B. Doane	44	109	7/29/57
Anna L. Ladoux and Florance E. Foisy	Rowland E. Peterson and Howard C. Barber	39	173	2/16/56
Fannie R. Tilley (Quit Claim)	Anna L. Ladoux and Florance E. Foisy	22	51	10/22/46

Table 4-1 Property Ownership Summary – (23 Maryland Street)				
Grantor	**Grantee**	**Book**	**Page**	**Date**
Margrit Green Living Trust Revocable Living Trust	City of Burlington	1015	314	7/14/11
Margarit Green	Margrit Green Living Trust Revocable Living Trust	942	70	7/1/10
Fredrick Deuso and Theresa Deuso	Richard Green and Margrit Green	73	27	8/31/64
Daniel R O'Brien	Fredrick Deuso and Theresa Deuso	NR	NR	3/31/64

Lot 4, Proposed Subdivision Maryland Street Extension – 1/63

Table 4-1 Property Ownership Summary – (6 Elizabeth Street)				
Grantor	**Grantee**	**Book**	**Page**	**Date**
Laurie A. Desso	City of Burlington	1001	46	3/25/11
Guy E. and Lucille M. Barnadet	Laurie A. Desso	645	600	11/4/03
Clarence C. and Grace A. Morris	Guy E. and Lucille M. Barnadet	118	316-317	11/14/74
Vincent and Helen Maretello	Clarence C. and Grace A. Morris	85	39	11/23/66
Alex J. Poulin	Vincent and Helen Maretello	73	96	10/19/64
Davis-Frazier Construction Co.	Alex J. Poulin	66	279	1/10/64
Arnold L. and Rita J. LaGrow	Davis-Frazier Construction Co.	56	122	7/27/60

Table 4-1 Property Ownership Summary – (392 White Street)				
Grantor	**Grantee**	**Book**	**Page**	**Date**
Roberta M. Sprano	City of Burlington	1024	210	9/2/11
Fred and Florence J. Desellier	Roberta M. Sprano	85	222	4/21/67
Mary G. Amore	Fred and Florence J. Desellier	12	596-597	4/11/33

APPENDIX D

SITE PHOTOGRAPHS

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 01 23-Sep-11 Location: 10 North Henry Street Direction: Northeast Comments: Front and side of residence and driveway	
Photograph ID: 02 23-Sep-11 Location: 10 North Henry Street Direction: Northeast Comments: Boiler and hot water heater	

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 03 26-Sep-11 Location: 13 Dumont Avenue Direction: East Comments: Front of residence	
Photograph ID: 04 26-Sep-11 Location: 13 Dumont Avenue Direction: East Comments: View of the interior living space	

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 05 23-Sep-11 Location: 57 Dumont Avenue Direction: South Comments: Front of residence	
Photograph ID: 06 23-Sep-11 Location: 57 Dumont Avenue Direction: South Comments: View of the interior living space Note the 9" X 9" floor tiles that often times contain asbestos	

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 07 23-Sep-11 Location: 72 Dumont Avenue Direction: Northwest Comments: Front of residence	
Photograph ID: 08 23-Sep-11 Location: 72 Dumont Avenue Direction: South Comments: View of the AST in the basement	

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 09 23-Sep-11 Location: 5 Delaware Street Direction: Northwest Comments: Front of residence	
Photograph ID: 010 23-Sep-11 Location: 5 Delaware Street Direction: South Comments: View of AST in the basement	

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 011 23-Sep-11 Location: 23 Maryland Street Direction: East Comments: Front of residence	
Photograph ID: 012 23-Sep-11 Location: 23 Maryland Street Direction: East Comments: View of the AST in the basement	

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 013 23-Sep-11 Location: 6 Elizabeth Street Direction: North Comments: Front of residence	
Photograph ID: 014 23-Sep-11 Location: 6 Elizabeth Street Direction: Southeast Comments: View of AST in basement	

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 015 23-Sep-11 Location: 2 Patrick Street Direction: North Comments: Fornt of residence	
Photograph ID: 016 23-Sep-11 Location: 2 Patrick Street Direction: West Comments: View of the retail-sized chemicals in the basement	

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 017 23-Sep-11 Location: 6 Patrick Street Direction: East Comments: Front of residence	
Photograph ID: 018 23-Sep-11 Location: 6 Patrick Street Direction: North Comments: View of the garage	

Photographic Documentation
Phase I Environmental Site Assessment
Burlington International Airport
AIP 87, South Burlington, VT
KAS Job #509110229

Photograph ID: 019 23-Sep-11 Location: 392 White Street Direction: West Comments: Front of southern main residence	
Photograph ID: 020 23-Sep-11 Location: 392 White Street Direction: Northwest Comments: View of side apartment and garage	

APPENDIX E

HISTORICAL RESEARCH DOCUMENTATION

HISTORICAL FIRE INSURANCE MAPS

NO MAPS AVAILABLE

Report Date: 9/23/2011
Client Job Number: 509110222
FirstSearch Index Number: 279111
Site Address(es): 200 AIRPORT PKWY
SOUTH BURLINGTON, VT 05403

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there are NO MAPS AVAILABLE for the Subject Location as shown above.

FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company LLC obtained through online access to the Library of Congress as well as the result of a review of the other fire insurance map microfilm collections available via various local libraries.

FirstSearch Technology Corporation
10 Cottage Street, Norwood, MA 02062
Tel: 781-551-0470 Fax: 781-551-0471

KAS Job Number *509110229*
Source: *Vermont Law Library*

KAS INC

Burlington International Airport
AIP 87, South Burlington, VT

Aerial Photography
May 1962 Aerial photo

Date: 09/29/11	Drawing No. 0	Scale: 1:24,000	By: ARL

NORTH

KAS Job Number *509110229*

Source: *Vermont Law Library*

KAS INC

Burlington International Airport
AIP 87, South Burlington, VT

Aerial Photography
May 1962 Aerial photo

Date: 09/29/11	Drawing No. 0	Scale: 1:24,000	By: ARL

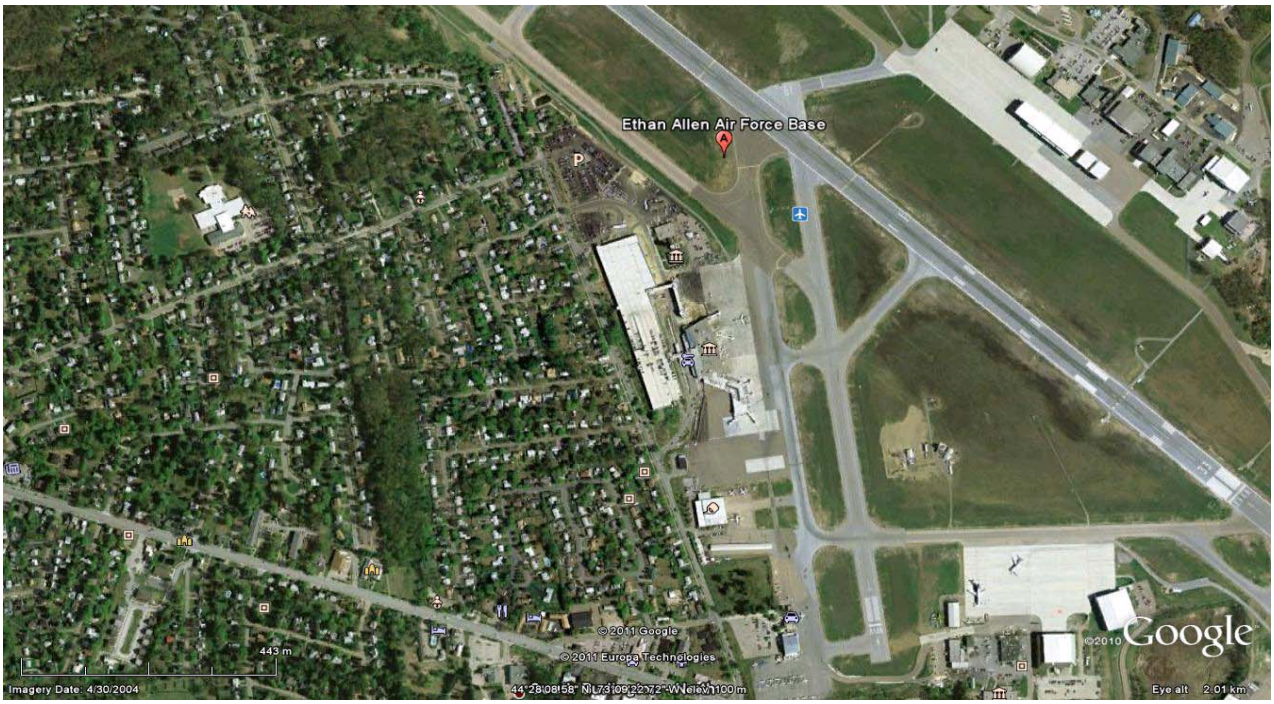
KAS Job Number *509110229*
Source: *http://msrmaps.com*

KAS INC

Burlington International Airport
AIP 87, South Burlington, VT

Aerial Photography
April 1999 USGS Image

Date: 09/29/11	Drawing No. 0	Scale: 1:24,000	By: ARL



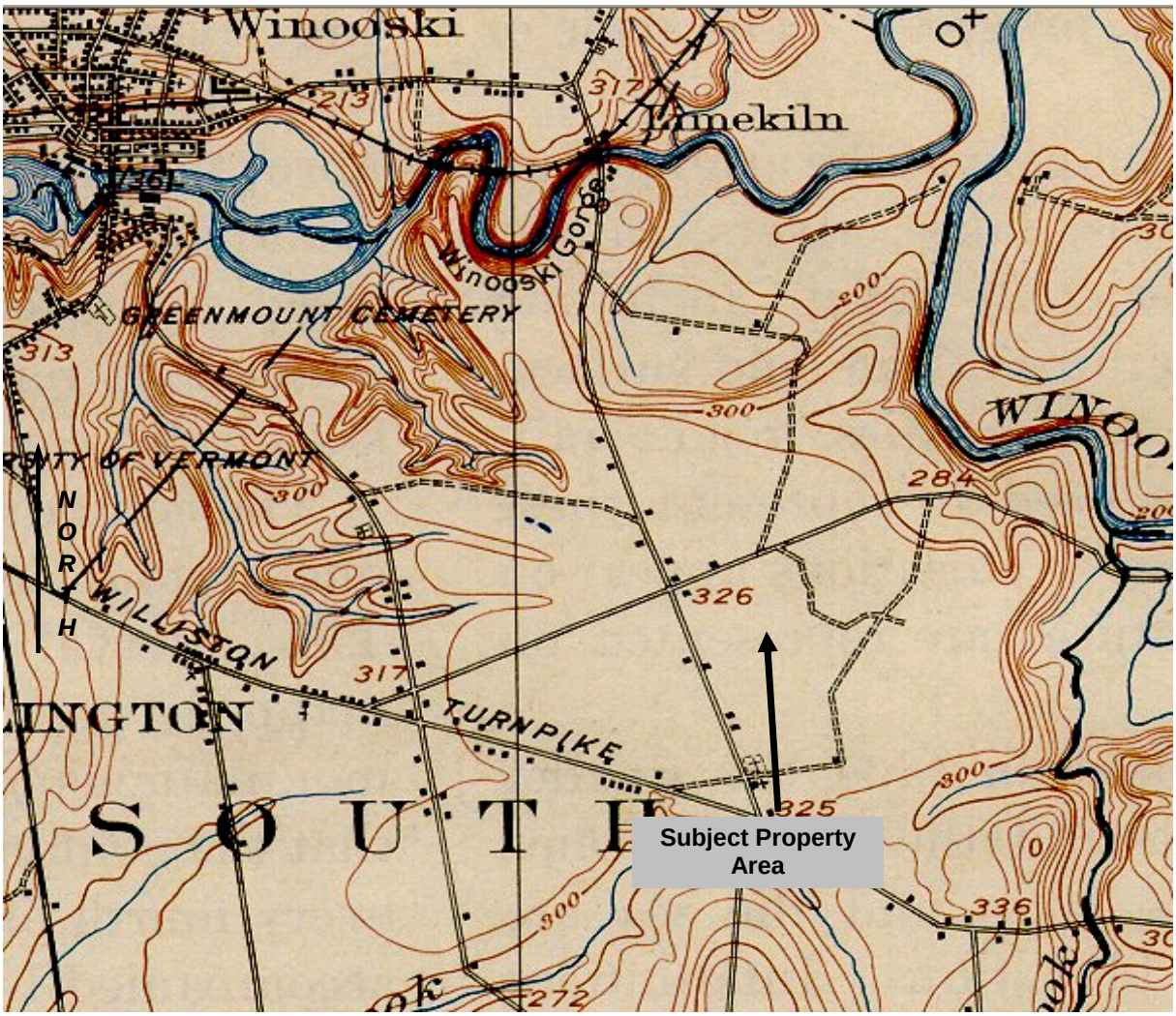
KAS Job Number *509110229*
Source: *Google Earth*

KAS INC

Burlington International Airport
AIP 87, South Burlington, VT

Aerial Photography
April 2004 Google Earth Image

Date: 09/29/11	Drawing No. 0	Scale: 1:24,000	By: ARL



KAS Job Number *509110229*

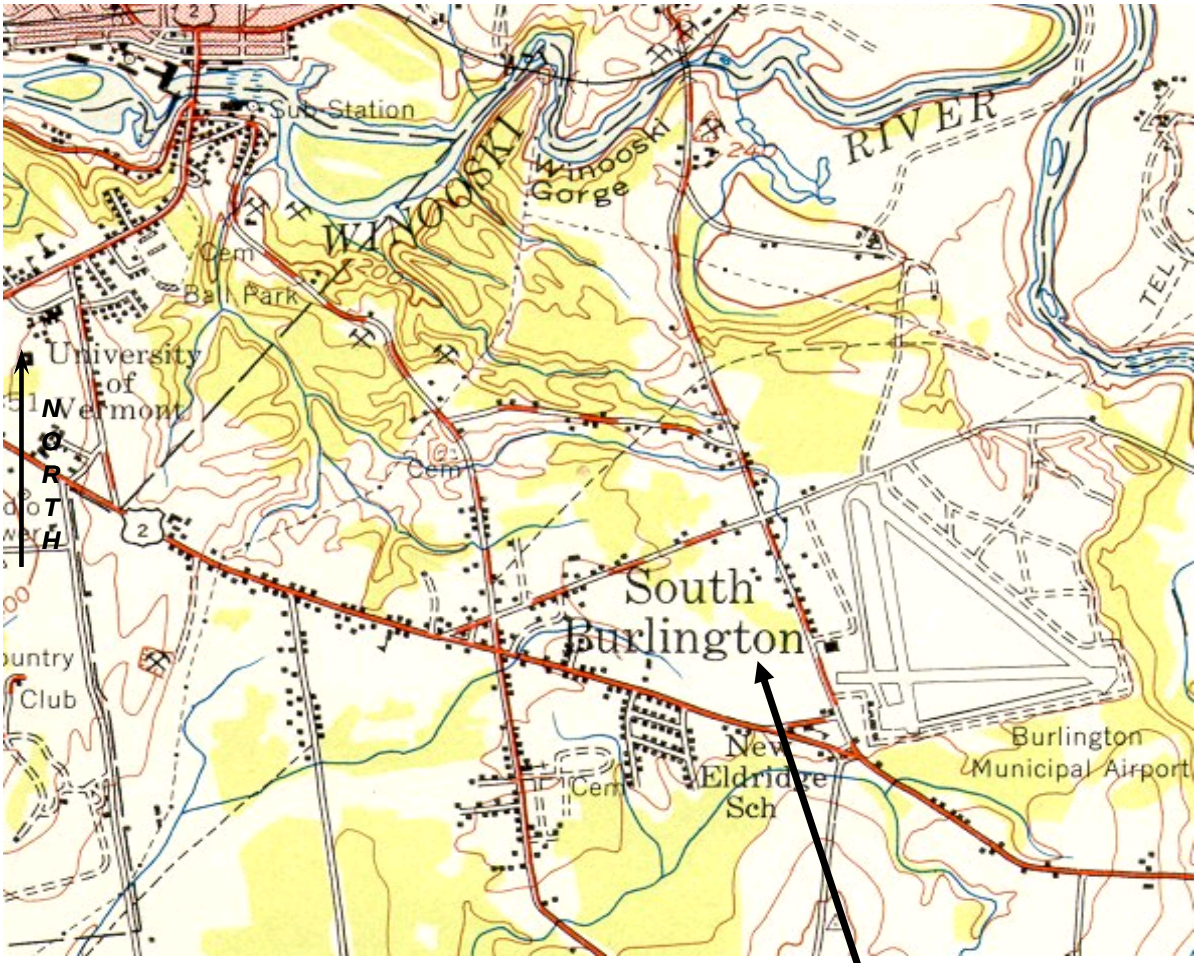
Source: *University of New Hampshire on line map collection, http://docs.unh.edu*

KAS INC

Burlington International Airport
AIP 87, South Burlington, VT

1906 USGS Topographic Map

Date: 09/29/11	Drawing No. 0	Scale: 1:62,500	By: JR



KAS Job Number *509110229*

Source: *University of New Hampshire on line map collection, http://docs.unh.edu*

KAS INC

Burlington International Airport
AIP 87, South Burlington, VT

1948 USGS Topographic Map

Date: 09/29/11	Drawing No. 0	Scale: 1:62,500	By: JR

APPENDIX F

REGULATORY RECORDS DOCUMENTATION

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

200 AIRPORT PKWY

SOUTH BURLINGTON VT 05403

Job Number: 509110222

PREPARED FOR:

KAS, Inc.

368 Avenue D, Suite 15

Williston, VT 05495

09-20-11

Tel: (781) 551-0470 *Fax: (781) 551-0471*

Environmental FirstSearch
Search Summary Report

Target Site: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	08-15-11	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	08-15-11	0.50	0	0	0	0	-	0	0
CERCLIS	Y	07-26-11	0.50	0	0	0	0	-	0	0
NFRAP	Y	07-26-11	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	07-11-11	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	07-11-11	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	07-11-11	0.25	0	1	9	-	-	0	10
Federal Brownfield	Y	07-05-11	0.50	0	0	0	0	-	0	0
ERNS	Y	07-18-11	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	1	1
State/Tribal Sites	Y	07-08-11	1.00	0	0	3	7	25	2	37
State Spills 90	Y	07-08-11	0.12	0	0	-	-	-	6	6
State/Tribal SWL	Y	04-15-09	0.50	0	0	0	0	-	6	6
State/Tribal LUST	Y	07-08-11	0.50	0	6	9	6	-	5	26
State/Tribal UST/AST	Y	07-08-11	0.25	0	3	7	-	-	1	11
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	05-01-11	0.50	0	0	0	0	-	0	0
Federal IC/EC	Y	08-01-11	0.50	0	0	0	0	-	0	0
-TOTALS-				0	10	28	13	25	21	97

Notice of Disclaimer

Due to the limitations, constraints, and inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSeaarch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch
Site Information Report

Request Date:	09-20-11	**Search Type:**	AREA
Requestor Name:	ALAN LIPTAK		0.07 sq mile(s)
Standard:	ASTM-05	**Job Number:**	509110222
		Filtered Report	

Target Site: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

Demographics

Sites: 97 **Non-Geocoded:** 21 **Population:** NA

Radon: 0 - 6.6 PCI/L

Fire Insurance Map Coverage: No

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-73.165383	-73:9:55	**Easting:**	645911.753
Latitude:	44.476318	44:28:35	**Northing:**	4926198.906
Elevation:	326		**Zone:**	18

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes:

ZIP Code	City Name	ST	Dist/Dir	Sel

Services:

	Requested?	Date
Fire Insurance Maps	Yes	09-20-11
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search	No	
Municipal Reports	No	
Liens	No	
Historic Map Works	No	
Online Topos	No	

Environmental FirstSearch
Target Site Summary Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

TOTAL: 97 **GEOCODED:** 76 **NON GEOCODED:** 21 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.

No sites found for target address

Environmental FirstSearch
Sites Summary Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

TOTAL: 97 **GEOCODED:** 76 **NON GEOCODED:** 21 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	RCRAGN	F A A SSC-86EB VTR000008243/VGN	1250 AIRPORT DR SOUTH BURLINGTON VT 05403	0.03 SE	+ 12	2
2	UST	BURLINGTON INTERNATIONAL FUEL 966/INSTITUTIONAL	1160 AIRPORT DR SOUTH BURLINGTON VT 05403	0.04 SE	+ 10	3
2	UST	MORTAIR RAMP 965/INSTITUTIONAL	1160 AIRPORT DR SOUTH BURLINGTON VT 05403	0.04 SE	+ 10	4
2	LUST	BURLINGTON INTERNATIONAL FUEL 966/PULLED UST DATABASE	1160 AIRPORT DR SOUTH BURLINGTON VT 05403	0.04 SE	+ 10	5
2	LUST	BURLINGTON INTL AIRPORT 9999643/PULLED UST DATABASE	AIRPORT DR SOUTH BURLINGTON VT 05401	0.04 SE	+ 10	6
2	LUST	MORTAIR RAMP 965/PULLED UST DATABASE	1160 AIRPORT DR SOUTH BURLINGTON VT 05401	0.04 SE	+ 10	7
3	UST	INNOTECH/BURLINGTON AIRPORT 1604/	AIRPORT DR SOUTH BURLINGTON VT 05403	0.11 SE	+ 4	8
3	LUST	INNOTECH/BURLINGTON AIRPORT 1604/PULLED UST DATABASE	AIRPORT DR SOUTH BURLINGTON VT 05403	0.11 SE	+ 4	9
4	LUST	GAMACHE RESIDENCE 2001088/PULLED UST DATABASE	82 SUBURBAN SQ SOUTH BURLINGTON VT	0.11 SW	+ 24	11
5	LUST	CHAMBERLIN SCHOOL 628/PULLED UST DATABASE	262 WHITE ST SOUTH BURLINGTON VT 05401	0.12 NW	+ 8	12
6	RCRAGN	HERTZ RENTAL CORP VTR000010207/VGN	BURLINGTON INTERNATIONAL A SOUTH BURLINGTON VT 05403	0.13 NE	+ 16	13
6	STATE	HERTZ RENT A CAR/NATIONAL CAR 921313/ACTIVE	0 BURLINGTON INTRNTNL AIRPO SOUTH BURLINGTON VT	0.13 NE	+ 16	14
6	UST	HERTZ 1182/ACTIVE	BURLINGTON AIRPORT SOUTH BURLINGTON VT 05403	0.13 NE	+ 16	15
7	RCRAGN	ATLANTIC AVIATION SERVICES VTR000008227/SGN	BURLINGTON INTERNATIONAL A SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	16
7	RCRAGN	BURLINGTON INTL AIRPORT VTD988380572/VGN	1200 AIRPORT 1 DR SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	17
7	RCRAGN	F B O AVCENTER VTR000011346/SGN	1200 AIRPORT DR SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	18
7	RCRAGN	US T S A BURLINGTON INTL AIRPORT VTR000510883/VGN	1200 AIRPORT DR SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	19
7	UST	ATLANTIC AVIATION - EAST HANGER 6583662/ACTIVE	BURLINGTON INTERNATIONAL A SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	20
7	UST	BURLINGTON INTERNATIONAL AIRPORT 460/ACTIVE	1200 AIRPORT DR SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	21
7	UST	BURLINGTON INTERNATIONAL AIRPORT 1001663/INSTITUTIONAL	0 NATIONAL WEATHER SERVICE SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	24

Environmental FirstSearch
Sites Summary Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

TOTAL: 97 **GEOCODED:** 76 **NON GEOCODED:** 21 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
7	UST	FAA ASR 1663/ACTIVE	BURLINGTON INTERNATIONAL A SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	25
7	UST	NATIONAL ALAMOENTERPRISE CAR RENTA 1453/ACTIVE	BURLINGTON INTERNATIONAL A SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	26
7	LUST	BROCKWAY AIRCRAFT HANGER 6585071/PULLED UST DATABASE	BURLINGTON INTERNATIONAL A SOUTH BURLINGTON VT 05401	0.15 SE	+ 21	27
7	LUST	BURLINGTON INTERNATIONAL AIRPORT 1001663/PULLED UST DATABASE	NATIONAL WEATHER SERVICE SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	28
7	LUST	FAA ASR 1663/PULLED UST DATABASE	BURLINGTON INTERNATIONAL A SOUTH BURLINGTON VT 05403	0.15 SE	+ 21	29
8	LUST	POWER RESIDENCE 2005090/PULLED UST DATABASE	4 MILLS AVE SOUTH BURLINGTON VT	0.15 SE	+ 18	31
8	LUST	POWER RESIDENCE 5551796/	4 MILLS AVE SOUTH BURLINGTON VT 05403	0.15 SE	+ 18	32
9	LUST	THRIFTY CAR RENTAL 236/PULLED UST DATABASE	1700 WILLISTON RD SOUTH BURLINGTON VT 05401	0.19 SE	+ 8	33
10	RCRAGN	INNOTECH AVIATION INC VTD065195760/VGN	1130 AIRPORT DR SOUTH BURLINGTON VT 05403	0.20 SE	+ 11	34
10	LUST	FBO AVCENTER NEW HANGER 5559028/PULLED UST DATABASE	1130 AIRPORT DR SOUTH BURLINGTON VT 05403	0.20 SE	+ 11	36
11	STATE	NORTH/SOUTH HANGER B I A 972200/CLOSED	0 AIRPORT DR SOUTH BURLINGTON VT	0.21 SE	+ 13	37
12	RCRAGN	DR JOHN L WOLFF DDS VTR000507350/VGN	1683 WILLISTON RD SOUTH BURLINGTON VT 05403	0.22 SE	+ 9	38
13	RCRAGN	WESCO INC AIRPORT EXXON VTR000009993/VGN	1800 WILLISTON RD SOUTH BURLINGTON VT 05403	0.23 SE	- 4	39
13	STATE	AIRPORT EXXON 972140/CLOSED	1800 WILLISTON RD SOUTH BURLINGTON VT	0.23 SE	- 4	40
13	UST	AIRPORT SHELL B8 1679/ACTIVE	1800 WILLISTON RD SOUTH BURLINGTON VT 05403	0.23 SE	- 4	41
14	RCRAGN	KINNEY DRUGS #55 VTR000514992/VGN	1653 WILLISTON RD SOUTH BURLINGTON VT 05403	0.24 SE	0	44
15	LUST	MERRIAM-GRAVES COMPANY 8636826/PULLED UST DATABASE	1550 WILLISTON RD SOUTH BURLINGTON VT 05401	0.24 SW	+ 12	45
16	LUST	MAYNARD AUTO 9990216/PULLED UST DATABASE	1725 WILLISTON RD SOUTH BURLINGTON VT	0.25 SE	+ 1	46
17	STATE	AIRPORT MOBIL 900632/ACTIVE	1801 WILLISTON RD SOUTH BURLINGTON VT	0.32 SE	- 20	47
18	STATE	BUDGET RENT A CAR 931526/CLOSED	700 AIRPORT PKWY SOUTH BURLINGTON VT	0.38 NW	- 19	48

Environmental FirstSearch
Sites Summary Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

TOTAL: 97 **GEOCODED:** 76 **NON GEOCODED:** 21 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
18	LUST	BUDGET RENT A CAR 621/PULLED UST DATABASE	700 AIRPORT PKWY SOUTH BURLINGTON VT 05403	0.38 NW	- 19	49
19	STATE	NORTHERN RENT A CAR 931406/CLOSED	1890 WILLISTON RD SOUTH BURLINGTON VT	0.40 SE	- 34	50
20	STATE	HOWARD BANK-WILLISTON RD. 911055/CLOSED	0 WILLISTON RD SOUTH BURLINGTON VT	0.40 SE	- 29	51
21	STATE	CRW CORP 20033139/CLOSED	1879 WILLISTON RD SOUTH BURLINGTON VT	0.42 SE	- 26	52
21	LUST	CRW CORPORATION 5555758/PULLED UST DATABASE	1879 WILLISTON RD SOUTH BURLINGTON VT	0.42 SE	- 26	53
22	LUST	VERMONT AIR NATIONAL GUARD 1995/PULLED UST DATABASE	105 NCO DRIVE/BURLINGTON AI SOUTH BURLINGTON VT 05403	0.46 NE	- 18	54
23	LUST	KNEELAND FLIGHT FACILITY 1037/PULLED UST DATABASE	0 BLDG 890 BURLINGTON AIRPO SOUTH BURLINGTON VT 05402	0.47 SE	+ 15	57
24	STATE	NORTH COUNTRY RESTAURANT SERVICES 20033174/CLOSED	1891 WILLISTON RD SOUTH BURLINGTON VT	0.47 SE	- 24	59
24	LUST	ZACHERY S 5559472/PULLED UST DATABASE	1891 WILLISTON RD SOUTH BURLINGTON VT 05403	0.47 SE	- 24	60
25	STATE	LOGAN EQUIPMENT 992611/ACTIVE	1901 WILLISTON RD SOUTH BURLINGTON VT	0.47 SE	- 27	61
26	LUST	LAKE CHAMPLAIN SUBARU 9990215/PULLED UST DATABASE	1907 WILLISTON RD SOUTH BURLINGTON VT	0.50 SE	- 22	62
27	STATE	U S POST OFFICE 972299/CLOSED	60 WHITE ST SOUTH BURLINGTON VT	0.53 SW	- 11	63
28	STATE	GRACEY S STORE 951924/ACTIVE	0 WILLISTON RD SOUTH BURLINGTON VT	0.54 SW	+ 7	64
29	STATE	WILLISTON ROAD MOBIL 921327/ACTIVE	1314 WILLISTON RD SOUTH BURLINGTON VT	0.54 SW	+ 3	65
30	STATE	U-SAVE BEVERAGE 900496/ACTIVE	0 WILLISTON RD SOUTH BURLINGTON VT	0.55 SW	- 6	66
31	STATE	BURLINGTON INTERNATIONAL AIRPORT 931503/ACTIVE	0 AIRPORT RD SOUTH BURLINGTON VT	0.58 NE	+ 2	67
32	STATE	VERMONT AIR NATIONAL GUARD 770043/ACTIVE	0 AIRPORT RD SOUTH BURLINGTON VT	0.58 NE	- 19	68
33	STATE	KELCO FACILITY 20002783/CLOSED	73 ETHAN ALLEN DR SOUTH BURLINGTON VT	0.60 NE	- 101	69
34	STATE	OFFSET HOUSE 870107/CLOSED	UNKNOWN SOUTH BURLINGTON VT	0.66 NW	- 28	70
34	STATE	OFFSET HOUSE PROPERTY 770075/CLOSED	UNKNOWN SOUTH BURLINGTON VT	0.66 NW	- 28	71

Environmental FirstSearch
Sites Summary Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

TOTAL: 97 **GEOCODED:** 76 **NON GEOCODED:** 21 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
35	STATE	WILLISTON ROAD CITGO - DAVE S CITG 900545/ACTIVE	1241 WILLISTON RD SOUTH BURLINGTON VT	0.66 SW	- 4	72
36	STATE	ETHAN ALLEN AIR FORCE BASE 941663/CLOSED	0 AIRPORT DR SOUTH BURLINGTON VT	0.67 SE	- 11	73
37	STATE	SOUTH BURLINGTON STREET DEPT 931383/ACTIVE	PATCHEN RD SOUTH BURLINGTON VT	0.68 NW	- 46	74
38	STATE	BURLINGTON AIRPORT 921305/CLOSED	0 AIRPORT PKWY SOUTH BURLINGTON VT	0.70 NE	+ 14	75
39	STATE	P J S AUTOMOTIVE 982447/CLOSED	2073 WILLISTON RD SOUTH BURLINGTON VT	0.71 SE	+ 3	76
40	STATE	SOUTH BURLINGTON CENTRAL SCHOOL 921301/CLOSED	1181 WILLISTON RD SOUTH BURLINGTON VT	0.71 SW	- 7	77
41	STATE	DOLANS VARIETY 961956/ACTIVE	1160 WILLISTON RD SOUTH BURLINGTON VT	0.74 SW	- 8	78
42	STATE	SARVAK RESIDENCE 20063578/CLOSED	290 HINESBURG RD SOUTH BURLINGTON VT	0.77 SW	- 2	79
43	STATE	CHAMPLAIN VALLEY SUNOCO 982491/ACTIVE	1143 WILLISTON RD SOUTH BURLINGTON VT	0.78 SW	- 14	80
44	STATE	UNIVERSITY GULF 900646/ACTIVE	0 WILLISTON RD SOUTH BURLINGTON VT	0.80 SW	- 13	81
45	STATE	GREERS DRY CLEANING DORSET STREET 20053395/ACTIVE	UNKNOWN SOUTH BURLINGTON VT	0.91 SW	- 6	82
46	STATE	REILLY TIRE 880180/CLOSED	UNKNOWN SOUTH BURLINGTON VT	0.91 SW	+ 3	83
47	STATE	KENNEDY DRIVE MOBIL 20033099/CLOSED	110 KENNEDY DR SOUTH BURLINGTON VT	0.93 SW	+ 1	84
48	STATE	FORMER GOODRICH BUILDING 20114149/ACTIVE	625 HINESBURG RD SOUTH BURLINGTON VT	0.96 SW	0	85
49	STATE	UNIVERSITY INN 20002751/CLOSED	5 DORSET ST SOUTH BURLINGTON VT	0.96 SW	- 14	86
50	STATE	ACTION EQUIPMENT 770161/CLOSED	UNKNOWN SOUTH BURLINGTON VT	1.00 SE	+ 20	87

Environmental FirstSearch
Sites Summary Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

TOTAL: 97 **GEOCODED:** 76 **NON GEOCODED:** 21 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	STATE	GADUE DRY CLEANER DORSET STREET 20053295/ACTIVE	UNKNOWN SOUTH BURLINGTON VT	NON GC	N/A	N/A
	STATE	GORDIES TEXACO 870020/CLOSED	UNKNOWN SOUTH BURLINGTON VT	NON GC	N/A	N/A
	SPILLS	AIR GUARD 09-WMD239/CLOSED	BURLINGTON INTNL AIRPORT SOUTH BURLINGTON VT	NON GC	N/A	N/A
	SPILLS	JAMES KNEELAND FLIGHT FACILITY 06-WMD192/CLOSED	AIRPORT RD SOUTH BURLINGTON VT	NON GC	N/A	N/A
	SPILLS	MAINTENANCE BUILDING B 1 A 02-WMD239/CLOSED	AIRPORT RD SOUTH BURLINGTON VT	NON GC	N/A	N/A
	SPILLS	N/A 95-WMD116/CLOSED	AIRPORT PKWY SOUTH BURLINGTON VT	NON GC	N/A	N/A
	SPILLS	VT AIR NATIONAL GUARD 10-WMD167/CLOSED	AIRPORT DR BURLINGTON VT	NON GC	N/A	N/A
	SPILLS	VT ANG 11-WMD316/CLOSED	AIRPORT DR SOUTH BURLINGTON VT	NON GC	N/A	N/A
	SWL	A. MARCELINO AND COMPANY, INC. CH772/RECYCLING	UNKNOWN SOUTH BURLINGTON VT 05495	NON GC	N/A	N/A
	SWL	CHITTENDEN SWM DISTRICT DROP-OFF C CH771/DROP OFF CENTER	PATCHEN ROAD SOUTH BURLINGTON VT 05495	NON GC	N/A	N/A
	SWL	CHITTENDEN SWMD TRANS STATION 11/A	PATCHEN ROAD SOUTH BURLINGTON VT 05403	NON GC	N/A	N/A
	SWL	CHITTENDEN SWMD TRANS STATION 011/A	PATCHEN ROAD SOUTH BURLINGTON VT 05403	NON GC	N/A	N/A
	SWL	CSWD ENVIRONMENTAL DEPOT CH080/HHW/CESQG	UNKNOWN SOUTH BURLINGTON VT 05495	NON GC	N/A	N/A
	SWL	ENGINEERS CONSTRUCTION DISPOSAL SI CH980/LANDFILL	UNKNOWN SOUTH BURLINGTON VT 05486	NON GC	N/A	N/A
	UST	KNEELAND FLIGHT FACILITY 1037/ACTIVE	AIRPORT BIAP RD SOUTH BURLINGTON VT 05402	NON GC	N/A	N/A
	LUST	AIRPORT PARKWAY SEWER PUMP STATION 2736/PULLED UST DATABASE	HINESBURGH RD SOUTH BURLINGTON VT	NON GC	N/A	N/A
	LUST	MUNT RESIDENCE 5557561/PULLED UST DATABASE	85 SOUTH ST BURLINGTON VT	NON GC	N/A	N/A
	LUST	NEW ENGLAND TELEPHONE CENTRAL OFFI 895/PULLED UST DATABASE	FARRELL ST SOUTH BURLINGTON VT 05401	NON GC	N/A	N/A
	LUST	STRATTON CORP GOLF MAINTENANCE 517/PULLED UST DATABASE	ORCUTT MEADOW RD WINHALL VT 05403	NON GC	N/A	N/A
	LUST	VERMONT TIRE 5555576/PULLED UST DATABASE	WILLISTON RD SOUTH BURLINGTON VT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

TOTAL: 97 **GEOCODED:** 76 **NON GEOCODED:** 21 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	TRIBALLA	BUREAU OF INDIAN AFFAIRS CONTACT I BIA-05403/	UNKNOWN VT 05403	NON GC	N/A	N/A

Environmental FirstSearch
Site Detail Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

No sites were found!

Environmental FirstSearch
Site Detail Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 4 **DIST/DIR:** 0.03 SE **ELEVATION:** 338 **MAP ID:** 1

NAME:	F A A SSC-86EB	**REV:**	7/11/11
ADDRESS:	1250 AIRPORT DR	**ID1:**	VTR000008243
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	VGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: JEFF LOLLER
1250 AIRPORT DR
SOUTH BURLINGTON VT 05403

PHONE: 8029516523

CONTACT INFORMATION: MARTIN ROOTS
1250 AIRPORT DR
SOUTH BURLINGTON VT 05403

PHONE: 8029516703

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

VIOLATION NUMBER: 0001 RESPONSIBLE: S - STATE
DETERMINED: 11/13/1997 DETERMINED BY: S - STATE
CITATION: 7-303(3)(a)(iii) 7-304
RESOLVED: 11/17/1997
TYPE: HAZARDOUS WASTE DETERMINATIONS

HAZARDOUS WASTE INFORMATION:

Ignitable waste
VT08
VT02
Benzene

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 40 **DIST/DIR:** 0.04 SE **ELEVATION:** 336 **MAP ID:** 2

NAME:	BURLINGTON INTERNATIONAL FUEL	**REV:**	
ADDRESS:	1160 AIRPORT DR	**ID1:**	966
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	INSTITUTIONAL
CONTACT:		**PHONE:**	
SOURCE:	VTDEC		

Tanks Installed Capacity

CURRENT: 0
REMOVED: 0
PERMANENT: 0
UNKNOWN: 0
TEMP: 0
CLOSED: 0

PRODUCTS:
TANK MATERIAL:
PIPE MATERIAL:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 44 **DIST/DIR:** 0.04 SE **ELEVATION:** 336 **MAP ID:** 2

NAME:	MORTAIR RAMP	**REV:**	
ADDRESS:	1160 AIRPORT DR	**ID1:**	965
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	INSTITUTIONAL
CONTACT:		**PHONE:**	
SOURCE:	VTDEC		

Tanks Installed Capacity

CURRENT: 0
REMOVED: 0
PERMANENT: 0
UNKNOWN: 0
TEMP: 0
CLOSED: 1 ??? 56 5000 - 5000

PRODUCTS: #2&4 FUEL OIL
TANK MATERIAL: UNPROTECTED
PIPE MATERIAL:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 70 **DIST/DIR:** 0.04 SE **ELEVATION:** 336 **MAP ID:** 2

NAME:	BURLINGTON INTERNATIONAL FUEL	**REV:**	7/8/11
ADDRESS:	1160 AIRPORT DR	**ID1:**	966
	SOUTH BURLINGTON VT 05403	**ID2:**	941663
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	MONTAIR FLIGHT SERVICE INC	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND ABOVE STATE STANDARD. REFERRED TO SITE MANAGEMENT

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: MONTAIR FLIGHT SERVICE INC CONTACT:
OWNER ADDRESS: 1160 AIRPORT DRIVE
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 2
NUM OF REMOVED TANKS: 2
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 2

TANK ID: 844 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1995
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1986-1

TANK ID: 843 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1995
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-2

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 71 **DIST/DIR:** 0.04 SE **ELEVATION:** 336 **MAP ID:** 2

NAME:	BURLINGTON INTL AIRPORT	**REV:**	7/8/11
ADDRESS:	AIRPORT DR	**ID1:**	9999643
	SOUTH BURLINGTON VT 05401	**ID2:**	941663
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	US ARMY CORPS OF ENGINEERS	**PHONE:**	
SOURCE:	VT DEC		

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SITE FINDINGS: CONTAMINATION FOUND ABOVE STATE STANDARD. REFERRED TO SITE MANAGEMENT

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: US ARMY CORPS OF ENGINEERS CONTACT: AL LARAWAY
OWNER ADDRESS: 505 RECALL AVENUE
CHICOPEE, MA

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 3
NUM OF REMOVED TANKS: 3
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 3

TANK ID: 6458 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-2

TANK ID: 6459 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 3000
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-3

TANK ID: 6457 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 500
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 77 **DIST/DIR:** 0.04 SE **ELEVATION:** 336 **MAP ID:** 2

NAME:	MORTAIR RAMP	**REV:**	7/8/11
ADDRESS:	1160 AIRPORT DR	**ID1:**	965
	SOUTH BURLINGTON VT 05401	**ID2:**	941663
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	CITY OF BURLINGTON	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND ABOVE STATE STANDARD. REFERRED TO SITE MANAGEMENT

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: TOWN

OWNER NAME: CITY OF BURLINGTON CONTACT: BURLINGTON INTERNATIONAL AIRPORT
OWNER ADDRESS: 1200
BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 842 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 7500
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1965-1

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 43 **DIST/DIR:** 0.11 SE **ELEVATION:** 330 **MAP ID:** 3

NAME:	INNOTECH/BURLINGTON AIRPORT	**REV:**	10/23/98
ADDRESS:	AIRPORT DR	**ID1:**	1604
	SOUTH BURLINGTON VT 05403	**ID2:**	931503
	CHITTENDEN	**STATUS:**	
CONTACT:	802-658-2200	**PHONE:**	
SOURCE:	VTDEC		

TOTAL NUMBER OF TANKS: 4

TANK ID: 1 INSTALLED: 1963
SUBSTANCE STORED: AVIATION FUEL TANK CAP. (gallons): 10000
TYPE OF OPERATION: INDUSTRIAL/COMMERCIAL
TANK PROTECTION: UNPROTECTED
TANK MONITORING: MY97

PERMIT CANCELLED OR REVOKED?: Y

TANK ID: 2 INSTALLED: 1963
SUBSTANCE STORED: AVIATION FUEL TANK CAP. (gallons): 10000
TYPE OF OPERATION: INDUSTRIAL/COMMERCIAL
TANK PROTECTION: UNPROTECTED
TANK MONITORING: MY97

PERMIT CANCELLED OR REVOKED?: Y

TANK ID: 3 INSTALLED: 1983
SUBSTANCE STORED: AVIATION FUEL TANK CAP. (gallons): 10000
TYPE OF OPERATION: INDUSTRIAL/COMMERCIAL
TANK PROTECTION: UNPROTECTED
TANK MONITORING: MY96

PERMIT CANCELLED OR REVOKED?: Y

TANK ID: 4 INSTALLED: 1983
SUBSTANCE STORED: AVIATION FUEL TANK CAP. (gallons): 10000
TYPE OF OPERATION: INDUSTRIAL/COMMERCIAL
TANK PROTECTION: UNPROTECTED
TANK MONITORING: MY96

PERMIT CANCELLED OR REVOKED?: Y

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 72 **DIST/DIR:** 0.11 SE **ELEVATION:** 330 **MAP ID:** 3

NAME:	INNOTECH/BURLINGTON AIRPORT	**REV:**	7/8/11
ADDRESS:	AIRPORT DR	**ID1:**	1604
	SOUTH BURLINGTON VT 05403	**ID2:**	931503
		STATUS:	PULLED UST DATABASE
CONTACT:	CITY OF BURLINGTON NEW OWNER	**PHONE:**	802-658-2200
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND ABOVE STATE STANDARD. REFERRED TO SITE MANAGEMENT

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: CITY OF BURLINGTON NEW OWNER CONTACT: JAY HAMILTON
OWNER ADDRESS: AIRPORT ROAD
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 4
NUM OF REMOVED TANKS: 4
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 4

TANK ID: 1490 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1998
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: TT199705
TANK LABEL: 1963-1

TANK ID: 1491 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1998
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: TT199705
TANK LABEL: 1963-2

TANK ID: 1492 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1998
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: TT199605
TANK LABEL: 1983-3

TANK ID: 1493 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1998
TANK MONITORING: /

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 72 **DIST/DIR:** 0.11 SE **ELEVATION:** 330 **MAP ID:** 3

NAME:	INNOTECH/BURLINGTON AIRPORT	**REV:**	7/8/11
ADDRESS:	AIRPORT DR	**ID1:**	1604
	SOUTH BURLINGTON VT 05403	**ID2:**	931503
		STATUS:	PULLED UST DATABASE
CONTACT:	CITY OF BURLINGTON NEW OWNER	**PHONE:**	802-658-2200
SOURCE:	VT DEC		

PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: TT199605
TANK LABEL: 1983-4

Environmental FirstSearch
Site Detail Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 50 **DIST/DIR:** 0.11 SW **ELEVATION:** 350 **MAP ID:** 4

NAME:	GAMACHE RESIDENCE	**REV:**	7/8/11
ADDRESS:	82 SUBURBAN SQ	**ID1:**	2001088
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	CLEMENT GAMACHE	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: NO CONTAMINATION FOUND

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: RESIDENTIAL

OWNER NAME: CLEMENT GAMACHE CONTACT:
OWNER ADDRESS: 82 SUBURBAN SQUARE
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 2659 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: YEAR REMOVED: 2001
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1-R

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 46 **DIST/DIR:** 0.12 NW **ELEVATION:** 334 **MAP ID:** 5

NAME:	CHAMBERLIN SCHOOL	**REV:**	7/8/11
ADDRESS:	262 WHITE ST	**ID1:**	628
	SOUTH BURLINGTON VT 05401	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	SOUTH BURLINGTON SCHOOL DISTRICT	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: NO CONTAMINATION FOUND

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: TOWN

OWNER NAME: SOUTH BURLINGTON SCHOOL DISTRICT CONTACT:
OWNER ADDRESS: 550 DORSET STREET
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 538 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1992
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1965-1

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 6 **DIST/DIR:** 0.13 NE **ELEVATION:** 342 **MAP ID:** 6

NAME: HERTZ RENTAL CORP
ADDRESS: BURLINGTON INTERNATIONAL ARPT
SOUTH BURLINGTON VT 05403
CONTACT:
SOURCE: EPA

REV: 7/11/11
ID1: VTR000010207
ID2:
STATUS: VGN
PHONE:

SITE INFORMATION

CONTACT INFORMATION: KEVIN DESOTEL
BURLINGTON INTERNATIONAL ARPT
SOUTH BURLINGTON VT 05403

PHONE: 8025551212

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Benzene
Cadmium
Ignitable waste
Tetrachloroethylene
Trichloroethylene

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 24 **DIST/DIR:** 0.13 NE **ELEVATION:** 342 **MAP ID:** 6

NAME: HERTZ RENT A CAR/NATIONAL CAR
ADDRESS: 0 BURLINGTON INTRNTNL AIRPORT
SOUTH BURLINGTON VT
CONTACT:
SOURCE: VT DEC

REV: 7/8/11
ID1: 921313
ID2:
STATUS: ACTIVE
PHONE:

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: ANNUAL GROUNDWATER MONITORING TO TRACK 1992 GASOLINE RELEASE FROM BOTH HERTZ AND NATIONAL CAR RENTAL TANKS. MONITORING CONTINUES TO REVEAL GROUNDWATER ENFORCEMENT STANDARD EXCEEDANCES IN SEVERAL WELLS. NEXT ROUND SCHEDULED FOR OCTOBER 2010.
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: THE HERTZ CORP
OWNER ADDRESS: 225 BRAE BLVD.
PARK RIDGE NJ 07656

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 42 **DIST/DIR:** 0.13 NE **ELEVATION:** 342 **MAP ID:** 6

NAME:	HERTZ	**REV:**	7/8/11
ADDRESS:	BURLINGTON AIRPORT	**ID1:**	1182
	SOUTH BURLINGTON VT 05403	**ID2:**	921313
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	HERTZ CORPORATION	**PHONE:**	802 865 4087
SOURCE:	VT DEC		

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: HERTZ CORPORATION CONTACT: AREA MANAGER
OWNER ADDRESS: 1200 AIRPORT DRIVE
S BURLINGTON, VT

TANK INFORMATION

TOTAL NUMBER OF TANKS: 2

TANK ID: 10287 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: YEAR REMOVED: 1992
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1976-1-R

TANK ID: 10288 TANK STATUS: ACTIVE
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: FIBERGLASS REINFORCED PLASTIC YEAR REMOVED:
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL ELECTRONIC
TANK LABEL: 1992-1

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 1 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	ATLANTIC AVIATION SERVICES	**REV:**	7/11/11
ADDRESS:	BURLINGTON INTERNATIONAL ARPT	**ID1:**	VTR000008227
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	SGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: GEORGE BACIGALUPO
BURLINGTON INTERNATIONAL ARPT
SOUTH BURLINGTON VT 05407

PHONE: 8028633626

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

VIOLATION NUMBER: 0001 RESPONSIBLE: S - STATE
DETERMINED: 11/25/1997 DETERMINED BY: S - STATE
CITATION: 7-303(3)(a)
RESOLVED: 12/4/1997
TYPE: GENERATOR-GENERAL REQUIREMENTS

HAZARDOUS WASTE INFORMATION:

VT08
VT02
Benzene
Ignitable waste

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 2 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	BURLINGTON INTL AIRPORT	**REV:**	7/11/11
ADDRESS:	1200 AIRPORT 1 DR	**ID1:**	VTD988380572
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	VGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

CT MANIFEST INFORMATION

MANIFEST ID	SHIPPED	TSD ID	TRANS ID	QTY	MATERIAL
CTF0190130	12/11/1992	CTD072138969	ILD051060408	0055 G	RQ HAZARDOUS WASTE LIQUID NOS

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 5 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	F B O AVCENTER	**REV:**	2/16/10
ADDRESS:	1200 AIRPORT DR	**ID1:**	VTR000011346
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	SGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: GEORGE BACIGALUPO
AIRPORT DR
SOUTH BURLINGTON VT 05403

PHONE: 8026573100

CONTACT INFORMATION: CHRIS HILL
1200 AIRPORT DR
SOUTH BURLINGTON VT 05403

PHONE: 8028633626

UNIVERSE INFORMATION:

NAIC INFORMATION

48819 - OTHER SUPPORT ACTIVITIES FOR AIR TRANSPORTATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

VT02
Ignitable waste
Benzene
VT08

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 9 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	US T S A BURLINGTON INTL AIRPORT	**REV:**	7/11/11
ADDRESS:	1200 AIRPORT DR	**ID1:**	VTR000510883
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	VGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: DEBBIE NIETO
KIMBALL AVE STE 100
SOUTH BURLINGTON VT 05403

PHONE: 8028638178

UNIVERSE INFORMATION:

NAIC INFORMATION

488119 - OTHER AIRPORT OPERATIONS

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste
Corrosive waste
Reactive waste

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 65 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	ATLANTIC AVIATION - EAST HANGER	**REV:**	7/8/11
ADDRESS:	BURLINGTON INTERNATIONAL AIRPORT	**ID1:**	6583662
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	BTV AVCENTER INC DBA ATLANTIC AVIATI	**PHONE:**	802-657-3100
SOURCE:	VT DEC		

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: BTV AVCENTER INC DBA ATLANTIC AVIATI CONTACT: GEORGE BACIGALUPO
OWNER ADDRESS: 1130 AIRPORT DRIVE
SOUTH BURLINGTON, VT

TANK INFORMATION

TOTAL NUMBER OF TANKS: 2

TANK ID: 14712 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 12000
TANK PROTECTION: Ps YEAR REMOVED: 2009
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: IN TANK MONITOR
TANK LABEL: 1986-1

TANK ID: 14713 TANK STATUS: ACTIVE
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 12000
TANK PROTECTION: Ps YEAR REMOVED:
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: IN TANK MONITOR
TANK LABEL: 1986-2

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 66 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	BURLINGTON INTERNATIONAL AIRPORT	**REV:**	7/8/11
ADDRESS:	1200 AIRPORT DR	**ID1:**	460
	SOUTH BURLINGTON VT 05403	**ID2:**	931503
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	CITY OF BURLINGTON BTV AIRPORT	**PHONE:**	802-863-2874
SOURCE:	VT DEC		

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: TOWN

OWNER NAME: CITY OF BURLINGTON CONTACT: BTV BRIAN SEARLES DIR OF AVIATION
OWNER ADDRESS: 1200 AIRPORT DRIVE SUITE 1
SOUTH BURLINGTON, VT

TANK INFORMATION

TOTAL NUMBER OF TANKS: 13

TANK ID: 8628 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 275
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1-R

TANK ID: 8629 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 550
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-2-R

TANK ID: 8630 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-3-R

TANK ID: 8631 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 100
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-8-R

TANK ID: 8632 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 66 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	BURLINGTON INTERNATIONAL AIRPORT	**REV:**	7/8/11
ADDRESS:	1200 AIRPORT DR	**ID1:**	460
	SOUTH BURLINGTON VT 05403	**ID2:**	931503
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	CITY OF BURLINGTON BTV AIRPORT	**PHONE:**	802-863-2874
SOURCE:	VT DEC		

PIPE MONITORING:
TANK LABEL: 1968-4-R

TANK ID: 8633 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4000
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1968-5-R

TANK ID: 8634 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: YEAR REMOVED: 1997
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-10-R

TANK ID: 8635 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-6-R

TANK ID: 8636 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-7-R

TANK ID: 8637 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: YEAR REMOVED: 1997
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-9-R

TANK ID: 8638 TANK STATUS: ACTIVE
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 550
TANK PROTECTION: FIBERGLASS REINFORCED PLASTIC YEAR REMOVED:
TANK MONITORING: /

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 66 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	BURLINGTON INTERNATIONAL AIRPORT	**REV:**	7/8/11
ADDRESS:	1200 AIRPORT DR	**ID1:**	460
	SOUTH BURLINGTON VT 05403	**ID2:**	931503
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	CITY OF BURLINGTON BTV AIRPORT	**PHONE:**	802-863-2874
SOURCE:	VT DEC		

SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL ELECTRONIC
TANK LABEL: 1988-1

TANK ID: 8639 TANK STATUS: ACTIVE
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 12000
TANK PROTECTION: POLYETHYLENE JACKETED STEEL TANK YEAR REMOVED:
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL ELECTRONIC
TANK LABEL: 1997-2-2

TANK ID: 8640 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 2005
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-9-R

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 39 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	BURLINGTON INTERNATIONAL AIRPORT	**REV:**	
ADDRESS:	0 NATIONAL WEATHER SERVICE	**ID1:**	1001663
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	INSTITUTIONAL
CONTACT:	US DEPT OF COMM NAT	**PHONE:**	802-951-6393
SOURCE:	VTDEC		

Tanks Installed Capacity

CURRENT: 1 ??? 76 2000
REMOVED: 0
PERMANENT: 0
UNKNOWN: 0
TEMP: 0
CLOSED: 0

PRODUCTS: DIESEL
TANK MATERIAL: UNPROTECTED
PIPE MATERIAL:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 41 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	FAA ASR	**REV:**	3/8/10
ADDRESS:	BURLINGTON INTERNATIONAL AIRPORT	**ID1:**	1663
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	FAA	**PHONE:**	
SOURCE:	VT DEC		

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: FEDERAL

OWNER NAME: FAA SSC-86EB CONTACT: MICHAEL DAVIS MANAGER
OWNER ADDRESS: 1250 AIRPORT DRIVE
SOUTH BURLINGTON, VT

TANK INFORMATION

TOTAL NUMBER OF TANKS: 4

TANK ID: 11481 TANK STATUS: PULLED
SUBSTANCE STORED: DIESEL TANK CAPACITY IN GAL.: 500
TANK PROTECTION: YEAR REMOVED: 1998
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1979-4-R

TANK ID: 11482 TANK STATUS: PULLED
SUBSTANCE STORED: DIESEL TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: YEAR REMOVED: 1997
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1986-2-R

TANK ID: 11483 TANK STATUS: PULLED
SUBSTANCE STORED: DIESEL TANK CAPACITY IN GAL.: 2500
TANK PROTECTION: FIBERGLASS REINFORCED PLASTIC YEAR REMOVED: 2002
TANK MONITORING: /
SPILL/OVERFILL PROT.: OVERFILL PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL
TANK LABEL: 1988-1-R

TANK ID: 11484 TANK STATUS: ACTIVE
SUBSTANCE STORED: DIESEL TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: FIBERGLASS REINFORCED PLASTIC YEAR REMOVED:
TANK MONITORING: /
SPILL/OVERFILL PROT.: SPILL & OVERFILL ALARM PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL
TANK LABEL: 1997-3

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 45 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	NATIONAL ALAMOENTERPRISE CAR RENTAL	**REV:**	7/8/11
ADDRESS:	BURLINGTON INTERNATIONAL AIRPORT	**ID1:**	1453
	SOUTH BURLINGTON VT 05403	**ID2:**	921313
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	ENTERPRISE CAR RENTALS	**PHONE:**	802-864-7441
SOURCE:	VT DEC		

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: DESARNO ENTERPRISES INC CONTACT: STEVE DESARNO
OWNER ADDRESS: PO BOX 1644
WILLISTON, VT

TANK INFORMATION

TOTAL NUMBER OF TANKS: 2

TANK ID: 10866 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: YEAR REMOVED: 1996
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1979-1-R

TANK ID: 10867 TANK STATUS: ACTIVE
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: FIBERGLASS JACKETED STEEL TANK YEAR REMOVED:
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL ELECTRONIC
TANK LABEL: 1996-1

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 67 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	BROCKWAY AIRCRAFT HANGER	**REV:**	7/8/11
ADDRESS:	BURLINGTON INTERNATIONAL AIRPORT	**ID1:**	6585071
	SOUTH BURLINGTON VT 05401	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	BROCKWAY AIR INC	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: NO CONTAMINATION FOUND

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: BROCKWAY AIR INC CONTACT:
OWNER ADDRESS: 1 CALKINS COURT
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 4762 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 500
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1988
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1985-1

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 69 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	BURLINGTON INTERNATIONAL AIRPORT	**REV:**	7/8/11
ADDRESS:	NATIONAL WEATHER SERVICE	**ID1:**	1001663
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	US DEPT OF COMM NAT WEATHER	**PHONE:**	802-951-6393
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: NO CONTAMINATION FOUND

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: FEDERAL

OWNER NAME: US DEPT OF COMM NAT WEATHER CONTACT: ROBERT E BELL
OWNER ADDRESS: BURLINGTON INTERNATIONAL AIRPORT
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO: TANK OWNER
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 2293 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1996
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1976-1

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 48 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	FAA ASR	**REV:**	7/8/11
ADDRESS:	BURLINGTON INTERNATIONAL AIRPORT	**ID1:**	1663
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	FAA	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS:

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: FEDERAL

OWNER NAME: FAA SSC-86EB CONTACT: MICHAEL DAVIS MANAGER
OWNER ADDRESS: 1250 AIRPORT DRIVE
SOUTH BURLINGTON, VT

LAND OWNER: CITY OF BURLINGTON
PERMITTED TO: TANK OWNER
NUM OF PULLED TANKS:
NUM OF REMOVED TANKS:
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 4

TANK ID: 11483 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2500
TANK PROTECTION: FIBERGLASS REINFORCED PLASTIC YEAR REMOVED: 2002
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL
TANK LABEL: 1988-1-R

TANK ID: 11482 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: YEAR REMOVED: 1997
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1986-2-R

TANK ID: 11481 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 500
TANK PROTECTION: YEAR REMOVED: 1998
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1979-4-R

TANK ID: 11484 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: FIBERGLASS REINFORCED PLASTIC YEAR REMOVED: 2010
TANK MONITORING: /

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 48 **DIST/DIR:** 0.15 SE **ELEVATION:** 347 **MAP ID:** 7

NAME:	FAA ASR	**REV:**	7/8/11
ADDRESS:	BURLINGTON INTERNATIONAL AIRPORT	**ID1:**	1663
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	FAA	**PHONE:**	
SOURCE:	VT DEC		

PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL ELECTRONIC
TANK LABEL: 1997-3-r

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 51 **DIST/DIR:** 0.15 SE **ELEVATION:** 344 **MAP ID:** 8

NAME:	POWER RESIDENCE	**REV:**	7/8/11
ADDRESS:	4 MILLS AVE	**ID1:**	2005090
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	JENNIFER POWER	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: NO CONTAMINATION FOUND

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: RESIDENTIAL

OWNER NAME: JENNIFER POWER CONTACT:
OWNER ADDRESS: 4912 PARK AVE SOUTH
MINNEAPOLIS, MN

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 3006 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 275
TANK PROTECTION: YEAR REMOVED: 2004
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1-R

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 52 **DIST/DIR:** 0.15 SE **ELEVATION:** 344 **MAP ID:** 8

NAME:	POWER RESIDENCE	**REV:**	3/16/05
ADDRESS:	4 MILLS AVE	**ID1:**	5551796
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	
CONTACT:		**PHONE:**	
SOURCE:	VTDEC		

OWNER AND OPERATOR INFORMATION

OWNER NAME: JENNIFER POWER OWNER PERSON:
4 MILLS AVENUE
BURLINGTON VT,

OPERATOR NAME: JENNIFER POWER OPERATOR PERSON:

,

LANDOWNER:

FACILITY TYPE: RESIDENTIAL
PERMITTED TO:
SITE FINDINGS:
NO CONTAMINATION FOUND

NUMBER OF TANKS PULLED: 1
NUMBER OF GROUNDWATER MONITORING WELLS:
NUMBER OF VAPOR MONITORING WELLS:
COMMENTS: 2004

TANK INFORMATION
TANK ID: -1-1-R
YEAR REMOVED: 2004 DATE OUT OF SERVICE:
TANK CAPACITY IN GALL.: 275 SUBSTANCE STORED: #2 OR #4 FUEL OIL
TANK PROTECTION:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 53 **DIST/DIR:** 0.19 SE **ELEVATION:** 334 **MAP ID:** 9

NAME:	THRIFTY CAR RENTAL	**REV:**	7/8/11
ADDRESS:	1700 WILLISTON RD	**ID1:**	236
	SOUTH BURLINGTON VT 05401	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	PECOR/NORDIC LEASING/SPILLANE	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: NO CONTAMINATION FOUND

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: RETAIL

OWNER NAME: PECOR/NORDIC LEASING/SPILLANE CONTACT:
OWNER ADDRESS: KING STREET DOCK
BURLINGTON, VT

LAND OWNER: RAY PECOR
PERMITTED TO:
NUM OF PULLED TANKS: 3
NUM OF REMOVED TANKS: 3
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 3

TANK ID: 244 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 2002
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1-R

TANK ID: 246 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 3000
TANK PROTECTION: YEAR REMOVED: 2002
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-3-R

TANK ID: 245 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 2002
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-2-R

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 7 **DIST/DIR:** 0.20 SE **ELEVATION:** 337 **MAP ID:** 10

NAME:	INNOTECH AVIATION INC	**REV:**	7/11/11
ADDRESS:	1130 AIRPORT DR	**ID1:**	VTD065195760
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	VGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: CRAIG BACON
PO BOX 2283
SOUTH BURLINGTON VT 054032283

PHONE: 8026582200

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

AGENCY: S - STATE DATE: 12/29/1986
TYPE: 120 - WRITTEN INFORMAL

AGENCY: S - STATE DATE: 12/29/1986
TYPE: 120 - WRITTEN INFORMAL

AGENCY: S - STATE DATE: 4/20/1989
TYPE: 120 - WRITTEN INFORMAL

AGENCY: S - STATE DATE: 4/20/1989
TYPE: 120 - WRITTEN INFORMAL

VIOLATION INFORMATION:

VIOLATION NUMBER: 0001 RESPONSIBLE: S - STATE
DETERMINED: 12/10/1986 DETERMINED BY: S - STATE
CITATION:
RESOLVED: 3/7/1987
TYPE: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

VIOLATION NUMBER: 0002 RESPONSIBLE: S - STATE
DETERMINED: 2/17/1989 DETERMINED BY: S - STATE
CITATION:
RESOLVED: 7/20/1989
TYPE: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

VIOLATION NUMBER: 0003 RESPONSIBLE: S - STATE
DETERMINED: 2/17/1989 DETERMINED BY: S - STATE
CITATION:
RESOLVED: 2/12/1997
TYPE: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)

HAZARDOUS WASTE INFORMATION:

VT02
NH01

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 7 **DIST/DIR:** 0.20 SE **ELEVATION:** 337 **MAP ID:** 10

NAME:	INNOTECH AVIATION INC	**REV:**	7/11/11
ADDRESS:	1130 AIRPORT DR	**ID1:**	VTD065195760
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	VGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

waste
VT08
Benzene

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 49 **DIST/DIR:** 0.20 SE **ELEVATION:** 337 **MAP ID:** 10

NAME:	FBO AVCENTER NEW HANGER	**REV:**	7/8/11
ADDRESS:	1130 AIRPORT DR	**ID1:**	5559028
	SOUTH BURLINGTON VT 05403	**ID2:**	770122
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	UNKNOWN	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND BELOW STATE STANDARD, <20 PPM GAS OR 10 PPM DIESEL/HEATING OIL #2

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: TOWN

OWNER NAME: CITY OF BURLINGTON CONTACT: BTV BRIAN SEARLES DIR OF AVIATION
OWNER ADDRESS: 1200 AIRPORT DRIVE SUITE 1
SOUTH BURLINGTON, VT

LAND OWNER: CITY OF BURLINGTON
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 16841 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 2004
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1-R

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 30 **DIST/DIR:** 0.21 SE **ELEVATION:** 339 **MAP ID:** 11

NAME:	NORTH/SOUTH HANGER B I A	**REV:**	12/3/09
ADDRESS:	0 AIRPORT DR	**ID1:**	972200
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: SMAC ED
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE: 11/23/1999 0:00:00
SOURCE: 6900 OTHER, 6900 DRY WELL, 6900

OWNER INFORMATION:

OWNER: BURLINGTON INTERNATIONAL AIRPORT
OWNER ADDRESS: 1200 AIRPORT DRIVE
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.22 SE **ELEVATION:** 335 **MAP ID:** 12

NAME:	DR JOHN L WOLFF DDS	**REV:**	7/11/11
ADDRESS:	1683 WILLISTON RD	**ID1:**	VTR000507350
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	VGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: KAREN WOLFF
WILLISTON RD STE 1
SOUTH BURLINGTON VT 05403

PHONE: 8028649111

UNIVERSE INFORMATION:

NAIC INFORMATION

62121 - OFFICES OF DENTISTS

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Lead
Mercury
Silver

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 10 **DIST/DIR:** 0.23 SE **ELEVATION:** 322 **MAP ID:** 13

NAME:	WESCO INC AIRPORT EXXON	**REV:**	7/11/11
ADDRESS:	1800 WILLISTON RD	**ID1:**	VTR000009993
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	VGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: DAVID SIMENDINGER
PO BOX 2287
SOUTH BURLINGTON VT 05407

PHONE: 8028645155

CONTACT INFORMATION: DAVID SIMENDINGER
SAN REMO DR
SOUTH BURLINGTON VT 05403

PHONE: 8028645155

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

AGENCY: S - STATE DATE: 9/4/2000
TYPE: 120 - WRITTEN INFORMAL

AGENCY: S - STATE DATE: 9/4/2000
TYPE: 120 - WRITTEN INFORMAL

AGENCY: S - STATE DATE: 8/7/2002
TYPE: 210 - INITIAL 3008(A) COMPLIANCE ORDER

AGENCY: S - STATE DATE: 8/7/2002
TYPE: 210 - INITIAL 3008(A) COMPLIANCE ORDER

VIOLATION INFORMATION:

VIOLATION NUMBER: 0001 RESPONSIBLE: S - STATE
DETERMINED: 9/4/2000 DETERMINED BY: S - STATE
CITATION: 7-306(c)(1)(D), 7-311(a)(2)
RESOLVED:
TYPE: CONTAINER MGT=SAT LITE ACCUMS/CONTAINER

HAZARDOUS WASTE INFORMATION:

VT02
VT09
Ignitable waste

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 12 **DIST/DIR:** 0.23 SE **ELEVATION:** 322 **MAP ID:** 13

NAME:	AIRPORT EXXON	**REV:**	12/3/09
ADDRESS:	1800 WILLISTON RD	**ID1:**	972140
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: CONTAMINATION FOUND BENEATH FORMER UST DISPENSER ISLAND DURING PIPING REPLACEMENT. PCS DISPOSED BY CLEANUP CONTRACTOR, SITE INVESTIGATION COMPLETED.NO GW IMPACT. SMAC.
DATE OF SITE DISCOVERY: 1/1/1997 0:00:00
DATE OF SITE CLOSURE: 8/12/2003 0:00:00
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: WESCO, INC
OWNER ADDRESS: 32 SAN REMO DRIVE
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 64 **DIST/DIR:** 0.23 SE **ELEVATION:** 322 **MAP ID:** 13

NAME:	AIRPORT SHELL B8	**REV:**	7/8/11
ADDRESS:	1800 WILLISTON RD	**ID1:**	1679
	SOUTH BURLINGTON VT 05403	**ID2:**	972140
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	WESCO INC	**PHONE:**	802-864-5155
SOURCE:	VT DEC		

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: RETAIL

OWNER NAME: WESCO INC CONTACT: DAVE MCQUADE COMPLIANCE MGR
OWNER ADDRESS: 32 SAN REMO DRIVE
SOUTH BURLINGTON, VT

TANK INFORMATION

TOTAL NUMBER OF TANKS: 14

TANK ID: 11520 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 500
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-10-R

TANK ID: 11521 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-5-R

TANK ID: 11522 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-6-R

TANK ID: 11523 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4000
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-7-R

TANK ID: 11524 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4000
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 64 **DIST/DIR:** 0.23 SE **ELEVATION:** 322 **MAP ID:** 13

NAME:	AIRPORT SHELL B8	**REV:**	7/8/11
ADDRESS:	1800 WILLISTON RD	**ID1:**	1679
	SOUTH BURLINGTON VT 05403	**ID2:**	972140
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	WESCO INC	**PHONE:**	802-864-5155
SOURCE:	VT DEC		

PIPE MONITORING:
TANK LABEL: 1981-8-R

TANK ID: 11525 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 500
TANK PROTECTION: YEAR REMOVED: 1989
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-9-R

TANK ID: 11526 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 8000
TANK PROTECTION: YEAR REMOVED: 1996
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1986-1-R

TANK ID: 11527 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 6000
TANK PROTECTION: YEAR REMOVED: 1996
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1986-2-R

TANK ID: 11528 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 6000
TANK PROTECTION: YEAR REMOVED: 1996
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1986-3-R

TANK ID: 11529 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4000
TANK PROTECTION: YEAR REMOVED: 1996
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1986-4-R

TANK ID: 11530 TANK STATUS: ACTIVE
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4000
TANK PROTECTION: PROTECTED STEEL YEAR REMOVED:
TANK MONITORING: /

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

UST

SEARCH ID: 64 **DIST/DIR:** 0.23 SE **ELEVATION:** 322 **MAP ID:** 13

NAME:	AIRPORT SHELL B8	**REV:**	7/8/11
ADDRESS:	1800 WILLISTON RD	**ID1:**	1679
	SOUTH BURLINGTON VT 05403	**ID2:**	972140
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:	WESCO INC	**PHONE:**	802-864-5155
SOURCE:	VT DEC		

SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL ELECTRONIC
TANK LABEL: 1989-1

TANK ID: 11531 TANK STATUS: ACTIVE
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 8000
TANK PROTECTION: PROTECTED STEEL YEAR REMOVED:
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL ELECTRONIC
TANK LABEL: 1989-2-M

TANK ID: 11532 TANK STATUS: ACTIVE
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 6000
TANK PROTECTION: PROTECTED STEEL YEAR REMOVED:
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL ELECTRONIC
TANK LABEL: 1989-3-M

TANK ID: 11533 TANK STATUS: ACTIVE
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 6000
TANK PROTECTION: PROTECTED STEEL YEAR REMOVED:
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL ELECTRONIC
TANK LABEL: 1989-4

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

RCRAGN

SEARCH ID: 8 **DIST/DIR:** 0.24 SE **ELEVATION:** 326 **MAP ID:** 14

NAME:	KINNEY DRUGS #55	**REV:**	7/11/11
ADDRESS:	1653 WILLISTON RD	**ID1:**	VTR000514992
	SOUTH BURLINGTON VT 05403	**ID2:**	
	CHITTENDEN	**STATUS:**	VGN
CONTACT:		**PHONE:**	
SOURCE:	EPA		

SITE INFORMATION

CONTACT INFORMATION: DAVID SIMPSON
1653 WILLISTON RD
SOUTH BURLINGTON VT 5403

PHONE: (802)860-0714

NAIC INFORMATION

44611 -
812922 -

HAZARDOUS WASTE

D011 - Silver

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 76 **DIST/DIR:** 0.24 SW **ELEVATION:** 338 **MAP ID:** 15

NAME:	MERRIAM-GRAVES COMPANY	**REV:**	7/8/11
ADDRESS:	1550 WILLISTON RD	**ID1:**	8636826
	SOUTH BURLINGTON VT 05401	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	MERRIAM-GRAVES CORPORATION	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: NO STATE INSPECTION OR SITE ASSESMENT

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: MERRIAM-GRAVES CORPORATION CONTACT:
OWNER ADDRESS: 1550 WILLISTON ROAD
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 3
NUM OF REMOVED TANKS: 3
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 3

TANK ID: 5090 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 3000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1987
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1956-1

TANK ID: 5091 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1987
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1956-2

TANK ID: 5092 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 550
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1987
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1956-3

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 75 **DIST/DIR:** 0.25 SE **ELEVATION:** 327 **MAP ID:** 16

NAME:	MAYNARD AUTO	**REV:**	7/8/11
ADDRESS:	1725 WILLISTON RD	**ID1:**	9990216
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	TONY SOCINSKI	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND BELOW STATE STANDARD, <20 PPM GAS OR 10 PPM DIESEL/HEATING OIL #2

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: TONY SOCINSKI CONTACT:
OWNER ADDRESS: 1459 SHELBURNE ROAD
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 5705 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1991
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 13 **DIST/DIR:** 0.32 SE **ELEVATION:** 306 **MAP ID:** 17

NAME:	AIRPORT MOBIL	**REV:**	7/8/11
ADDRESS:	1801 WILLISTON RD	**ID1:**	900632
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: MONITORING ONGOING FOLLOWING UST REMOVAL AND ASSESSMENT. DURING 2008 PIPING REPLACEMENT, PCSS REMOVED AND DISPOSED AND SVE PIPING OPERATED TO RECOVER VOCS. SYSTEM DISCONTINUED IN 1/2011.
DATE OF SITE DISCOVERY: 1/1/1990 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: MOBIL OIL CORP
OWNER ADDRESS: 187 WOLF RD
ALBANY NY 12205

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 14 **DIST/DIR:** 0.38 NW **ELEVATION:** 307 **MAP ID:** 18

NAME:	BUDGET RENT A CAR	**REV:**	12/3/09
ADDRESS:	700 AIRPORT PKWY	**ID1:**	931526
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO FURTHER ACTION PLANNED
PROJECT STATUS: DETERMINE DEGREE AND EXTENT OF CONTAMINATION
DATE OF SITE DISCOVERY: 12/1/1993 0:00:00
DATE OF SITE CLOSURE: 5/1/1994 0:00:00
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: VAL PREDA LEASING INC
OWNER ADDRESS: 700 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 68 **DIST/DIR:** 0.38 NW **ELEVATION:** 307 **MAP ID:** 18

NAME:	BUDGET RENT A CAR	**REV:**	7/8/11
ADDRESS:	700 AIRPORT PKWY	**ID1:**	621
	SOUTH BURLINGTON VT 05403	**ID2:**	931526
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	VAL PREDA LEASING INC	**PHONE:**	802-863-5512
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND ABOVE STATE STANDARD. REFERRED TO SITE MANAGEMENT

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: VAL PREDA LEASING INC CONTACT: PETER VAL PREDA, PRESIDENT
OWNER ADDRESS: 700 AIRPORT PARKWAY
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO: TANK OWNER
NUM OF PULLED TANKS: 2
NUM OF REMOVED TANKS: 2
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 2

TANK ID: 529 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4000
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1993
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-1

TANK ID: 530 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 500
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: UNK
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1981-2

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 31 **DIST/DIR:** 0.40 SE **ELEVATION:** 292 **MAP ID:** 19

NAME:	NORTHERN RENT A CAR	**REV:**	12/3/09
ADDRESS:	1890 WILLISTON RD	**ID1:**	931406
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO FURTHER ACTION PLANNED
PROJECT STATUS: SITE INVEST COMPLETE, SITE CLOSED
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE: 7/1/1994 0:00:00
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: NORTHERN RENT A CAR
OWNER ADDRESS: 1890 WILLISTON RD
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 25 **DIST/DIR:** 0.40 SE **ELEVATION:** 297 **MAP ID:** 20

NAME: HOWARD BANK-WILLISTON RD.
ADDRESS: 0 WILLISTON RD
SOUTH BURLINGTON VT
CONTACT:
SOURCE: VT DEC

REV: 12/3/09
ID1: 911055
ID2:
STATUS: CLOSED
PHONE:

6900
SITE INFORMATION

PRIORITY: NO FURTHER ACTION PLANNED
PROJECT STATUS: SITE ASSESSMENT FOUND CONTAMINATION. MONITORING TO CONTINUE.
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE: 7/6/1992 0:00:00
SOURCE: 6900

OWNER INFORMATION:

OWNER:
OWNER ADDRESS:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 18 **DIST/DIR:** 0.42 SE **ELEVATION:** 300 **MAP ID:** 21

NAME:	CRW CORP	**REV:**	12/3/09
ADDRESS:	1879 WILLISTON RD	**ID1:**	20033139
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: 2800 GALLON WASTE OIL TANK REMOVED 8/14/03. 4 MONITORING WELLS INSTALLED; ONE WELL CONTAINS 124TMB AND 135TMB IN EXCESS OF STANDARDS. A NOTICE WAS PLACED IN THE LAND RECORD. ALL ONSITE MONITORING WELLS WERE PROPERLY CLOSED..
DATE OF SITE DISCOVERY: 8/20/2003 0:00:00
DATE OF SITE CLOSURE: 3/30/2004 0:00:00
SOURCE: 6900 UST-WASTE OIL, 6900

OWNER INFORMATION:

OWNER: BOB WOODS
OWNER ADDRESS: P.O. BOX 1099
WILLISTON VT 05495

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 47 **DIST/DIR:** 0.42 SE **ELEVATION:** 300 **MAP ID:** 21

NAME:	CRW CORPORATION	**REV:**	7/8/11
ADDRESS:	1879 WILLISTON RD	**ID1:**	5555758
	SOUTH BURLINGTON VT	**ID2:**	20033139
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	CRW CORPORATION	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND ABOVE STATE STANDARD. REFERRED TO SITE MANAGEMENT

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERICAL

OWNER NAME: CRW CORPORATION CONTACT: BOB WOOD
OWNER ADDRESS: 795 MARSHALL AVENUE
WILLISTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 4258 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2800
TANK PROTECTION: YEAR REMOVED: 2003
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1-R

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 54 **DIST/DIR:** 0.46 NE **ELEVATION:** 308 **MAP ID:** 22

NAME:	VERMONT AIR NATIONAL GUARD	**REV:**	7/8/11
ADDRESS:	105 NCO DRIVE/BURLINGTON AIRPORT	**ID1:**	1995
	SOUTH BURLINGTON VT 05403	**ID2:**	770043
		STATUS:	PULLED UST DATABASE
CONTACT:	VERMONT AIR NATIONAL GUARD	**PHONE:**	802-660-5966
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND ABOVE STATE STANDARD. REFERRED TO SITE MANAGEMENT

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: STATE

OWNER NAME: VERMONT AIR NATIONAL GUARD CONTACT: MATTHEW R COTE MAJOR
OWNER ADDRESS: 105 NCO DRIVE
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO: TANK OWNER
NUM OF PULLED TANKS: 61
NUM OF REMOVED TANKS: 61
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 61

TANK ID: 1936 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 550
TANK PROTECTION: YEAR REMOVED: 1997
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1991-55

TANK ID: 1935 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: YEAR REMOVED: 1995
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1987-40

TANK ID: 1934 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: YEAR REMOVED: 1995
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1987-39

TANK ID: 1917 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 54 **DIST/DIR:** 0.46 NE **ELEVATION:** 308 **MAP ID:** 22

NAME: VERMONT AIR NATIONAL GUARD
ADDRESS: 105 NCO DRIVE/BURLINGTON AIRPORT
SOUTH BURLINGTON VT 05403
CONTACT: VERMONT AIR NATIONAL GUARD
SOURCE: VT DEC

REV: 7/8/11
ID1: 1995
ID2: 770043
STATUS: PULLED UST DATABASE
PHONE: 802-660-5966

PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1979-15

TANK ID: 1937 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 3000
TANK PROTECTION: YEAR REMOVED: 1997
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1991-56

TANK ID: 1916 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4000
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1978-10

TANK ID: 1933 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1986-6

TANK ID: 1915 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 275
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1975-42

TANK ID: 1914 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 1000
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1975-28

TANK ID: 1913 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: YEAR REMOVED: 1994

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 54 **DIST/DIR:** 0.46 NE **ELEVATION:** 308 **MAP ID:** 22

NAME: VERMONT AIR NATIONAL GUARD
ADDRESS: 105 NCO DRIVE/BURLINGTON AIRPORT
SOUTH BURLINGTON VT 05403
CONTACT: VERMONT AIR NATIONAL GUARD
SOURCE: VT DEC

REV: 7/8/11
ID1: 1995
ID2: 770043
STATUS: PULLED UST DATABASE
PHONE: 802-660-5966

TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1973-4

TANK ID: 1938 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 500
TANK PROTECTION: YEAR REMOVED: 1997
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1991-57

TANK ID: 1911 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 5000
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1971-13

TANK ID: 1929 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 20000
TANK PROTECTION: YEAR REMOVED: UNK
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1985-48

TANK ID: 1912 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 5000
TANK PROTECTION: YEAR REMOVED: 1994
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1971-38

TANK ID: 1924 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 20000
TANK PROTECTION: YEAR REMOVED: 1991
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1983-50

TANK ID: 1925 TANK STATUS: PULLED

- More Details Exist For This Site; Max Page Limit Reached -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 73 **DIST/DIR:** 0.47 SE **ELEVATION:** 341 **MAP ID:** 23

NAME:	KNEELAND FLIGHT FACILITY	**REV:**	7/8/11
ADDRESS:	0 BLDG 890 BURLINGTON AIRPORT	**ID1:**	1037
	SOUTH BURLINGTON VT 05402	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	VERMONT MILITARY DEPARTMENT	**PHONE:**	802-338-3041
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND BELOW STATE STANDARD, <20 PPM GAS OR 10 PPM DIESEL/HEATING OIL #2

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: STATE

OWNER NAME: VERMONT MILITARY DEPARTMENT CONTACT: LTC ROBERT J. GINGRAS
OWNER ADDRESS: BUILDING 14 CAMP JOHNSON
COLCHESTER, VT

LAND OWNER: VERMONT MILITARY DEPARTMENT
PERMITTED TO:
NUM OF PULLED TANKS: 2/1/1
NUM OF REMOVED TANKS: 4
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 4

TANK ID: 9900 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4450
TANK PROTECTION: YEAR REMOVED: 1992
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1955-2-R

TANK ID: 9903 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: PROTECTED STEEL YEAR REMOVED: 2008
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING: INTERSTITIAL
TANK LABEL: 1996-1

TANK ID: 9902 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 10000
TANK PROTECTION: YEAR REMOVED: 1996
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1972-1-R

TANK ID: 9901 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 4450
TANK PROTECTION: YEAR REMOVED: 1992
TANK MONITORING: /

- Continued on next page -

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 73 **DIST/DIR:** 0.47 SE **ELEVATION:** 341 **MAP ID:** 23

NAME:	KNEELAND FLIGHT FACILITY	**REV:**	7/8/11
ADDRESS:	0 BLDG 890 BURLINGTON AIRPORT	**ID1:**	1037
	SOUTH BURLINGTON VT 05402	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	VERMONT MILITARY DEPARTMENT	**PHONE:**	802-338-3041
SOURCE:	VT DEC		

PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: 1955-3-R

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 29 **DIST/DIR:** 0.47 SE **ELEVATION:** 302 **MAP ID:** 24

NAME:	NORTH COUNTRY RESTAURANT SERVICES PROPER	**REV:**	12/3/09
ADDRESS:	1891 WILLISTON RD	**ID1:**	20033174
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: CONTAMINATION DISCOVERED DURING THE REMOVAL OF A GASOLINE UST. FOUR MONITORING WELLS SAMPLED ON ADJACENT, DOWNGRADIENT PROPERTY THE MONTH BEFORE TANK WAS REMOVED, AND HAD NO SIGNIFICANT CONCENTRATIONS OF PETROLEUM CONTAMINATION. WATER AND SEWER SUPPLIED BY THE MUNICIPAL SYSTEM.
DATE OF SITE DISCOVERY: 11/20/2003 0:00:00
DATE OF SITE CLOSURE: 3/17/2010 0:00:00
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: LEE ZACHERY
OWNER ADDRESS: 1891 WILLISTON RD
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 78 **DIST/DIR:** 0.47 SE **ELEVATION:** 302 **MAP ID:** 24

NAME:	ZACHERY S	**REV:**	7/8/11
ADDRESS:	1891 WILLISTON RD	**ID1:**	5559472
	SOUTH BURLINGTON VT 05403	**ID2:**	20033177
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	NORTH COUNTRY RESTAURANT SERVICE	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND ABOVE STATE STANDARD. REFERRED TO SITE MANAGEMENT

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERICAL

OWNER NAME: NORTH COUNTRY RESTAURANT SERVICE CONTACT: LEE ZACHERY
OWNER ADDRESS: 1891 WILLISTON ROAD
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 4583 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 2000
TANK PROTECTION: YEAR REMOVED: 2003
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1-R

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 28 **DIST/DIR:** 0.47 SE **ELEVATION:** 299 **MAP ID:** 25

NAME:	LOGAN EQUIPMENT	**REV:**	7/8/11
ADDRESS:	1901 WILLISTON RD	**ID1:**	992611
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: CONTAM FOUND DURING PROPERTY ESA ISI DONE. 1/18/00, 3/23/00 CONTAMINATION ABOVE VGES IN 2 MWS. ANNUAL MONITOR OR SMAC W/NOTICE TO LAND RECORDS. CONTAM PRE-DATES TENANT, TENANT HAS LEFT SITE. 7/5/2000 OWNER UNRESPONSIVE/UNKNOWN.
DATE OF SITE DISCOVERY: 6/23/1999 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900 FLOOR DRAIN/DRY WELL, 6900

OWNER INFORMATION:

OWNER: LOGAN EQUIPMENT CO
OWNER ADDRESS: 1901 WILLISTON RD
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

LUST

SEARCH ID: 74 **DIST/DIR:** 0.50 SE **ELEVATION:** 304 **MAP ID:** 26

NAME:	LAKE CHAMPLAIN SUBARU	**REV:**	7/8/11
ADDRESS:	1907 WILLISTON RD	**ID1:**	9990215
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	PULLED UST DATABASE
CONTACT:	DOROTHY MAYO	**PHONE:**	
SOURCE:	VT DEC		

This site comes from the Vermont Department of Environmental Conservation Pulled Underground Storage Tanks database and may or may not be considered a leaking underground storage tank , please review the data below for further indications of contamination.

SITE FINDINGS: CONTAMINATION FOUND BELOW STATE STANDARD, <20 PPM GAS OR 10 PPM DIESEL/HEATING OIL #2

FACILITY AND OWNER INFORMATION

TYPE OF FACILITY: INDUSTRIAL/COMMERCIAL

OWNER NAME: DOROTHY MAYO CONTACT:
OWNER ADDRESS: 1977 WILLISTON ROAD
SOUTH BURLINGTON, VT

LAND OWNER: ** UNKNOWN ***
PERMITTED TO:
NUM OF PULLED TANKS: 1
NUM OF REMOVED TANKS: 1
NUM OF GROUNDWATER MONITORING WELLS:
NUM OF VAPOR MONITORING WELLS:

TANK INFORMATION

TOTAL NUMBER OF TANKS: 1

TANK ID: 5704 TANK STATUS: PULLED
SUBSTANCE STORED: TANK CAPACITY IN GAL.: 500
TANK PROTECTION: UNPROTECTED STEEL YEAR REMOVED: 1991
TANK MONITORING: /
SPILL/OVERFILL PROT.: PUMP TYPE:
PIPE PROTECTION: TESTED DATE:
PIPE MONITORING:
TANK LABEL: -1-1

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 57 **DIST/DIR:** 0.53 SW **ELEVATION:** 315 **MAP ID:** 27

NAME:	U S POST OFFICE	**REV:**	12/3/09
ADDRESS:	60 WHITE ST	**ID1:**	972299
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: UST REMOVED. CONTAMINATION FOUND. INVESTIGATION PERFORMED AND PCS EXCAVATED/DISPOSED OF AT ESMI. MWS HAVE BEEN PROPERLY ABANDONED. RONALD ROBBINS OF USPS IS OFFICIAL CONTACT.
DATE OF SITE DISCOVERY: 11/1/1997 0:00:00
DATE OF SITE CLOSURE: 1/12/2006 0:00:00
SOURCE: 6900 UST-HEATING OIL, 6900

OWNER INFORMATION:

OWNER: M A PARSONS AND SONS
OWNER ADDRESS: P O BOX 450
YORK ME 03909

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 22 **DIST/DIR:** 0.54 SW **ELEVATION:** 333 **MAP ID:** 28

NAME:	GRACEY S STORE	**REV:**	7/8/11
ADDRESS:	0 WILLISTON RD	**ID1:**	951924
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: SEVERAL REQUESTS FOR WORK MADE BETWEEN 1996 AND 2005. VERTERRE WP APPROVED 8/05. ISI FOUND SIGNIFICANT LEVELS OF CONTAMIATION AT THIS SSITE UST LEAK FOUND IN OCTOBER, 2006. 1,500 GALLONS OF CONTAMINATED WATER REMOVED FROM SUBSURFACE. PID READINGS IN ONSITE STORM SEWER UP TO 1,100 PARTS PER MILLION. LARGE SCALE SOIL REMOVAL COMPLETED AND TANK DEFICIENCIES CORRECTED. ONGOING GROUNDWATER MONITORING IS BEING CONDUCTED AT THIS SITE. GROUNDWATER CONTAMINATION APPEARS TO BE SUBSIDING. NO SIGNIFICANT VAPORS PRESENT IN ONSITE STORM SEWER ACCESS POINTS.
DATE OF SITE DISCOVERY: 2/1/1996 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: SALAMIN HANDY
OWNER ADDRESS: 75 WINOOSKI AVE
BURLINGTON VT 05401

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 63 **DIST/DIR:** 0.54 SW **ELEVATION:** 329 **MAP ID:** 29

NAME:	WILLISTON ROAD MOBIL	**REV:**	7/8/11
ADDRESS:	1314 WILLISTON RD	**ID1:**	921327
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: GW IMPACTED FROM UST. INVEST NEEDED; 01/2006 - RECEVIED EXPRESSWAY NOTIFICATION - SI TO OCCUR JAN/FEB. 2006; VGES EXCEEDENCES REPORTED; MOST LIKELY OFFSITE CONTAMINATION - FURTHER INVESTIGATION TO OCCUR. OFFSITE MIGRATION CONFIRMED IN JUNE 2006. STILL NOT DEFINED, FURTHER DOWNGRADIENT WELLS PLANNED FOR FALL 2006. VTGES EXCEEDENCES IN ADDITIONAL DOWNGRADIENT WELLS. MORE SITE CHARACTERIZATION PLANNED FOR SPRING 2007. LOW LEVELS; NO SENSITIVE RECEPTORS. CURRENT RECOMMENDATION IS FOR NEIGHBORING GAS STATION SMS SITE # 90-0496 TO DO FURTHER CHARACTERIZATION TO DETERMINE IF DOWNGRADIENT PLUMES ARE COMBINED. QUARTERLY GW SAMPLING ONGOING. 1/20/2010 - REDUCED TO SEMIANNUAL IN 2009, WILL CONTINUE THRU 2010 - MAY DECREASE TO ANNUAL AFTER THAT. NO CORRECTIVE ACTION PLANNED.
DATE OF SITE DISCOVERY: 12/8/1992 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: S.B. COLLINS, INC.
OWNER ADDRESS: P O BOX 671
ST. ALBANS VT 05478

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 58 **DIST/DIR:** 0.55 SW **ELEVATION:** 320 **MAP ID:** 30

NAME:	U-SAVE BEVERAGE	**REV:**	7/8/11
ADDRESS:	0 WILLISTON RD	**ID1:**	900496
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: UST CONTAMINATION FOUND. 5/2011 1 OF 6 MWS ABOVE VGES. ANNUAL MONITORING
DATE OF SITE DISCOVERY: 4/4/1990 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: CHAMPLAIN OIL CO
OWNER ADDRESS: P O BOX 2126
SOUTH BURLINGTON VT 05407

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 16 **DIST/DIR:** 0.58 NE **ELEVATION:** 328 **MAP ID:** 31

NAME:	BURLINGTON INTERNATIONAL AIRPORT	**REV:**	7/8/11
ADDRESS:	0 AIRPORT RD	**ID1:**	931503
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: ANNUAL GROUNDWATER MONITORING ONGOING AND FREE PRODUCT MONITORING.
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE:
SOURCE: 6900 ABOVE GROUND STORAGE TANK, 6900 UST-HEATING OIL, 6900

OWNER INFORMATION:

OWNER: BURLINGTON INTERNATIONAL AIRPORT
OWNER ADDRESS: 1200 AIRPORT DRIVE
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 61 **DIST/DIR:** 0.58 NE **ELEVATION:** 307 **MAP ID:** 32

NAME:	VERMONT AIR NATIONAL GUARD	**REV:**	7/8/11
ADDRESS:	0 AIRPORT RD	**ID1:**	770043
	SOUTH BURLINGTON VT	**ID2:**	
		STATUS:	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: DIRECTLY IMPACTED SENSITIVE RECEPTOR (VT SITE PRIORITY SCORE>60)
PROJECT STATUS: BASEWIDE SUPPLEMENTAL REMEDIAL INVESTIGATION UNDERWAY SUMMER 04; REPORT BY EARLY 05. SITE 1 GROUNDWATER INTERCEPTION TRENCH OPERATING AS DESIGNED. SITE 3 FREE PRODUCT RECOVERY SYSTEMS OPERATING AS DESIGNED.
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE:
SOURCE: 6900 ABOVE GROUND STORAGE TANK, 6900 UST-KEROSENE, 6900 SPILL, 6900 OTHER, 6900

OWNER INFORMATION:

OWNER: VERMONT AIR NATIONAL GUARD
OWNER ADDRESS: AIRPORT ROAD
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 26 **DIST/DIR:** 0.60 NE **ELEVATION:** 225 **MAP ID:** 33

NAME:	KELCO FACILITY	**REV:**	12/3/09
ADDRESS:	73 ETHAN ALLEN DR	**ID1:**	20002783
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: THREE USTS REMOVED JUNE 2000, LIMITED CONTAMINATION REMAINS IN THE VICINITY OF THE FORMER DIESEL UST. ETHYLBENZENE, 1,2,4- AND 1,3,5-TRIMETHYLBENZENE REMAIN, AT LEVELS BELOW VGES, IN THE DIESEL SOURCE AREA WELL. NO SENSITIVE RECEPTOS AFFECTED, RESIDUAL CONTAMINATION CONFINED TO BETWEEN 6 AND 9 FT BGS.
DATE OF SITE DISCOVERY: 6/5/2000 0:00:00
DATE OF SITE CLOSURE: 4/9/2009 0:00:00
SOURCE: 6900 UST-WASTE OIL, 6900 OTHER, 6900 UST-DIESEL, 6900

OWNER INFORMATION:

OWNER: JEFF MYERS & MICHAEL CRETE
OWNER ADDRESS: 73 ETHAN ALLEN DRIVE
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 32 **DIST/DIR:** 0.66 NW **ELEVATION:** 298 **MAP ID:** 34

NAME:	OFFSET HOUSE	**REV:**	12/3/09
ADDRESS:	UNKNOWN	**ID1:**	870107
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO FURTHER ACTION PLANNED
PROJECT STATUS: SITE CLOSED
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE:
SOURCE: 6900

OWNER INFORMATION:

OWNER:
OWNER ADDRESS:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 33 **DIST/DIR:** 0.66 NW **ELEVATION:** 298 **MAP ID:** 34

NAME:	OFFSET HOUSE PROPERTY	**REV:**	12/3/09
ADDRESS:	UNKNOWN	**ID1:**	770075
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO FURTHER ACTION PLANNED
PROJECT STATUS: CONTAMINATION BELOW ACTION LEVELS, SITE CLOSED
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE:
SOURCE: 6900

OWNER INFORMATION:

OWNER:
OWNER ADDRESS:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 62 **DIST/DIR:** 0.66 SW **ELEVATION:** 322 **MAP ID:** 35

NAME:	WILLISTON ROAD CITGO - DAVE S CITGO	**REV:**	7/8/11
ADDRESS:	1241 WILLISTON RD	**ID1:**	900545
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: THREATENED SENSITIVE RECEPTOR (30 >= VT SITE PRIORITY SCORE <= 60)
PROJECT STATUS: VAPOR IMPACTS IN ADJACENT BUILDING. SVE REMEDIAL SYSTEM INSTALLED 11/00. REMEDIATION COMPLETED, REMEDIATION SYSTEM HAS BEEN SHUT OFF, MONITORING ONGOING. NO INDOOR AIR IMPACTS. 11/2010 - SEMI ANNUAL GW MONITORING ONGOING.
DATE OF SITE DISCOVERY: 9/1/1996 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: CHAMPLAIN OIL CO
OWNER ADDRESS: P O BOX 2126
SOUTH BURLINGTON VT 05407

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 20 **DIST/DIR:** 0.67 SE **ELEVATION:** 315 **MAP ID:** 36

NAME: ETHAN ALLEN AIR FORCE BASE
ADDRESS: 0 AIRPORT DR
SOUTH BURLINGTON VT
CONTACT:
SOURCE: VT DEC

REV: 12/3/09
ID1: 941663
ID2:
STATUS: CLOSED
PHONE:

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: ALL CONTAMINATED SOIL FROM FUEL OIL UST REMOVED & DISPOSED
DATE OF SITE DISCOVERY: 8/1/1994 0:00:00
DATE OF SITE CLOSURE: 6/1/1997 0:00:00
SOURCE: 6900 UST-HEATING OIL, 6900

OWNER INFORMATION:

OWNER: CARL LAROE
OWNER ADDRESS:

Environmental FirstSearch
Site Detail Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 38 **DIST/DIR:** 0.68 NW **ELEVATION:** 280 **MAP ID:** 37

NAME:	SOUTH BURLINGTON STREET DEPT	**REV:**	7/8/11
ADDRESS:	PATCHEN RD	**ID1:**	931383
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: ANNUAL GW MONITORING OF GASOLINE UST RELEASE. NEXT ROUND MAY 2009. EVALUATING WAYS TO BETTER DEFINE DOWNGRADIENT EXTENT OF CONTAMINATION, E.G., USE LANDFILL WELLS.
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: CITY OF BURLINGTON
OWNER ADDRESS: 53 LAVALLEY LANE
BURLINGTON VT 05401

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 15 **DIST/DIR:** 0.70 NE **ELEVATION:** 340 **MAP ID:** 38

NAME:	BURLINGTON AIRPORT	**REV:**	12/3/09
ADDRESS:	0 AIRPORT PKWY	**ID1:**	921305
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO FURTHER ACTION PLANNED
PROJECT STATUS: SITE ASSESS COMPLETE, NO IMPACT TO SENSITIVE RECEPTORS
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE: 8/18/1993 0:00:00
SOURCE: 6900 OTHER, 6900

OWNER INFORMATION:

OWNER: AIR B P
OWNER ADDRESS: CLEVELAND HOPKINS INTNL AIRPOR
CLEVELAND OH 44135

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 34 **DIST/DIR:** 0.71 SE **ELEVATION:** 329 **MAP ID:** 39

NAME:	P J S AUTOMOTIVE	**REV:**	12/3/09
ADDRESS:	2073 WILLISTON RD	**ID1:**	982447
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: UNDRGROUND STORAGE TANK REMOVED. CONTAMINATION FOUND. INVESTIGATION COMPLETED. SITE CLOSED.
DATE OF SITE DISCOVERY: 5/19/1998 0:00:00
DATE OF SITE CLOSURE: 5/5/1999 0:00:00
SOURCE: 6900 WASTE OIL, 6900

OWNER INFORMATION:

OWNER: PAUL CHOINIERE
OWNER ADDRESS: 2073 ILLISTON RD
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 37 **DIST/DIR:** 0.71 SW **ELEVATION:** 319 **MAP ID:** 40

NAME:	SOUTH BURLINGTON CENTRAL SCHOOL	**REV:**	12/3/09
ADDRESS:	1181 WILLISTON RD	**ID1:**	921301
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO FURTHER ACTION PLANNED
PROJECT STATUS: UST REMOVED. IDENTIFIED CONTAMINATION. FURTHER WORK PENDING.
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE: 5/27/1993 0:00:00
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: BURLINGTON SCHOOL DISTRICT
OWNER ADDRESS: 287 SHELBURNE RD
BURLINGTON VT 05401

Environmental FirstSearch
Site Detail Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 19 **DIST/DIR:** 0.74 SW **ELEVATION:** 318 **MAP ID:** 41

NAME:	DOLANS VARIETY	**REV:**	7/8/11
ADDRESS:	1160 WILLISTON RD	**ID1:**	961956
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: 03/11: CONTAMINANT CONCENTRATIONS DECLINING OVER TIME. MONITORING ONCE EVERY OTHER YEAR. NEXT MONITORING ROUND SCHEDULED FOR SPRING 2011.
DATE OF SITE DISCOVERY: 2/1/1996 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: PRECOURT INVESTMENT CO
OWNER ADDRESS: 21 MAPLE LEAF LANE
SHELBURNE VT 05482

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 36 **DIST/DIR:** 0.77 SW **ELEVATION:** 324 **MAP ID:** 42

NAME:	SARVAK RESIDENCE	**REV:**	12/3/09
ADDRESS:	290 HINESBURG RD	**ID1:**	20063578
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: UNDERGROUND STORAGE TANK REMOVED. CONTAMINATION FOUND. EPS VT REMOVED 6 TONS OF PETROLEUM CONTAMINATED SOIL FROM THE TANK AREA. CONFIRMATORY SOIL SAMPLES INDICATED THAT THE AREA HAS BEEN ADEQUATELY REMEDIATED. NO FURTHER INVESTIGATION REQUIRED.
DATE OF SITE DISCOVERY: 4/10/2006 0:00:00
DATE OF SITE CLOSURE: 10/9/2006 0:00:00
SOURCE: 6900 UST-HEATING OIL, 6900

OWNER INFORMATION:

OWNER: CHRIS SARVAK
OWNER ADDRESS: 290 HINESBURG RD
SOUTH BURLINGTON VT 05403

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 17 **DIST/DIR:** 0.78 SW **ELEVATION:** 312 **MAP ID:** 43

NAME:	CHAMPLAIN VALLEY SUNOCO	**REV:**	7/8/11
ADDRESS:	1143 WILLISTON RD	**ID1:**	982491
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO SENSITIVE RECEPTOR IMPACT (VT SITE PRIORITY SCORE<30)
PROJECT STATUS: CONTAM SOIL AND GW. INVESTIGATION COMPLETED. 12/16/99 2 OF 4 MWS ABOVE VGES. 3/21, 9/5/00, 3/30, 9/19/01, 3/15/02, 3/18/03 3 OF 4 MWS, 3/24/04 2 OF 3MWS ABOVE VGES, 9/09 2 OF 9 MWS ABOVE VGES, SITE REDEVELOPED AS NSB BANK, BIENNIAL MONITOR
DATE OF SITE DISCOVERY: 9/21/1998 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: NSB SAVINGS BANK
OWNER ADDRESS: PO BOX 347
NORTHFIELD VT 05663

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 59 **DIST/DIR:** 0.80 SW **ELEVATION:** 313 **MAP ID:** 44

NAME: UNIVERSITY GULF
ADDRESS: 0 WILLISTON RD
SOUTH BURLINGTON VT
CONTACT:
SOURCE: VT DEC

REV: 7/8/11
ID1: 900646
ID2:
STATUS: ACTIVE
PHONE:

6900
SITE INFORMATION

PRIORITY: THREATENED SENSITIVE RECEPTOR (30 >= VT SITE PRIORITY SCORE <= 60)
PROJECT STATUS: MONITORING ONGOING FOLLOWING UST REMOVAL.
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER:
OWNER ADDRESS:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 23 **DIST/DIR:** 0.91 SW **ELEVATION:** 320 **MAP ID:** 45

NAME:	GREERS DRY CLEANING DORSET STREET	**REV:**	7/8/11
ADDRESS:	UNKNOWN	**ID1:**	20053395
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: THREATENED SENSITIVE RECEPTOR (30 >= VT SITE PRIORITY SCORE <= 60)
PROJECT STATUS:
DATE OF SITE DISCOVERY: 7/1/2005 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900

OWNER INFORMATION:

OWNER:
OWNER ADDRESS:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 35 **DIST/DIR:** 0.91 SW **ELEVATION:** 329 **MAP ID:** 46

NAME:	REILLY TIRE	**REV:**	12/3/09
ADDRESS:	UNKNOWN	**ID1:**	880180
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO FURTHER ACTION PLANNED
PROJECT STATUS: SITE CLOSED
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE:
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER:
OWNER ADDRESS:

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 27 **DIST/DIR:** 0.93 SW **ELEVATION:** 327 **MAP ID:** 47

NAME:	KENNEDY DRIVE MOBIL	**REV:**	12/3/09
ADDRESS:	110 KENNEDY DR	**ID1:**	20033099
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: LOW LEVEL GROUNDWATER CONTAMINATION IDENTIFIED DURING PROPERTY DIVESTMENT. QUARTERLY MONITORING OF FIVE MWS FOR ONE YEAR BEFORE ADDITIONAL RECOMMENDATIONS. GWESS MET ON ENTIRE SITE. MWS CLOSED.
DATE OF SITE DISCOVERY: 4/28/2003 0:00:00
DATE OF SITE CLOSURE: 7/22/2009 0:00:00
SOURCE: 6900 UST-GASOLINE, 6900

OWNER INFORMATION:

OWNER: EXXONMOBIL OIL CORP
OWNER ADDRESS: 52 BEACHAM STREET
EVERETT MA 02149

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 21 **DIST/DIR:** 0.96 SW **ELEVATION:** 326 **MAP ID:** 48

NAME:	FORMER GOODRICH BUILDING	**REV:**	7/8/11
ADDRESS:	625 HINESBURG RD	**ID1:**	20114149
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	ACTIVE
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: THREATENED SENSITIVE RECEPTOR (30 >= VT SITE PRIORITY SCORE <= 60)
PROJECT STATUS: HIENDEL AND NOYES NOTIFIED THE SMS AFTER REPORTABLE LEVELS OF CONTAMINATION (TCE) WAS DISCOVERED IN THE FLOOR DRAINS OF THE GARAGE BUILDING LOCATED ONSITE. A PHASE 1 HAS BEEN COMPLETED AS WELL AS A PHASE 2. NAPTHELENE WAS ALSO NOTED IN THE GROUNDWATER, LIKELY IN RELATION TO A FORMER GASOLINE UST. REQUESTING THAT CHLONATED BE DEALT WITH ACCORDINGLY AND MONITORING WELL ARRAY BE INSTALLED NEAR FORMER UST LOCATION.
DATE OF SITE DISCOVERY: 11/1/2010 0:00:00
DATE OF SITE CLOSURE:
SOURCE: 6900 FLOOR DRAIN/DRY WELL, 6900 UST-GASOLINE, 6900 ABOVE GROUND STORAGE TANK, 6900

OWNER INFORMATION:

OWNER: SCOTT RIELEY
OWNER ADDRESS: 1184 WILLISTON ROAD
SOUTH BURLINGTON VT 05401

Environmental FirstSearch
Site Detail Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 60 **DIST/DIR:** 0.96 SW **ELEVATION:** 312 **MAP ID:** 49

NAME:	UNIVERSITY INN	**REV:**	12/3/09
ADDRESS:	5 DORSET ST	**ID1:**	20002751
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: SITES MANAGEMENT ACTIVITY COMPLETED
PROJECT STATUS: 2 FUEL OIL USTS CLOSED IN PLACE. CONTAM FOUND. 6/00, 3/01 4 OF 5 MWS, 7/03 2 OF 5 MWS ABOVE VGES, 1 FP, 5/04 3 OF 5 ABOVE VGES.
DATE OF SITE DISCOVERY: 2/29/2000 0:00:00
DATE OF SITE CLOSURE: 1/27/2010 0:00:00
SOURCE: 6900 UST-HEATING OIL, 6900 UST-GASOLINE, 6900 FREE PRODUCT PRESENT, 6900

OWNER INFORMATION:

OWNER: UNIVERSITY INN
OWNER ADDRESS: P O BOX 993
SOUTH BURLINGTON VT 05402

Environmental FirstSearch
Site Detail Report

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

STATE

SEARCH ID: 11 **DIST/DIR:** 1.00 SE **ELEVATION:** 346 **MAP ID:** 50

NAME:	ACTION EQUIPMENT	**REV:**	12/3/09
ADDRESS:	UNKNOWN	**ID1:**	770161
	SOUTH BURLINGTON VT	**ID2:**	
	CHITTENDEN	**STATUS:**	CLOSED
CONTACT:		**PHONE:**	
SOURCE:	VT DEC		

6900
SITE INFORMATION

PRIORITY: NO FURTHER ACTION PLANNED
PROJECT STATUS: SITE INVESTIGATED, NO CONTAMINATION DETECTED, SITE CLOSED
DATE OF SITE DISCOVERY:
DATE OF SITE CLOSURE:
SOURCE: 6900

OWNER INFORMATION:

OWNER:
OWNER ADDRESS:

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money. A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.FINAL - Currently on the Final NPLPROPOSED - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. 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.DELISTED - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.PART OF NPL- Site is part of NPL siteDELETED - Deleted from the Final NPLFINAL - Currently on the Final NPLNOT PROPOSED - Not on the NPLNOT VALID - Not Valid Site or IncidentPROPOSED - Proposed for NPLREMOVED - Removed from Proposed NPLSCAN PLAN - Pre-proposal SiteWITHDRAWN - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). 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.NFRAP – No Further Remedial Action PlanP - Site is part of NPL siteD - Deleted from the Final NPLF - Currently on the Final NPLN - Not on the NPLO - Not Valid Site or IncidentP - Proposed for NPLR - Removed from Proposed NPLS - Pre-proposal SiteW – Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are

required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: EPA/MA DEP/CT DEP RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.Facilities that generate or transport hazardous waste or meet other RCRA requirements.LGN - Large Quantity GeneratorsSGN - Small Quantity GeneratorsVGN – Conditionally Exempt Generator.Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities. CONNECTICUT HAZARDOUS WASTE MANIFEST – Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records. MASSACHUSETTES HAZARDOUS WASTE GENERATOR – database of generators that are regulated under the MA DEP. VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

Fed Brownfield: EPA BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs./n CLEANUPS IN MY COMMUNITY (subset) - Sites, facilities and properties that have been contaminated by hazardous materials and are being, or have been, cleaned up under EPA's brownfield’s program.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.BUREAU OF INDIAN AFFIARS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: VT DEC ACTIVE AND CLOSED HAZARDOUS SITES LIST - database of active and closed hazardous waste sites. The data includes priority, project status, source, date of site discovery, date of site closure, and

owner information.

State Spills 90: VT DEC VERMONT SPILLS DATABASE - database of spills reported to the Vermont Department of Environmental Conservation. The data includes information regarding incident date, type of incident, reporter, responsible party, and action taken.

State/Tribal SWL: VT DEC SOLID WASTE MANAGEMENT FACILITIES LIST - database of both landfills and transfer stations for the state of Vermont. The list includes contact information for each site.

State/Tribal LUST: VT DEC PULLED UNDERGROUND STORAGE TANKS LIST - database of tanks that have been pulled/removed due to a leak. Under state law any tank that has reported a leak must be pulled/removed. The data includes owner and operator name, facility type, and tank information.

State/Tribal UST/AST: VT DEC REGISTERED UNDERGROUND STORAGE TANKS LIST - database of underground storage tanks registered with the Vermont Department of Environmental Conservation. The data includes facility type, owner contact information, and tank substance, protection, and capacity.

State/Tribal Brownfields: VT ANR BROWNFIELD SITE LIST SUBSET- database of sites that have been classified as Brownfields and have Institutional Controls. Information regarding size, response action, cleanup type, and project manager is included. Management System (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various brownfield grant programs.

State/Tribal Brownfields: VT ANR BROWNFIELD SITE LIST - database of sites that have been classified as Brownfields and/or have Institutional Controls. Information regarding size, response action, cleanup type, and project manager is included. Management System (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various brownfield grant programs.

Federal IC / EC: EPA FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either engineering or an institutional control. The data includes the control and the media contaminated. RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES (RCRA) – RCRA site that have institutional controls.

Environmental FirstSearch Database Sources

NPL: EPA Environmental Protection Agency

Updated quarterly

NPL DELISTED: EPA Environmental Protection Agency

Updated quarterly

CERCLIS: EPA Environmental Protection Agency

Updated quarterly

NFRAP: EPA Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: EPA Environmental Protection Agency.

Updated quarterly

RCRA TSD: EPA Environmental Protection Agency.

Updated quarterly

RCRA GEN: EPA/MA DEP/CT DEP Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

Fed Brownfield: EPA Environmental Protection Agency

Updated quarterly

ERNS: EPA/NRC Environmental Protection AgencyNational Response Center.

Updated annually

Tribal Lands: DOI/BIA United States Department of the InteriorBureau of Indian Affairs

Updated annually

State/Tribal Sites: VT DEC Vermont Department of Environmental Conservation

Updated quarterly

State Spills 90: VT DEC Vermont Department of Environmental Conservation

Updated quarterly

State/Tribal SWL: VT DEC Vermont Department of Environmental Conservation, Solid Waste Management Division

Updated annually

State/Tribal LUST: VT DEC Vermont Department of Environmental Conservation, Hazardous Materials Management Division

Updated quarterly

State/Tribal UST/AST: VT DEC Vermont Department of Environmental Conservation, Hazardous Materials Management Division

Updated quarterly

State/Tribal Brownfields: VT ANR Vermont Agency of Natural Resources, Waste Management Division of Brownfields Program

Updated quarterly

State/Tribal Brownfields: VT ANR Vermont Agency of Natural Resources, Waste Management Division of Brownfields Program

Updated quarterly

Federal IC / EC: EPA Environmental Protection Agency

Updated quarterly

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

JOB: 509110222

Street Name	Dist/Dir	Street Name	Dist/Dir
Airport Cir	0.01 SE		
Airport Dr	0.01 SE		
Airport Drive Ext	0.05 NE		
AIRPORT PKWY	0.00--		
Airport Rd	0.15 SE		
Airport Ter	0.12 NW		
Barber Ter	0.05 SW		
Berkeley St	0.18 NW		
Berkley St	0.18 NW		
Clover St	0.15 NW		
Delaware St	0.00--		
Dumont Ave	0.00--		
Duval St	0.07 NW		
Elizabeth St	0.00--		
Forest St	0.01 SE		
Hanover St	0.02 NW		
Helen Ave	0.19 SW		
Kirby Rd	0.1 NW		
Ledoux Ter	0.00--		
Logwood St	0.00--		
Lynn Ave	0.05 SW		
Maryland St	0.00--		
Mills Ave	0.07 SW		
Myers Ct	0.2 SW		
N Henry Ct	0.00--		
Patrick St	0.00--		
Peterson Ter	0.00--		
Picard Cir	0.04 NW		
Pine Tree Ter	0.23 SW		
Pinetree Ter	0.23 SW		
Pump Ln	0.00--		
Richard Ter	0.2 NW		
S Henry Ct	0.00--		
Suburban Sq	0.13 SW		
US Hwy 2	0.19 SW		
Victoria Dr	0.23 SW		
Victory Dr	0.18 SW		
White St	0.00--		
Williston Rd	0.19 SW		

HISTORICAL FIRE INSURANCE MAPS

NO MAPS AVAILABLE

09-20-11
509110222
200 AIRPORT PKWY
SOUTH BURLINGTON VT 05403

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there are NO MAPS AVAILABLE for the Subject Location as shown above.

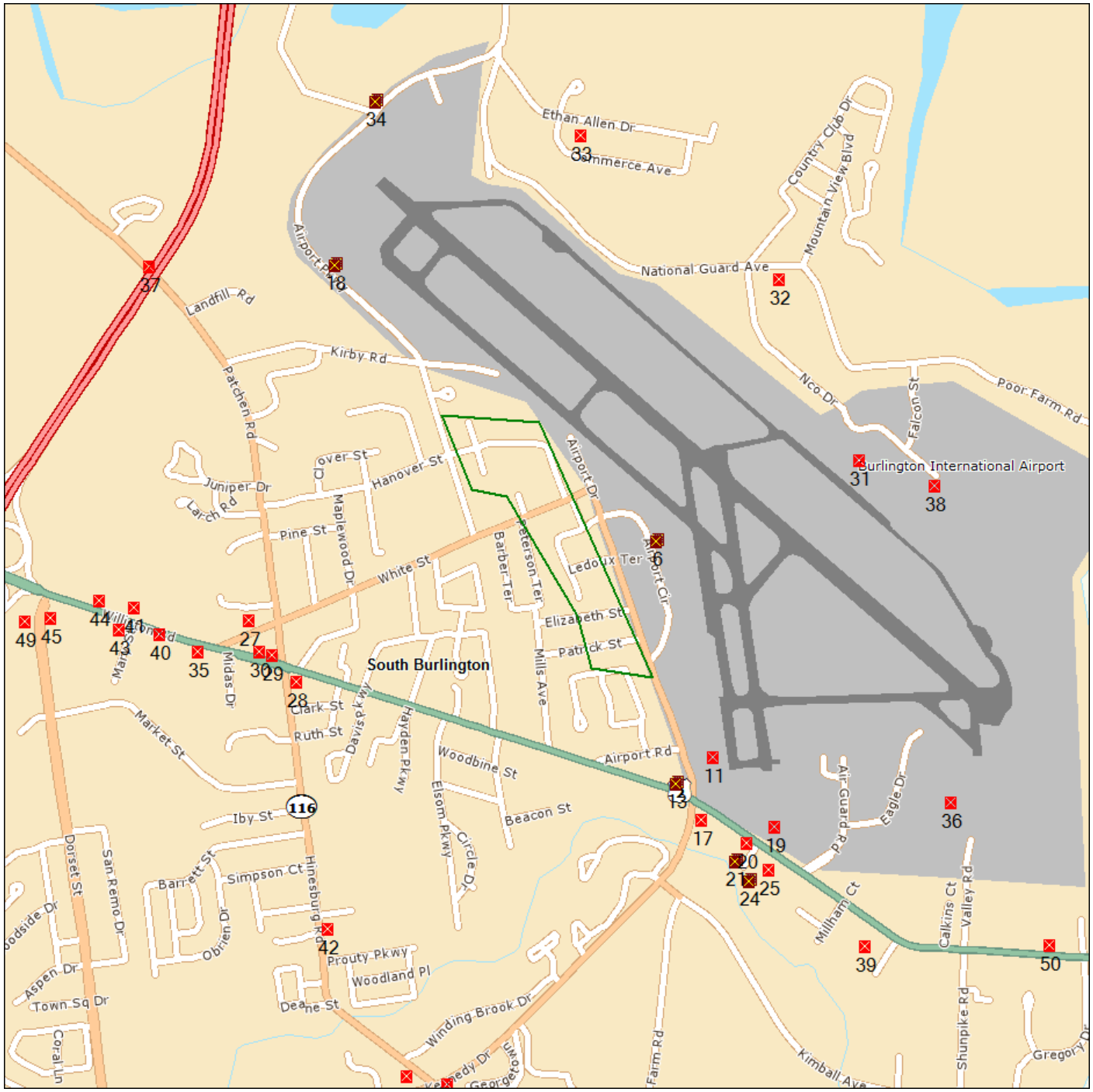
FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company obtained through online access to the U.S. Library of Congress via local libraries.

Environmental FirstSearch

1 Mile Radius from Area

ASTM Map: NPL, RCRACOR, STATE Sites

200 AIRPORT PKWY, SOUTH BURLINGTON VT 05403



Source: Tele Atlas

Area Polygon .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

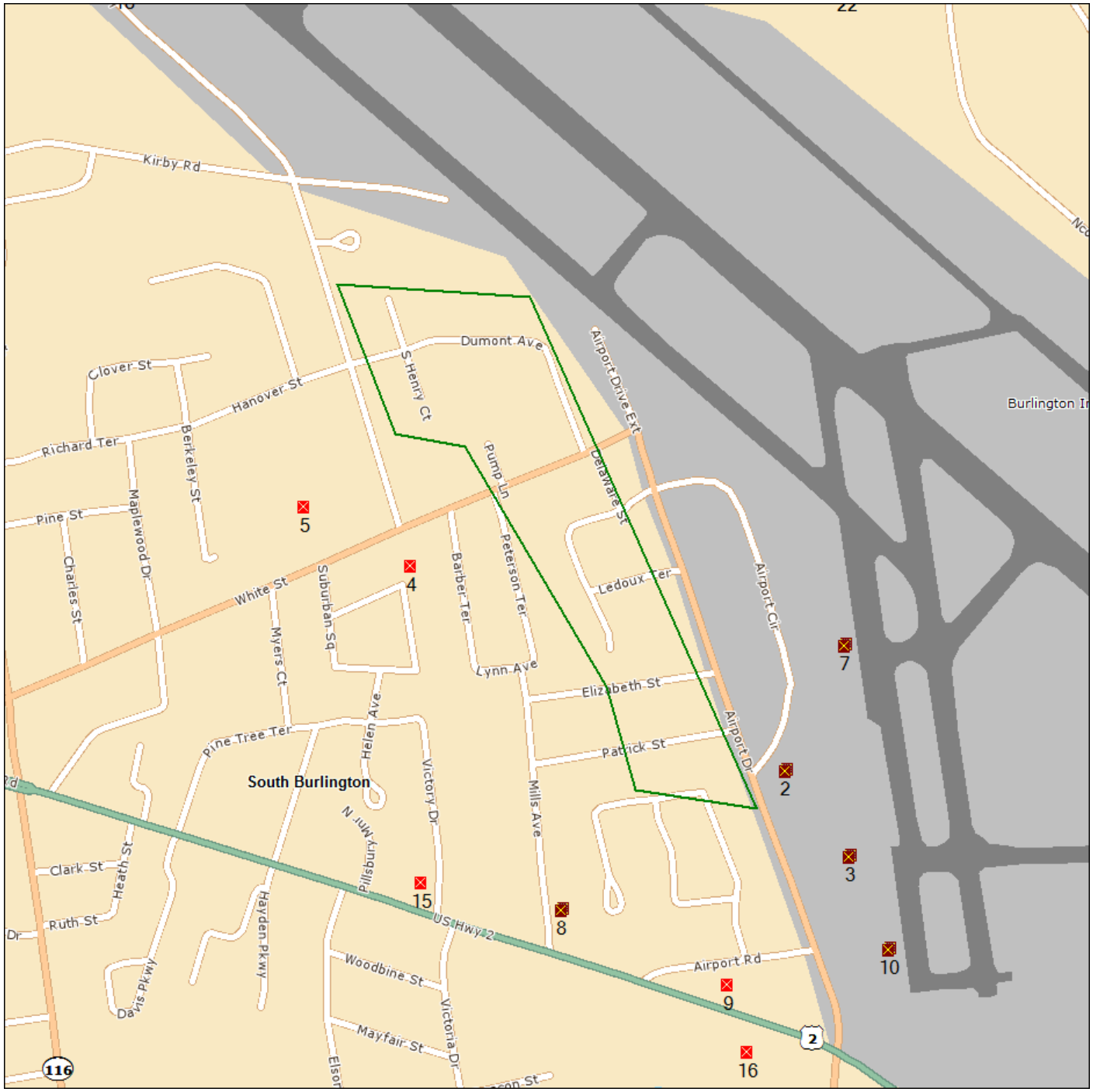
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.5 Mile Radius from Area

ASTM Map: CERCLIS, RCRATSD, LUST, SWL

200 AIRPORT PKWY, SOUTH BURLINGTON VT 05403



Source: Tele Atlas

Area Polygon .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius from Area

ASTM Map: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS

200 AIRPORT PKWY, SOUTH BURLINGTON VT 05403

Source: Tele Atlas

Area Polygon .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.12 Mile Radius from Area

Non-ASTM Map: Spills 90

200 AIRPORT PKWY, SOUTH BURLINGTON VT 05403

Source: Tele Atlas

Area Polygon .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

National Historic Sites and Landmark Sites .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

APPENDIX G

INTERVIEW DOCUMENTATION

QUESTIONNAIRE FOR INTERVIEW

Name of person being interviewed: Vzevad Kelestura (13 Dimond Avenue)

Title and address: Owner

In person or telephone: In person

Telephone Number:

Association with Property: Owner

Date of Interview: 9/26/11

Name of person conducting interview: Jeremy Roberts

"To the Best of your Knowledge"

1. Please provide a description of the property, its current use and past uses.

   Residential
   Lived here for > yrs.
   No other uses known

2. Has the property or an adjacent property ever been used for agriculture, mineral, commercial or industrial purposes? If yes, explain.

   Had 3'x6' garden in past
   No other uses

3. Are any past or present improvements such as old building foundations, evident on the property: if yes, explain: No

4. Have there been or are there any unnatural topographic features such as mounds, fill areas, depressions, etc.? If yes, explain.

   No

5. Has fill dirt ever been brought onto the property that originated from a contaminated site or that was of an unknown origin? If yes, explain.

   No

6. Have any of the following been dumped above grade, or buried and/or burned on the property: hazardous substances or petroleum products (except when burned for

heating), tires, automotive or industrial batteries, vehicles, barrels, pesticide containers or other waste materials? If yes, explain.

No

7. Has there been any past, present or permitted or planned mining activity or oil and gas exploration or development on the property? If yes, explain.

No

8. Are there or have there ever been pipelines or utility lines, either buried or overhead, crossing the property and have there been spills or releases associated with them? If yes, explain.

No

9. Are PCBs present or have PCBs ever been present in transformers, capacitors, or hydraulic equipment on the property and have there been any releases? If yes, explain.

No

10. Is there or has there been any storage, mixing or disposal of pesticides on the property? Note: disposal means other than normal intended use of the product. If yes, explain.

No

11. Have any monitoring wells been installed in the property? If yes, explain any the purpose of the wells and provide any analytical results.

No

12. If the property is served by a private well have contaminants ever been identified in the well that exceeded acceptable levels? If yes, explain.

No

13. If surface water is present, are there or have there been any unnatural characteristics such as color, sheens, odors, etc.? If yes, explain.

No

14. Are there or have there been pits, ponds or lagoons associated with waste treatment or waste disposal on the property? If yes, explain.

No

15. Has the property discharged waste water (not including stormwater runoff) on or adjacent to the property? If yes, explain.

No

16. Is there or has there been stressed or dead vegetation present? If yes, explain.

No

17. Are floor drains present? If yes, explain and indicate whether the drains are connected to municipal sewer or whether they discharge on site.

No

18. Are there or have there been any floors, drains or walls stained by substances other than water or which are emitting foul and/or unnatural odors? If yes, explain.

No

19. Have radon, asbestos containing materials or lead based paint ever been identified in any on site structures? If yes, explain.

No

20. Are there or were there ever above ground or underground storage tanks on the property? If yes, explain.

Never noticed any

21. Have hazardous substances been stored on the property? If yes, explain.

No

22. Have there been any industrial drums, sacks or chemicals located or dumped on the property? If yes, explain.

No

23. Have there been any environmental permits or licenses associated with the property? If yes, explain.

No

24. Have there been any compliance / enforcement notices or environmental liens relating to past or recurrent violations of environmental laws with respect to the property or any facility on the property? If yes, explain.

No

25. Has an environmental site assessment of the property indicated the presence of hazardous substances, petroleum products or other potential environmental problems on the property, or recommended further assessments? If yes, explain.

No

26. Are you aware of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products on the property? If yes, explain.

No

27. Have there been spills of hazardous substances or petroleum products on the property? If yes, explain and indicate whether these spills were reported to regulatory authorities.

No

28. Are material safety data sheets available for the facility? If yes, attempt to view.

No

29. If a purchase, does the purchase price reasonably reflect fair market value? If not, has the price been discounted due to real or perceived contamination?

Yes

30. If not mentioned above, is there anything else that could indicate the presence of hazardous substance and petroleum products which may impact the property? If yes, explain.

No

QUESTIONNAIRE FOR INTERVIEW

Name of person being interviewed: Ms. Rachel Methot (57 Dumont Ave)

Title and address: Owner

In person or telephone: In person

Telephone Number:

Association with Property: Owner

Date of Interview: 9/23/11

Name of person conducting interview: Aaron Roth

"To the Best of your Knowledge"

1. Please provide a description of the property, its current use and past uses.

   Residential
   No other use

2. Has the property or an adjacent property ever been used for agriculture, mineral, commercial or industrial purposes? If yes, explain.

   No

3. Are any past or present improvements such as old building foundations, evident on the property: if yes, explain:

   No

4. Have there been or are there any unnatural topographic features such as mounds, fill areas, depressions, etc.? If yes, explain.

   No

5. Has fill dirt ever been brought onto the property that originated from a contaminated site or that was of an unknown origin? If yes, explain.

   No

6. Have any of the following been dumped above grade, or buried and/or burned on the property: hazardous substances or petroleum products (except when burned for

   No

heating), tires, automotive or industrial batteries, vehicles, barrels, pesticide containers or other waste materials? If yes, explain.

No

7. Has there been any past, present or permitted or planned mining activity or oil and gas exploration or development on the property? If yes, explain.

No

8. Are there or have there ever been pipelines or utility lines, either buried or overhead, crossing the property and have there been spills or releases associated with them? If yes, explain.

No

9. Are PCBs present or have PCBs ever been present in transformers, capacitors, or hydraulic equipment on the property and have there been any releases? If yes, explain.

No

10. Is there or has there been any storage, mixing or disposal of pesticides on the property? Note: disposal means other than normal intended use of the product. If yes, explain.

No

11. Have any monitoring wells been installed in the property? If yes, explain any the purpose of the wells and provide any analytical results.

No

12. If the property is served by a private well have contaminants ever been identified in the well that exceeded acceptable levels? If yes, explain.

No

13. If surface water is present, are there or have there been any unnatural characteristics such as color, sheens, odors, etc.? If yes, explain.

No

14. Are there or have there been pits, ponds or lagoons associated with waste treatment or waste disposal on the property? If yes, explain.

No

15. Has the property discharged waste water (not including stormwater runoff) on or adjacent to the property? If yes, explain.

No

16. Is there or has there been stressed or dead vegetation present? If yes, explain.

No

17. Are floor drains present? If yes, explain and indicate whether the drains are connected to municipal sewer or whether they discharge on site.

No

18. Are there or have there been any floors, drains or walls stained by substances other than water or which are emitting foul and/or unnatural odors? If yes, explain.

No

19. Have radon, asbestos containing materials or lead based paint ever been identified in any on site structures? If yes, explain.

No

20. Are there or were there ever above ground or underground storage tanks on the property? If yes, explain.

Previously an AST - removed ~5yrs ago

21. Have hazardous substances been stored on the property? If yes, explain.

No

22. Have there been any industrial drums, sacks or chemicals located or dumped on the property? If yes, explain.

No

23. Have there been any environmental permits or licenses associated with the property? If yes, explain.

No

24. Have there been any compliance / enforcement notices or environmental liens relating to past or recurrent violations of environmental laws with respect to the property or any facility on the property? If yes, explain.

No

25. Has an environmental site assessment of the property indicated the presence of hazardous substances, petroleum products or other potential environmental problems on the property, or recommended further assessments? If yes, explain.

No

26. Are you aware of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products on the property? If yes, explain.

No

27. Have there been spills of hazardous substances or petroleum products on the property? If yes, explain and indicate whether these spills were reported to regulatory authorities.

No

28. Are material safety data sheets available for the facility? If yes, attempt to view.

No

29. If a purchase, does the purchase price reasonably reflect fair market value? If not, has the price been discounted due to real or perceived contamination?

Yes

30. If not mentioned above, is there anything else that could indicate the presence of hazardous substance and petroleum products which may impact the property? If yes, explain.

No

QUESTIONNAIRE FOR INTERVIEW

Name of person being interviewed: Ms. Sandra Pierce (72 Dumont Avenue)

Title and address: Owner

In person or telephone: In person

Telephone Number:

Association with Property: Owner

Date of Interview: 9/23/11

Name of person conducting interview: Aaron Roth

"To the Best of your Knowledge"

1. Please provide a description of the property, its current use and past uses.

   Residential - lived in house for ~45 yrs

2. Has the property or an adjacent property ever been used for agriculture, mineral, commercial or industrial purposes? If yes, explain.

   No

3. Are any past or present improvements such as old building foundations, evident on the property: if yes, explain:

   No

4. Have there been or are there any unnatural topographic features such as mounds, fill areas, depressions, etc.? If yes, explain.

   No

5. Has fill dirt ever been brought onto the property that originated from a contaminated site or that was of an unknown origin? If yes, explain.

   No

6. Have any of the following been dumped above grade, or buried and/or burned on the property: hazardous substances or petroleum products (except when burned for

   No

heating), tires, automotive or industrial batteries, vehicles, barrels, pesticide containers or other waste materials? If yes, explain.

No

7. Has there been any past, present or permitted or planned mining activity or oil and gas exploration or development on the property? If yes, explain.

No

8. Are there or have there ever been pipelines or utility lines, either buried or overhead, crossing the property and have there been spills or releases associated with them? If yes, explain.

No

9. Are PCBs present or have PCBs ever been present in transformers, capacitors, or hydraulic equipment on the property and have there been any releases? If yes, explain.

No

10. Is there or has there been any storage, mixing or disposal of pesticides on the property? Note: disposal means other than normal intended use of the product. If yes, explain.

No

11. Have any monitoring wells been installed in the property? If yes, explain any the purpose of the wells and provide any analytical results.

No

12. If the property is served by a private well have contaminants ever been identified in the well that exceeded acceptable levels? If yes, explain.

No

13. If surface water is present, are there or have there been any unnatural characteristics such as color, sheens, odors, etc.? If yes, explain.

No

14. Are there or have there been pits, ponds or lagoons associated with waste treatment or waste disposal on the property? If yes, explain.

No

15. Has the property discharged waste water (not including stormwater runoff) on or adjacent to the property? If yes, explain.

No

16. Is there or has there been stressed or dead vegetation present? If yes, explain.

No

17. Are floor drains present? If yes, explain and indicate whether the drains are connected to municipal sewer or whether they discharge on site.

No

18. Are there or have there been any floors, drains or walls stained by substances other than water or which are emitting foul and/or unnatural odors? If yes, explain.

No

19. Have radon, asbestos containing materials or lead based paint ever been identified in any on site structures? If yes, explain.

No

20. Are there or were there ever above ground or underground storage tanks on the property? If yes, explain.

Yes, currently 275-gallon heating oil AST in use

21. Have hazardous substances been stored on the property? If yes, explain.

No

22. Have there been any industrial drums, sacks or chemicals located or dumped on the property? If yes, explain.

No

23. Have there been any environmental permits or licenses associated with the property? If yes, explain.

No

24. Have there been any compliance / enforcement notices or environmental liens relating to past or recurrent violations of environmental laws with respect to the property or any facility on the property? If yes, explain.

No

25. Has an environmental site assessment of the property indicated the presence of hazardous substances, petroleum products or other potential environmental problems on the property, or recommended further assessments? If yes, explain.

No

26. Are you aware of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products on the property? If yes, explain.

No

27. Have there been spills of hazardous substances or petroleum products on the property? If yes, explain and indicate whether these spills were reported to regulatory authorities.

No

28. Are material safety data sheets available for the facility? If yes, attempt to view.

No

29. If a purchase, does the purchase price reasonably reflect fair market value? If not, has the price been discounted due to real or perceived contamination?

Yes

30. If not mentioned above, is there anything else that could indicate the presence of hazardous substance and petroleum products which may impact the property? If yes, explain.

No

QUESTIONNAIRE FOR INTERVIEW

Name of person being interviewed: Mr. Urban Saltus (2 Patrick St.)

Title and address: Owner

In person or telephone: In person

Telephone Number:

Association with Property: Owner

Date of Interview: 9/23/11

Name of person conducting interview: Aaron Roth

"To the Best of your Knowledge"

1. Please provide a description of the property, its current use and past uses.

   Residential - occupied for 15+ years

2. Has the property or an adjacent property ever been used for agriculture, mineral, commercial or industrial purposes? If yes, explain.

   No

3. Are any past or present improvements such as old building foundations, evident on the property: if yes, explain:

   No

4. Have there been or are there any unnatural topographic features such as mounds, fill areas, depressions, etc.? If yes, explain.

   No

5. Has fill dirt ever been brought onto the property that originated from a contaminated site or that was of an unknown origin? If yes, explain.

   No

6. Have any of the following been dumped above grade, or buried and/or burned on the property: hazardous substances or petroleum products (except when burned for

   No

heating), tires, automotive or industrial batteries, vehicles, barrels, pesticide containers or other waste materials? If yes, explain.

No

7. Has there been any past, present or permitted or planned mining activity or oil and gas exploration or development on the property? If yes, explain.

No

8. Are there or have there ever been pipelines or utility lines, either buried or overhead, crossing the property and have there been spills or releases associated with them? If yes, explain.

No

9. Are PCBs present or have PCBs ever been present in transformers, capacitors, or hydraulic equipment on the property and have there been any releases? If yes, explain.

No

10. Is there or has there been any storage, mixing or disposal of pesticides on the property? Note: disposal means other than normal intended use of the product. If yes, explain.

No

11. Have any monitoring wells been installed in the property? If yes, explain any the purpose of the wells and provide any analytical results.

No

12. If the property is served by a private well have contaminants ever been identified in the well that exceeded acceptable levels? If yes, explain.

No

13. If surface water is present, are there or have there been any unnatural characteristics such as color, sheens, odors, etc.? If yes, explain.

No

14. Are there or have there been pits, ponds or lagoons associated with waste treatment or waste disposal on the property? If yes, explain.

No

15. Has the property discharged waste water (not including stormwater runoff) on or adjacent to the property? If yes, explain.

No

16. Is there or has there been stressed or dead vegetation present? If yes, explain.

No

17. Are floor drains present? If yes, explain and indicate whether the drains are connected to municipal sewer or whether they discharge on site.

No

18. Are there or have there been any floors, drains or walls stained by substances other than water or which are emitting foul and/or unnatural odors? If yes, explain.

No

19. Have radon, asbestos containing materials or lead based paint ever been identified in any on site structures? If yes, explain.

No

20. Are there or were there ever above ground or underground storage tanks on the property? If yes, explain.

No

21. Have hazardous substances been stored on the property? If yes, explain.

No

22. Have there been any industrial drums, sacks or chemicals located or dumped on the property? If yes, explain.

No

23. Have there been any environmental permits or licenses associated with the property? If yes, explain.

No

24. Have there been any compliance / enforcement notices or environmental liens relating to past or recurrent violations of environmental laws with respect to the property or any facility on the property? If yes, explain.

No

25. Has an environmental site assessment of the property indicated the presence of hazardous substances, petroleum products or other potential environmental problems on the property, or recommended further assessments? If yes, explain.

No

26. Are you aware of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products on the property? If yes, explain.

No

27. Have there been spills of hazardous substances or petroleum products on the property? If yes, explain and indicate whether these spills were reported to regulatory authorities.

No

28. Are material safety data sheets available for the facility? If yes, attempt to view.

No

29. If a purchase, does the purchase price reasonably reflect fair market value? If not, has the price been discounted due to real or perceived contamination?

Yes

30. If not mentioned above, is there anything else that could indicate the presence of hazardous substance and petroleum products which may impact the property? If yes, explain.

No

Interview Questionnaire – Phase I ESA User
Phase I Environmental Site Assessment

Date: _____

Site Name: Airport Land Acquisition Program – All Residential Properties
Location:
Multiple

Person Interviewed: Heather Kendrew

Title/ Affiliation: Director of Maintenance, Engineering & Env.

Relationship to Subject Property: Owner Representative

Address: 1200 Airport Drive
South Burlington, VT 05403

Telephone: 802-863-2874

Signed: _____

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

No for all properties

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

No for all properties

(3.) *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?*

No for all properties, these were long term residential single/multi family homes

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

Yes, all properties were bought at fair market value based on appraisal, and a second review appraisal as required by the FAA for their federal land acquisition program

(5.) *(a.) Do you know the past uses of the property?*

Residential use for all properties, primarily single family dwellings, some duplex units.

(5.) *(b.) Do you know of specific chemicals that are present or once were present at the property?*

We have no knowledge of chemicals present currently or historically on the properties.

(5.) *(c.) Do you know of spills or other chemical releases that have taken place at the property?*

We have no knowledge or records of chemical releases on the properties

(5.) *(d.) Do you know of any environmental cleanups that have taken place at the property?*

We have no knowledge or records of environmental cleanups on the properties

(6.) *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?*

There are no obvious indicators of contamination on the properties. No issues were noted during the appraisal process or subsequent inspection process as part of airport final acceptance of properties.

APPENDIX H

SITE RECONAISSANCE CHECKLIST

Site Reconnaissance Checklist
Phase I Environmental Site Assessment

KAS Project No.: 509110230

Date: September 23 and 26, 2011 and October 11, 2011

Site Name: 9 Residential Properties, Miscellaneous Property Group

Location: South Burlington, VT

Inspector: Aaron Roth (Jeremy Roberts – 1171 and 1111 Airport Drive)

Signed: _____

Weather: 60-70 degrees, sunny

Accompanied By: Kurt Miller

Title, or Relationship to the Property: Burlington International Airport Representative

Telephone: 802-233-4869

Section 1. General Site Setting (ASTM E-1527-05 Section 9.4.1)

A. *Current uses of the property (Section 9.4.1.1):* Describe current property uses with emphasis on those likely to involve use, treatment, storage, disposal and/or generation of hazardous substances and/or petroleum products. Generate site sketch map (or obtain existing site plans). Include an estimate of the subject property boundaries. Include detail sketches if appropriate. Describe structures and other improvements on the property.

- The subject properties are residential in nature with no obvious use of hazardous substances or petroleum products other than ~275-gallon heating oil ASTs at 1131, 1171 and 1257 Airport Drive.
- The residences are located on typical suburban residential lots.
- The residences are generally wood frame structure with concrete poured basements.
- Sheds were observed on several of the properties.

B. *Past uses of the property (Section 9.4.1.2):* To the extent visually evident, describe past property uses with emphasis on those likely to involve use, treatment, storage, disposal and/or generation of hazardous substances and/or petroleum products.

- The subject properties appear to have been used for residential purposes for some time. No other evidence of other uses or the use of hazardous substances or petroleum products (other than heating oil) was observed.

C. *Current and past uses of adjoining properties (Section 9.4.1.3 and 9.4.1.4.):* To the extent visually identifiable from the subject property, list current uses of adjoining properties with emphasis on those likely to indicate recognized environmental conditions on the subject property. If past uses of adjoining properties with such potential are evident list these also.

- The adjoining properties wee all residential with the exception of the Aviation Deli located adjoining 1205 Airport Drive to the north and the Burlington International Airport to the east of the subject properties.
- None of the adjoining properties appeared to pose a tangible environmental concern to subject properties.

D. *Current or past uses in the surrounding area (Section 9.4.1.5):* To the extent visually identifiable from the subject property and public thoroughfares in the vicinity, describe general area development with potential to indicate recognized environmental conditions with the subject property.

- The surrounding area consists of suburban development (residential).
- The major thoroughfare in the area is Airport Drive.
- To the east of the suburban development is the airport and to the north and south is commercial development.
- Nothing in the immediately proximity of subject properties appears to represent a tangible environmental concern or REC.

E. *Geologic, Hydrogeologic, Hydrologic and Topographic Conditions (Section 9.4.1.6):* Describe the overall property setting. Describe natural bodies of water (including springs and seeps) and possible wetlands on subject property and indicate location(s) on site sketch map. Note presence of exposed bedrock on property grounds and indicate general location(s) on site sketch map.

- Subject properties are generally flat.
- No bodies of water or wetland areas were noted.
- No exposed bedrock was noted.

F. *General Description of Structures (Section 9.4.1.7):* Describe structures or other improvements on the property including number and size of buildings, footprints, number of stories each, approximate age of buildings, occupancy status, pavement, fences, foundations/ruins, utilities, product pipelines, and ancillary structures such as railroad spurs and power transmission lines.

- residences are wood frame structures;
- residences generally contain 2 to 4 bedrooms;
- properties are a mix of single and two-story structures;
- residences have concrete basements;
- residences appear to be approximately 50 years old;
- residences were unoccupied with the exception of 1111, 1171 and 1205 Airport Drive;
- residences on public waster and sewer;
- natural gas provide to all residences;
- overhead electricity and telephone;
- several wood or metal frame sheds; and,
- Several of the properties have garages (attached or detached).

G. *Roads (Section 9.4.1.8):* List public thoroughfares, roads, streets and parking facilities adjoining / on the subject property.

- The subject properties are abutted by Airport Drive to the east

H *Potable Water Supply (Section 9.4.1.9):* Identify potable water supply source(s) for the subject property as apparent from visual inspection.

- Municipal water based on visual inspection.

I. *Sewage Disposal System (Section 9.4.1.10):* Identify current sewage disposal system as apparent from visual inspection.

- Municipal sewer based on visual inspection.

Section 2. Interior and Exterior Observations (ASTM E-1527-05 Section 9.4.2)

A. *Current and Past Property Use (Sections 9.4.2.1 and 9.4.2.2):* If building structures are identified on the subject property, visually inspect accessible common areas (lobbies, hallways), maintenance and repair areas (boiler rooms) and a representative sample of occupant spaces. Identify below which interior spaces were inspected and describe. Also note which interior spaces were not inspected.

- All interior and exterior spaces were inspected.

B. *Hazardous Substances and Petroleum Products (Sections 9.4.2.3, 9.4.2.8 and 9.4.2.9):* List apparent hazardous substances, petroleum products, pollutants, contaminants and raw materials observed on the subject property. Include type, container size and quantity, locations and whether stored appropriately. Note presence or absence of labeling, content according to labels, drum condition. Are adverse environmental conditions observed? Obtain/ review Material Safety Data Sheets if possible.

- 1131, 1171 and 1257 Airport Drive had approximately 275-gallon heating oil ASTs. The ASTs were in good shape and contained less than 1/8 tank of fuel.
- The garage associated with 1103 Airport Drive had an industrial sized space heater that was connected to a 5-gallon container of fuel oil or diesel. The container was in good condition and no staining was observed.
- Household cleaning supplies in retail sizes were present in the occupied residences.

C. *Storage Tanks (Section 9.4.2.4):* Identify ASTs and USTs on the subject property. Note pumps, fill pipes, vents, access ways, concrete pads, saw cuts in paved areas, etc. Determine location, size and construction material to the extent visually identifiable, apparent contents, spill/ release protection, containment measures, status (active or inactive). Note upgrades such as corrosion protection, spill and overfill protection, secondary containment systems, etc. Note visual evidence of whether tank(s) have been taken out of operation, removed, closed in place, or otherwise closed.

- ~275-gallon heating oil ASTs at 1131, 1171 and 1257 Airport Drive. There were no longer in use and were nearly empty with the exception of 1171 Airport Drive, which was nearly half full. The ASTs were in good condition with only minor (de minimis) staining underneath the ASTs.

D. *Odors (Section 9.4.2.5):* Note strong, pungent, or noxious odors and attempt to identify source.

- No strong or pungent or noxious odors with the exception of mildew/mold smells were noted. The mold/mildew odor was strongest in the basement of 1103 Airport Drive and back apartment in 1107 Airport Drive.

E. *Pools of Liquid (Section 9.4.2.6):* Note standing surface water, and pools or sumps containing liquids likely to be hazardous substances or petroleum products, to the extent visually identifiable.

- No pools of liquid were noted.

F. *Drums (Section 9.4.2.7):* Identify drums potentially containing hazardous substances, petroleum products, pollutants, or contaminants. Identify storage methods including whether release protection measures are in place. Are adverse environmental conditions such as leakage, weeping or overfilling observed? If drums are identified, indicate whether they are labeled and identify drum contents according to labeling.

- No drums were observed.

G. *PCBs (Section 9.4.2.10):* List suspect sources of polychlorinated biphenyls (PCBs) such as electrical or other equipment with potential to contain PCBs (transformers, circuit breakers, capacitors, hydraulic fluids, pesticide extenders, lubricants, cutting oils, vacuum pumps, heat transfer systems, plasticizer applications). Fluorescent light ballasts need not be noted. Note with respect to each whether known to contain PCBs (as indicated by labeling), name of utility company (if applicable) and serial numbers, other marks, manufacturer, and model number; evidence of spill or release. Indicate location(s) on site sketch map.

- Pole-mounted transformers on utility poles adjoining various properties. The transformers appeared to be in good condition with no significant leakage or staining.
- No other hydraulically driven equipment was observed.

Section 3. Interior Observations (ASTM E-1527-05 Section 9.4.3)

A. *Heating/Cooling (Section 9.4.3.1):* Identify current fuel source(s) for heating and cooling. If possible to identify past fuel sources for heating and cooling, list these also.

- Natural gas HVAC units in the residences.
- Limited electric baseboard heaters were used for heating of isolated rooms.

B. *Stains/Corrosion (Section 9.4.3.2):* Identify stains or corrosion of floors, walls, or ceilings except for staining from water.

o Minor (de minimis) staining was observed underneath the ASTs.

C. *Drains and Sumps (Section 9.4.3.3):* Identify floor drains, other drains, ditches, and sumps on the subject property. Note the presence or absence of wastewater or other liquid discharge, and sediments, in or into these structures. Describe whether flowing or pooled, sheens, color, odor Note processes active in their vicinity and whether drains are sealed or operational. Can discharge pipes be seen and if so, note the direction they exit the floor drain. Do drains daylight on the property?

- o No floor drains or sumps

Section 4. Exterior Observations (ASTM E-1527-05 Section 9.4.4)

A. *Pits, Ponds and Lagoons (Section 9.4.4.1):* Note pits, pools, ponds, lagoons, sumps, or catch basins and indicate location on site sketch map and indicate whether they appear to have been used in connection with waste disposal or treatment.

- None noted

B. *Stained soil or pavement (Section 9.4.4.2):* Note stained soil or pavement.

- None noted

C. *Stressed Vegetation (section 9.4.4.3):* Note areas of stressed vegetation from cause other than lack of water and indicate location on site sketch map.

- None noted

D. *Solid Waste (Section 9.4.4.4):* Note landfills for solid waste or hazardous waste and whether active or abandoned. Note presence of trash and/or construction debris. Note areas that are apparently filled or graded by non-natural causes or filled with material of unknown origin, mounds, or depressions suggesting solid waste disposal.

- Domestic waste at occupied residences in garbage cans.
- No other evidence of dumping.

D. *Waste Water (Section 9.4.4.5):* Describe wastewater or other liquid (including storm water) discharge into drain, ditch, or stream on or adjacent to the subject property. Note the condition of wastewater or liquid discharge (e.g., water flowing or pooled, sheens on the liquid surface, color, odor)

- None noted

E. *Wells (Section 9.4.4.6):* Note active or inactive wells on the subject property (including oil or gas wells, injection wells, irrigation wells, groundwater monitoring wells, dry wells, abandoned wells, or other wells) and indicate location on site sketch map.

- None noted

F. *Septic Systems (Section 9.4.4.7):* Indicate whether evidence exists of on site septic systems and/or cesspools, to the extent visually identifiable.

- None noted

G. *Limitations (Section 9.2.4):* Identify condition(s) which prevented thorough inspection of building interiors and/or property grounds (snow cover, denied access, safety or structural issues).

- None

H. *Additional Site Reconnaissance Observations:* This section is used to describe other contract specific requests not addressed above, whether ASTM or non-ASTM criteria are used to evaluate the specific feature (Attach additional pages as needed.)

- All properties were noted to be of an age where asbestos containing materials and/or lead based paint may be present.

APPENDIX I

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

KAS, INC.
PROFESSIONAL PROFILE

AARON ROTH

TITLE	**Branch Supervisor, Plattsburgh**
EXPERTISE	Environmental project management, property due diligence assessments, asbestos consulting, contaminated site investigation and clean up.
EXPERIENCE	**KAS, Inc., Williston, Vermont. December 2009 – Present.** Branch Supervisor of KAS's Plattsburgh, New York office. Project management of Phase I Environmental Site Assessments, site investigation and remediation, and asbestos consulting. Business development activities and personnel supervision. **Talus Environmental Consulting, LLC, Lakewood, Colorado 2006-2009.** Conducted and managed Phase I Environmental Site Assessments, asbestos consulting, contaminated site investigations, Superfund Site operations, remedial systems installation, operations and maintenance, senior document review, supervision, client interaction. **ATC Associates, Inc., Centennial, Colorado 2003-2006.** Conducted Phase I and Phase II Environmental Site Assessments, asbestos consulting, contaminated sites management, field work design, senior report review, RCRA facility investigations. **Freudenthal and Elkowitz Consulting Group, Inc., Commack, New York, 2001-2003.** Conducted Environmental Impact Statements, NEPA screening reports, Phase I and Phase II Environmental Site Assessments, report preparation, field work.
ACADEMIC BACKGROUND	B.A., SUNY Plattsburgh, Environmental Planning and Resource Management
PROFESSIONAL QUALIFICATIONS	ASTM/EPA Environmental Professional State of Colorado Listed Consultant #6161 Mold Inspection and Assessment Condition Training New York State and Vermont Certified Asbestos Inspector and Management Planner
OTHER	OSHA 1910.120 Hazardous Waste Site Worker

KAS, INC.
PROFESSIONAL PROFILE

JEREMY P. ROBERTS

TITLE **Manager of State Regulated Programs, Soil Scientist**

EXPERTISE Environmental project management. Collection of environmental samples and operation and maintenance of hazardous waste treatment systems. Project management, geological investigations, hazardous waste site assessments, water system monitoring and maintenance, groundwater and soil contamination, remedial system design, installation, and operation. Wetland delineation. Phase I and Phase II Environmental Site Assessments.

EXPERIENCE **KAS, Inc., Williston, VT October 2004 – Present.** Project management. Technical report writing. Geological investigations. Hazardous waste site assessments. Phase I and Phase II environmental site assessments. Collection of groundwater, surface water, and soil samples, soil screening, and soil vapor extraction system monitoring and maintenance

Griffin International, Inc., Williston, VT January 2002 – October 2004. Project management. Technical report writing. Geological investigations. Hazardous waste site assessments. Phase I and Phase II environmental site assessments. Collection of groundwater, surface water, and soil samples, soil screening, and soil vapor extraction system monitoring and maintenance.

ACADEMIC BACKGROUND BS, Plant and Soil Science, University of Vermont. May 1999.

PROFESSIONAL QUALIFICATIONS
40 Hour OSHA 29CFR1910.120 Hazardous Worker Training
40 Hour Certification in Federal Wetland Delineation, Identification, and Classification.
Vermont Certified Asbestos Site Inspector
ASTM/EPA Environmental Professional

KAS, INC.
PROFESSIONAL PROFILE

ALAN R. LIPTAK, PG, CPG

TITLE **Vice-President/Principal**

EXPERTISE Environmental project management, solid waste site design, operations, permitting, closure and post closure; contaminated site investigation and clean up, state and local permitting, innovative test methods.

EXPERIENCE **KAS, Inc., Williston, Vermont. September 2004 – Present.**

Management of KAS' environmental projects/ programs, including environmental site assessments, UST removals, site investigations, and environmental clean up activities. Foster technical innovation, quality control and assurance on projects and written materials. Business development activities for environmental programs. Project Management.

Griffin International, Inc., Williston, Vermont May 1999 – September 2004.

Environmental Programs Manager June 2001-September 2004; Senior Staff Geologist May 1999 –June 2001. Management and supervision of Griffin's environmental programs. Supervised professional staff of scientists and engineers. Business development activities for environmental programs. Management of individual projects.

The Johnson Company, Inc., Montpelier, Vermont October 1990 – May 1999.

Senior Scientist. Management of hazardous and solid waste projects and business development. Assisted with company administration including insurance and retirement planning.

State of Vermont Department of Environmental Conservation, Waterbury, Vermont October 1984 – October 1990.

Progressively responsible positions included assistant regional wastewater engineer, solid waste engineer and supervisor of engineering and technical assistance for the Solid Waste Division.

ACADEMIC BACKGROUND
MBA, Norwich University, June 2005
M.S. Geology, Chemistry Minor, University of Montana, 1984
B.A. Geology, State University of New York at Potsdam, 1982

PROFESSIONAL QUALIFICATIONS
Certified Professional Geologist # 10166
American Institute of Professional Geologists, Arvada, CO
New Hampshire Licensed Geologist #0142
ASTM/EPA Environmental Professional

OTHER
OSHA 1910.120 Hazardous Waste Site Worker
President, Vermont Philharmonic Orchestra Board of Directors
Williston-Richmond Rotary Club Member

APPENDIX J

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
RELAY SERVICE FOR THE HEARING IMPAIRED
1-800-253-0191 TDD>Voice
1-800-253-0195 Voice>TDD

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Waste Management Division
103 South Main Street/West Office
Waterbury, Vermont 05671-0404
(802) 241-3888
FAX (802) 241-3296

June 30, 1997

AL LARAWAY
ARMY CORPS OF ENGINEERS
505 RECALL AVENUE
WESTOVER ARB
CHICOPEE MA 01022

RE: Site Management Activity Completed, Ethan Allen Air Force Base, S. Burlington (Site #94-1663)

Dear Mr. Laraway:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has recently reviewed the above referenced site file to evaluate whether it could be assigned a SMAC (Site Management Activity Completed) designation. The above cited location was listed as one of Vermont's active hazardous waste sites following discovery of contamination during the closure of a 1,000-gallon fuel oil underground storage tank (UST) in August 1994. During the tank removal, soils screened using a photoionization detector (PID) contained maximum volatile organic compound concentrations of 17 parts per million (ppm). All petroleum contaminated soils with detectable PID readings were excavated and temporarily stockpiled onsite. A total of 20.58 metric tons of petroleum contaminated soils were removed. On October 4, 1994, these soils were disposed at the Williston Landfill. Groundwater was not encountered during the UST site assessment, and no potential sensitive receptors were identified within a 1,000-foot radius of the site. Based on the current conditions at this site, the SMS has determined that this site is now eligible for a SMAC designation. This means that the SMS has determined the following:

- the fuel oil UST has been removed from the ground, and is no longer a continuing source of petroleum contamination at this site;
- all petroleum contaminated soils were excavated and subsequently disposed at the Williston Landfill; and
- any residual contamination does not pose an unacceptable risk to human health or the environment.

Based on these findings, the SMS has determined that site management activities have been completed. The completion of these activities does not release the U.S. Army Corps of Engineers of any past or future liability which may arise from the petroleum contamination discovered to have originated from the fuel oil UST at the former Ethan Allen Air Force Base site. It does mean that the SMS is not requiring any additional work be performed in response to the contamination discovered at this site. If you have any questions or comments, please feel free to contact either me or Matt Moran at (802)-241-3888.

Sincerely,

George Desch, Chief
Sites Management Section

cc: South Burlington Selectboard
DEC Regional Office

State of Vermont

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation

Waste Management Division
103 South Main Street/West Office
Waterbury, Vermont 05671-0404
(802) 241-3888

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
RELAY SERVICE FOR THE HEARING IMPAIRED
1-800-253-0191 TDD>Voice
1-800-253-0195 Voice>TDD

23 November 1999

Mr. Bob McEwing
Burlington International Airport
1200 Airport Drive
South Burlington, VT 05403

Dear Mr. McEwing:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed the results of the environmental investigations and remedial activities conducted at the North-South Hangers site (VT Site # 97-2200) in South Burlington, VT. Based on these data and current site conditions, the SMS has determined the following:

- Shallow soils have been successfully remediated;
- there is groundwater contamination at this site, but the contamination is naturally degrading and is not migrating off site;
- potential sources of future contamination have been removed with the connection of the floor drains in the South Hanger to the South Burlington Sewer system; and
- restrictive covenants have been attached to the deed to prevent future exposure to contamination.

Based on these findings, the SMS has concluded that this site is eligible for a designation of "Site Management Activity Completed" (SMAC). This SMAC designation does not release the responsible parties from any past or future liability associated with the contamination discovered on this site. It does, however, mean that the SMS is not requesting any additional work at this time.

Sincerely,

George Desch, P.E.
Sites Management Section Chief

cc: Mr. Jeff Noyes, Heindel & Noyes, Inc.

SEP 2 6 1994

BURLINGTON INTERNATIONAL AIRPORT

September 21, 1994

Mr. Chuck Schwer, Supervisor
Agency of Natural Resources
Hazardous Materials Management Division
103 South Main St./West Office
Waterbury, Vermont 05671-0404

RE: Site Investigation Report - Site #93-1503
Burlington International Airport Innotech Fuel Farm

Dear Mr. Schwer,

As requested in your letter of January 3, 1994, Burlington International Airport retained the services of a qualified environmental consultant, Groundwater of Vermont, located in Burlington and has completed an initial site investigation of the Innotech fuel farm area. A copy of the Groundwater report for the fuel farm site is enclosed for your use.

Upon review of the report we would appreciate your assessment of the extent of the contamination, your assessment of the report's conclusions and guidance or suggestions you might have regarding the recommendations.

We have also provided a copy of this report to Innotech Aviation for their information and review.

If you have any questions, please contact Bob McEwing at 863-2874.

Sincerely,

John J. Hamilton
Director of Aviation

AIP21/CONTAM/ANR9

1200 Airport Drive, #1, South Burlington, Vermont 05403

(802) 863-2874 TDD
FAX (802) 863-1526

JUN 09 1993

GROUNDWATER TECHNOLOGY

Groundwater Technology, Inc.
1245 Kings Road, Schenectady, NY 12303
Tel: (518) 370-5631 Fax: (518) 370-5864

June 4, 1993

Mr. Matt Germon
VT DEC
103 South Main Street
West Building
Waterbury, Vermont 05671-0404

SUBJECT: Hertz Rent-A-Car
Burlington International Airport

Dear Mr. Germon,

Enclosed please find the subsurface investigation report dated May 20, 1993 for the above referenced site.

Should you have any questions or comments concerning this matter, please do not hesitate to contact me at (518) 370-5631.

Sincerely,
GROUNDWATER TECHNOLOGY, INC.

Michael B. Carr
Lead Geologist
Project Manager

MBC:mbe

Enclosure

GROUNDWATER TECHNOLOGY

Groundwater Technology, Inc.
1245 Kings Road, Schenectady, NY 12303
Tel: (518) 370-5631 Fax: (518) 370-5864

SUBSURFACE INVESTIGATION REPORT
HERTZ RENT - A - CAR
BURLINGTON INTERNATIONAL AIRPORT

May 20, 1993

Submitted to:

Patricia A. Woods
Project Manager
Environmental Affairs
The Hertz Corporation
225 Brae Boulevard
Park Ridge, NJ 07656-0713

GROUNDWATER TECHNOLOGY, INC.
Written/Submitted By:

Nicholas Pressly
Lead Engineer
Project Manager

GROUNDWATER TECHNOLOGY, INC.
Reviewed/Approved By:

Steven R. Meier
Senior Geologist

#1MylcaReport\Hertz/7982Inve.st

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APPENDICES

1.0 INTRODUCTION

Groundwater Technology, Inc (Groundwater Technology) was retained by Hertz Rent A Car (Hertz) to perform a subsurface assessment at the Hertz facility located at Burlington International Airport (Figure 1, Site Location Map). The objectives and scope of work for this investigation was based upon the Groundwater Technology proposal dated January, 25, 1993.

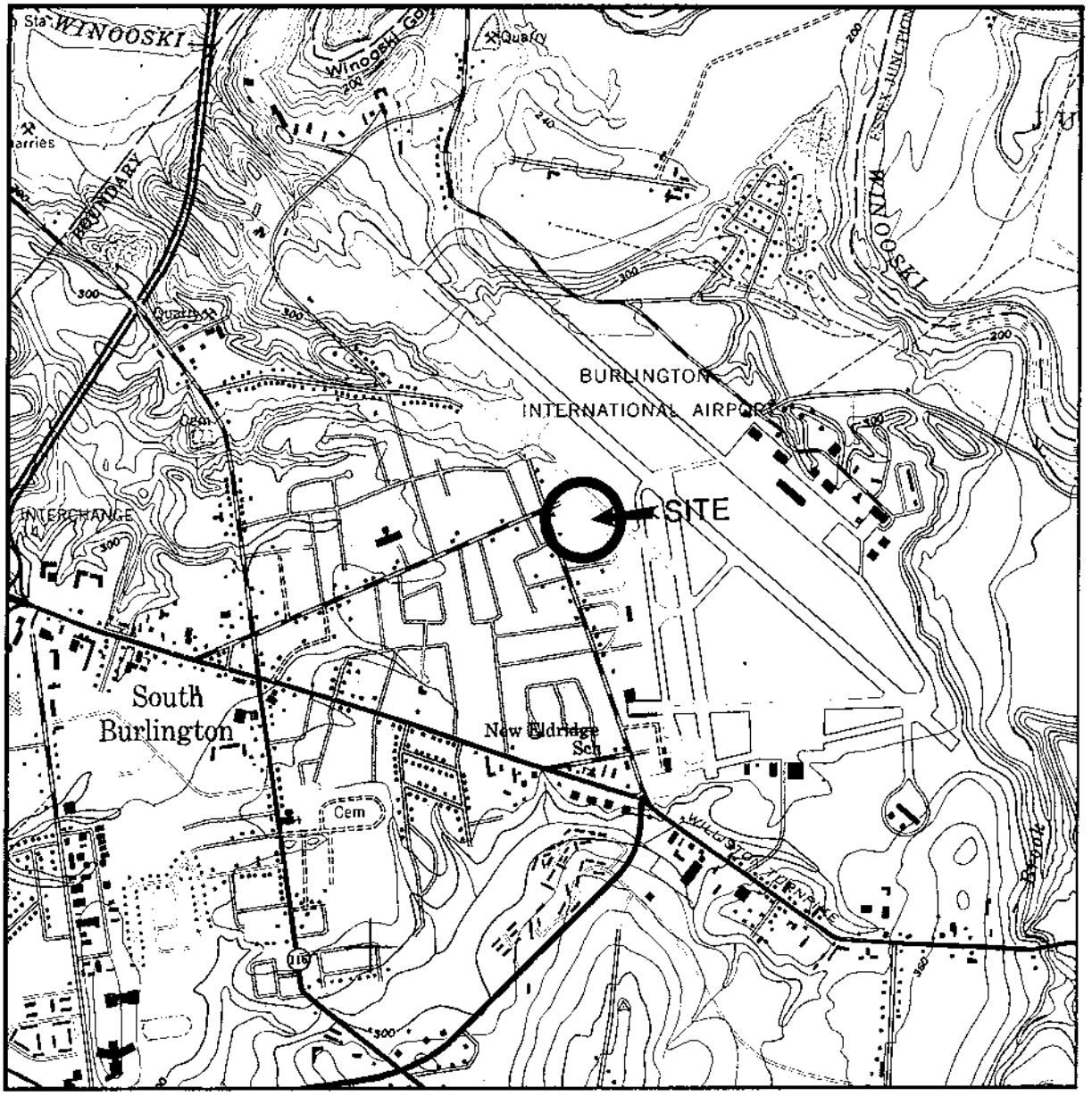
1.1 Background

During the removal of a Hertz owned 10,000 gallon gasoline underground storage tank (UST) on October 20, 1992 hydrocarbon impacted soil was encountered. A photoionization detector (PID) was used to screen excavated soil for volatile organic compounds (VOCs). All soils with PID readings greater than 20 parts per million (ppm) were removed from the excavation on the same date. Approximately 250 cubic yards of soil was removed and stockpiled on-site.

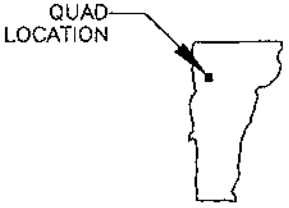
1.2 Objectives

The objectives for this investigation are summarized as follows:

- respond to regulatory requirements in an appropriate manner,
- evaluate the extent and magnitude of hydrocarbon impacts within the subsurface,
- provide data regarding the site hydrogeology,
- identify potential receptors of hydrocarbon impacts originating from the site,
- evaluate remedial alternatives, if necessary, and
- cause minimal disturbance to the normal daily operations at the site.



SOURCE: U.S.G.S. TOPOGRAPHIC QUADRANGLE
BURLINGTON QUADRANGLE
7.5 MINUTE SERIES
DATE: 1948 / REVISED 1987



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SCALE FEET

N

GROUNDWATER TECHNOLOGY

1245 KINGS ROAD
SCHENECTADY, NY 12303
(518) 370-5864

DESIGNED: MET	**SITE LOCATION MAP**		
DETAILED: MET	CLIENT: HERTZ		DRAWING DATE: 4/20/93
CHECKED: NCP	LOCATION: MAIN STREET BURLINGTON, VERMONT		FIGURE: 1

2.0 METHODS

2.1 Monitoring Well Installation

On March 23, 1993, a hollow-stem auger drill rig with split-spoon sampling capability was used to install 4 monitoring wells (GT-1 - GT-4) at the site. The well locations are depicted on Figure 2, Site Map.

A Geologist supervised the well installations. Split-spoon soil samples were collected at 5-foot intervals according to standard ASTM methods. Each soil sample was containerized and screened for the presence of VOCs using a PID. A single soil sample exhibiting the highest PID readings found on-site, was submitted for laboratory analysis according to EPA Method 8020. Soil descriptions and PID readings were noted on well logs (Appendix A).

Each well was constructed using 4-inch diameter, 0.020 slotted PVC screen and casing. A silica sand pack surrounded the well screen and a bentonite seal was placed above the sand pack to prevent surface water infiltration. Locking well caps and flush mounted, traffic approved, steel manholes were installed to protect the well casings.

Prior to initiating field work, a site specific health and safety plan was prepared to comply with OSHA requirements under 29 CFR 1910.120.

2.2 Groundwater Gauging and Sampling

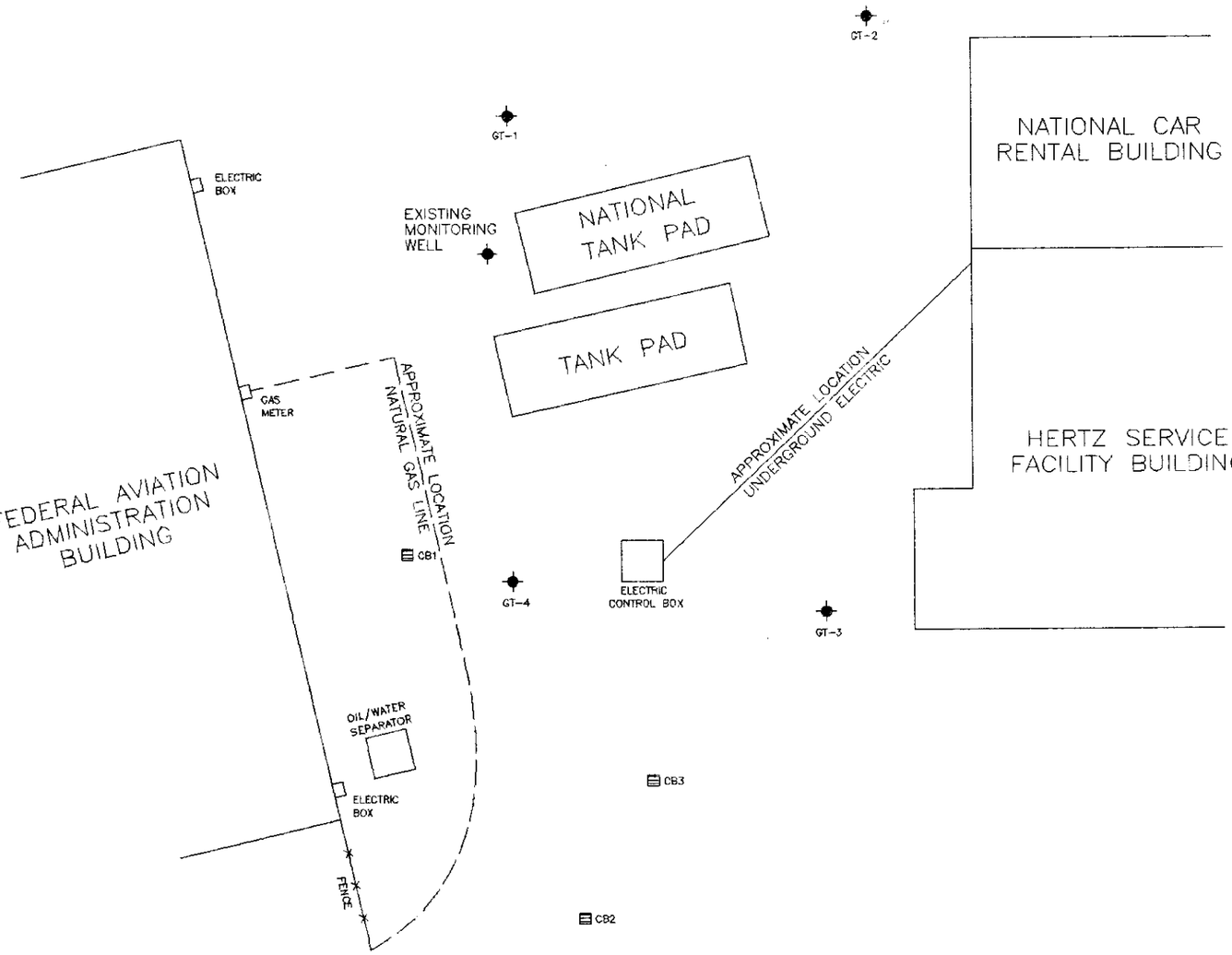
On March 30, 1993, a Groundwater Technology survey team located the existing and new wells and other pertinent site features on a site map. The top of casing elevations of the monitoring wells were surveyed relative to an arbitrary datum. Prior to sampling, the water level in each well was gauged using an ORS Interface Probe (IP). The IP is capable of measuring the depth to water/air/liquid hydrocarbon interface to 0.01 feet.

Groundwater samples were collected using disposable Teflon bailers dedicated to each well. Prior to sampling, 3 to 5 well volumes of groundwater were removed to insure the collection of a representative groundwater sample. Following collection, the samples were stored on ice and shipped via overnight

courier to Groundwater Technology Environmental Laboratories (GTEL). Each sample was analyzed according to EPA Method 602 protocol for BTEX, Total Hydrocarbons, and MtBE.

2.3 Potential Receptor Survey

A potential receptor survey (PRS) was performed to identify water wells, surface water bodies, utilities, basements, and any structures which could potentially be impacted by on-site hydrocarbons. The PRS utilized computer data bases, topographic maps, and on-site surveillance. A U.S.G.S well search was performed to identify public and private production wells within a 0.5 mile radius of the site.



LEGEND

MONITORING WELL

NOTES:

SOURCE:

0 20 40

SCALE FEET

N

APPROXIMATE NORTH

GROUNDWATER TECHNOLOGY
1245 KINGS ROAD
SCHENECTADY, NY 12303
(518) 370-5631

REV. NO.:	DRAWING DATE:	ACAD FILE:
	4/5/93	5402-STE

SITE MAP

CLIENT:	PM:
HERTZ	NCP
LOCATION: MAIN STREET BURLINGTON, NY	SM: JLF

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
GB	DEO	01110-5402	2

3.0 RESULTS

3.1 Site Geology

The soil encountered beneath the site consists of uniform brown fine sand from approximately 3 to 20 feet below grade. Trace quantities of silt, medium sand, and fine gravel were also observed within several soil samples. Soil classification data is included on the well logs in Appendix A.

3.2 Soil Sampling Results

The results of the field screening for VOCs using the PID are summarized below in Table 1.

Table 1

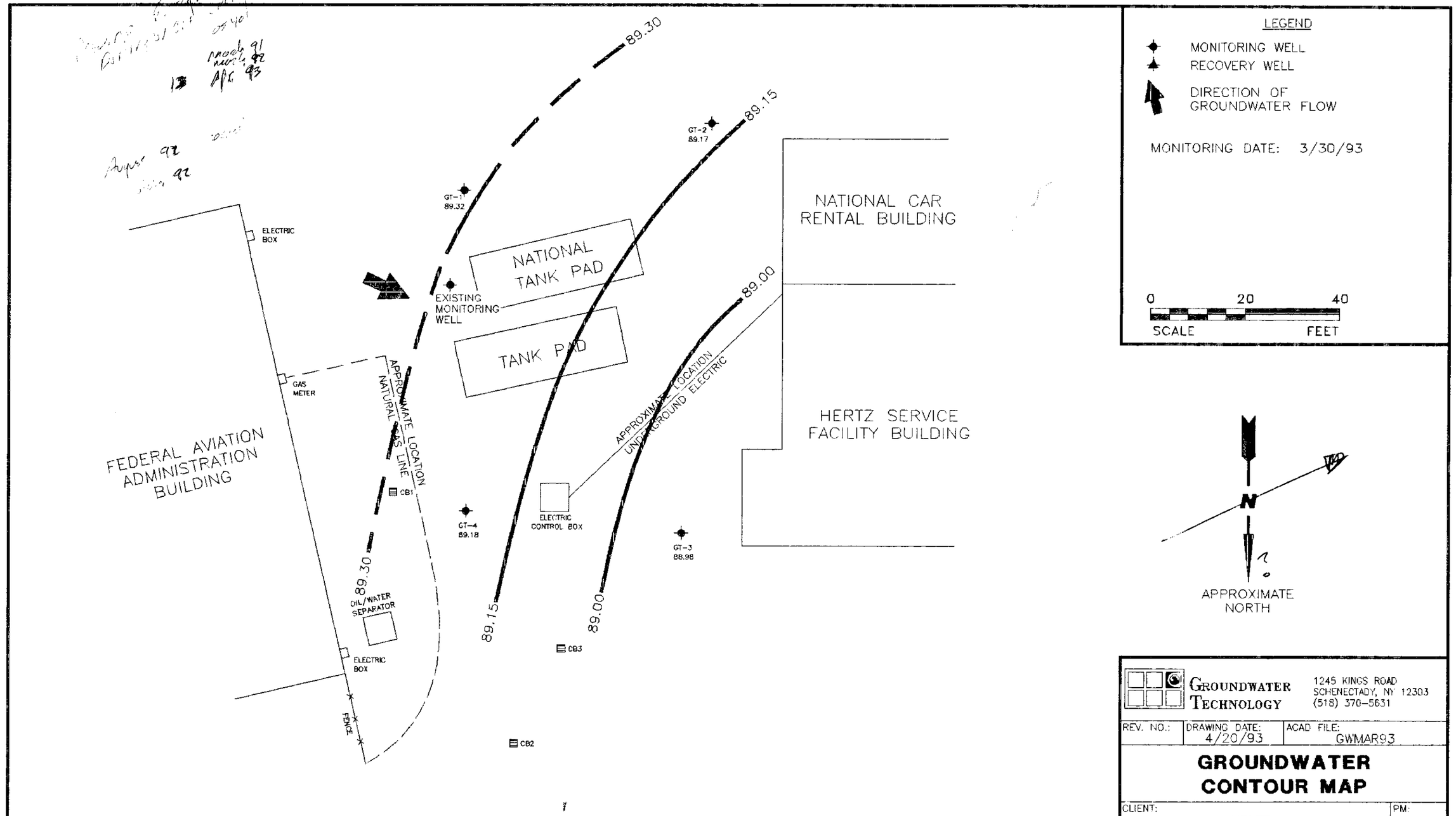
PID Field Screening Results (PPM)

Sample Interval *	GT-1	GT-2	GT-3	GT-4
3-5	0	167	175	90
8-10 +	4	1362	4480 #	4123
13-15	0	110	4185	1276
18-20	0	60	789	323

Key

PPM = Parts Per Million
* = Feet Below Grade
+ = Approximate Water Table Elevation
# = Submitted for laboratory Analysis

The soil sample exhibiting the highest levels of VOCs (GT-3, 8-10) was submitted for laboratory analysis according to EPA Method 8020. The results indicated a total BTEX (Benzene, Toluene, Ethyl Benzene, Xylene) concentration of 230 ppm. A laboratory analytical report is included in Appendix B.



GROUNDWATER TECHNOLOGY
1245 KINGS ROAD
SCHENECTADY, NY 12303
(518) 370-5631

REV. NO.:	DRAWING DATE:	ACAD FILE:
	4/20/93	GWMAR93

GROUNDWATER CONTOUR MAP

CLIENT:		PM:
HERTZ		NCP
LOCATION: MAIN STREET BURLINGTON, NY		SM: JLF
DESIGNED: GB	DETAILED: DEO	PROJECT NO.: 01110-5402
		FIGURE: 3

3.3 Site Hydrogeology

The depth to groundwater at the site was approximately 10 feet below grade. Groundwater flow was towards the northwest with an average gradient of 1.2 percent. Groundwater gauging data is included as Appendix C. A groundwater contour map is included as Figure 3.

3.4 Groundwater Sampling Results

On March 30, 1993, liquid phase petroleum was detected within GT-4 and GT-3 at thicknesses of 0.18 and 1.03 feet, respectively. A bail-down test was performed to determine the true product thickness in the aquifer. The test indicated true petroleum thicknesses of 0.07 and 0.45 feet, respectively. A petroleum sample was collected from GT-3 and analyzed for fingerprint characterization by capillary gas chromatography using FID and ECD. The sample was identified as a relatively un-weathered gasoline. The product analytical report is included as Appendix D.

The results of groundwater samples collected on March 30 are summarized below in Table 2.

Table 2

Groundwater Sampling Results (PPB)

Parameter	GT-1	GT-2	GT-3	GT-4
Liquid Phase Petroleum	ND	ND	1.03 feet	0.18 feet
Total BTEX+	ND	6500	NS	NS
MtBE+	ND	180	NS	NS

Key

+ = As determined by EPA Method 602 analysis
ND = Not Detected
NS = Not sampled because of presence of petroleum

The groundwater sampling analytical report according to EPA Method 602 is included as Appendix E. A hydrocarbon distribution map is presented as Figure 4.

3.5 Potential Receptor Survey

The buildings (Hertz, National Car Rental, and the Federal Aviation Administration) are located in the area surrounding the tank pad. These buildings were not found to have basements. Underground utilities within this area included electric, natural gas, and storm sewers. None of these shallow utilities are expected to intersect the water table which is located at approximately 10 feet below grade.

The United States Geological Survey (USGS) Groundwater Site Inventory Database indicated that no water supply wells are located within a 1 mile radius of the site. Public water supply data from the Vermont Department of Environmental Conservation, Water Supply Division indicated that Lake Champlain provides the Burlington area with a large percentage of its potable water supply. They also indicated that no wells were located within 0.5 miles of the site. Finally, The Vermont Center for Geographic Information Systems indicated that the closest water wells are located approximately 3800 meters east (crossgradient) of the site in Williston, Vermont.

A tributary to the Winooski River was located approximately 1000 feet northwest and downgradient of the site. The Winooski River is located approximately 1 mile north of the site.

4.0 CONCLUSIONS

Based on the results obtained during this investigation, the following conclusions are presented:

- The liquid phase hydrocarbon impacts encountered (maximum true thickness = 0.45 feet) within the subsurface appear to have originated from the area of the two underground storage tank systems.
- Field screening results of soil samples using the PID indicate that the highest hydrocarbon concentrations were found in the immediate vicinity of the water table. Based on the areal distribution of hydrocarbon impacts, groundwater flow appears to be the primary transport mechanism.
- Since hydrocarbon levels were not detected within upgradient monitoring well, GT-1, the only other potential source area, other than the Hertz UST, is the National Car Rental UST system.
- Potential receptors including subsurface utilities or water supply wells were not identified. However, a tributary to the Winooski River was identified as a potential receptor in relatively close proximity and downgradient of the site.

5.0 RECOMMENDATIONS

Based on the information obtained during this investigation, the following is recommended.

- Determine which of the two UST systems caused the release one of the following methods:
  - Determine the fuel type within each tank and perform petroleum additive analyses on samples obtained from downgradient monitoring wells and each tank.
  - Add a unique volatile tracer compounds to each tank and collect soil gas samples from the area surrounding the tanks to determine which of the tracers has entered the subsurface.
- Install 3 to 4 additional monitoring wells downgradient of the site to evaluate the full extent of the dissolved and liquid phase hydrocarbon plume.
- Develop and implement a remedial action plan based on the supplemental subsurface investigation data to control hydrocarbon migration and reduce hydrocarbon levels in order to protect the tributary to the Winooski River.

APPENDIX A

WELL LOGS

Drilling Log

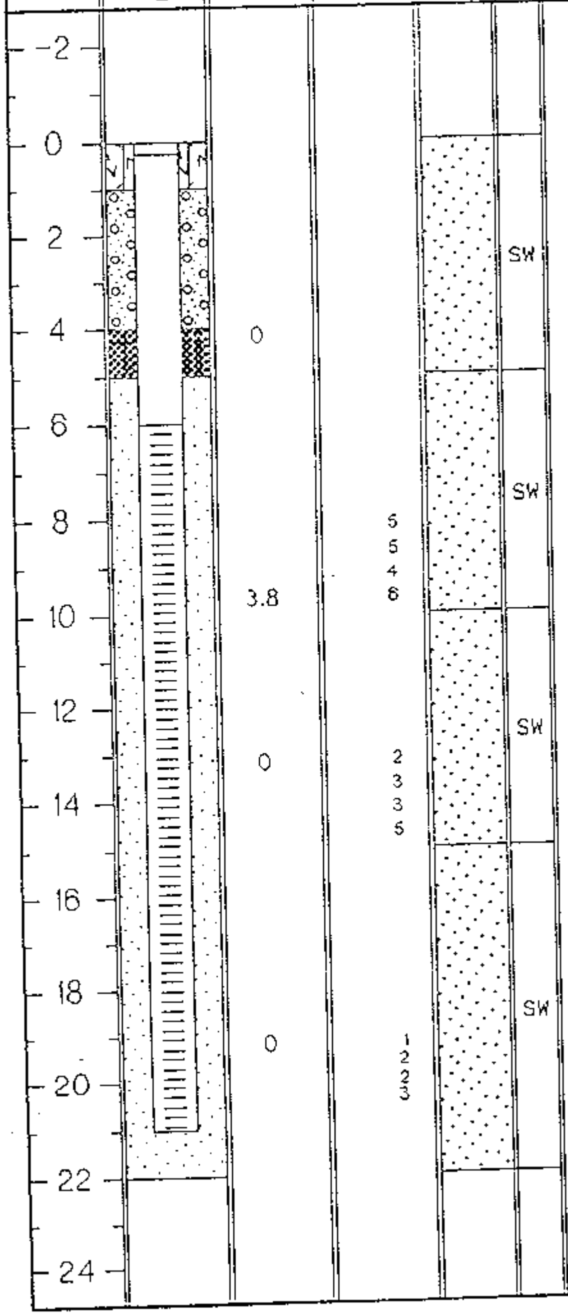
GROUNDWATER TECHNOLOGY

Monitoring Well GT-1

See Site Map
For Boring Location

COMMENTS:

Project *Hertz* Owner *Hertz Corporation*
Location *Burlington, VT* Project No. *0110-5402* Date drilled *3/23/93*
Surface Elev. ______ Total Hole Depth *22 ft.* Diameter *.875 ft.*
Top of Casing ______ Water Level Initial ______ Static ______
Screen: Dia *4 in.* Length *15 ft.* Type/Size *.020 in.*
Casing: Dia *4 in.* Length *5.5 ft.* Type *PVC*
Filter Pack Material *#1 SAND* Rig/Core Type *Mobile B-61*
Drilling Company *GTI* Method *HSA* Permit # ______
Driller *Mike Mede* Log By *J. Favreau*
Checked By *N. Pressly* License No. ______



Depth (ft.)	PID (ppm)	Sample ID Blow Count/ % Recovery	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
3'-5'	0		SW	3'-5': Damp, brown, fine sand, trace medium sand.
8'-10'	3.8	5 5 4 6	SW	8'-10': Damp to moist, brown, uniform fine sand.
13'-15'	0	2 3 3 5	SW	13'-15': Saturated, brown, uniform fine sand.
18'-20'	0	1 2 2 3	SW	18'-20': Saturated, brown, uniform fine sand.

04/27/1993 lithlog-mar92

Drilling Log

GROUNDWATER TECHNOLOGY

Monitoring Well GT-2

Project Hertz — Owner Hertz Corporation
Location Burlington, VT — Project No. 01110-5402 — Date drilled 3/23/93
Surface Elev. ____ — Total Hole Depth 22 ft. — Diameter .875 ft.
Top of Casing ____ — Water Level Initial ____ — Static ____
Screen: Dia 4 in. — Length 15 ft. — Type/Size .020 in.
Casing: Dia 4 in. — Length 5.5 ft. — Type PVC
Filter Pack Material #1 SAND — Rig/Core Type Mobile B-61
Drilling Company GTI — Method HSA — Permit # ____
Driller Mike Mede — Log By J. Favreau
Checked By N. Pressly — License No. ____

See Site Map For Boring Location

COMMENTS:

Depth (ft.)	Well Completion	PID (ppm)	Sample ID / Blow Count / % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2 to 24		167	20 20 10 10		SW	3'-5': Damp, brown/dark brown, uniform fine sand, (gasoline odor).
		1362	6 8 10 4		SW	8'-10': Damp - moist, brown, uniform fine sand, (gasoline odor).
		110	4 4 6 3		SW	13'-15': Saturated, as above.
		59.6	3 4 3 3		SW	18'-20': Saturated, as above with trace fine gravel.

Drilling Log

GROUNDWATER TECHNOLOGY

Monitoring Well GT-3

Project Hertz — Owner Hertz Corporation
Location Burlington, VT — Project No. 01110-5402 — Date drilled 3/23/93
Surface Elev. ____ — Total Hole Depth 22 ft. — Diameter .875 ft.
Top of Casing ____ — Water Level Initial ____ — Static ____
Screen: Dia 4 in. — Length 15 ft. — Type/Size .020 in.
Casing: Dia 4 in. — Length 5.5 ft. — Type PVC
Filter Pack Material #1 SAND — Rig/Core Type Mobile B-61
Drilling Company GTI — Method HSA — Permit # ____
Driller Mike Mede — Log By J. Favreau
Checked By N. Pressly — License No. ____

See Site Map For Boring Location

COMMENTS:

Depth (ft.)	Well Completion	PID (ppm)	Sample ID / Blow Count / % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2						
0						
2					SW	3'-5': Damp, dark brown, fine sand, trace medium sand (dense) (gasoline odor)
4		175				
6					SW	8'-10': Damp, brown, uniform fine sand (very strong gasoline odor).
8			5 5 5 8			
10		4480				
12					SW	13'-15': Saturated, brown, uniform fine sand trace gravel (sheen).
14		4185	3 3 7 10			
16						
18					SW	18'-20': Saturated, dark brown to brown, fine sand, little silt.
20		789	2 3 3			
22						
24						

04/27/1993 lithlog-mar92

Drilling Log

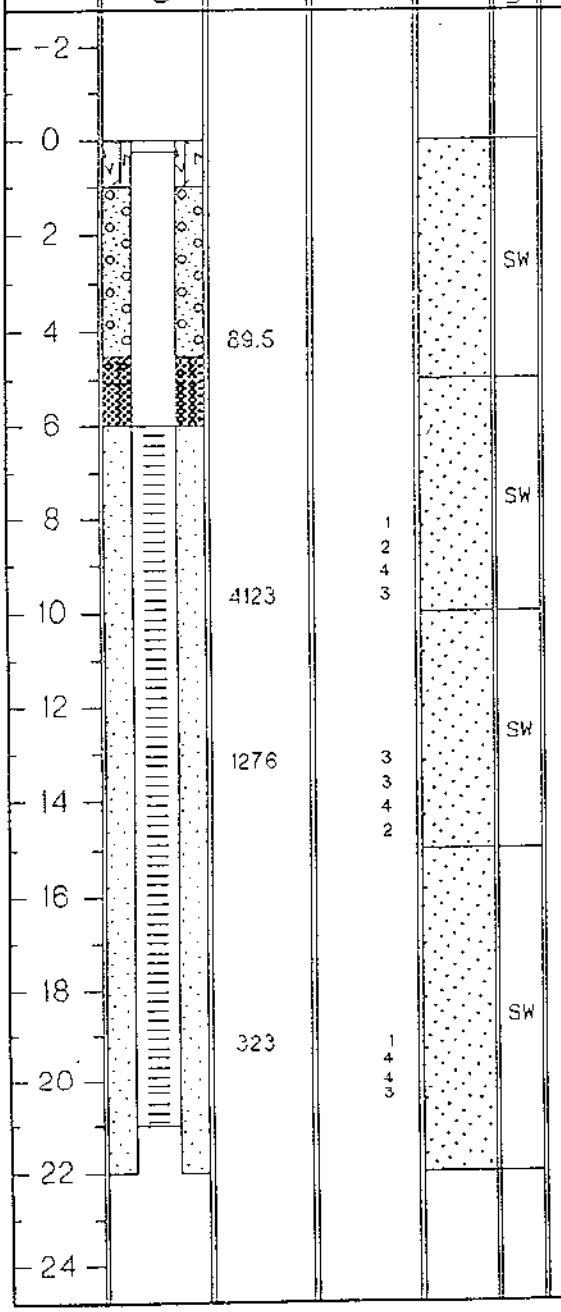
GROUNDWATER TECHNOLOGY

Monitoring Well GT-4

Project Hertz — Owner Hertz Corporation
Location Burlington, VT — Project No. 01110-5402 — Date drilled 3/24/93
Surface Elev. ____ — Total Hole Depth 22 ft. — Diameter .875 ft.
Top of Casing ____ — Water Level Initial ____ — Static ____
Screen: Dia 4 in. — Length 15 ft. — Type/Size .020 in.
Casing: Dia 4 in. — Length 6.5 ft. — Type PVC
Filter Pack Material #1 SAND — Rig/Core Type Mobile B-61
Drilling Company GTI — Method HSA — Permit # ____
Driller Mike Mede — Log By J. Favreau
Checked By N. Pressly — License No. ____

See Site Map For Boring Location

COMMENTS:



Description

(Color, Texture, Structure)
Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%

3'-5':
Damp, brown, very fine to fine sand.

8'-10':
Damp, brown, uniform fine sand (strong gasoline odor).

13'-15':
Saturated, brown, uniform fine sand (strong gasoline odor).

18'-20':
Saturated, brown/dark brown, fine and very fine sand (moderate gasoline odor).

APPENDIX B

SOIL SAMPLING RESULTS

GTEL
ENVIRONMENTAL
LABORATORIES, INC.
Northeast Region
Meadowbrook Industrial Park
Milford, NH 03055
(603) 672-4835
(603) 673-3105 (FAX)

Client Number: 011105402
Project ID: Hertz-Burlington
Login Number: M3-03-0731

April 8, 1993

Nicholas Pressly
Groundwater Technology, Inc.
1245 Kings Road
Schenectady, NY 12303

Dear Mr. Pressly:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 03/26/93 under chain-of-custody record 54288.

A formal Quality Assurance / Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Susan C. Uhler
Laboratory Director

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 2

To N. Pressly	From G. Smith
Co.	Co.
Dept.	Phone #
Fax #	Fax # 03-0731

Client Number: 011105402
Project ID: Hertz-Burlington
Login Number: M3-03-0731

ANALYTICAL RESULTS

Aromatic Volatile Organics in Soil
Modified EPA Method 8020[a]

GTEL Sample Number		030731-01	--	--	--
Client Identification		GT-3 (8'-10')	--	--	--
Date Sampled		03/23/93	--	--	--
Date Analyzed		04/01/93	--	--	--
Analyte	Reporting Limit, mg/kg	Concentration, mg/kg (dry)			
Benzene	0.05	< 0.58	--	--	--
Toluene	0.05	32	--	--	--
Ethylbenzene	0.10	31	--	--	--
Xylenes (total)	0.20	170	--	--	--
BTEX (total)	--	230	--	--	--
Chlorobenzene	0.10	< 1.2	--	--	--
1,2-Dichlorobenzene	0.10	< 1.2	--	--	--
1,3-Dichlorobenzene	0.10	< 1.2	--	--	--
1,4-Dichlorobenzene	0.10	3.7	--	--	--
Sample Dilution Factor[b]		11.6	--	--	--
Percent Solids		96.3	--	--	--

a Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986; Methanolic extraction by EPA Method 5030 (purge and trap). Method modified to include additional compounds.

b The sample dilution factor indicates the adjustments made to the data and detection limits as a result of dilutions and percent solids.

GTEL ENVIRONMENTAL LABORATORIES, INC.

APPENDIX C

GROUNDWATER GAUGING DATA

GROUNDWATER TECHNOLOGY, INC.
2 WALKER WAY
LBANY, NY 12205
518) 456-2444

PROJECT NAME/LOCATION: Hertz Burlington PAGE ____ OF ____

PROJECT NO.: ____ TASK CODE: ____ DATE: 3/30/93

EQUIPMENT NO.: ____ STAFF CONTACT: NP

PROBE CORRECTION:
☐ CORR. ☐ UNCORR.

☐ WELL ___ NEEDS GRIPPER
☐ WELL ___ NEEDS ROADBOX
☐ WELL ___ NEEDS REPAIR

WELL DATA MONITORING FORM

WELL ID	WELL DEPTH	T.O.C ELEV.	DEPTH TO WATER	DEPTH TO PETRO.	PETRO. THICKNESS	PETRO GRAVITY	HYDRO. EQUIV.	CORRECTED DEPTH TO WATER	CORRECTED WATER ELEV.
T-1		99.38	10.06						89.32
T-2		99.75	10.58						89.17
T-3		99.59	11.37	10.34	1.03	0.74	0.76	10.61	88.98
T-4		99.19	10.14	9.96	0.18	0.74	0.13	10.01	89.18

C MENTS:

APPENDIX D

PRODUCT SAMPLING RESULTS

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3008-B 16th Avenue West
Seattle, WA 98119
FAX: (206) 283-5044

April 6, 1993

Nik Pressly, Project Leader
Groundwater Technology
1245 Kings Road
Schenectady, NY 12303

Dear Mr. Pressly:

Enclosed are the results from the testing of material submitted on April 2, 1993 from Project Hertz Berlington.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

Amy Gray

Amy M. Gray
Chemist

AMG

Enclosures

FAX: (518) 370-5864

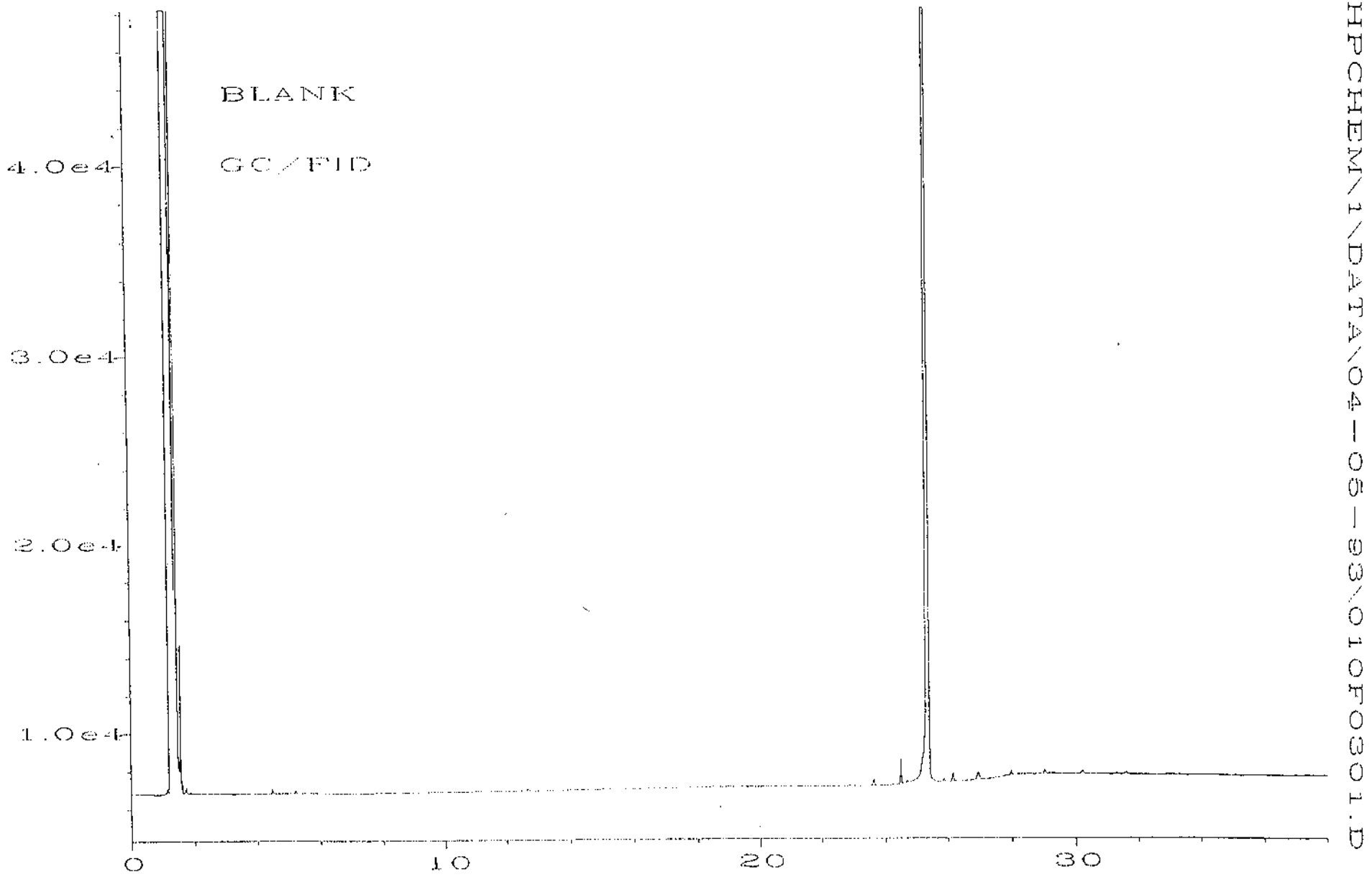
FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: April 6, 1993
Date Received: April 2, 1993
Project: Hertz Berlington

RESULTS FROM THE ANALYSIS OF THE PRODUCT SAMPLE FOR FINGERPRINT CHARACTERIZATION BY CAPILLARY GAS CHROMATOGRAPHY USING A FLAME IONIZATION DETECTOR (FID) AND ELECTRON CAPTURE DETECTOR (ECD)

Sample #	GC Characterization
Product ID (Gas)	The gas chromatographic FID trace showed the presence of low boiling compounds, such as those found in gasoline. This characterization is based on the presence of a typical pattern envelope of peaks present from ca n-C_5 to n-C_{12} with a maximum near n-C_7. Augmented levels of benzene, toluene, ethylbenzene and the xylenes were seen which are common to most gasolines. The material appeared to be mostly unweathered. The large peak seen at 25 minutes is pentacosane, a compound added as a QA/QC check. The GC/ECD trace showed an absence of significant levels of semi-volatile halogenated or oxygenated material or organic lead.


BLANK
GC/FID
4.0e4
3.0e4
2.0e4
1.0e4
0
10
20
30
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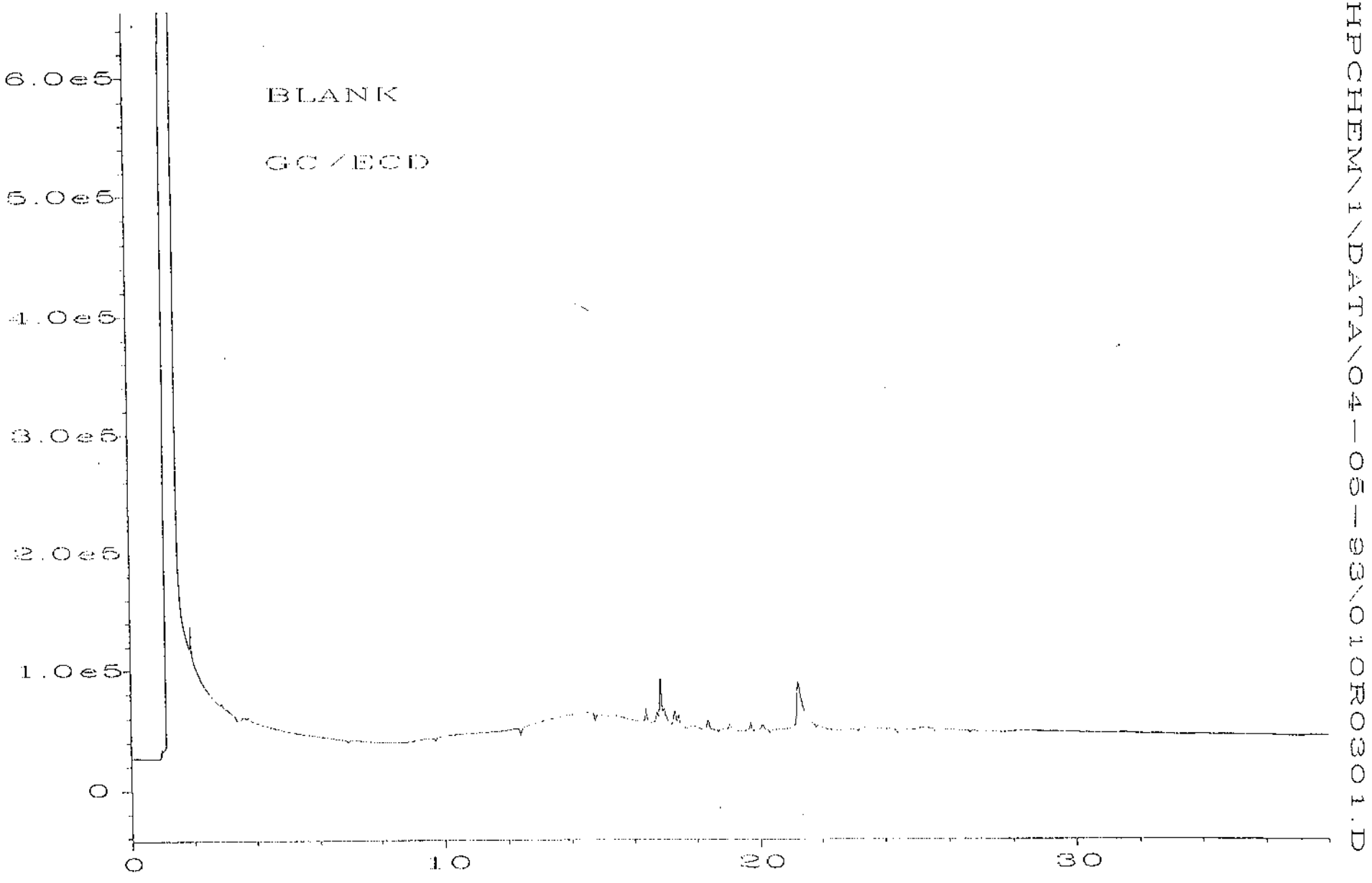
BLANK
GC/ECD
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5.0e5
4.0e5
3.0e5
2.0e5
1.0e5
0
0
10
20
30
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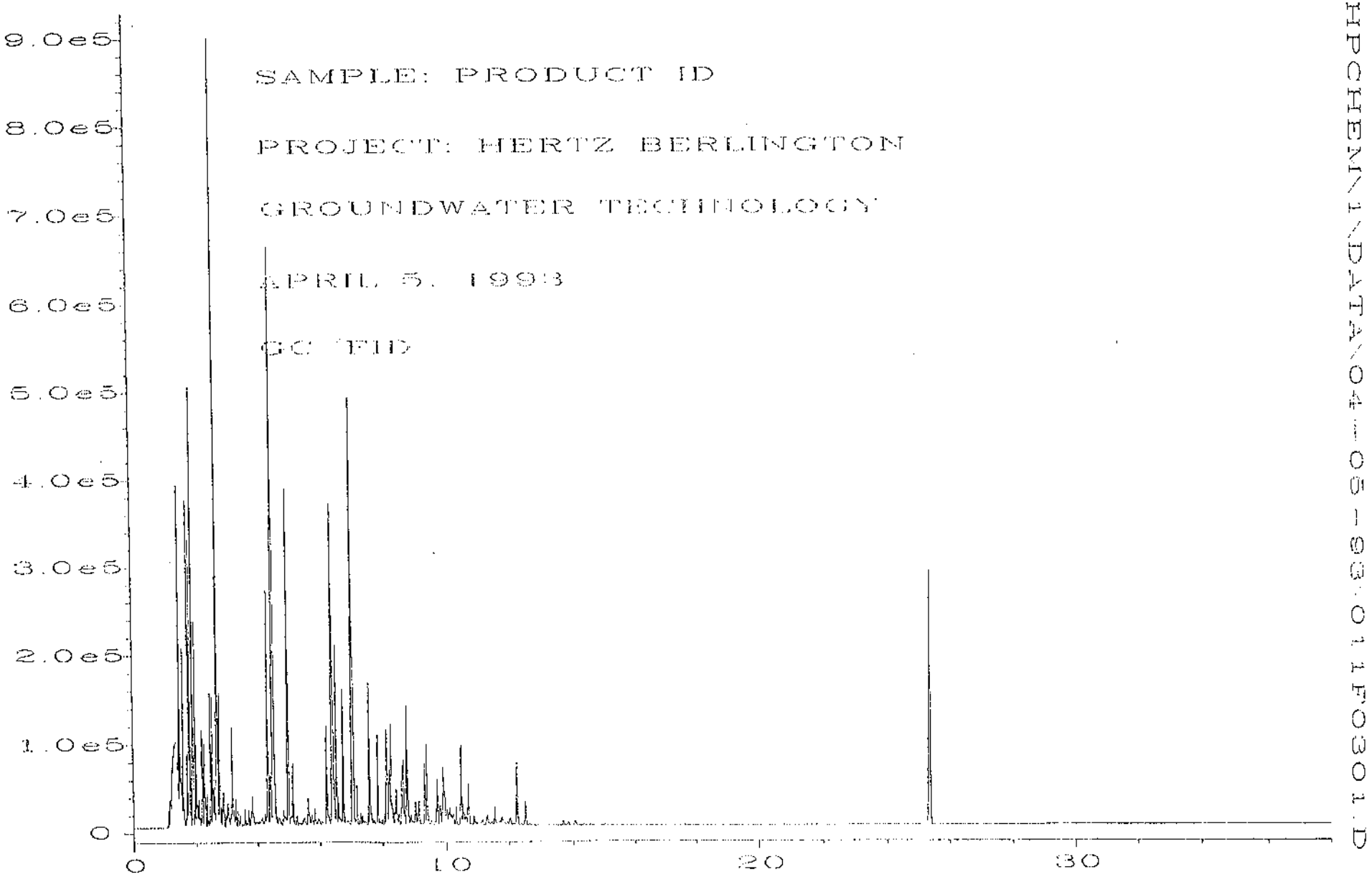
SAMPLE: PRODUCT ID
PROJECT: HERTZ BERLINGTON
GROUNDWATER TECHNOLOGY
APRIL 5, 1993
GC FID
9.0e5
8.0e5
7.0e5
6.0e5
5.0e5
4.0e5
3.0e5
2.0e5
1.0e5
0
0
10
20
30
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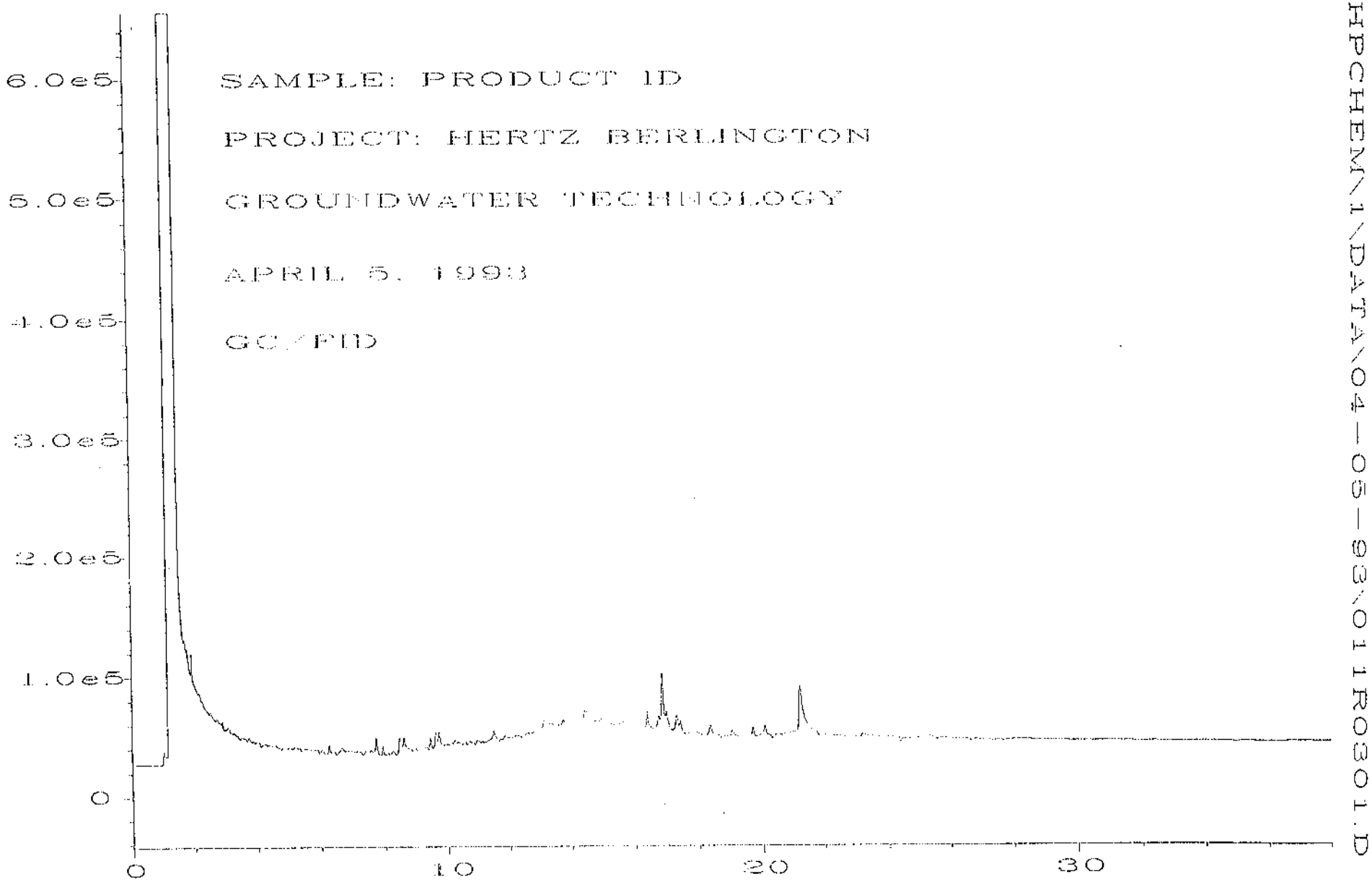
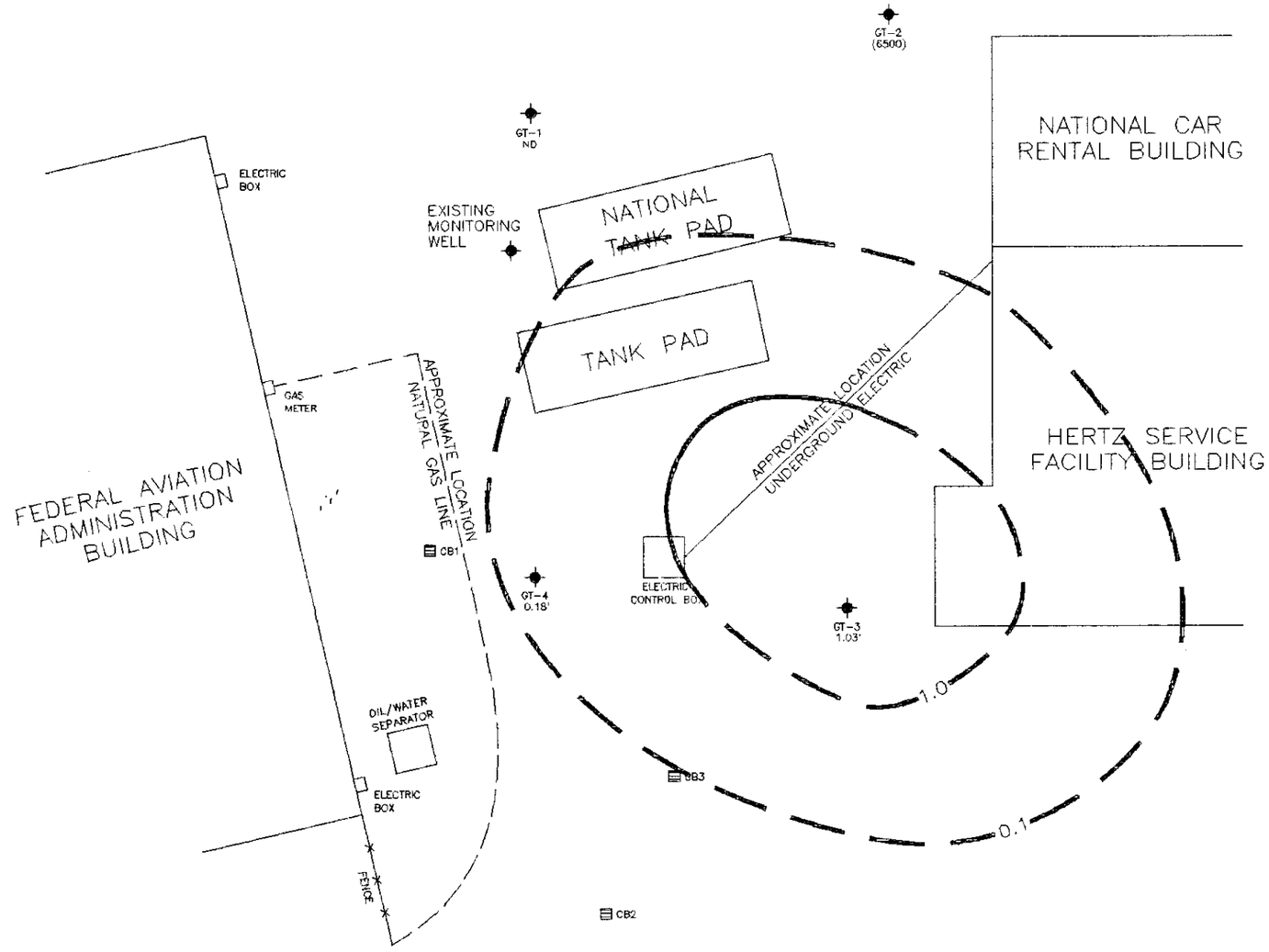

SAMPLE: PRODUCT ID
PROJECT: HERTZ BERLINGTON
GROUNDWATER TECHNOLOGY
APRIL 5, 1993
GC/PID
6.0e5
5.0e5
4.0e5
3.0e5
2.0e5
1.0e5
0
0
10
20
30
C:\HPCHEM\1\DATA\04-05-93\011R0301.D

APPENDIX E

GROUNDWATER SAMPLING RESULTS

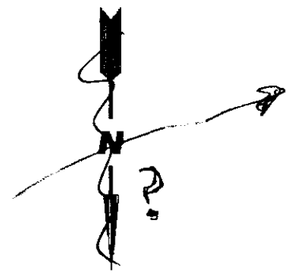


LEGEND

- ✦ MONITORING WELL
- ND NOT DETECTED (EPA METHOD 602)
- (6500) BTEX CONCENTRATION (ppb) (EPA METHOD 602)
- 1.03' LIQUID PHASE HYDROCARBON THICKNESS (feet)
- —1.0— LIQUID PHASE HYDROCARBON CONTOUR (feet)

SAMPLING DATE: 3/30/93

0 20 40
SCALE FEET



APPROXIMATE
NORTH

GROUNDWATER TECHNOLOGY
1245 KINGS ROAD
SCHENECTADY, NY 12303
(518) 370-5631

REV. NO.:	DRAWING DATE:	ACAD FILE:
	5/12/93	HYDMAR93

HYDROCARBON DISTRIBUTION MAP

CLIENT:		PM:
HERTZ		NCP
LOCATION: MAIN STREET BURLINGTON, NY		SM: JLF
DESIGNED: GB	DETAILED: DEO	PROJECT NO.: 01110-5402

FIGURE: 4

Client Number: 011105402
Project ID: Hertz:Burlington
Login Number: M3-04-0023

ANALYTICAL RESULTS

Purgeable Aromatics in Water
Modified EPA Method 602[a]

GTEL Sample Number		040023-01	040023-02	--	--
Client Identification		GT-1	GT-2	--	--
Date Sampled		03/30/93	03/30/93	--	--
Date Analyzed		04/06/93	04/06/93	--	--
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.2	< 0.2	120	5 --	--
Toluene	0.5	< 0.5	510	2420	--
Ethyl Benzene	0.8	< 0.8	780	380	--
Xylenes (total)	1.7	< 1.7	5100	1,500	--
BTEX (total)	--	--	6500	--	--
Methyl tert-Butyl Ether	0.8	< 0.8	180[c]	40 --	--
Detection Limit Multiplier[b]		1	50	--	--

a Federal Register, Vol. 49, October 26, 1984. Method modified to include additional compounds.
b The detection limit multiplier indicates the adjustments made to the data and detection limits for sample dilutions.
c Methyl tert-Butyl Ether has been quantified from the primary detector and column but has not been confirmed by a secondary detector or column due to the interference of aliphatic hydrocarbons. For definitive confirmation GC/MS analysis is recommended.

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL
ENVIRONMENTAL
LABORATORIES, INC.
Northeast Region
Meadowbrook Industrial Park
Milford, NH 03055
(603) 672-4835
(603) 673-8105 (FAX)

Client Number: 011105402
Project ID: Hertz:Burlington
Login Number: M3-04-0023

April 14, 1993

Nick Pressly
Groundwater Technology, Inc.
1245 Kings Road
Schenectady, NY 12303

Dear Mr. Pressly:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 04/01/93 under chain-of-custody record 52221.

A formal Quality Assurance / Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes.

GTEL is certified (approved) by the State of New York under number 10599.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Susan C. Uhler
Laboratory Director

INITIAL SITE INVESTIGATION REPORT

Burlington International Airport
Fuel Farm

VT DEC Site #93-1503

18 June 1994

Prepared for:

Burlington Airport Commission
1200 Airport Drive, #1
South Burlington, VT 05403

Prepared by:

Ground Water of Vermont
1 Mill Street, Box C-5
Burlington, Vermont
(802) 860-6065

GWV Project #V94-011

TABLE OF CONTENTS

EXECUTIVE SUMMARY

Ground Water of Vermont (GWV) has conducted an initial site investigation at the Burlington International Airport Fuel Farm in South Burlington, Vermont. The investigation consisted of the following: 1) a review of available data on the site; 2) a soil gas survey; 3) sampling and analysis of ground water and petroleum product in existing monitoring wells; 4) four weekly bailings of free product from a monitoring well in the fuel farm, 5) a site inspection; 6) a receptor survey and risk assessment; and 7) preparation of a summary report.

The investigation has identified soil and ground water petroleum contamination in two areas of the site. The soil gas results suggest that there are two distinct plumes of petroleum compounds. The larger of the soil-gas plumes appears to have originated from spills in the main fuel transfer area and/or releases from a nearby abandoned underground storage tank (UST) of unknown history. A smaller soil-gas plume was identified in the northern portion of the site, between the former location of two above ground storage tanks owned by British Petroleum and the active Innotech #7 UST. The source of this contamination was not determined. Observations of petroleum staining and odors in soils beneath the aboveground piping system for the Innotech #1 and #2 Jet-A fuel USTs, combined with the presence of nearly one foot of Jet-A fuel in an adjacent monitoring well (MW1), suggests that petroleum has been released to the subsurface from these systems.

Ground water gradient at the site was determined to be toward the southwest, at 0.1%. The presence of free product in two of the three monitoring wells may have interfered with the accurate determination of ground water flow direction. The low gradient is due to the topographic location of the site in the middle of a broad, flat topographic high area. Monitoring results from the three monitoring wells at the site indicate the presence of 0.90 feet of free-phase petroleum product identified as jet fuel in monitoring well MW1 (located adjacent to the Innotech #1 and #2 USTs), 0.04 feet of free product in MW2 (located adjacent to an abandoned UST of unknown history), and dissolved petroleum compounds above Vermont drinking water standards in MW3 (located between the former BP AST locations and the Innotech #7 UST).

Approximately 1.8 gallons of jet fuel were recovered from monitoring well MW1 by manual bailing in four weekly events. Recovery data trends suggest that there is not a large volume of easily recoverable product in the vicinity of this well. Monitoring well MW2 did not contain enough product to warrant recovery efforts.

On the basis of these findings, GWV recommends that additional monitoring wells be installed at the site, to better evaluate the degree and extent of dissolved and free-phase petroleum contamination at the site. Data obtained from the additional monitoring wells will be used to determine whether a Corrective Action Feasibility Study is warranted. GWV recommends the installation and weekly operation of a filter canister-type passive recovery system for continued product recovery from monitoring well MW1, and monthly monitoring of the other monitoring wells at the site. Product recovery should be performed by OSHA-trained personnel. The two abandoned USTs at the site should be permanently closed in accordance with State regulations. Regulatory compliance of current fuel handling and release reporting practices should be verified.

1.0 INTRODUCTION

This report details the results of a site investigation at the Burlington International Airport Fuel Farm in South Burlington, Vermont. The report has been prepared by Ground Water of Vermont (GWV) for the Burlington Airport Commission.

The site investigation has been conducted to fulfill requests made by Mr. Chuck Schwer of the Vermont Department of Environmental Conservation (VT DEC) Sites Management Section (SMS) in a 3 January 1994 letter to the airport director, Mr. John Hamilton. The VT DEC requested that additional work be conducted at the site after receiving a report entitled "Results of a Preliminary Field Investigation at the Burlington International Airport for the City of Burlington, VT". The report, prepared by Burns and McDonnell Waste Consultants, Inc. of Overland Park, Kansas, indicated that subsurface petroleum contamination was present in soils and ground water at the fuel farm site. The VT DEC requested the following actions:

1. Actively recover any free product measured in the ground in excess of 1/8";
2. Further define the degree and extent of contamination to the soil;
3. Perform an additional round of ground water samples from the three on-site monitoring wells;
4. Determine the need for additional monitoring wells at the site in order to define the degree and extent of petroleum contamination;
5. Determine the need for a long-term treatment or monitoring plan for the site; and
6. Submit to the SMS a summary report outlining the work performed and providing conclusions and recommendations.

GWV submitted a preliminary work plan and cost estimate to the VT DEC on 25 February 1994. The VT DEC approved the work plan and cost estimate on 16 March 1994.

1.1 Scope of Work

To accomplish the investigation objectives, GWV has performed the following:

- Reviewed existing data on the site;
- Performed a soil gas survey at the site;
- Determined ground water flow direction and gradient;
- Collected and submitted for laboratory analysis ground water and free product samples from the ground water monitoring wells;
- Performed four weekly free product bailings of the on-site monitoring wells;
- Inspected the site for surface signs of product releases and UST locations;
- Identified potential receptors of the contamination;
- Assessed the risk that the contamination poses to these potential receptors;

- Evaluated the need for additional monitoring wells to determine the degree and extent of petroleum contamination at the site;
- Evaluated the need for treatment and/or a long-term monitoring plan for the site; and
- Prepared a summary report that details the work performed and provides conclusions and recommendations.

1.2 Site Location and Physical Setting

The fuel farm site is located adjacent to the main airport terminal building, on Airport Drive in the City of South Burlington, Vermont (see Figure 1, Site Location Map, and Figure 2, Site Map). The site consists of an unpaved area with both aboveground and underground storage tanks and delivery systems. The fuel farm is surrounded on all sides by paved areas. Parking lots are located to the south and west of the fuel farm. The main terminal building is located approximately 100 feet south of the fuel farm southern boundary. A driveway and the airport control tower are located to the north. A runway ramp and the main runway area lie to the east of the fuel farm.

The site is located in the Champlain Valley, on a terrace above the Winooski River. The site is located on a local topographic high; surface topography is flat and level for several hundred feet in all directions from the site. The Winooski River is located approximately one mile to the east and north of the site, and flows generally westward to Lake Champlain. Approximately one-half mile south of the site, Potash Brook flows westward into Lake Champlain. Approximately one-half mile west and north of the site, several unnamed streams drain toward the west.

The surficial materials at the site are mapped as pebbly marine sands deposited in the Champlain Sea (Doll, 1961). Four soil borings performed for the Burns and McDonnell study encountered fine sands with varying amounts of silt. Bedrock underlying the site is mapped as the Ordovician-age Bascom Formation, which consists of interbedded dolomite, limestone or marble, calcareous sandstone, and limestone breccia (Doll, 1961). The soil borings, which were generally advanced to 22 feet below ground surface, did not encounter bedrock.

2.0 SITE HISTORY

2.1 Petroleum Storage History

The site is currently owned by the City of Burlington, and is managed by the Burlington Airport Commission. The airport has been operated since the 1930s, and the present fuel farm site is believed to have been active since at least the 1950s.

The fuel farm site is used for the storage of aviation fuel. Tank registration records obtained from Mr. Robert McEwing, the Airport Engineer, indicate that five petroleum underground storage tanks (USTs) and five petroleum aboveground storage tanks (ASTs) exist on the site. A partially crushed fill pipe for a sixth UST is visible at the surface on the site. No records of this UST were located in State of Vermont files, and no information on the UST

ownership or history was known to airport officials. Records on former tank ownership and history at the site were not available. Figure 2 in Appendix A shows approximate tank locations, and the table below summarizes known information on the tanks. An additional aboveground storage tank, used for storage of deicing fluid, is located in the southern portion of the site. This tank is not shown on the site map.

Petroleum Storage Tanks at Airport Fuel Farm

Identification	Owner	Type	Age	Size	Contents	Status
Innotech #1	Innotech Av.	UST	1962 or 63	10,000 gal	Jet A	Active
Innotech #2	Innotech Av.	UST	1962 or 63	10,000 gal	Jet A	Active
Innotech #3	Innotech Av.	AST	not stated	12,500 gal	Jet A	Active
Innotech #4	Innotech Av.	AST	not stated	12,500 gal	Jet A	Active
Innotech #5	Innotech Av.	AST	1975	10,000 gal	Jet A	Active
Innotech #6	Innotech Av.	UST	1982	10,000 gal	Jet A	Active
Innotech #7	Innotech Av.	UST	1982	10,000 gal	Av Gas	Active
Innotech #8	Innotech Av.	AST	not stated	12,500 gal	Unld Gas	Active
Innotech #9	Innotech Av.	AST	not stated	12,500 gal	Av Gas	Active
Montair #1	Montair	UST	1981 or 82	10,000 gal	Av Gas	Abandoned
Abandoned UST	Unknown	UST	Unknown	Unknown	Unknown	Abandoned
BP #1	British Petrol.	AST	Not Stated	Not Stated	Not Stated	Removed
BP #2	British Petrol.	AST	Not Stated	Not Stated	Not Stated	Removed

As shown in the above table, all of the ASTs and all of the active USTs are owned and operated by Innotech Aviation of South Burlington, Vermont. The USTs and piping systems are reportedly tightness-tested annually, and no failures have been reported. The Innotech #1 and #2 USTs and #3 and #4 ASTs share a common above ground piping system. Montair Flight Service, listed as owner of the abandoned Montair #1 UST, is reportedly out of business. The ASTs owned by British Petroleum were reportedly removed a few years ago. According to Mr. McEwing, the BP ASTs were located above a concrete pad, and the tank owners reported that they had removed all contaminated soils from the area during the tank removal. No report on the removal was available for this investigation.

2.2 Previous Investigation Results

Subsurface petroleum contamination was discovered at the site in August 1993, as part of a Fuel Farm Relocation Study conducted by Campbell & Paris of Chantilly, Virginia in conjunction with Burns and McDonnell of Overland Park, Kansas. Four soil borings were performed at the site, to evaluate whether soil contamination was present. Soil samples were collected at five-foot intervals with a split-spoon sampler. The borings, which were advanced to a depth of 22 feet, encountered sands, with varying amounts of silt, gravel, and fill. Monitoring wells were installed in three of the borings, with screened intervals from 9 to 19 feet below ground surface.

Soil contamination was detected at all of the boring locations, with Total Petroleum Hydrocarbon (TPH) levels ranging from less than 10 to 23,000 parts per million (ppm), and soil vapor levels measured by photoionization detector (PID) ranging from 0.0 to 287 ppm. Ground water contamination was also detected in samples collected from each of the three monitoring wells installed at the site, with TPH levels ranging from 3.0 to 7.0 ppm (although TPH in a duplicate sample was measured at 60 ppm).

3.0 INVESTIGATIVE PROCEDURES AND RESULTS

3.1 Determination of Ground Water Flow Direction and Gradient

On 27 April 1994, ground water in the surficial aquifer at the site was determined to be flowing toward the southwest at an approximate gradient of 0.1%. The unusually low gradient is representative of the flat site topography.

Water table elevations in the monitoring wells were determined by subtracting the measured depth-to-water in each well from a surveyed top-of-casing elevation. All elevations were measured relative to a storm drain rim elevation on an existing map of the site. In the monitoring wells that contained free product, the apparent water-table elevation was corrected to reflect the water-table depression caused by the presence of free product in the well. The low ground water gradient and the presence of nearly one foot of free product in one well may have reduced the accuracy of the flow direction determination. Water and product level measurements and elevation calculations are presented in Table 1 in Appendix A. A ground water contour map (Figure 3) was prepared using this data.

According to the Burns and McDonnell report, soils in the surficial aquifer underlying the site consist of poorly graded fine sand and varying amounts of silt, with minor occurrences of gravel and fill. Such materials typically have hydraulic conductivities of between 20 and 2,000 ft/yr and an effective porosity of approximately 0.2. Assuming Darcian flow, these estimated values, together with the calculated ground water gradient of 0.1%, yield an estimated average ground water flow velocity of between 0.1 and 10 feet per year.

3.2 Ground Water and Product Sampling and Analysis

Ground water sampling and analysis conducted at the site confirmed the presence of floating free-phase petroleum product in monitoring wells MW1 and MW2 and of dissolved petroleum compounds above Vermont drinking water standards in monitoring well MW3. Analysis of a free product sample collected from MW1 and comparison with petroleum products stored at the site indicated that the petroleum product was Jet-A aviation fuel. Results are summarized in Figure 4 of Appendix A. Analytical results for monitoring well MW3 are summarized in the table below. Laboratory report forms are included in Appendix C.

Ground water sampling was conducted on 27 April 1994, and followed GWV's Ground Water Sampling Protocol. In accordance with this protocol, ground water samples were not collected from the wells that contained free product. A free product sample was collected from

monitoring well MW1 for petroleum identification. MW2 did not contain enough free product for sample collection. GWV collected a trip blank water sample to verify proper quality assurance and quality control (QA/QC), as required by the VT DEC. Because only one ground water sample was collected, the VT DEC approved the elimination of duplicate and equipment blank samples.

The water samples were submitted to an analytical laboratory, where they were tested for the volatile petroleum compounds benzene, toluene, ethylbenzene, and xylenes (collectively termed BTEX) and the gasoline additive methyl-tert butyl-ether (MTBE) by EPA Method 8020, and for Total Petroleum Hydrocarbons (TPH) by EPA Method 418.1. Volatile petroleum hydrocarbon compounds were detected in the ground water sample collected from monitoring well MW3. Analytical results for the monitoring well MW3 sample are summarized as follows:

Compound	Concentration	VT Drinking Water Standard
Benzene	BPQL<20 ppb	5 ppb
Toluene	2,090 ppb	1,000 ppb
Ethylbenzene	36 ppb	700 ppb
Xylenes	181 ppb	10,000 ppb
MTBE	BPQL<20 ppb	40 ppb
TPH	37.3 ppm	none

Notes: ppb - parts per billion
ppm - parts per million
BPQL<20 ppb - Below Practical Quantitation Limit of 20 ppb

The BTEX compounds are volatile petroleum hydrocarbons found in all petroleum fuels, although concentrations are typically much higher in gasoline than in other fuels. MTBE is an octane booster that is added only to gasoline; its absence suggests that the released product is not gasoline. TPH is not regulated in drinking water in Vermont, but is used as an indicator of less volatile petroleum compounds. As shown in the table, only the toluene concentration exceeded the Vermont drinking water standard.

Analytical results from the QA/QC sample indicate that adequate QA/QC was maintained during sample collection and analysis. Although toluene was detected in the trip blank at 4 ppb, the measured concentration is approximately three orders of magnitude lower than the toluene concentration reported by the analytical laboratory for the one ground water sample collected, and thus is not considered to invalidate the sample results. Other volatile petroleum compounds and TPH were not detected in the trip blank sample.

The free product sample collected from monitoring well MW1 was analyzed at a laboratory for identification of the petroleum product. The sample's chromatographic signature was compared with reference samples of several petroleum fuels. The laboratory report stated that the sample pattern was "consistent with that of kerosene, No. 1 fuel oil, or Jet-A aviation fuel." Kerosene and No. 1 fuel oil are not reportedly stored at the site; therefore, the product sample collected from monitoring well MW1 is considered to be Jet A aviation fuel.

3.3 Free Product Recovery

Data trends obtained from manual bailing of monitoring well MW1 suggest that there is not a large volume of easily recoverable free product in the vicinity of this well, and that installation of an automated product recovery system is not warranted at this time. The persistence of a thin layer of product after repeated bailing, however, suggests that a passive recovery system such as a filter canister is likely the most cost-effective method for recovery of product that flows to the well.

Of the three monitoring wells at the site, only monitoring well MW1 contained sufficient free-phase petroleum product for recovery by manual bailing. Monitoring well MW1 was bailed weekly for four weeks. Dates, initial and final product thicknesses, and recovered product volume were recorded in a log book. Approximately 1.8 gallons of free-phase petroleum product were recovered from monitoring well MW1 during four weekly bailings.

Product recovery data is presented in Figure 5 of Appendix A, and is summarized here. Initial product thickness in the well dropped quickly, from 0.90 feet prior to the first bailing to 0.38 feet one week later, then appeared to stabilize at 0.3 - 0.4 feet. Final product thickness declined slightly during the bailing. Recovered product volume dropped linearly with each successive bailing effort, declining from 0.75 gallons in the first bailing to 0.2 gallons in the final bailing. The slope of the cumulative recovery curve appears to be declining.

Extrapolation of the identified trends suggests that manual bailing is unlikely to recover a significant volume of free product from monitoring well MW1. Active recovery systems such as automated pumps would also not be likely be cost effective, because the product does not appear to be flowing to the well at a high rate. On the other hand, a passive recovery system such as a filter canister can accumulate product that flows into the well. Filter canister systems typically have a membrane, installed at the product/water interface, that permits petroleum but not water to pass through the membrane into a storage canister. The canister is manually removed on a regular basis and emptied into a storage container at the surface. Such systems are relatively inexpensive (under $1,000), require no electricity or compressed air, and are simple to operate and maintain.

3.4 Soil Gas Survey

The results of a soil gas survey conducted at the fuel farm identified two areas of subsurface petroleum contamination -- one plume in the vicinity of the main fuel-transfer area and an abandoned UST; and a smaller plume near an active gasoline UST and the removed ASTs. The larger plume appears to have resulted principally from spills during fuel transfers from the active USTs and/or ASTs; however, the nearby abandoned UST may be the source of part or all of the contamination. The source of the smaller plume is uncertain; either or both of the nearby fuel storage systems may have been the source of contamination.

Soil gas sample results are tabulated in Table 3 in Appendix A. Sample locations and distribution of total BTX in the soil gas samples are shown in Figure 6 in Appendix A.

The soil gas survey consisted of the installation of stainless-steel probes at 29 locations in the vicinity of the fuel farm. Samples for the soil gas survey were obtained from hollow stainless steel rods, which were generally emplaced at depths of 2.5 feet below ground surface. In a few locations, probes were also driven to deeper depths. Soil gas samples were analyzed on site using a Photovac 10S50 portable gas chromatograph (GC). The GC was calibrated against gas standards for benzene, toluene, ortho-xylene, and meta- and para-xylenes. Equipment blanks and gas standards were run frequently to provide quality assurance and quality control. Standard operating procedures are attached in Appendix B.

3.5 Site Inspection

The site visual inspection consisted of comparison of site features to available records, and observation of ground surfaces for the presence of discoloration, odors, and stressed or absent vegetation. The inspection confirmed the presence and location of all of the tanks that had been reported to be at the site. All of the aboveground tanks appeared to be in good condition, and no staining was observed in the immediate vicinity of these tanks. Stained soils with petroleum odors were noted at several locations beneath aboveground piping that serves the Innotech #1 and #2 USTs. Areas of staining included soils beneath a piping union and beneath a hand pump above UST #2. During the site inspection, product was observed to be dripping from this pump onto the stained area for a short duration (approximately five minutes), at a rate of approximately 3 drips per second.

Several fuel transfer points are located along the eastern edge of the fuel farm, near the edge of pavement (see Figure 2 for approximate locations). The areas immediately beneath the transfer couplings are unpaved. According to a site diagram obtained from the Airport Engineer, the transfer points for all of the Innotech ASTs and Innotech #1 and #2 USTs are located adjacent to one another in a "main" fuel transfer area located immediately to the south of the Innotech #4 AST. Soils underlying the transfer couplings had noticeable petroleum odors, and appeared to be stained with petroleum. An airport operations official indicated that there had been several product releases in this area. None of the releases had apparently been reported to the VT DEC.

4.0 SOURCE AREA DISCUSSION

The results of the investigation suggest that petroleum product has been released from at least two, and possibly at least three source areas. The probable source areas are as follows:

- the main fuel-transfer / abandoned UST area,
- and the Innotech #1 UST and #2 UST area,
- the former BP AST / Innotech #7 UST area.

4.1 Main Fuel Transfer / Abandoned UST Area

The distribution of soil-gas concentrations, the ground water gradient at the site, and the observations of petroleum odors and staining in soils beneath transfer couplings suggest that spills during fuel transfers in the main fuel transfer area are the principal source of soil and ground water contamination in this area. A nearby abandoned UST of unknown history may also be at

least partly responsible for the contaminant plume. The apparent presence of soil-gas contaminants upgradient of the likely source area may indicate additional contributions from the smaller fuel dispensing areas to the north, but may instead represent lateral spreading of contaminants upon reaching the nearly flat water table that underlies the site. The contaminant plume also shows a discernible lengthening in the downgradient direction from the likely source area.

Additional investigation will be necessary to determine the degree and extent of ground water contamination in this area. It is possible that the thin layer of free-phase petroleum product in MW2 represents the downgradient edge of a free-product plume. Observations of petroleum odors and staining in the fuel transfer area suggests that the releases to the subsurface may be continuing.

4.2 Innotech #1 and #2 USTs

The presence of nearly one foot of free product in monitoring well MW1 suggests that a petroleum release has occurred near the well. Because only a thin layer of free product was observed in monitoring well MW2, located upgradient from MW1 and closer to the fuel transfer area, it is likely that the product observed in monitoring well MW1 originated from a source located closer to MW1. Stained soils and a short-duration active leak were noted beneath aboveground piping systems immediately above the Innotech #1 and #2 USTs; personal communication with airport operations officials indicated that several piping leaks have occurred in this system.

Soil-gas results suggest that ground water contaminants have not migrated significantly downgradient from the vicinity of MW1. Additional monitoring wells will be needed in this area to determine the extent of contaminant migration downgradient of MW1. Observations of an active piping leak, and petroleum odors and staining in soils beneath several sections of the piping system suggest that occasional releases may be continuing.

4.3 Former BP AST Locations and Innotech #7 UST

A smaller soil-gas plume with an apparently separate source was identified in the area between the former BP ASTs and the active Innotech #7 UST. One sampling location (VP1) in this area had detectable concentrations of petroleum compounds in the soil gas. This area is upgradient from the larger soil-gas plume, and is separated by soil-gas sampling locations in which no contaminants were detected. Dissolved petroleum compounds were detected in a ground water sample collected from the monitoring well located in this area (MW3); toluene was the only compound detected above Vermont drinking water standards.

The source of contamination in this area was not determined; the most likely sources are the removed BP USTs and the active Innotech UST #7. Additional monitoring wells in this area are needed to determine the source, degree and extent of contamination.

5.0 RECEPTOR SURVEY AND RISK ASSESSMENT

Potential receptors identified during this investigation include the airport building, the airport control tower, and an unnamed tributary to Potash Brook. No drinking water supply wells were identified within one-half mile of the site. The identified contamination does not appear to pose a significant risk to any of these receptors.

During this investigation, GWV conducted a survey of the area surrounding the site to identify potential sensitive receptors of the contamination. The nearest downgradient surface drainage is an unnamed tributary of Potash Brook, approximately one-half mile south of the site. The nearest downgradient building is the airport terminal building, located approximately 100 feet south of the fuel farm's southern boundary.

On the basis of the findings reached during this investigation, GWV has qualitatively evaluated the risks that the contamination at the site poses to these potential receptors. Jet-A fuel and aviation gasoline contain several compounds that are hazardous to human and animal health, including one (benzene) that is listed by the U.S. Environmental Protection Agency (EPA) as a known human carcinogen. The most common routes of exposure include ingestion of compounds that have migrated to drinking water supplies and inhalation of vapors that have migrated into buildings.

The risk of ingestion of petroleum compounds that have migrated to drinking water supplies does not appear to be significant. All properties within one-half mile of the site are reportedly served by the Champlain Water District, which obtains drinking water from Lake Champlain.

The risk of petroleum vapor inhalation also does not appear to be significant. The airport terminal building is the only building within 1,000 feet downgradient from the fuel farm. The terminal is reportedly constructed on a concrete slab, and does not have a basement. No underground utilities are known to pass through the area of known contamination directly into the terminal building. Vapor migration into the building is thus considered unlikely.

Ground water that flows through the surficial aquifer past the site will eventually discharge to a surface water body. Because petroleum compounds can also impact surface water bodies and water-dwelling organisms, the risk to nearby streams was assessed. The unnamed Potash Creek tributary located approximately one-half mile southwest of the site is considered to be the most likely discharge point. The distance between the site and the creek, together with the expected low ground water flow velocities, suggest that the natural processes of adsorption, dilution, dispersion, and degradation will reduce petroleum compound concentrations in ground water to below detectable levels prior to discharge to this or any other surface water body.

6.0 CONCLUSIONS

On the basis of the above-described investigation, Ground Water of Vermont has concluded the following:

1. The degree and extent of petroleum contamination at the site has been evaluated with a soil-gas survey. Two soil-gas contaminant plumes are suggested by the data-- a larger plume located in the vicinity of as well as downgradient from the main fuel transfer area and an abandoned UST of unknown history, and a smaller isolated area of contamination between the former BP AST locations and the Innotech #7 UST.

2. Monitoring results from the existing monitoring wells confirm that ground water beneath the site has been impacted by petroleum compounds. On 27 April 1994, free-phase petroleum product was measured in monitoring wells MW1 (0.90 feet) and MW2 (0.04 feet). Laboratory analysis of a ground water sample collected from monitoring well MW3 indicated the presence of dissolved petroleum compounds, with toluene present above Vermont drinking water standards.

3. The degree and extent of ground water contamination at the site has not been adequately evaluated. The contamination detected in the three existing monitoring wells may have originated from at least three separate sources. Results of the soil-gas survey suggest that ground water contamination is largely confined to the vicinity of the fuel farm, however.

4. Laboratory analysis of a free-product sample collected from monitoring well MW1, and comparison of the results to petroleum products reportedly stored at the site, indicate that the product is Jet A fuel. The thin layer of petroleum product observed in monitoring well MW2 appeared to be the same type of product, but was not present in sufficient thickness for sample collection.

5. Approximately 1.8 gallons of free-phase petroleum product were recovered from monitoring well MW1 during four weekly bailings. Data trends suggest that there is not a large volume of easily recoverable product in the vicinity of this well.

6. The surficial aquifer at the site consists of fine sand and varying amounts of silt, with minor occurrences of gravel. Ground water in this aquifer was measured to be flowing toward the southwest at a gradient of approximately 0.1%. The presence of free product in two of the three monitoring wells may have interfered with the accurate determination of flow direction, however. The low ground water gradient is due to the topographic location of the site in a broad, flat topographic high area.

7. The results of the investigation indicate that there have been releases of petroleum to the subsurface at the site, possibly from three or more separate locations. The principal source areas identified during this investigation include the main fuel transfer/abandoned UST area; the Innotech #1 and #2 UST area; and the former BP AST and Innotech #7 UST area.

8. The principal contaminant source in the main fuel transfer/abandoned UST area appears to be occasional spills during fuel transfers to one or more of the following tanks: Innotech #1 and #2 UST; Innotech #3 #4, #8, and #9 AST, but the nearby abandoned UST may

also be responsible for part or all of the identified contamination. The soil-gas results and the presence of free product in monitoring well MW2 downgradient from the source area suggest that a significant contaminant mass exists in soil and ground water beneath this area.

9. The principal contaminant source in the Innotech #1 and #2 UST areas appears to be occasional releases from aboveground piping that serves these systems. The presence of 0.90 feet of jet fuel in monitoring well MW1 suggests that a free-product plume may have originated from this source.

10. The principal contaminant source in the northwestern part of the site was not determined. The former BP ASTs and the active Innotech #7 UST are the most likely sources.

11. Reported leaks in the aboveground piping system serving the Innotech #1 and #2 USTs and the lack of spill containment systems in the fuel transfer areas represent continuing threats of petroleum releases to the subsurface at the site.

12. The existing soil and ground water contamination at the site does not appear to pose a significant threat to any nearby identified sensitive receptors.

7.0 RECOMMENDATIONS

On the basis of the findings reached during this investigation, Ground Water of Vermont makes the following recommendations:

1. Additional ground water monitoring wells should be installed and sampled for dissolved and free-phase petroleum compounds, to define the source(s), degree and extent of ground water and/or free-phase product contamination resulting from each of the three apparent source areas and to confirm the ground water flow direction. Results of the additional monitoring can then be used to determine whether a Corrective Action Feasibility Investigation is warranted

2. As required by Vermont regulations, free product in monitoring well MW1 should be recovered, stored at the surface, then disposed of as hazardous waste. Because the product is considered to be hazardous waste recovered at a "hazardous waste site," the product removal should be performed by personnel who have received training as specified in OSHA 1910.120 (the Hazardous Waste Operations and Emergency Response, or HAZWOPER, standard). This requirement was recently verified by personnel from the Vermont Occupational Safety and Health Administration (VOSHA). It is likely that the most cost-effective recovery method for this well will be installation and operation of a passive recovery system such as a filter canister. Such systems are relatively inexpensive (<$1,000), and are simple to install, operate, and maintain. Accumulated product can be quickly removed and transferred to an aboveground storage container on a regular basis.

3. Water levels and product thicknesses in monitoring wells MW2 and MW3 should also be monitored regularly. If free product is found to be present in either well in a thickness greater than 1/8', the product should be removed and handled similarly to the product recovered from MW1. On the basis of existing data that indicate no product in MW3 and

only 0.02 to 0.04 feet of product in MW2, it appears that manual bailing will be the most cost-effective recovery method for these wells.

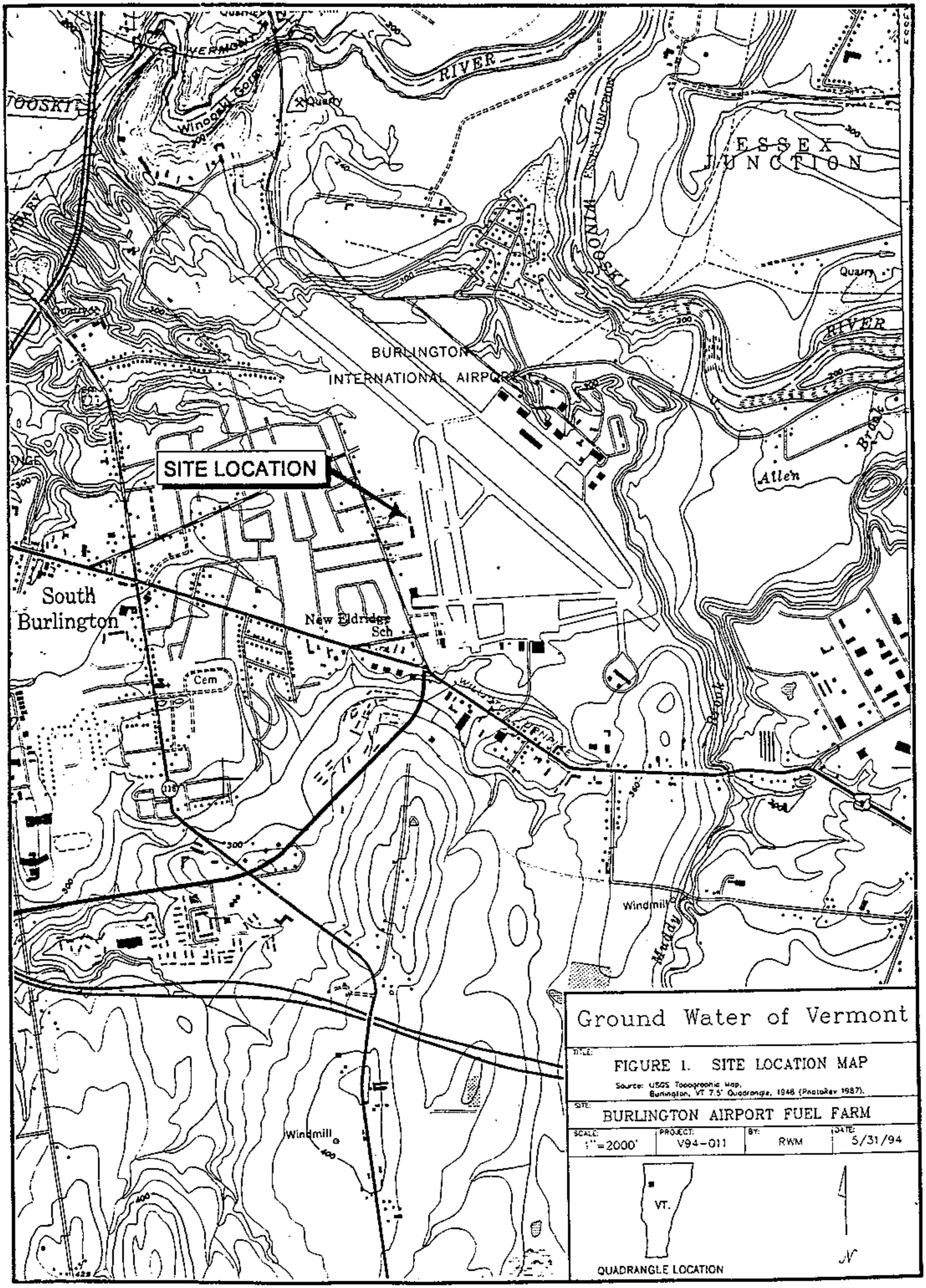
4. The two abandoned USTs at the site should be permanently closed in accordance with State regulations.

5. Compliance of current fuel handling practices with State and Federal regulations should be verified.

6. Suspected and confirmed product releases from any UST system, including spills or overfills that result in product releases in excess of two gallons, should be reported to the VT DEC, in accordance with Subchapter 6 of the Vermont UST regulations.

APPENDIX A

Figures and Tables



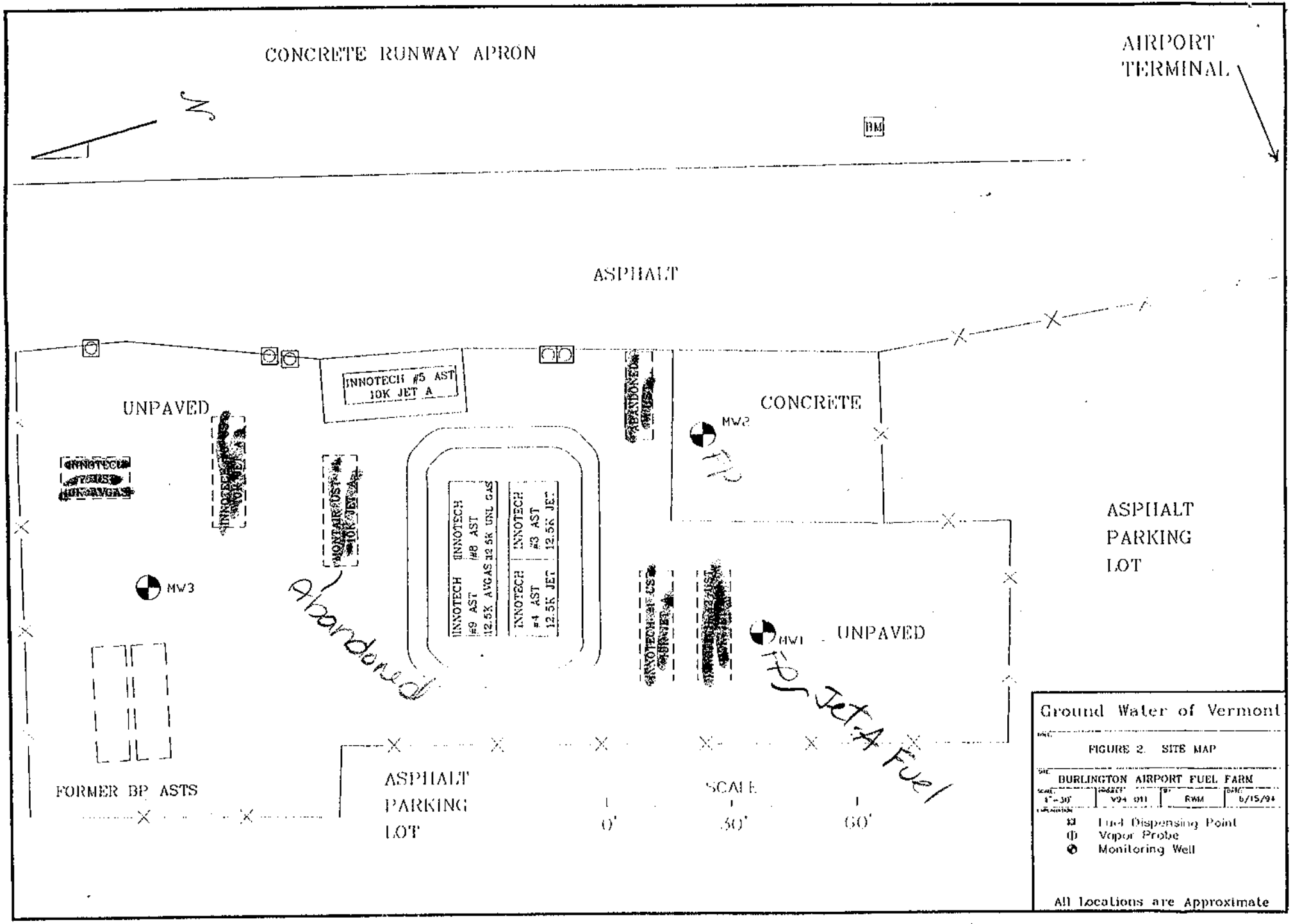
Ground Water of Vermont

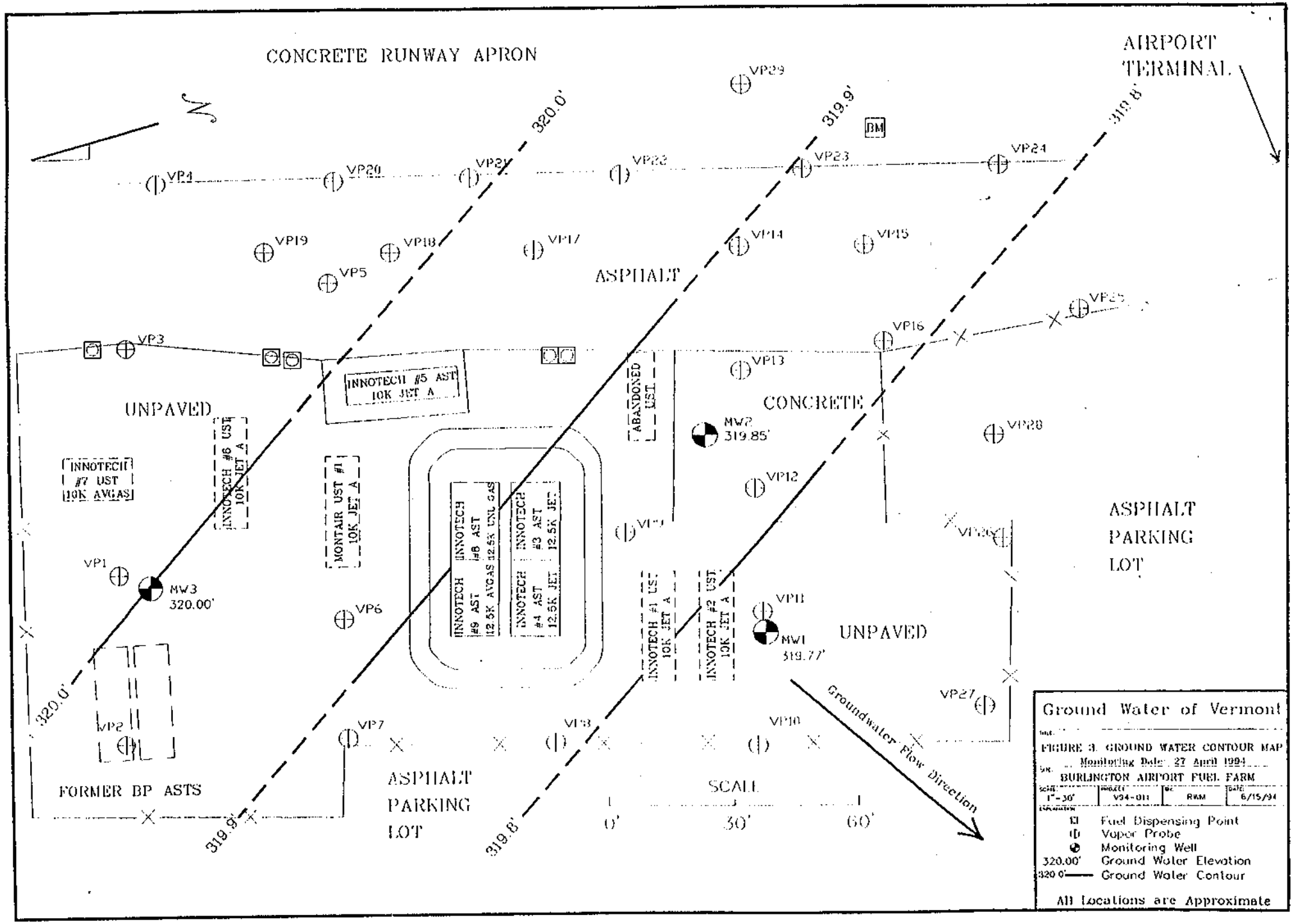
TITLE: FIGURE 1. SITE LOCATION MAP

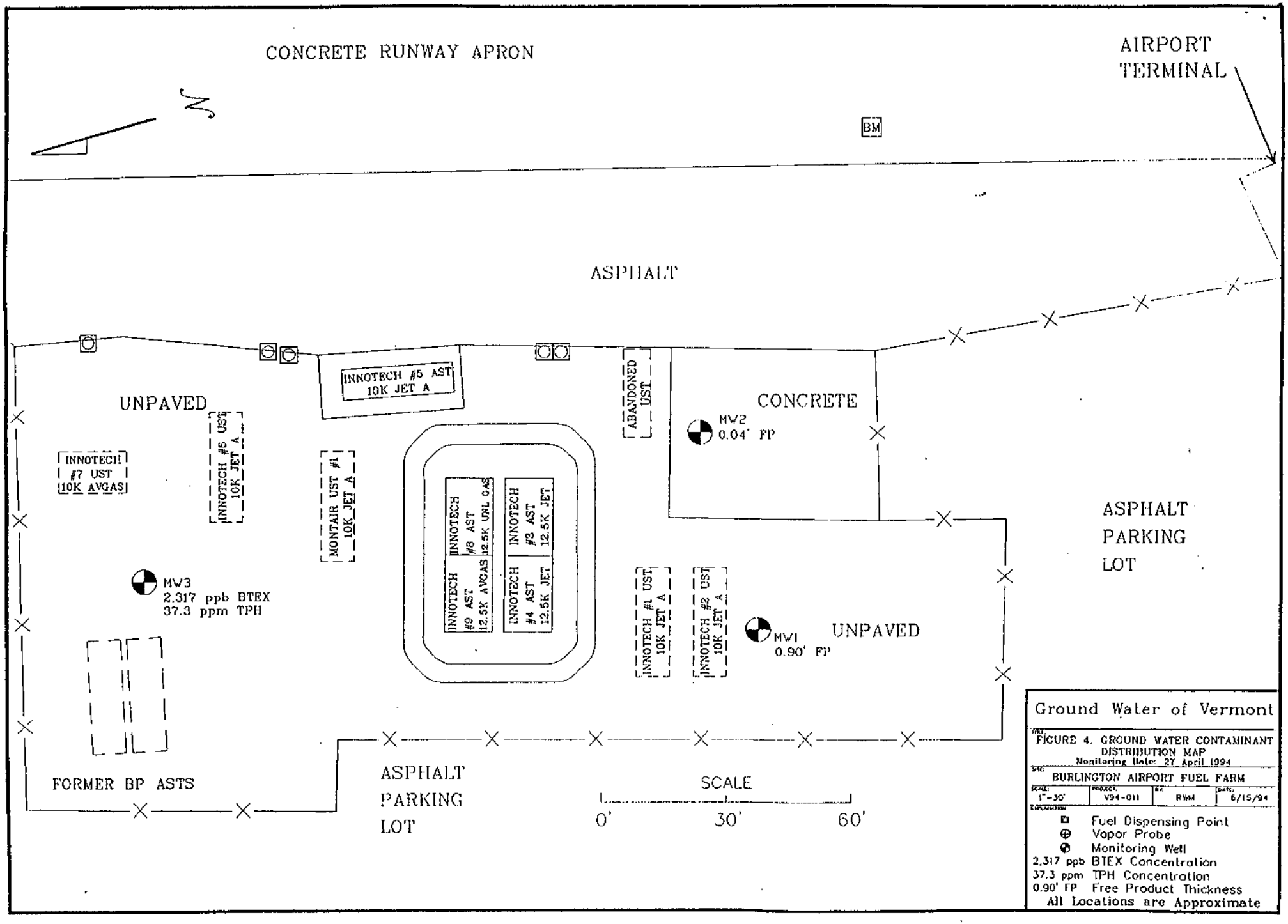
Source: USGS Topographic Map, Burlington, VT 7.5' Quadrangle, 1948 (PhotoRev 1987).

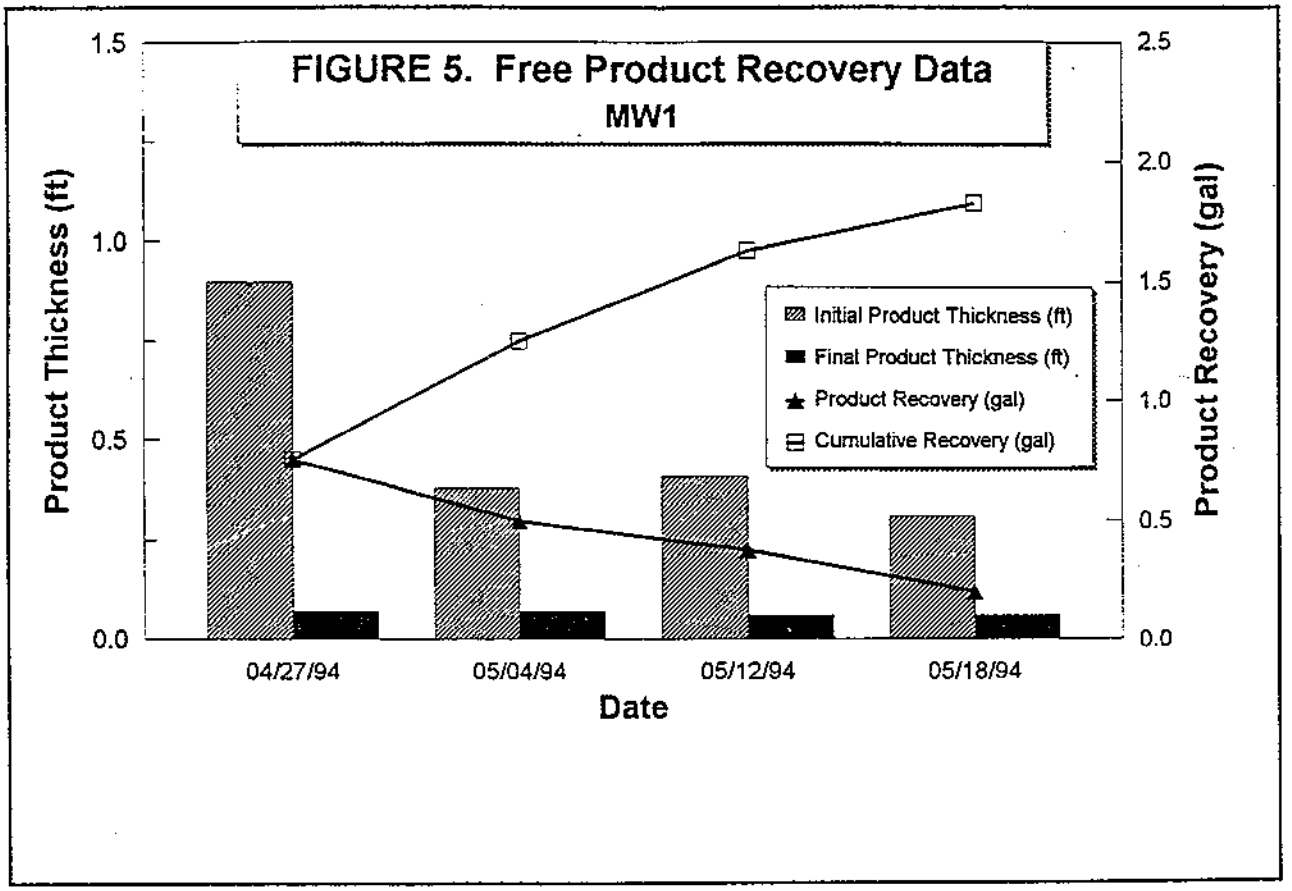
SITE: BURLINGTON AIRPORT FUEL FARM

SCALE:	PROJECT:	BY:	DATE:
1"=2000'	V94-011	RWM	5/31/94


CONCRETE RUNWAY APRON
AIRPORT TERMINAL
N
BM
ASPHALT
UNPAVED
INNOTECH #5 AST 10K JET A
CONCRETE
MW2
FP
ASPHALT PARKING LOT
INNOTECH #8 AST 12.5K AVGAS
INNOTECH #9 AST 12.5K UNL GAS
INNOTECH #3 AST 12.5K JET
INNOTECH #4 AST 12.5K JET
MW3
Abandoned
MW1
UNPAVED
FP Jet A Fuel
FORMER BP ASTS
ASPHALT PARKING LOT
SCALE
0'
30'
60'
Ground Water of Vermont
FIGURE 2. SITE MAP
BURLINGTON AIRPORT FUEL FARM
1"=30'
V94-011
RWM
6/15/94
Fuel Dispensing Point
Vapor Probe
Monitoring Well
All locations are Approximate


CONCRETE RUNWAY APRON
AIRPORT TERMINAL
N
320.0'
319.9'
319.8'
VP29
VP4
VP20
VP21
VP22
VP23
VP24
BM
VP19
VP18
VP17
VP5
ASPHALT
VP14
VP15
VP25
VP3
VP16
INNOTECH #5 AST 10K JET A
ABANDONED UST
VP13
UNPAVED
CONCRETE
MW2 319.85'
VP28
INNOTECH #7 UST 10K AVGAS
INNOTECH #6 UST 10K JET A
MONTAIR UST #1 10K JET A
VP12
ASPHALT PARKING LOT
VP1
MW3 320.00'
INNOTECH #8 AST 12.5K AVGAS
INNOTECH #9 AST 12.5K AVGAS
INNOTECH #3 AST 12.5K JET
INNOTECH #4 AST 12.5K JET
VP6
VP26
INNOTECH #1 UST 10K JET A
INNOTECH #2 UST 10K JET A
VP11
MW1 319.77'
UNPAVED
VP27
VP2
VP7
VP8
VP10
Groundwater Flow Direction
FORMER BP ASTS
ASPHALT PARKING LOT
SCALE
0'
30'
60'
Ground Water of Vermont
FIGURE 3. GROUND WATER CONTOUR MAP
Monitoring Date: 27 April 1994
BURLINGTON AIRPORT FUEL FARM
SCALE: 1"=30'
PROJECT: V94-011
BY: RWM
DATE: 6/15/94
Fuel Dispensing Point
Vapor Probe
Monitoring Well
320.00' Ground Water Elevation
320.0' Ground Water Contour
All Locations are Approximate


CONCRETE RUNWAY APRON
AIRPORT TERMINAL
N
BM
ASPHALT
UNPAVED
INNOTECH #5 AST 10K JET A
ABANDONED UST
CONCRETE
MW2 0.04' FP
INNOTECH #7 UST 10K AVGAS
INNOTECH #6 UST 10K JET A
MONTAIR UST #1 10K JET A
INNOTECH #9 AST 12.5K AVGAS
INNOTECH #8 AST 12.5K UNL GAS
INNOTECH #4 AST 12.5K JET
INNOTECH #3 AST 12.5K JET
ASPHALT PARKING LOT
MW3 2,317 ppb BTEX 37.3 ppm TPH
INNOTECH #1 UST 10K JET A
INNOTECH #2 UST 10K JET A
MW1 0.90' FP
UNPAVED
FORMER BP ASTS
ASPHALT PARKING LOT
SCALE
0' 30' 60'
Ground Water of Vermont
FIGURE 4. GROUND WATER CONTAMINANT DISTRIBUTION MAP
Monitoring Date: 27 April 1994
BURLINGTON AIRPORT FUEL FARM
SCALE: 1"=30'
PROJECT: V94-011
BY: RWM
DATE: 6/15/94
EXPLANATION
Fuel Dispensing Point
Vapor Probe
Monitoring Well
2,317 ppb BTEX Concentration
37.3 ppm TPH Concentration
0.90' FP Free Product Thickness
All Locations are Approximate



Free Product Recovery Data - MW1

Date	Initial Product Thickness (ft)	Final Product Thickness (ft)	Product Recovery (gal)	Cumulative Recovery (gal)
04/27/94	0.90	0.07	0.75	0.75
05/04/94	0.38	0.07	0.50	1.25
05/12/94	0.41	0.06	0.38	1.63
05/18/94	0.31	0.06	0.20	1.83

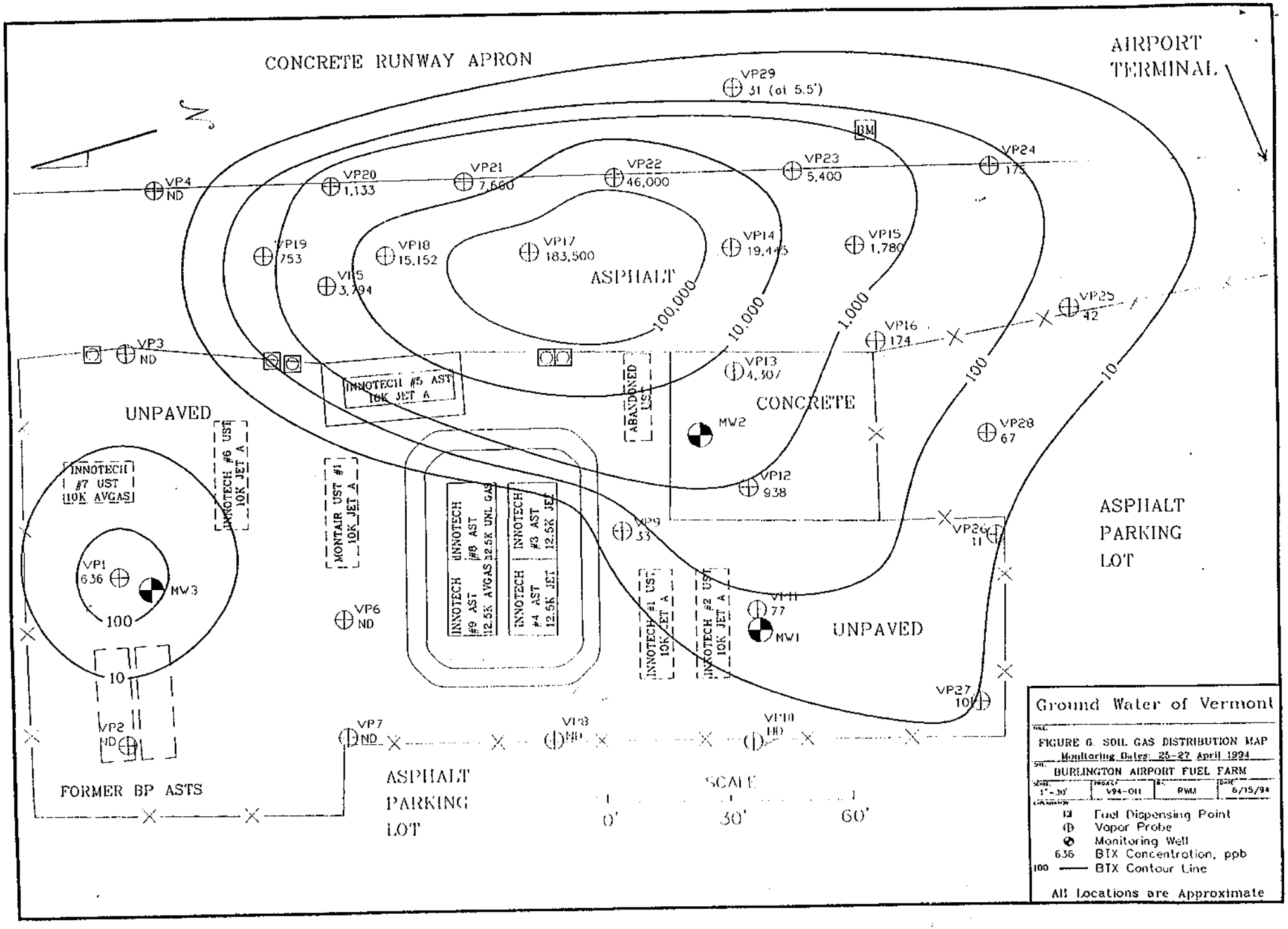

CONCRETE RUNWAY APRON
AIRPORT TERMINAL
N
VP29 31 (at 5.5')
VP4 ND
VP20 1,133
VP21 7,660
VP22 46,000
VP23 5,400
VP24 175
DM
VP19 753
VP18 15,152
VP17 183,500
VP14 19,445
VP15 1,780
VP5 3,794
ASPHALT
100,000
10,000
1,000
100
10
VP25 42
VP16 174
VP3 ND
VP13 4,307
INNOTECH #5 AST 10K JET A
ABANDONED UST
CONCRETE
MW2
VP28 67
UNPAVED
INNOTECH #6 UST 10K JET A
INNOTECH #7 UST 10K AVGAS
MONTAIR UST #1 10K JET A
VP12 938
INNOTECH #9 AST 12.5K AVGAS
INNOTECH #8 AST 12.5K UNL GAS
INNOTECH #3 AST 12.5K JET
INNOTECH #4 AST 12.5K JET
VP9 33
VP26 11
ASPHALT PARKING LOT
VP1 636
MW3
100
10
VP6 ND
INNOTECH #1 UST 10K JET A
INNOTECH #2 UST 10K JET A
VP11 77
MW1
UNPAVED
VP27 10
VP2 ND
VP7 ND
VP8 ND
VP10 ND
FORMER BP ASTS
ASPHALT PARKING LOT
SCALE
0'
30'
60'
Ground Water of Vermont
FIGURE 6. SOIL GAS DISTRIBUTION MAP
Monitoring Dates: 25-27 April 1994
BURLINGTON AIRPORT FUEL FARM
1" = 30'
V94-011
RWM
6/15/94
Fuel Dispensing Point
Vapor Probe
Monitoring Well
636 BTX Concentration, ppb
100 BTX Contour Line
All Locations are Approximate

Table 1. Liquid Level Elevations

Burlington Airport Fuel Farm
South Burlington, Vermont

Monitoring Date: 27 April 1994

Well I.D.	Well Depth	Top of Casing Elevation	Depth To Product	Depth To Water	Product Thickness	Specific Gravity Of Product	Water Equivalent	Corrected Depth To Water	Corrected Water Table Elevation
MW-1	19'	331.83	11.88	12.78	0.90	0.80	0.72	12.06	319.77
MW-2	19'	331.94	12.08	12.12	0.04	0.80	0.03	12.09	319.85
MW-3	19'	332.02	-	12.02				12.02	320.00

TABLE 2. Soil Gas Results
Burlington Airport Fuel Farm
25 - 27 April 1994

Sample #	Depth (ft)	Benzene (ppb)	Toluene (ppb)	M,P Xylene (ppb)	O Xylene (ppb)	Total BTX (ppb)
VP1	2.5	61	575			636
VP1	5.5	109	808			917
VP1	8.0	87	679			766
VP2	2.5					ND
VP3	2.5					ND
VP4	2.5					ND
VP5	2.5	654	3,140			3,794
VP6	2.5					ND
VP7	2.5					ND
VP8	2.5					ND
VP9	2.5	ND	33			33
VP10	2.5					ND
VP11	2.5	32	45			77
VP11	5.5					ND
VP12	2.5	93	664		181	938
VP13	2.5	417	3,890			4,307
VP14	2.5	2,390	16,970		85	19,445
VP15	2.5	386	1,180	214		1,780
VP16	2.5	44	130			174
VP17	2.5	26,700	156,800			183,500
VP18	2.5	3,550	11,530	72		15,152
VP19	2.5	165	588			753
VP20	2.5	207	926			1,133
VP21	2.5		7,600			7,600
VP22	2.5		46,000			46,000
VP23	2.5		5,400			5,400
VP24	2.5		175			175
VP25	2.5	25	17			42
VP26	2.5		11			11
VP27	2.5		10			10
VP28	2.5	55	12			67
VP29	5.5		31			31

Notes: ppb - parts per billion
Equipment blanks analyzed after approximately every five samples.
All equipment blank results were below detection limits.

APPENDIX B

Soil Gas Sampling Protocols

Ground Water, Inc.
Standard Protocol
FSPRO-3

Revision Date: November 19, 1992

Soil Gas Sampling

A. Applicability: This method is used to detect volatile organic hydrocarbons (VOC's) in the soil gas by sampling temporary and permanent vapor probes. Permanent vapor probes allow repetative vapor sampling at fixed points. Temporary probes provide rapid assessment of plume dimensions and migration direction.

B. Equipment

1. Soil Gas Probes: Environmental Instruments Inc. 2.5 ft. hollow stainless steel lengths with slam bar and threaded rod connections.

2. Plastic Tubing: Various types.

3. Low Flow Sampling Pump: Various models used: Small, hand-held, battery-operated, diaphram pump with maximum flow rate of 2.2 liters per minute.

4. Hand-held below pumps: various sizes/models used.

5. Low Flow Rotometer: Brooks Instruments "Show Rate" Model: maximum flowrate of 4.6 liters per minute.

6. Tedlar Bags: SKC Inc.: 1 liter tedlar sampling bags

7. Gas Sampling Bulbs: Supelco 250 ml to l volume with air tight gas stop-cocks.

8. Volumetric Syringes: Hamilton Inc: various sizes and models used from 1ul to 1ml in size. Both Teflon and steel plunger models used.

9. Photoionization Detector: Photovac Inc. TIP II: equipped with 10.2 eV photoionization lamp.

10. Portable Gas Chromatograph: Photovac Inc. 10S50: set-up with dual column configuration including 1.) 1 ft. CSP 20 column used for gross hydrocarbon screening and 2.) 32.4 ft. CPSIL 5 capillary column used for analytical work and compound identification. The chromatograph is equipped with a 10.2 eV photoionization lamp. The column is heated by an isothermal oven with temperature settings between 20 and 50 degrees C. Ultra Zero grade air is used as carrier gas.

11. Brass T-fitting: brass fitting with one end threaded to match soil gas probes, one threaded with a nipple hose connector and one fitted with a teflon septa for syringe sampling.

C. Permanent Probes: Permanent Probes are installed by hollow stem auger drill rig method. Wells consist of a one foot long section of 1.5" diameter slotted PVC followed by the necessary amounts of 1/2" diameter schedule 40 riser to bring the vapor well to grade. Teflon tubing is attached to the screen with brass fittings and runs the length of the riser to the surface. #2 sand is placed against the screen and benseal is used to seal the probe inlet from the surface. The probe is protected with standard curb stop or locking cap well protectors.

D. Temporary Probes: Temporary probes consist of hollow sections of hardened stainless steel tubing which are threaded to a hardened point. A slotted 6 inch screen section is attached directly to the hardend point allowing access to the soil gas. These sections are driven into the ground using a slam bar. An electric drill is sometimes used to puncture asphalt and concrete. Once at the desired depth (usually between 3 and 5 feet although deeper sampling is possible in favorable field conditions) the probes are ready for sampling.

E. Sampling: A low flow pump or a hand pump is used for sampling (approximately 2 liter/min.). This pump is attached through the Tee fitting the probe with flexible tubing. The pump is used to purge approximately 1 liter of air from the probe and fill the probe with ambient soil gas. Since the probe has an internal volume of approximately 100 ml/rod, this purging will adequately recharge the probe. During purging, the flow rate and vacum can be determined using a low flow rotometers and vacuum gauges to evaluate soil permiability between sampling points. The pump outlet is then connected to 1 liter Telar sample bags or to a sample bulb which are filled for approximately 45 sec. to 1 min. The Telar bags or bulbs are then sealed and analyzed. Alternatively, samples can be obtained with air tight syringes at the teflon septa port of the tee fitting for direct injection into the GC.

F. Analysis: Two instruments are typically used for analysis (although the bags can also be submitted to a laboratory for more precise analysis): The Photovac 10S50 portable gas chromatograph and the Photovac "TIP" photoionization detector. The "TIP" is calibrated to 100 ppm Isobutylene and zeroed before soil gas samples are read. The Photovac 10S50 portable gas chromatograph is calibrated by preparing a specific standard in a 1 liter Tedlar Bag using the following formula:

$$V = \frac{760}{VP}\ (C)(vol)$$

where:

v = volume of headspace over pure standard (in ul)
VP = standard's vapor pressure (in mm Hg)
C = desired concentration (in ppm)
vol = container volume (1 liter for Tedlar bags)

The instrument is calibrated by injecting volumes of vapor standard into the chromatograph using various sized syringes. Compounds are identified by their rentention times in the columns. Concentrations are determined by the area under each chromatograph peak. The gas chromatograph keeps retention times constant by maintaining the column oven at a constant 40 degrees C and carrier gas flow rates of a constant 10 mls per minute. These settings can be varied slightly for specific monitoring jobs. Manufactured calibration gases (typically obtained from Scott Gases or National Air Gas) are sometimes used when analyzing for specific solvent mixtures and gasoline.

Samples are analyzed in the same fashion. Before injection, each bag/sample is analzed with the photoionization detector to gauge the sample's concentration. This can also be accomplished by using the 1 ft. screening column. Syringes are used to inject sample volumes from the Tedlar bags into the gas chromatograph. The chromatograph uses a computer to compare retention times and peak areas to standards so that unknown compounds can be identified and concentrations determined. Experience has shown that detection limits for common volatile compounds are approximately 1 ppb V.

G. <u>QA/QCs</u>

1. Tedlar bags and Sampling Bulbs - All Tedlar bags are purged with three air volumes prior to sampling. Prior to analysis, each bag is filled with ambient air and analyzed on the photo ionization detector. No bag with readings above one ppm relative to a 100ppm iobutylene standard is used. Following sampling and analysis, each bag is quickly evacuated to prevent adsorbtion of contaminants. Clean bags are kept separate from used bags at all times. Each bag is numbered and each sample location # is recorded with its corresponding bag #, and the sample results. Bag blanks are not analyzed when sampling with the direct injection method.

2. Blanks - The bag # and the results of bag blanks are recorded along with the other sample results. Blanks are also be taken through the soil gas sampler to check on cross contamination. One bag blank and one equipment blank are analyzed for every ten sample locations. One bag blank will be run before calibration to check on the completeness of bag purging.

3. Reporting - Sample results are compiled in a table which records the following data: Sample #, location, injection size, gain (sensitivity), and response. Calibration runs will be identified by the electrical response of the detector to a standard. Samples are quantified by comparing their electical

responses relative to the standard. Chromatograms are included as an appendix to the report.

4. Decontamination - portable probes are cleaned with a methanol/water mix followed by a deionized water rinse between each sampling location. The low flow pump is run continuously during the field work to constantly flush the pumping diaphram with ambient air.

APPENDIX C

Laboratory Report Forms

CLIENT NAME:	Groundwater of Vermont	MAV CONTROL NO.:	8797
ADDRESS:	One Mill Street Box C-5 Burlington, VT 05401	PROJECT NO.:	V94-011
SAMPLE LOCATION:	Burlington Airport Fuel Farm	DATE OF SAMPLE:	4/27/94
SAMPLER:	Ron Miller	DATE OF RECEIPT:	5/2/94
		DATE OF ANALYSIS:	5/12/94
ATTENTION:	Ron Miller	DATE OF REPORT:	5/23/94

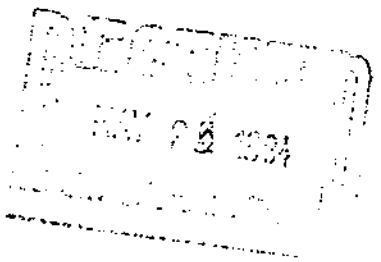
PETROLEUM PRODUCT IDENTIFICATION

A semivolatile organic compound analytical method was developed with the objective of facilitating the discrimination of common petroleum products. A brief outline of this procedure follows:

- Dilute neat sample 1:200 in CS_2
- Inject 2 microliters of diluted sample into split injection port of GC with DB-5 capillary column. Injection temperature = 40°C, hold 1 minute. Temperature program = 10°C/min to 320°C. Detector is Ion Trap GC/MS tuned for DFTPP.
- From the full mass spectral data obtained for every scan in the chromatogram, the mass spectral data are displayed in the form of selected ion chromatograms. These selected ion chromatograms along with the total ion chromatogram (TIC) are presented in a stacked form with time or scans as the common axis. The selected ions are grouped together to be specific for the following classes of hydrocarbon compounds: (a) alkanes (aliphatics), (b) olefins and cyclic alkanes, (c) benzene, (d) alkylbenzenes, (e) alkylnaphthalenes, and (f) alkylanthracenes.
- The resulting compound class-specific chromatographic patterns are compared to those obtained from reference petroleum products such as gasoline, kerosene, and No. 2 fuel oil.

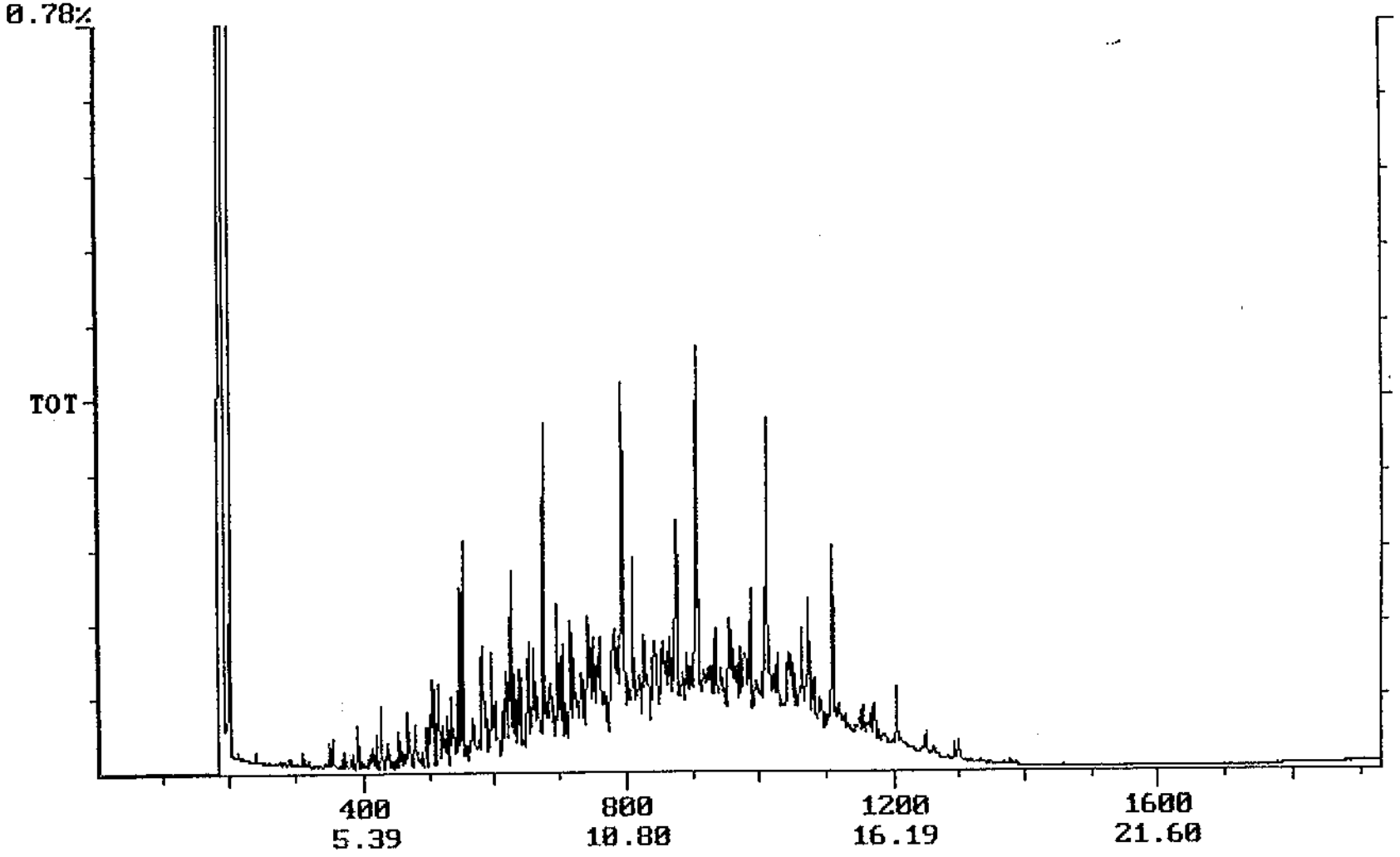
RESULT:

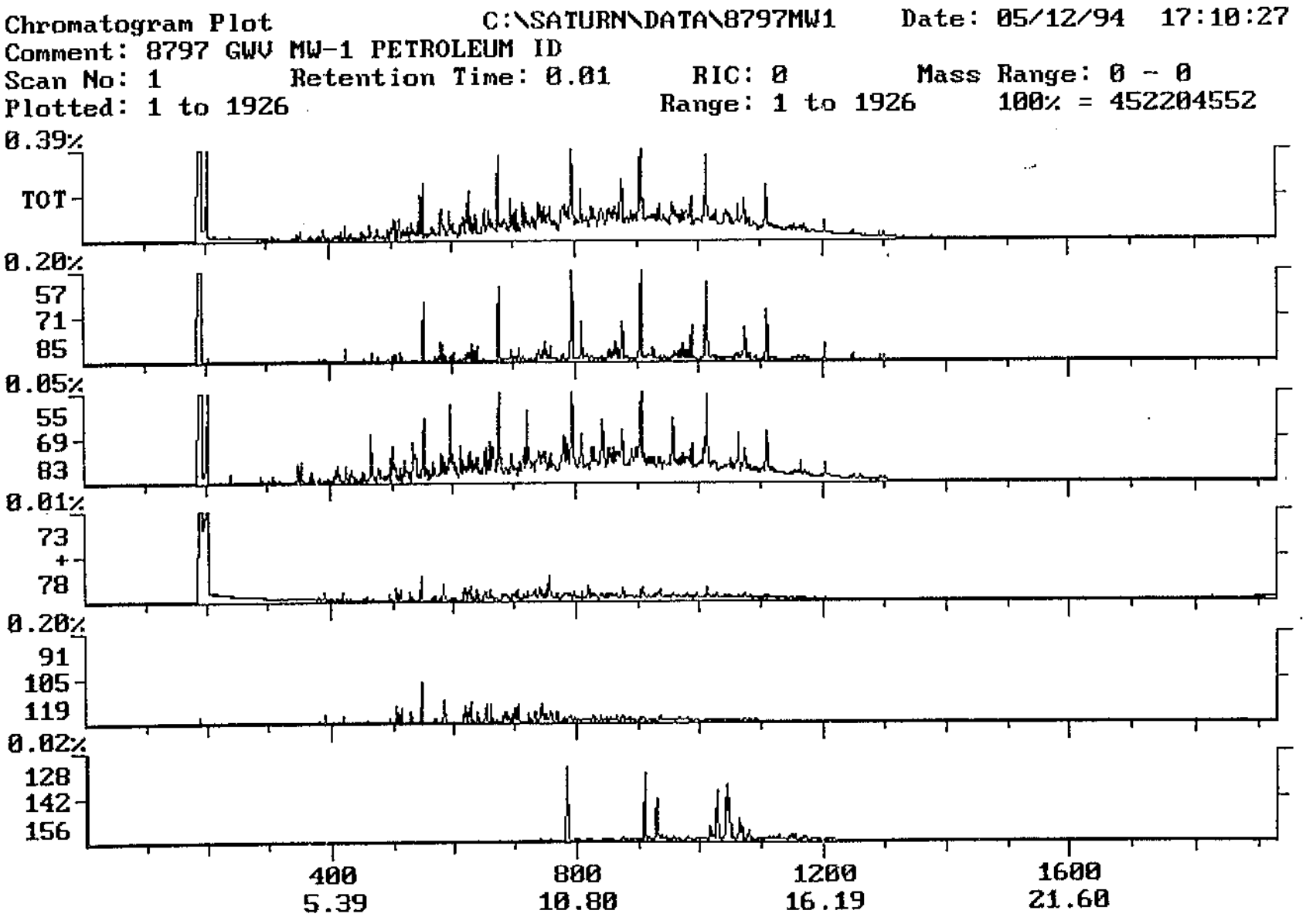
The free product of Sample MW-1 produced a chromatographic pattern consistent with that of kerosene, No. 1 fuel oil, or Jet- A aviation fuel.



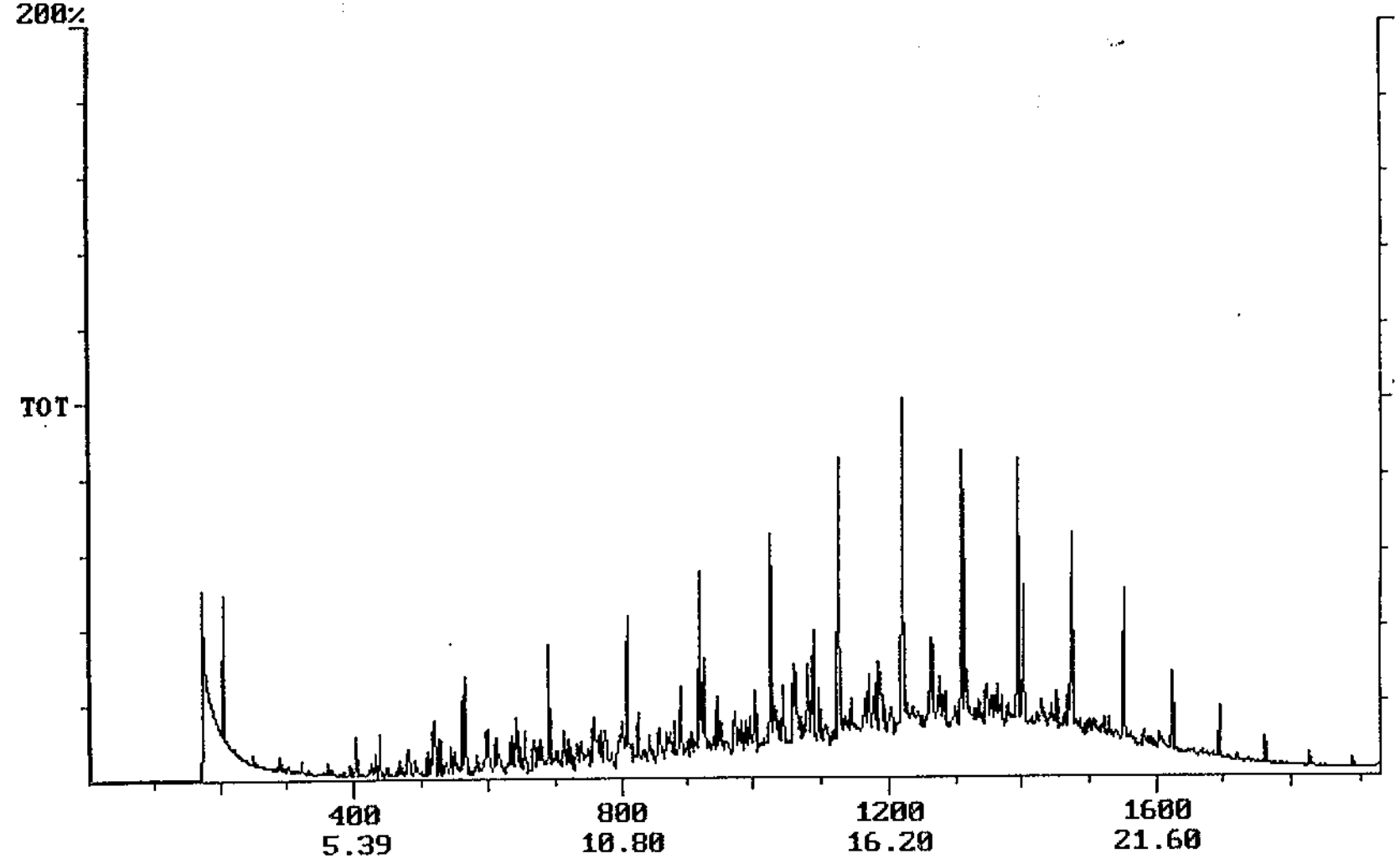
Brendan McMahon, Ph.D.
Director, Chemical Services

Chromatogram Plot C:\SATURN\DATA\8797MW1 Date: 05/12/94 17:10:27
Comment: 8797 GWV MW-1 PETROLEUM ID
Scan No: 1 Retention Time: 0.01 RIC: 0 2 ass Range: 0 - 0
Plotted: 1 to 1926 Range: 1 to 1926 100% = 452204552

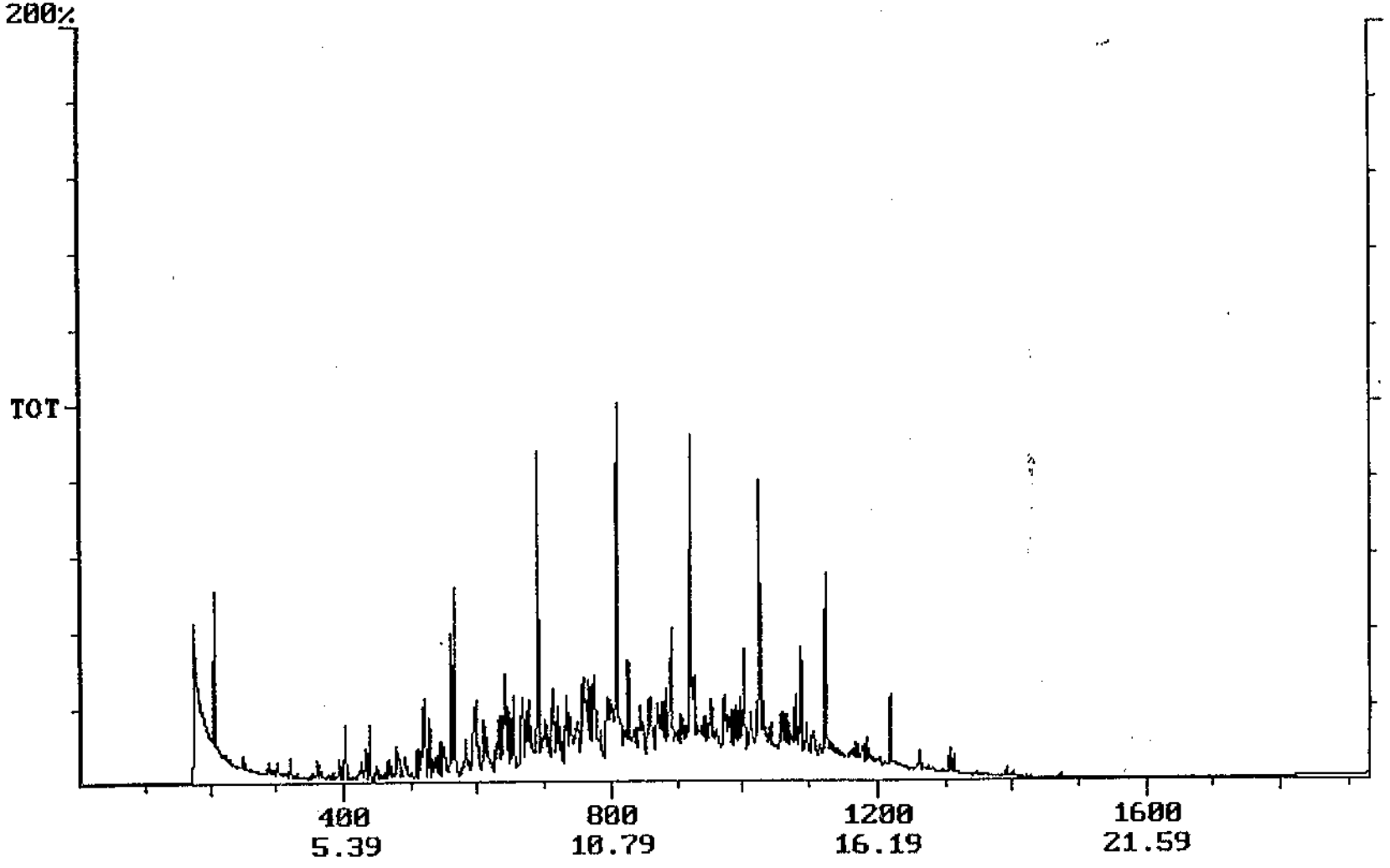



Chromatogram Plot C:\SATURN\DATA\8797MW1 Date: 05/12/94 17:10:27
Comment: 8797 GWV MW-1 PETROLEUM ID
Scan No: 1 Retention Time: 0.01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1926 Range: 1 to 1926 100% = 452204552
0.39%
TOT
0.20%
57
71
85
0.05%
55
69
83
0.01%
73
78
0.20%
91
105
119
0.02%
128
142
156
400
5.39
800
10.80
1200
16.19
1600
21.60

Chromatogram Plot C:\SATURN\DATA\STD_#2FU Date: 10/31/93 12:22:03
Comment: #2 FUEL OIL/DIESEL STD 1:200 IN CS2 (2UL INJ)
Scan No: 1 Retention Time: 0.01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1925 Range: 1 to 1925 100% = 860617



Chromatogram Plot C:\SATURN\DATA\STD_KERO Date: 10/31/93 11:40:25
Comment: KEROSENE STANDARD 1:200 IN CS2 (2UL INJ)
Scan No: 1 Retention Time: 0.01 RIC: 0 Mass Range: 0 - 0
Plotted: 1 to 1925 Range: 1 to 1925 100% = 956977



GroundWater of Vermont

The Chace Mill, One Mill Street, Box C-5, Burlington, Vermont, 05401
(802)-860-6065 (802)-860-6076 Fax

CHAIN OF CUSTODY RECORD

PAGE ___ OF ___

LABORATORY

ANALYSIS STATUS:
_____ RUSH (2-DAY)
_____ PRIORITY (4-DAY)
_____ BEST AVAILABLE TIME

PROJECT NUMBER: V94-011
PROJECT NAME: BURLINGTON AIRPORT FUEL FARM
PROJECT LOCATION: S. BURLINGTON, VT
PROJECT MANAGER: Ron Miller
COLLECTED BY: Ron Miller
DATE: 4/27/94

8797

ANALYSIS REQUESTED

SAMPLE ID	DATE	TIME	SAMPLE MATRIX	TYPE OF CONTAINER	# CONT.	PRESRVD	METALS - PLEASE LIST: HA ( ) EP-TOX ( ) (8)	OIL & GREASE: IR ( ) GRAV. ( )	VOLATILE ORGANICS: 624 ( ) 601 ( ) 602 8010 ( ) 8015 ( ) 8020 & MTBE (X)	EXTRACTABLES: ACIDS ( ) B-N ( ) PCBs ( ) PESTS ( ) 608/8080 ( )	TSS ( ) TDS ( ) pH ( ) SPEC COND ( )	BACTERIA: SPC ( ) TOT COLI ( ) FEC COLI ( )	CYANIDE: AMEN ( ) TOT ( )	CL ( ) F ( ) SO4 ( )	NO3 ( ) NO2 ( ) NH3 ( )	TCLP: METALS ( ) VOLATILES ( ) SEMIVOLATILES ( ) PESTICIDES ( ) HERBICIDES ( )	OTHER: TPH 4181	OTHER: Petroleum I.D.	REMARKS
MW1 - Free Product	4/27	14:20	Liquid Petroleum	40 ml VOA	1	None												X	
MW3		15:40	W	↓	2	HCl + I			X										
TRIP BLANK		16:40	W	↓	2	↓			X										
MW3		15:40	W	1 Liter Bottle-Glass	2	HCl + I											X		
TRIP BLANK		16:40	W	↓	2	↓											X		

MATRIX
W = AQUEOUS
S = SOLIDS

PRESERVATIVE
I = ICED
A = ACIDIFIED (8020: 4 drops 1:1 HCl | 4181 = 40 Drops 1:1 HCl)
B = BASE
N = SODIUM BISULFATE

RELINQUISHED BY	DATE	TIME	RECEIVED BY
Ron Miller	5/2/94	7:45	[illegible]

LABORATORY ANALYSIS

CLIENT NAME:	Groundwater of Vermont	REF #:	8797
ADDRESS:	One Mill Street, Box C-5	PROJECT NO.:	V94-011
	Burlington, VT 05401		
SAMPLE LOCATION:	Burlington Airport Fuel Farm	DATE OF SAMPLE:	4/27/94
SAMPLER:	Ron Miller	DATE OF RECEIPT:	5/2/94
		DATE OF ANALYSIS:	5/10,11/94
ATTENTION:	Ron Miller	DATE OF REPORT:	5/11/94

Pertaining to the analyses of specimens submitted under the accompanying chain of custody form, please note the following:

- Water samples submitted for VOC analysis were preserved with HCl.
- Specimens were processed and examined according to the procedures outlined in the specified method.
- Holding times were honored.
- Instruments were appropriately tuned and calibrations were checked with the frequencies required in the specified method.
- Blank contamination was not observed at levels interfering with the analytical results.
- Continuing calibration standards were monitored at intervals indicated in the specified method. The resulting analytical precision and accuracy were determined to be within method QA/QC acceptance limits.
- The inferred efficiency of analyte recovery for individual samples was monitored by the addition of surrogate analytes to all samples, standards, and blanks. Surrogate recoveries were found to be within laboratory QA/QC acceptance limits, unless noted otherwise.

Reviewed by:

Brendan McMahon, Ph.D.
Director, Chemical Services

MicroAssays of Vermont, Inc. P.O. Box 189 Middlesex, Vermont 05602 (802) 223-1468 FAX 223-8688

LABORATORY REPORT

EPA METHOD 8020 ANALYTES + MTBE with GC/MS Confirmation

CLIENT NAME:	Groundwater of Vermont	PROJECT CODE:	V94-011
PROJECT NAME:	Burlington Airport Fuel Farm	REF.#:	8,797
REPORT DATE:	May 11, 1994	STATION:	MW-3
DATE SAMPLED:	April 27, 1994	TIME SAMPLED:	15:40
DATE RECEIVED:	May 2, 1994	SAMPLER:	Ron Miller
ANALYSIS DATE:	May 11,1994	SAMPLE TYPE:	Water

PARAMETER	PQL (µg/L)	Conc. (µg/L)
Benzene	20	BPQL
Toluene	20	2090
Ethylbenzene	20	36
m+p-Xylene	40	109
o-Xylene	20	72
Chlorobenzene	20	BPQL
1,2-Dichlorobenzene	20	BPQL
1,3-Dichlorobenzene	20	BPQL
1,4-Dichlorobenzene	20	BPQL
MTBE	20	BPQL

Surrogate % Recovery: 99 %

BPQL = Below Practical Quantitation Limit (PQL).

MicroAssays of Vermont, Inc. P.O. Box 189 Middlesex, Vermont 05602 (802) 223-1468 FAX 223-8688

LABORATORY REPORT

EPA METHOD 8020 ANALYTES + MTBE with GC/MS Confirmation

CLIENT NAME:	Groundwater of Vermont	PROJECT CODE:	V94-011
PROJECT NAME:	Burlington Airport Fuel Farm	REF.#:	8,797
REPORT DATE:	May 11, 1994	STATION:	Trip Blank
DATE SAMPLED:	April 27, 1994	TIME SAMPLED:	16:40
DATE RECEIVED:	May 2, 1994	SAMPLER:	Ron Miller
ANALYSIS DATE:	May 10,11,1994	SAMPLE TYPE:	Water

PARAMETER	PQL (µg/L)	Conc. (µg/L)
Benzene	1	BPQL
Toluene	1	4**
Ethylbenzene	1	BPQL
m+p-Xylene	2	BPQL
o-Xylene	1	BPQL
Chlorobenzene	1	BPQL
1,2-Dichlorobenzene	1	BPQL
1,3-Dichlorobenzene	1	BPQL
1,4-Dichlorobenzene	1	BPQL
MTBE	1	BPQL

Surrogate % Recovery: 100%

BPQL = Below Practical Quantitation Limit (PQL).

*Note: This represents the average result of two replicate analyses.

*Note: This result was confirmed with a replicate analysis.

MicroAssays of Vermont, Inc. P.O. Box 189 Middlesex, Vermont 05602 (802) 223-1468 FAX 223-8688

LABORATORY ANALYSIS

CLIENT NAME:	GroundWater of Vermont	MAV CONTROL #:	8797
ADDRESS:	One Mill St. Box C-5	DATE OF SAMPLE:	5/2/94
	Burlington, VT 05401	DATE OF REPORT:	5/16/94
	ATTN: Ron Miller	SAMPLER:	Ron Miller
SAMPLE LOCATION:	Burlington Airport Fuel Farm	PROJECT NUMBER:	V94-011

EXAMINATION REQUESTED:

Test - Total Petroleum Hydrocarbons. EPA 418.1

SPECIMENS:

(4) Liter glass jars containing water samples Labled MW3, Trip.

FINDINGS:

	Trip	MW -3	Units	PQL
TPH	BPQL	37.3	mg / L	0.5

Reviewed by:

Kenneth Somerville
Head Chemist,Chemical Services

GroundWater of Vermont

The Chace Mill, One Mill Street, Box C-5, Burlington, Vermont, 05401
(802)-860-6065 (802)-860-6076 Fax

CHAIN OF CUSTODY RECORD

LABORATORY

ANALYSIS STATUS:
_____ RUSH (2-DAY)
_____ PRIORITY (4-DAY)
_____ BEST AVAILABLE TIME

PROJECT NUMBER: V94-011
PROJECT NAME: Burlington Airport Fuel Farm
PROJECT LOCATION: S. Burlington, VT
PROJECT MANAGER: Ron Miller
COLLECTED BY: Ron Miller
DATE: 4/27/94

ANALYSIS REQUESTED

PAGE ___ OF ___

SAMPLE ID	DATE	TIME	SAMPLE MATRIX	TYPE OF CONTAINER	# CONT.	PRESRVD	METALS - PLEASE LIST: MA ( ) EP-TOX ( ) (8)	OIL & GREASE: IR ( ) GRAV. ( )	VOLATILE ORGANICS: 624 ( ) 601 ( ) 602 8010 ( ) 8015 ( ) 8020 & MTBE X	EXTRACTABLES: ACIDS ( ) B-N ( ) PCBs ( ) PESTS ( ) 608/8080	TSS ( ) TDS ( ) PH ( ) SPEC COND ( )	BACTERIA: SPC ( ) TOT COLI ( ) FEC COLI ( )	CYANIDE: AMEN ( ) TOT ( )	CL ( ) F ( ) SO4 ( )	NO3 ( ) NO2 ( ) NH3 ( )	TCLP: METALS ( ) VOLATILES ( ) SEMIVOLATILES ( ) PESTICIDES ( ) HERBICIDES ( )	OTHER: TPH 1,2,4	OTHER: Petroleum I.D.	REMARKS
MW1 - Free Product	4/27	14:20	Liquid Petroleum	40 ml VOA	1	None													X	8797
MW3		15:40	W	↓	2	HCl + I			X											
TRIP BLANK		16:40	W	↓	2	↓			X											
MW3		15:40	W	1 Liter Bottle-Glass	2	HCl + I												X		
TRIP BLANK		16:40	W	↓	2	↓												X		

MATRIX
W = AQUEOUS
S = SOLIDS

PRESERVATIVE
I = ICED
A = ACIDIFIED (8020 = 4 drops 1:1 HCl | 418.1 = 40 drops 1:1 HCl)
B = BASE
N = SODIUM BISULFATE

RELINQUISHED BY	DATE	TIME	RECEIVED BY
Ron Miller	5/2/94	7:45	

VERMONT AIR NATIONAL GUARD BASE, BURLINGTON VT
SITE #77-0043

STREET ADDRESS: Poor Farm Road, Colchester VT

CONTACT:
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SITE STATUS (5/2002):
Environmental investigation and cleanup activities are underway at five areas of the site (see attached figure for locations).

SITE 1 – FORMER FIRE DEPARTMENT TRAINING AREA/OLD LANDFILL
Site 1 encompasses approximately 10 acres of woods and grassland in the northeastern portion of the VT ANG base. The former Fire Department Training Area (FDTA) is located in the central portion of the site. Fire training activities were conducted in this area from 1960 to 1980, and included utilization of one primary and possible one secondary burn area. During the period of use, the FTDAs were excavated to create a shallow depression for the retention of ignitable liquids. During fire training exercises, various quantities of ignitable liquids were dispersed into the burn pits and ignited, then extinguished. The primary fuel for the burn pits was jet fuel (JP-4), although a wide variety of liquids were used as fuel during the course of operations in this area. Fire training exercises were conducted an average of 26 times per year from 1960 to 1973, and an average of 12 times per year from 1973 to 1980. It is estimated that approximately 700,000 gallons of fuel was dispersed into the burn pits between 1960 and 1980. In addition, from 1979 to 1980, approximately 1500 gallons of various mixtures of acetone, cyclohexane, methyl ethyl ketone, methanol, propyl alcohol, and waste paint pigments were collected from the surrounding community and burned.

Fuel-related contaminants have been detected in soils in the FTDA. Free-phase petroleum has been detected and remains present in monitoring wells installed in Site 1 area. Groundwater contamination, including petroleum and chlorinated volatile organic compounds, extends from Site 1 to beyond the base property boundary on Poor Farm Road and across to the Country Club Estates property.

SITE 2 – FORMER CONSTRUCTION/DEMOLITION DEBRIS LANDFILL

Site 2 encompasses approximately two acres and is located in the southeastern portion of the base. It is situated on a steep eastward sloping escarpment. Site 2 has been used for