PHASE I ENVIRONMENTAL SITE ASSESSMENT

COFFEY’S TEXACO
48 TOURO STREET
NEWPORT, RHODE ISLAND  02840

NEWPORT ENVIRONMENTAL PROJECT NO. NS0502

JUNE 9, 2014

Prepared by:
Newport Environmental, Inc.
PO Box 957
N. Scituate, RI  02857
Phone: 401.497.8240

Prepared for:
Mr. Stephen Ostiguy
Church Community Housing Corp.
50 Washington Square
Newport, RI  02840
# TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY .................................................................................................................. 1
  1.1 General Information ..................................................................................................................... 1
  1.2 Findings and Conclusions Summary ............................................................................................ 2
  1.3 Significant Data Gap Summary .................................................................................................... 3
  1.4 Recommendations ....................................................................................................................... 3

2.0 INTRODUCTION .......................................................................................................................... 4
  2.1 Purpose ......................................................................................................................................... 4
  2.2 Scope .......................................................................................................................................... 4
  2.3 Significant Assumptions .............................................................................................................. 4
  2.4 Limitations and Exceptions ......................................................................................................... 5
  2.5 Special Terms and Conditions (User Reliance) .......................................................................... 6

3.0 SITE DESCRIPTION ....................................................................................................................... 8
  3.1 Location and Legal Description .................................................................................................... 8
  3.2 Surrounding Area General Characteristics ................................................................................ 8
  3.3 Current Use of the Property ........................................................................................................ 8
  3.4 Description of Property Improvements ..................................................................................... 8
  3.5 Current Uses of Adjoining Properties ......................................................................................... 9

4.0 USER PROVIDED INFORMATION ............................................................................................ 10
  4.1 Title Records .............................................................................................................................. 10
  4.2 Environmental Liens or Activity and Use Limitations (AULs) ......................................................... 10
  4.3 Specialized Knowledge or Experience of the User .................................................................... 10
  4.4 Significant Valuation Reduction for Environmental Issues ......................................................... 10
  4.5 Owner, Property Manager and Occupant Information .................................................................. 10
  4.6 Reason for Performing Phase I ESA ........................................................................................ 10
  4.7 Other User Provided Documents ............................................................................................... 10

5.0 RECORDS REVIEW ................................................................................................................... 11
  5.1 Standard Environmental Records .............................................................................................. 11
    5.1.1 Federal Agency Database Findings ......................................................................................... 12
    5.1.2 State and Tribal Database Findings ....................................................................................... 12
    5.1.3 Local Environmental Records Sources ............................................................................... 15
  5.2 Physical Setting Sources ............................................................................................................. 16
    5.2.1 Topography .......................................................................................................................... 16
    5.2.2 Geology ............................................................................................................................... 16
    5.2.3 Soils ...................................................................................................................................... 16
    5.2.4 Hydrology ............................................................................................................................ 16
    5.2.5 Other Physical Setting Sources ........................................................................................... 17
  5.3 Historical Records Sources .......................................................................................................... 18
    5.3.1 Aerial Photographs .............................................................................................................. 18
    5.3.2 Fire Insurance Maps ............................................................................................................ 19
    5.3.3 Property Tax Files ............................................................................................................... 20
    5.3.4 Recorded Land Title Records .............................................................................................. 20
    5.3.5 Historical USGS Topographic Maps ..................................................................................... 20
    5.3.6 City Directories .................................................................................................................... 20
    5.3.7 Building Department Records ............................................................................................ 21
    5.3.8 Zoning/Land Use Records .................................................................................................. 21
    5.3.9 Prior Reports ....................................................................................................................... 21
    5.3.10 Other Historical Sources .................................................................................................... 21
1.0 EXECUTIVE SUMMARY

1.1 General Information

Project Information:  
Coffey's Texaco

Site Information:  
48 Touro Street  
Newport, RI 02840  
Newport County

Consultant Information:  
Newport Environmental, Inc.  
PO Box 957  
Foster, RI 02857  
Telephone: 401.497.8240

Site Access Contact:  
Mr. Neill Coffey  
Owner, Coffey's Service Station  
401.847.5100

Reconnaissance Date: March 17, 2014
Site Assessor: Erik Gottlieb
Senior Reviewer: Bruce Clark
Environmental Professional: Erik Gottlieb

Client Information:  
Mr. Stephen Ostiguy  
Church Community Housing Corp.  
50 Washington Square  
Newport, RI 02840

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

Erik Gottlieb, Senior Environmental Scientist  
Environmental Professional / Site Assessor

Bruce Clark, Senior Project Manager  
Senior Reviewer
1.2 Findings and Conclusions Summary

Newport Environmental has performed this Phase I Environmental Site Assessment (ESA) of the property in conformance with the scope and limitations of ASTM Standard Practice E1527-13. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed evidence of recognized environmental conditions (RECs) in connection with the property. The table below provides a summary of report findings and conclusions.

<table>
<thead>
<tr>
<th>FINDINGS AND CONCLUSIONS SUMMARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Report Section</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>4.0 User Provided Information</td>
</tr>
<tr>
<td>5.1.2 State and Tribal Database Findings</td>
</tr>
<tr>
<td>5.1.3 Local Environmental Record Sources</td>
</tr>
<tr>
<td>5.3 Historical Records Sources</td>
</tr>
<tr>
<td>6.2 Hazardous Substance Use, Storage and Disposal</td>
</tr>
<tr>
<td>6.3 Underground Storage Tanks</td>
</tr>
<tr>
<td>6.4 Aboveground Storage Tanks</td>
</tr>
<tr>
<td>6.5 Other Petroleum Products</td>
</tr>
<tr>
<td>6.6 Polychlorinated Biphenyls (PCBs)</td>
</tr>
<tr>
<td>6.7 Unidentified Substance Containers</td>
</tr>
<tr>
<td>6.8 Nonhazardous Solid Waste</td>
</tr>
<tr>
<td>6.9 Wastewater</td>
</tr>
<tr>
<td>6.10 Waste Pits, Ponds and Lagoons</td>
</tr>
</tbody>
</table>
### FINDINGS AND CONCLUSIONS SUMMARY

<table>
<thead>
<tr>
<th>Report Section</th>
<th>Further Action Recommended</th>
<th>De minimis Condition</th>
<th>REC and/or CREC</th>
<th>HREC</th>
<th>ASTM Non-Scope Condition</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.11 Sumps</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.12 Septic Systems</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.13 Stormwater Management System</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.14 Wells</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.0 Subsurface Vapor Migration</td>
<td>Yes</td>
<td>Yes</td>
<td>X</td>
<td></td>
<td></td>
<td>Given that the site has continued to operate single-wall UST systems since 2011 that would not meet current RIDEM requirements, there continues to be an ongoing potential for vapor migration and as such a vapor encroachment condition is identified as a REC.</td>
</tr>
<tr>
<td>8.0 Interviews</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.1 Asbestos-Containing Material (ACM)</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.2 Radon</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.3 Lead in Drinking Water</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.4 Lead-Based Paint (LBP)</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.5 Additional User Requested Services</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 1.3 Significant Data Gap Summary

Data gaps may have been encountered during the performance of this Phase I ESA and are discussed within the section of the report where they were encountered. However, according to ASTM Standard Practice E1527-13, data gaps are only significant if "other information and/or professional experience raises reasonable concerns involving the data gap." The following is a summary of significant data gaps identified in this report.

#### SIGNIFICANT DATA GAP SUMMARY

<table>
<thead>
<tr>
<th>Report Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5 Current Uses of Adjoining Properties</td>
<td>No significant data gap identified.</td>
</tr>
<tr>
<td>4.2 Environmental Liens or Activity and Use Limitations (AULs)</td>
<td>No information regarding Environmental Liens was provided by the User.</td>
</tr>
<tr>
<td>5.1 Standard Environmental Records</td>
<td>No significant data gap identified.</td>
</tr>
<tr>
<td>5.2 Physical Setting Sources</td>
<td>No significant data gap identified.</td>
</tr>
<tr>
<td>5.3 Historical Records Sources</td>
<td>Data gaps of greater than 5 years were noted. The data gaps did not result in data failure.</td>
</tr>
<tr>
<td>6.1 Methodology and Limiting Conditions</td>
<td>No significant data gap identified.</td>
</tr>
<tr>
<td>7.0 Interviews</td>
<td>No significant data gap identified.</td>
</tr>
</tbody>
</table>

### 1.4 Recommendations

Based on information collected during this Phase I ESA, Newport Environmental recommends conducting a Phase II Subsurface Investigation on the subject property to help determine the extents, if any, of impacts to soil and groundwater resulting from the existence since the 1920’s of a gasoline filling and service station at the property, and/or residual impacts from the historical releases in 1984 and 1994 and subsequent remediation and site closure in 2011.

Newport Environmental recommends conducting a Phase II Limited Subsurface Investigation of the subject property to determine whether or not any of the above cited REC’s have resulted in a material release to the environment and, if so, the potential environmental risk posed.
INTRODUCTION

2.1 Purpose

The purpose of this Phase I ESA was to identify recognized environmental conditions in connection with the property at the time of the site reconnaissance, in general accordance with ASTM Standard Practice E1527-13. This report documents the findings, opinions and conclusions of the Phase I ESA.

2.2 Scope

This Phase I ESA was conducted in general accordance with the ASTM Standard Practice E1527-13, consistent with the level of care and skill ordinarily practiced by the environmental consulting profession currently providing similar services under similar circumstances. Significant additions, deletions or exceptions to ASTM Standard Practice E1527-13, if any, are noted below or in the corresponding sections of this report. The scope of this assessment included an evaluation of the following:

- Physical setting characteristics of the property through a review of referenced sources such as topographic maps and geologic, soils and hydrologic reports.
- Usage of the property, adjoining properties and surrounding area through a review of referenced historical sources such as land title records, fire insurance maps, city directories, aerial photographs, prior reports and interviews.
- Observations and interviews regarding current property usage and conditions including: the use, treatment, storage, disposal or generation of hazardous substances, petroleum products, hazardous wastes, nonhazardous solid wastes and wastewater.
- Usage of adjoining and surrounding area properties and the likely impact of known or suspected releases of hazardous substances or petroleum products from those properties in, on or at the property.
- Information in referenced environmental agency databases and local environmental records, within the specified approximate minimum search distance from the property.
- Potential for subsurface vapor migration in, on or at the property as described in Section 7.0.

The assessment also included consideration of the following potential environmental issues or conditions that are beyond the scope of ASTM Standard Practice E1527-13:

- Wetlands document review, consisting of a review of a current National Wetlands Inventory map of the surrounding area to note if the property is identified as having a wetland.
- Flood plain document review, consisting of a review of a reasonably ascertainable flood plain map of the surrounding area to note if the property is identified as being located within a flood plain.

2.3 Significant Assumptions

The assumptions in this report were not considered as having significant impact on the determination of recognized environmental conditions associated with the property.
2.4 Limitations and Exceptions

Newport Environmental has prepared this Phase I ESA report using reasonable efforts to identify recognized environmental conditions associated with hazardous substances or petroleum products in, on or at the property. Findings contained within this report are based on information collected from observations made on the day(s) of the site reconnaissance and from reasonably ascertainable information obtained from certain public agencies and other referenced sources.

The ASTM Standard Practice E1527-13 recognizes inherent limitations for Phase I ESAs, including, but not limited to:

- **Uncertainty Not Eliminated** – A Phase I ESA cannot completely eliminate uncertainty regarding the potential for recognized environmental conditions in connection with any property.

- **Not Exhaustive** – A Phase I ESA is not an exhaustive investigation of the property and environmental conditions on such property.

- **Past Uses of the Property** – Phase I requirements only require review of standard historical sources at five year intervals. Therefore, past uses of property at less than five year intervals may not be discovered.

Users of this report may refer to ASTM Standard Practice E1527-13 for further information regarding these and other limitations. This report is not definitive and should not be assumed to be a complete and/or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions determined by surface observations, interviews and reviews of historical sources. The most reliable method of evaluating subsurface conditions is through intrusive techniques, which are beyond the scope of this report. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other property construction purposes. Any use of this report by any party, beyond the scope and intent of the original parties, shall be at the sole risk and expense of such user.

Newport Environmental makes no representation or warranty that the past or current operations at the property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, Newport Environmental is not responsible for consequences or conditions arising from facts not fully disclosed to Newport Environmental during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and is assumed to be correct and complete unless obviously contradicted by Newport Environmental’s observations or other credible referenced sources reviewed during the assessment. Newport Environmental shall not be liable for any such database firm’s failure to make relevant files or documents properly available, to properly index files, or otherwise to fail to maintain or produce accurate or complete records.

Newport Environmental makes no warranty, guarantee or certification regarding the quality, accuracy or reliability of any prior report provided to Newport Environmental and discussed in this Phase I ESA report. Newport Environmental expressly disclaims any and all liability for any errors or omissions contained in any prior reports provided to Newport Environmental and discussed in this Phase I ESA report.

Newport Environmental used reasonable efforts to identify evidence of aboveground and underground storage tanks and ancillary equipment on the property during the assessment. “Reasonable efforts” were...
limited to observation of accessible areas, review of referenced public records and interviews. These reasonable efforts may not identify subsurface equipment or evidence hidden from view by things including, but not limited to, snow cover, paving, construction activities, stored materials and landscaping.

Any estimates of costs or quantities in this report are approximations for commercial real estate transaction due diligence purposes and are based on the findings, opinions and conclusions of this assessment, which are limited by the scope of the assessment, schedule demands, cost constraints, accessibility limitations and other factors associated with performing the Phase I ESA. Subsequent determinations of costs or quantities may vary from the estimates in this report. The estimated costs or quantities in this report are not intended to be used for financial disclosure related to the Financial Accounting Standards Board (FASB) Statement No. 143, FASB Interpretation No. 47, Sarbanes/Oxley Act or any United States Securities and Exchange Commission reporting obligations, and may not be used for such purposes in any form without the express written permission of Newport Environmental.

Newport Environmental is not a professional title insurance or land surveyor firm and makes no guarantee, express or implied, that any land title records acquired or reviewed in this report, or any physical descriptions or depictions of the property in this report, represent a comprehensive definition or precise delineation of property ownership or boundaries.

The Environmental Professional Statement in Section 1.1 of this report does not “certify” the findings contained in this report and is not a legal opinion of such Environmental Professional. The statement is intended to document Newport Environmental’s opinion that an individual meeting the qualifications of an Environmental Professional was involved in the performance of the assessment and that the activities performed by, or under the supervision of, the Environmental Professional were performed in conformance with the standards and practices set forth in 40 CFR Part 312 per the methodology in ASTM Standard Practice E1527-13 and the scope of work for this assessment.

Per ASTM Standard Practice E1527-13, Section 6, User Responsibilities, the User of this assessment has specific obligations for performing tasks during this assessment that will help identify the possibility of recognized environmental conditions in connection with the property. Failure by the User to fully comply with the requirements may impact their ability to use this report to help qualify for Landowner Liability Protections (LLPs) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Newport Environmental makes no representations or warranties regarding a User’s qualification for protection under any federal, state or local laws, rules or regulations.

In accordance with the ASTM Standard Practice E1527-13, this report is presumed to be valid for a six-month period. If the report is older than six months, the following information must be updated in order for the report to be valid: (1) regulatory review, (2) site visit, (3) interviews, (4) specialized knowledge and (5) environmental liens search. Reports older than one year may not meet the ASTM Standard Practice E1527-13 and therefore, the entire report must be updated to reflect current conditions and property-specific information.

Other limitations and exceptions that are specific to the scope of this report may be found in corresponding sections.

2.5 Special Terms and Conditions (User Reliance)

This report is for the use and benefit of, and may be relied upon by, Church Community Housing Corp. its affiliates, and third parties authorized in writing by Church Community Housing Corp. and Newport Environmental, including the lender(s) in connection with a secured financing of the property, and their respective successors and assigns. Any third party agrees by accepting this report that any use or reliance on this report shall be limited by the exceptions and limitations in this report, and with the acknowledgment that actual site conditions may change with time, and that hidden conditions may exist at the property that
were not discovered within the authorized scope of the assessment. Any use by or distribution of this report to third parties, without the express written consent of Newport Environmental, is at the sole risk and expense of such third party.

Newport Environmental makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either express or implied. Unless otherwise agreed upon in writing by Newport Environmental and a third party, Newport Environmental's liability to any third party authorized to use or rely on this report with respect to any acts or omissions shall be limited to a total maximum amount of $100,000.
3.0 SITE DESCRIPTION

3.1 Location and Legal Description

According to information obtained from the City of Newport Tax Assessor, the property is located 48 Touro Street, Newport County, Rhode Island. The property is identified as Map 17 / Lot 230 and totals approximately 0.14 acres. A Site Vicinity Map and Site Plan are included in Appendices A and B, and Site Photographs are included as Appendix C.

3.2 Surrounding Area General Characteristics

The land usages in the property vicinity include commercial, residential, municipal and religious. Spring Street abuts the property to the east, beyond which is an art gallery, book store, antiques store and the Touro Synagogue National Historic Site. Touro Street abuts the property to the south, beyond which is a fix-it shop, dentist office, music shop, and other commercial and residential space. Court House Street abuts the property to the west, beyond which is the Florence K. Murray Judicial Building (courthouse) and Colony House (also known as the former state house or old courthouse). A two-story office building abuts the property to the north, beyond which is Hozier Street. An Annotated Aerial Map is provided in Appendix B.

3.3 Current Use of the Property

The property is currently occupied by Coffey’s Service Station a/k/a Coffey’s Texaco. Access to the property is provided from Spring, Touro and Court House Streets to the east, south, and north, respectively. A Site Plan and Site Photographs are provided in Appendices B and C.

3.4 Description of Property Improvements

The following table provides general descriptions of the property improvements.

<table>
<thead>
<tr>
<th>PROPERTY IMPROVEMENTS</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of Property (approximate)</td>
<td>0.14 acres</td>
</tr>
<tr>
<td>General Topography of Property</td>
<td>Slopes towards the west-northwest</td>
</tr>
<tr>
<td>Adjoining and/or Access/Egress Roads</td>
<td>Accessible from Spring, Touro and Court House Streets to the east, south and north.</td>
</tr>
<tr>
<td>Paved or Concrete Areas (including parking)</td>
<td>Entire property is paved, except for small landscaped areas</td>
</tr>
<tr>
<td>Unimproved Areas</td>
<td>None</td>
</tr>
<tr>
<td>Landscaped Areas</td>
<td>Two small areas abutting property building to the northeast and southeast</td>
</tr>
<tr>
<td>Surface Water</td>
<td>None</td>
</tr>
<tr>
<td>Potable Water Source</td>
<td>The property and surrounding area are connected to the municipal water supply</td>
</tr>
<tr>
<td>Sanitary Sewer Utility</td>
<td>The property and surrounding area are connected to the municipal sanitary sewer system</td>
</tr>
<tr>
<td>Storm Sewer Utility</td>
<td>Municipal storm sewers are available to the property and surrounding area</td>
</tr>
<tr>
<td>Electrical Utility</td>
<td>Electric service is available to the property and surrounding area</td>
</tr>
<tr>
<td>Natural Gas Utility</td>
<td>Natural gas service is available to the property and surrounding area</td>
</tr>
<tr>
<td>Current Occupancy Status</td>
<td>Occupied</td>
</tr>
<tr>
<td>Unoccupied Buildings/Spaces/Structures</td>
<td>None</td>
</tr>
<tr>
<td>Number of Occupied Buildings</td>
<td>One</td>
</tr>
<tr>
<td>Building Name - General Building Description</td>
<td>Coffey’s Service Station – Three-bay garage with an office area</td>
</tr>
<tr>
<td>Number of Floors</td>
<td>One-story, with open mechanic’s pit and sub-floor storage area</td>
</tr>
</tbody>
</table>
PHASE I ENVIRONMENTAL SITE ASSESSMENT
Coffey’s Texaco
48 Touro Street
Newport, Rhode Island

<table>
<thead>
<tr>
<th>PROPERTY IMPROVEMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Square Feet of Space (approximate)</strong></td>
</tr>
<tr>
<td><strong>Construction Completion Date (year)</strong></td>
</tr>
<tr>
<td><strong>Construction Type</strong></td>
</tr>
<tr>
<td><strong>Interior Finishes Description</strong></td>
</tr>
<tr>
<td><strong>Exterior Finishes Description</strong></td>
</tr>
<tr>
<td><strong>Cooling System Type</strong></td>
</tr>
<tr>
<td><strong>Heating System Type</strong></td>
</tr>
<tr>
<td><strong>Emergency Power</strong></td>
</tr>
</tbody>
</table>

3.5 Current Uses of Adjoining Properties

Current uses of the adjoining properties were observed to be as follows:

<table>
<thead>
<tr>
<th>DIRECTION FROM PROPERTY</th>
<th>CURRENT USE</th>
<th>POTENTIAL ENVIRONMENTAL CONDITIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>West</td>
<td>courthouse (Florence K. Murray Judicial Building) and former state house (Colony House)</td>
<td>None</td>
</tr>
<tr>
<td>South</td>
<td>fix-it shop, dentist office, music shop, and other commercial and residential space</td>
<td>None</td>
</tr>
<tr>
<td>East</td>
<td>art gallery, book store, antiques store and the Touro Synagogue National Historic Site</td>
<td>None currently observed. See Section 5.1.2 for summary of Brownfield and state listings for Touro Synagogue National Historic Site</td>
</tr>
<tr>
<td>North</td>
<td>two-story office building (One Courthouse Square)</td>
<td>None</td>
</tr>
</tbody>
</table>
4.0 USER PROVIDED INFORMATION

The following section summarizes information provided by Mr. Stephen Ostiguy, Executive Director of Church Community Corp. (User) with regard to the Phase I ESA. A Questionnaire was completed per ASTM Standard Practice E 1527-13. Documentation may be found in Appendix D or where referenced in this report.

4.1 Title Records

The User provided no title records information.

4.2 Environmental Liens or Activity and Use Limitations (AULs)

The User provided no information regarding property environmental liens or activity and use limitations (AULs). According to the Rhode Island Department of Environmental Management (RIDEM) database and the City of Newport land Evidence Records, no AULs (such as engineering controls, land use restrictions or institutional controls) were identified for the property. A copy of the deed is presented in Appendix G.

4.3 Specialized Knowledge or Experience of the User

User provided no specialized knowledge regarding recognized environmental conditions associated with the property beyond that provided below in Section 4.7.

4.4 Significant Valuation Reduction for Environmental Issues

The User provided no information regarding a significant valuation reduction for environmental issues associated with the property.

4.5 Owner, Property Manager and Occupant Information

The User identified the current property owner as Neill F. Coffey and Diane C. Coffey, tenants by the entirety. The property is occupied by Coffey's Service Station.

4.6 Reason for Performing Phase I ESA

The Phase I ESA was performed to identify recognized environmental conditions that may be associated with the property.

4.7 Other User Provided Documents

The User provided no other documents as described in the ASTM Standard Practice E1527-13. A Questionnaire per ASTM Standard Practice E 1527-13 was completed by the property owner. Documentation may be found in Appendix D or where referenced in this report.

Also, the property owner provided historic photos of the property, and a property plan titled “Texaco Inc., Sales Dept., United States, Boston Region, Proposed Rehabilitation, Spring, Court House, & Touro Streets, Newport, Rhode Island, May 11, 1973”. The historic photos and property plan are included in Appendix D. Additional historic information regarding property usage as a gasoline filling station is referenced throughout the remainder of this report.
5.0 RECORDS REVIEW

5.1 Standard Environmental Records

The regulatory agency database report discussed in this section, provided by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut, was reviewed for information regarding reported use or release of hazardous substances and petroleum products on or near the property. Unless otherwise noted, the information provided by the regulatory agency database report and other sources referenced in this report, were considered sufficient for recognized environmental condition (REC), controlled recognized environmental condition (CREC), historical recognized environmental condition (HREC) or de minimis condition determinations without conducting supplemental agency file reviews. Newport Environmental also reviewed the "unmappable" (also referred to as "orphan") listings within the database report, cross-referencing available address information and facility names. Unmappable sites are listings that could not be plotted with confidence, but are potentially in the general area of the property, based on the partial street address, city, or zip code. Any unmappable site that was identified by Newport Environmental as being within the approximate minimum search distance from the property, based on the site reconnaissance and/or cross-referencing to mapped listings, is included in the discussion within this section. The complete regulatory agency database report may be found in Appendix E.

The following is a summary of the findings of the database review.

<table>
<thead>
<tr>
<th>Regulatory Database</th>
<th>Approx. Minimum Search Distance</th>
<th>Property Listed?</th>
<th># Sites Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal National Priority List (NPL)</td>
<td>1 mile</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Federal Delisted NPL</td>
<td>½ mile</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list</td>
<td>½ mile</td>
<td>No</td>
<td>2</td>
</tr>
<tr>
<td>Federal CERCLIS No Further Remedial Action Planned (NFRAP)</td>
<td>½ mile</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Federal Resource Conservation and Recovery Act (RCRA), Corrective Action facilities (CORRACTS)</td>
<td>1 mile</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Federal RCRIS non-CORRACTS Treatment, Storage, and Disposal Facilities (TSD)</td>
<td>½ mile</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Federal RCRA Generators</td>
<td>Property &amp; Adjoining</td>
<td>Yes</td>
<td>1</td>
</tr>
<tr>
<td>Federal Institutional Control/Engineering Control Registry</td>
<td>Property</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>Federal Emergency Response Notification System (ERNS) list</td>
<td>Property</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>State and Tribal NPL</td>
<td>1 mile</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>State and Tribal CERCLIS</td>
<td>½ mile</td>
<td>No</td>
<td>13</td>
</tr>
<tr>
<td>State and Tribal Landfill or Solid Waste Disposal Sites</td>
<td>½ mile</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>State and Tribal Leaking Underground Storage Tanks (LUST)</td>
<td>½ mile</td>
<td>Yes</td>
<td>16</td>
</tr>
<tr>
<td>State and Tribal Registered Underground Storage Tanks (UST)</td>
<td>Property &amp; Adjoining</td>
<td>Yes</td>
<td>2</td>
</tr>
<tr>
<td>State and Tribal Institutional Control/Engineering Control Registry</td>
<td>Property</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>State and Tribal Voluntary Cleanup Site</td>
<td>½ mile</td>
<td>No</td>
<td>0</td>
</tr>
<tr>
<td>State and Tribal Brownfield Sites</td>
<td>½ mile</td>
<td>No</td>
<td>13</td>
</tr>
</tbody>
</table>
5.1.1 Federal Agency Database Findings

A listing for the subject property was identified in the federal agency databases reviewed. Two listings within ½-mile of the property were identified on the federal databases reviewed. A summary of information available for these site listings is discussed below:

TEXACO STA/COFFEYS SERVICE STATION (THE SUBJECT PROPERTY)
48 TOURO STREET

Databases: RCRA

Assumed Groundwater Gradient: West-Northwest

Regulatory Data Summary: The property was identified as a small quantity generator of hazardous waste. Wastes generated included ignitable waste. According to the property owner, a parts-washing station was in use at the property from approximately 1991 to 2001. The solvent-recycling service was provided by Cycle Solve Corporation. No violations were noted in the database.

Discussion: Based on the database information, the RCRA status of this listing is not considered to represent a likely past, present or material threat of release to the property.

Based on distance, topography, assumed groundwater gradient, current regulatory status, and/or the absence of reported releases, none of the other sites listed in the state and tribal databases are considered to represent a likely past, present or material threat of release in, on, or at the property.

5.1.2 State and Tribal Database Findings

A Leaking Underground Storage Tank (LUST) and Underground Storage Tank (UST) listing for the property was identified in the state or tribal databases reviewed. Thirteen State Hazardous Waste Sites (SHWS) sites and fifteen LUST sites were identified within a ½-mile radius of the property, and one UST site was identified adjoining the property. To verify the database information and obtain additional relevant information, Newport Environmental conducted a regulatory file review at the Rhode Island Department of Environmental Management (RIDEM). Copies of supporting documents and reports obtained from the RIDEM files are included in Appendix H. A summary of relevant information available for these sites is discussed below:

COFFEY’S TEXACO (THE SUBJECT PROPERTY)
48 TOURO STREET

Databases: LUST and UST

Assumed Groundwater Gradient: West-Northwest

Regulatory Data Summary: According to RIDEM file information, in December 1984 an approximately 450-gallon release of gasoline occurred from a cross-over line between two 10000-gallon USTs at the property. Monitor wells were installed and the presence of separate-phase product (SPP) documented, and a groundwater remediation system was installed and operated for approximately three years. In October 1987 gasoline odors were reported during excavation work being conducted in the basement of the Florence K. Murray Judicial Building (courthouse). In October 1993 RIDEM issued a Notice of Violation (NOV) related to tank testing, spill containment and compliance requirements.

In March 1994, Separate Phase Petroleum (SPP) was discovered in a basement sump inside the courthouse and also in several monitoring wells at the property. The State Emergency Response Contractor (SERC) responded and conducted around-the-clock monitoring of the site for several weeks. The suspected source area was Coffey’s Texaco, and a failed precision tank test confirmed that a release had occurred from a 4000-gallon gasoline UST there. In April 1994 a defensive remedial system consisting of groundwater interception/treatment and soil vapor extraction (SVE) was installed in the courthouse. RIDEM issued another NOV, and in July 1994 a
Consent Agreement was entered for the containment, investigation and clean-up of the petroleum contamination.

In September 1994, four tanks (two 4000-gallon gasoline USTs, and two 1000-gallon USTs for heating oil and waste oil) and approximately 100 yards of impacted soil were removed from the property. Holes were noted in three of the USTs, and groundwater encountered in two of the tank graves exhibited a heavy sheen. During 1995, operation, maintenance, monitoring and pilot testing of a total fluids extraction/treatment system were conducted. In March 1996, a second Consent Agreement was entered to confirm the first.

In March 1998, SPP and vapors were discovered in an electrical manhole at Spring and Touro Streets, and due to the potential explosion hazard the SERC responded by pumping and venting the manhole. In April 1998, RIDEM approved the installation of a total fluids extraction/treatment system. In June 1998, SPP was discovered in a manhole at Court House and Hozier Streets, and emergency response actions consisted of pumping SPP and making subsurface structural modifications to the manhole. Routine manhole screening was incorporated into the weekly activities regimen, which included courthouse screening, groundwater gauging, manual bailing of SPP, and operation and maintenance of the SVE system.

By the end of 2000, eighteen monitor wells were being gauged and sampled for benzene toluene ethyl benzene xylenes (BTEX) and methyl tertiary butyl ether (MTBE) on a quarterly basis. In August 2001, passive recovery socks were installed in six monitor wells. During 2001 and 2002, approximately twenty-five monitor wells and a basement sump were sampled quarterly for BTEX and MTBE. Based on the status report results, in April 2003 RIDEM approved reducing the sampling frequency of fourteen wells to biannual. During 2003 to 2005 quarterly and biannual sampling events were conducted. In October 2005, RIDEM approved reducing the sampling frequency to include only those wells showing exceedance of the GB groundwater BTEX and MTBE standards within the last year, and gauging all remaining wells annually. During 2006 to 2008 approximately twelve wells were sampled. In October 2007, RIDEM approved reducing the sampling frequency of select wells from quarterly to tri-annually.

In April 2009, ten soil borings were collected on the property and in Court House Street to evaluate the extent of impacted soil in preparation for excavation related to improvements planned by the City of Newport. In October 2009, source-petroleum remedial excavation activities were conducted concurrently with the planned improvement activities. The purpose of the remedial excavation was, to the extent feasible, to reduce or eliminate severely impacted soil in Court House Street between the property and the courthouse. Based on field screening during excavation, approximately 736 tons of contaminated soil were removed.

During 2009 and 2010 approximately five monitor wells were sampled for BTEX and MTBE. In July 2010, RIDEM approved permanent removal of the SVE system, reduction of the vapor screening frequency, and installation of two additional wells. In November 2010, wells MW-30 and MW-31 were installed between the tank pad and the street to monitor potential migration of impacted groundwater and protect against any new off-site impacts. In April 2011, RIDEM approved additional reductions in the sampling requirements to include only tri-annual gauging and sampling of wells MW-15, MW-30 and MW-31. The last available historical data for those wells, collected in July 2011, indicated benzene concentrations of 500, 680, and 330 ppb, respectively (the GB standard is 140 ppb).

On December 28, 2011 RIDEM issued a No Further Action Letter, and the site status was changed to inactive. The December 28, 2011 No Further Action Letter from RIDEM states “The Department of Environmental Management reserves the right to require additional investigation and/or remediation if contamination attributable to this site is discovered in the future or if the land use changes.”
Discussion:
The issuance of a NFA Letter with usage restriction conditions effectively constitutes the implementation of a required control and as such meets the definition of a controlled recognized environmental condition (CREC) at the property.

TOURO SYNAGOGUE VISITOR CENTER
50-52 SPRING STREET
Databases: SHWS, BROWNFIELDS
Approximate Distance from the Property: Adjoining to the east
Assumed Groundwater Gradient: Downgradient
Regulatory Data Summary: According to RIDEM file information, in December 2005 during demolition activities immediately prior to visitor center construction, petroleum product was reported on standing infiltrated groundwater within the western portion of the existing site building foundation. Two types of product were observed, one very light tan and the other dark brown, which fingerprinting indicated most likely as No. 2 heating oil and motor oil. To evaluate potential for on-site petroleum sources test pits were completed inside and outside the foundation, which occupies the majority of the site parcel. The foundation slab, at about six feet below grade, appeared to be installed directly in contact with bedrock so samples could only be collected from two test pits located outside the foundation on the eastern portion of the site. No VOCs or TPH were detected in these samples. Also, one soil sample was collected at about eight feet below grade from an earthen-bottom sump located in the northwest corner of the foundation, and a TPH concentration of 3500 mg/kg was detected in this sample.

After historical research and field investigation identified no on-site petroleum sources, it was determined that the most likely off-site source was the Coffey’s Texaco site, but there was insufficient characterization to determine the extent to which contamination migrated from the Coffey's site into the sump at this site. In a June 2006 Letter of Recommendation (LOR), RIDEM approved a conceptual mitigation plan, specifying proper removal and disposal of impacted demolition debris, soils and groundwater during visitor center construction, installation of a sub-slab passive venting system and a liquid-proof and vapor-proof membrane, and recording of an Environmental Land Use Restriction (ELUR) for the site. In a December 2006 Order of Approval, RIDEM permitted the discharge of treated effluent from construction site dewatering. The visitor center opened in 2009. The site status is currently listed as active. No additional information was available.

Discussion: Based on the current regulatory status and absence of reported releases, this listing is not considered to represent a likely past, present or material threat of release to the property.

TOURO SYNAGOGUE
85 TOURO STREET
Databases: UST
Approximate Distance from the Property: 200 feet to the southeast
Assumed Groundwater Gradient: Downgradient
Regulatory Data Summary: According to RIDEM file information, around 1998 two heating oil USTs were permanently closed: a 2000-gallon UST installed 1950 on the northern portion of the site along Barney Street, and a 1000-gallon UST installed 1960 across Touro Street from the site. No additional information was available.

Discussion: Based on the distance and absence of reported releases, this listing is not considered to represent a likely past, present or material threat of release to the property.
PHASE I ENVIRONMENTAL SITE ASSESSMENT
Coffey’s Texaco
48 Touro Street
Newport, Rhode Island

COLONY HOUSE SUNOCO
29 SPRING STREET

**Databases:** LUST, UST, RCRA-NonGen

**Approximate Distance from the Property:** 70 feet to the north

**Assumed Groundwater Gradient:** Crossgradient and upgradient

**Regulatory Data Summary:** According to RIDEM file information, in November 1989 three Closure Certificates were issued for seven USTs at this site. First, a 4000-gallon gasoline UST (#1), two 6280-gallon gasoline USTs (#2 & #3), and a 250-gallon heating oil UST (#4) were removed from the site. Some free product was observed and removed via vacuum truck from the UST #1 tank grave. Soils from the tank graves had headspace screening values of <10ppm. During this first excavation two additional USTs were discovered: a pair of 3000-gallon gasoline USTs (#5 & #6). In this second excavation, no free product was observed and soils had headspace screening values of <20ppm. These USTs were filled in place with sand and concrete. Lastly, a 550-gallon waste oil UST (#7) was removed, with no notes reported. The LUST status of this site is indicated as soil removal only (SRO), with no further action required. No additional information was available.

**Discussion:** Based on the assumed groundwater gradient, distance and absence of reported releases this listing is not considered to represent a likely past, present or material threat of release to the property.

Based on distance, topography, assumed groundwater gradient, current regulatory status, and/or the absence of reported releases, none of the other sites listed in the state and tribal databases are considered to represent a likely past, present or material threat of release in, on, or at the property.

5.1.3 Local Environmental Records Sources

**Fire Department**

Newport Environmental visited the City of Newport Fire Department to obtain information regarding releases of hazardous materials, USTs and the use of hazardous chemicals at the subject property or adjacent properties. Fire Department records contained duplicates of documents obtained from RIDEM and discussed in Section 5.1.2. No additional historically or environmentally pertinent information was available from the Fire Department regarding the property or adjacent properties. Review of the Fire Department records did not identify past uses indicating *recognized environmental conditions* in, on, or at the property or surrounding area.

**City Clerk**

Newport Environmental visited the City of Newport Clerk’s Office to obtain information regarding USTs and the storage of hazardous materials at the subject property or adjacent properties. No historically or environmentally pertinent information was available from the Clerk’s Office regarding the property or adjacent properties.

**Water Utility**

Newport Environmental spoke with a representative of the City of Newport Water Department, who confirmed that the Department provides potable water utilities to the property and vicinity. There are no known problems with regard to the quality of drinking water supplied to the property area. The source of drinking water for the system is bedrock wells.
Sewer Utility

Newport Environmental spoke with a representative of the City of Newport Sewer Utility Department who confirmed that the Department provides municipal sanitary utilities to the property and vicinity. The sanitary sewer system is over a century old, and there are no known problems relating to the system.

Public Services

Newport Environmental spoke with a representative of the City of Newport Public Services Department who provided the excavation photos and utilities map shown in Appendix G.

Other Local Environmental Records Sources

No additional local environmental records sources were reviewed.

5.2 Physical Setting Sources

5.2.1 Topography

According to the United States Geological Survey (USGS), Newport, Rhode Island Quadrangle Map, the elevation at the property is approximately 35 feet above mean sea level (MSL). The property slopes downward to the west-northwest towards Newport Harbor, which is part of Rhode Island Sound in the Atlantic Ocean, and is located approximately 1,270 feet west of the property.

A copy of the topographic map is included in Appendix A.

5.2.2 Geology

According to the 1994 USGS Bedrock Geology Map of Rhode Island, the property area is underlain by Pennsylvanian Rock of the Narragansett Bay Group, Rhode Island Formation. This bedrock consists of arenite and shale.

5.2.3 Soils

According to the Soil Survey of Rhode Island, the property is classified mostly as Urban land complex. This complex consists of moderately well to excessively drained soils that have been disturbed by cutting or filling, and areas that are covered by buildings or pavement. Included in this mapping unit are small, intermingled areas of Udorthents. The soil in the immediate vicinity of the property to the east, south and west is classified as Newport-Urban land complex, which in the substratum layer has slow to very slow permeability thereby impeding the downward movement of water, and also is medium to very strongly acid.

5.2.4 Hydrology

Based upon the review of the USGS Topographic map depicting the property (see Appendix A), groundwater at the property is anticipated to flow generally to the west-northwest towards Newport Harbor, which is part of Rhode Island Sound in the Atlantic Ocean, and is located approximately 1,270 feet west of the property.

Estimated groundwater levels and/or flow direction(s) may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or dewatering operations.
5.2.5 Other Physical Setting Sources

Flood Plain Map

Newport Environmental reviewed the Newport County Flood Insurance Rate Map, Community Panel No. 44005C0177J, dated September 4, 2013, which indicated that the property is located within flood Zone X, an area of minimal flood risk.

Information obtained from the flood plain map is included in Appendix E.

Wetlands Map

According to the National Wetlands Inventory, obtained online from the United States Department of the Interior, there are no wetlands in the vicinity of the property. The nearest designated wetlands are associated with Newport Harbor, part of Rhode Island Sound in the Atlantic Ocean, and are located approximately 1,300 feet to the east of the property.

Information obtained from the National Wetlands Inventory map is included in Appendix E.
5.3 Historical Records Sources

The following table summarizes the findings of the research presented below pertaining to historical property and surrounding area uses.

<table>
<thead>
<tr>
<th>Period</th>
<th>Identified Historical Uses</th>
<th>Source(s)</th>
<th>Intervals/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Property</td>
<td>Surrounding Area</td>
</tr>
<tr>
<td>Prior to 1940</td>
<td>Commercial Residential</td>
<td>Tax Assessor</td>
<td>Minimal information was available prior to 1940. The data gaps did not result in data failure. The property remained relatively unchanged since at least back to 1884.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Title Records</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fire Insurance Maps</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aerial Photographs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Interviews</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>City Directories</td>
<td></td>
</tr>
<tr>
<td>1940 - 1960</td>
<td>Commercial Residential</td>
<td>Tax Assessor</td>
<td>Data gaps of greater than 5 years were noted. The data gaps did not result in data failure. The property remained unchanged.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Title Records</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fire Insurance Maps</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aerial Photographs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Interviews</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>City Directories</td>
<td></td>
</tr>
<tr>
<td>1961 - 1980</td>
<td>Commercial Residential</td>
<td>Tax Assessor</td>
<td>Data gaps of greater than 5 years were noted. The data gaps did not result in data failure. The property remained unchanged.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Title Records</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fire Insurance Maps</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aerial Photographs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Interviews</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>City Directories</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Title Records</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fire Insurance Maps</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aerial Photographs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Interviews</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>City Directories</td>
<td></td>
</tr>
<tr>
<td>2001 - present</td>
<td>Commercial Residential</td>
<td>Tax Assessor</td>
<td>No data gaps. The property remained unchanged.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Title Records</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fire Insurance Maps</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aerial Photographs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Interviews</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>City Directories</td>
<td></td>
</tr>
</tbody>
</table>

Interval gaps (greater than five years) were encountered during the research of historical use information for the property and surrounding area. However, based on the review of available historical sources, these data gaps did not have an impact on the REC determinations of this assessment and are not significant data gaps.

5.3.1 Aerial Photographs

Newport Environmental reviewed available aerial photographs of the property and surrounding area at EDR courtesy of the University of Rhode Island Geographical Information System. Available aerial photographs reviewed ranged from 1939 to 1992. The following are descriptions and interpretations from the aerial photograph review. Copies of reproducible aerial photographs are included in Appendix F.
PHASE I ENVIRONMENTAL SITE ASSESSMENT
Coffey’s Texaco
48 Touro Street
Newport, Rhode Island

AERIAL PHOTOGRAPH SUMMARY

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Property:</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1939</td>
<td>The property building footprint is depicted generally in its current configuration on the northern portion of the property. The southern portion is occupied by the original filling station. The northern and southern portions are separated by Spring Lane.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Surrounding Area:</strong> The surrounding area is depicted generally in its current configuration.</td>
<td></td>
</tr>
<tr>
<td>1951 &amp; 1962</td>
<td>Property: Same as previous generally.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Surrounding Area:</strong> Same as previous generally.</td>
<td></td>
</tr>
<tr>
<td>1972</td>
<td>Property: Same as previous generally, except former Spring Lane is now part of property.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Surrounding Area:</strong> Same as previous generally.</td>
<td></td>
</tr>
<tr>
<td>1976</td>
<td>Property and <strong>Surrounding Area:</strong> The image is fuzzy and cut off.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Surrounding Area:</strong> The surrounding area is depicted generally in its current configuration.</td>
<td></td>
</tr>
</tbody>
</table>

The review of aerial photographs did not identify past uses indicating recognized environmental conditions in, on, or at the property or surrounding area.

5.3.2 Fire Insurance Maps

A search for Sanborn fire insurance maps was conducted for the Site and surrounding area by EDR. Sanborn maps for the following dates were available: 1884, 1891, 1896, 1903, 1921, 1950, 1953, 1963, 1968, 1972 and 1990. The following are descriptions and interpretations from the fire insurance map review. Documentation is included in Appendix G.

FIRE INSURANCE MAP SUMMARY

<table>
<thead>
<tr>
<th>Year(s)</th>
<th>Property:</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1884</td>
<td>The northern and southern portions are separated by Spring Lane. The northern portion of the property is denoted with a residential structure and a shed. The southern portion is denoted with a hotel and carriage shed.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Surrounding Area:</strong> In addition to the former state house (Colony House), the surrounding area is denoted with residential and commercial usages, including a hotel, grocery, carriage factory, harness maker and cigar shop.</td>
<td></td>
</tr>
<tr>
<td>1891</td>
<td>Property: Same as previous generally.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Surrounding Area:</strong> Same as previous generally.</td>
<td></td>
</tr>
<tr>
<td>1896</td>
<td>Property: Same as previous generally.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Surrounding Area:</strong> Same as previous generally, with commercial usages including a metal works, tin shop, and blacksmith.</td>
<td></td>
</tr>
<tr>
<td>1903 &amp; 1921</td>
<td>Property: Same as previous generally.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Surrounding Area:</strong> Same as previous generally, with commercial usages including a brass fastener and electric motor shop, carriage repository, and laundry.</td>
<td></td>
</tr>
<tr>
<td>1950, 1953, 1963, 1968 &amp; 1972</td>
<td>Property: The property is denoted generally in its current configuration as a filling and service station. Three gasoline tanks are denoted on the eastern portion of the property. <strong>Surrounding Area:</strong> In addition to the court house and former state house, the surrounding area is denoted with residential and commercial usages including a bus terminal, restaurant, storefronts and another gasoline station to the north.</td>
<td></td>
</tr>
<tr>
<td>1990</td>
<td>Property: Same as previous generally.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Surrounding Area:</strong> Same as previous generally, with the bus terminal replaced by a commercial building.</td>
<td></td>
</tr>
</tbody>
</table>

The review of fire insurance maps did not identify past uses indicating recognized environmental conditions in, on, or at the property or surrounding area.
5.3.3 Property Tax Files

Newport Environmental reviewed reasonably ascertainable tax files at the City of Newport Tax of Assessor’s Office for historical ownership information pertaining to the property. The review of tax files identified Neill F. and Dianne C. Coffey as the current property owners. Documentation is included in Appendix G.

The review of tax files did not identify past uses indicating recognized environmental conditions in, on, or at the property or surrounding area.

5.3.4 Recorded Land Title Records

Newport Environmental reviewed recorded land title records for the property at the City of Newport Land Evidence Office. A summary of the available chain of title information follows. Documentation is included in Appendix G.

<table>
<thead>
<tr>
<th>Date</th>
<th>Ownership</th>
<th>Book/Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-15-1927</td>
<td>Nellie A. &amp; Ruth A. Hassard</td>
<td>119/461</td>
</tr>
<tr>
<td>11-8-1957</td>
<td>Nellie A. Hassard (undiv. ½ int. of Ruth A. Hassard)</td>
<td>194/416</td>
</tr>
<tr>
<td>8-29-1958</td>
<td>Nellie A. Hassard</td>
<td>196/415</td>
</tr>
<tr>
<td>8-29-1958</td>
<td>George B. Gold and Barbara M. (tenants in common)</td>
<td>196/416</td>
</tr>
<tr>
<td>4-9-1970</td>
<td>George B. Gold and Barbara M. (tenants in common)</td>
<td>229/255</td>
</tr>
<tr>
<td>9-22-1971</td>
<td>(Spring Lane abandonment by council)</td>
<td>233/237</td>
</tr>
<tr>
<td>6-13-1972</td>
<td>Decease of George B. Gold, by will to wife Barbara M. Gold</td>
<td>-</td>
</tr>
<tr>
<td>4-2-1973</td>
<td>Texaco, Inc.</td>
<td>238/322</td>
</tr>
<tr>
<td>5-17-1985</td>
<td>Texaco Refining and Marketing Inc.</td>
<td>338/397</td>
</tr>
<tr>
<td>5-17-1985</td>
<td>Neill F and Diane C. Coffey (Tenants by Entirety)</td>
<td>338/399</td>
</tr>
</tbody>
</table>

The review of land title records did not identify past uses indicating recognized environmental conditions in, on, or at the property or surrounding area.

5.3.5 Historical USGS Topographic Maps

Newport Environmental did not review historical USGS Topographic Maps for information regarding past uses of the property or surrounding area given the completeness of the other data sources.

5.3.6 City Directories

Research regarding the availability of historical city directories was obtained from EDR. City directories from 1961, 1966, 1972, 1999, 2003, 2008 and 2013 were reviewed. The property address and surrounding addresses listed in the city directories are generally as discussed in previous sections.

The review of the city directories did not identify past uses indicating recognized environmental conditions in, on, or at the property or surrounding area.
5.3.7 Building Department Records

Newport Environmental reviewed available historical building department records at the City of Newport Building Department for information regarding past uses of the property and surrounding area. No historically or environmentally pertinent use information was available for the property.

The review of the Building Department records did not identify past uses indicating recognized environmental conditions in, on, or at the property or surrounding area.

5.3.8 Zoning/Land Use Records

According to the City of Newport Planning Department, the property is zoned for general business and is located within an historical district. The surrounding area is zoned for general business and residential uses. No historical zoning information was available.

5.3.9 Prior Reports

No prior reports were made available for review, except for those obtained at RIDEM and previously discussed in Section 5.1.2.

5.3.10 Other Historical Sources

No other historical sources were reviewed.
6.0 SITE RECONNAISSANCE

The following is a summary of visual and/or physical observations of the property on the day of the site visit. Photographs can be found in Appendix C.

6.1 Methodology and Limiting Conditions

Newport Environmental conducted the site reconnaissance on March 17, 2014, accompanied by Mr. Neill Coffey, one of the property owners. The site reconnaissance consisted of visual and/or physical observations of the property and improvements, adjoining sites as viewed from the property, and the surrounding area based on visual observations made during the trip to and from the property. The property was observed along the perimeter and in a general grid pattern in safely accessible areas, if accessible and possible.

Visual observations of the property were not limited during the property reconnaissance. Weather conditions during reconnaissance were mostly cloudy and mild, and presented no limitations to inspection of the property.

6.2 Hazardous Substance Use, Storage, and Disposal

Newport Environmental observed small quantities of hazardous substances, motor oil, lubricants, antifreeze, cleaning supplies and maintenance products that are used and stored on the property. These substances are associated with the current property usage as an automobile filling and service station, and are stored in the original manufacturers packaging with individual capacities ranging from several ounces up to one gallon. Newport Environmental did not observe any evidence of disposal of these hazardous substances during the reconnaissance.

6.3 Underground Storage Tanks (USTs)

Newport Environmental observed two (2), 10,000-gallon gasoline single-wall, fiberglass USTs in use on the property associated with the current property usage as an automobile filling and service station. The current Certificate of Registration for these USTs and the most recent Compliance Certification Checklist for the UST Facility were obtained from RIDEM and are included in Appendix H. Given that the site has continued to operate single-wall UST systems since 2011 that would not meet current RIDEM requirements for “new” tanks, the presence of non-conforming USTs and continued use as a service station poses a material threat of a future release and is therefore a recognized environmental condition.

6.4 Aboveground Storage Tanks (ASTs)

Newport Environmental observed two (2), 275-gallon ASTs at the property: 1) in the garage area near the boiler room and used for heating oil storage, and 2) at the southern end of the mechanics pit and used for waste oil storage. No staining or odors were observed in the vicinity of the ASTs, except for de minimis conditions observed on the underlying floor areas. Reportedly, heating oil is supplied to the property by Taber Oil Co. of Middletown, RI, and waste oil recycling service is provided by Western Environmental Services of Lincoln, RI. Based on observed conditions, the ASTs do not represent a concern at this time.

6.5 Other Petroleum Products

Newport Environmental did not observe the use, storage or disposal of other petroleum products in, on or at the property, except for circular concrete patches in the east and west garage bays denoting the locations of former underground hydraulic lifts which were deactivated some time prior to 1984 and replaced with aboveground lifts. The presence of abandoned hydraulic lifts possibly containing reservoirs of hydraulic oil poses a material threat of a future release to the environment and as such is a recognized environmental condition.
6.6 Polychlorinated Biphenyls (PCBs)

Newport Environmental did not observe evidence of the use, storage or disposal of PCB-containing electrical or hydraulic equipment in, on or at the property, except for the former underground hydraulic lifts discussed in Section 6.5 above, which possibly contain hydraulic oils formulated with PCBs. Historically some types of hydraulic oils have contained significant concentrations of PCBs, and as a result may pose a material threat of a future release to the environment which constitutes a recognized environment condition.

6.7 Unidentified Substance Containers

Newport Environmental did not observe the presence of unidentified substance containers on the property.

6.8 Nonhazardous Solid Waste

Newport Environmental did not observe evidence of the generation, storage or disposal of nonhazardous solid waste on the property, with the exception of solid waste dumpster. The solid waste disposal service is provided by Patriot Disposal Inc. of Johnston, RI. Based on observed conditions, the non-hazardous waste does not represent a concern at this time.

6.9 Wastewater

The property is connected to the municipal sanitary sewer system. Newport Environmental did not observe evidence of wastewater generated, treated or discharged (except for sanitary sewage and stormwater) on the property during the property reconnaissance. According to the City of Newport Public Services Department, the property connection to the municipal sanitary sewer system was made in approximately 1900.

6.10 Waste Pits, Ponds and Lagoons

Newport Environmental did not observe evidence of waste pits, ponds or lagoons in, on or at the property.

6.11 Drains and Sumps

Newport Environmental did not observe evidence of drains or sumps in, on or at the property.

6.12 Septic Systems

Newport Environmental did not observe evidence of septic systems in, on or at the property.

6.13 Stormwater Management System

Newport Environmental did not observe any evidence of surface water, surface impoundments, retention ponds, dry wells, or other stormwater management systems in, on or at the property. Rainfall and stormwater occurring at the property is anticipated to flow along the pavement to the west towards catch basins located in Court House Street.

6.14 Wells

Newport Environmental did not observe evidence of wells in, on or at the property, except for the monitor wells associated with the CREC condition discussed in Section 5.1.2. The well locations are indicated on the Site Plan in Appendix B.
7.0 SUBSURFACE VAPOR MIGRATION

Newport Environmental conducted a limited screening for potential vapor encroachment conditions (VECs) that may affect the property. The VEC screening focused on the current and historical usage of the property and also utilized the aforementioned regulatory agency database report provided by EDR to evaluate identified Chemicals of Concern (COCs), including petroleum hydrocarbons. To identify the area of concern (AOC) for contaminated sites with non-petroleum hydrocarbon COCs, Newport Environmental utilized the approximate minimum search distance defined by ASTM E 2600-10 of 1,760 feet (1/3 mile) from the property boundary for COC-contaminated sites. For sites contaminated with petroleum hydrocarbon COCs, Newport Environmental utilized the AOC approximate minimum search distance of 528 feet (1/10 mile). The AOC was adjusted accordingly based on review of physical setting characteristics, known release information, property and land features, groundwater flow direction, and soil type, et al.

ASTM's Vapor Encroachment guidance indicates that when groundwater flow direction can be estimated or determined, the cross-gradient or downgradient radius distances can be significantly reduced. Newport Environmental calculated the reduced AOC distances when considering groundwater flow direction by utilizing the following default distances, which were determined using the Buonicore Methodology: (non-petroleum hydrocarbon COCs) 1,760 feet in the upgradient direction; 365 feet in the cross-gradient direction; and 100 feet in the downgradient direction and (petroleum hydrocarbon COCs) 528 feet in the upgradient direction; 165 feet in the cross-gradient direction if Light, Non-Aqueous Phase Liquid, (LNAPL i.e. floating product) is suspected; 95 feet in the cross-gradient direction if no LNAPL is suspected; 100 feet in the downgradient direction (LNAPL suspected); and 30 feet in the downgradient position (LNAPL not suspected).

The screening was further refined by evaluating the Critical Distance (CD) factor. The CD is the upper distance a vapor may migrate through soil in the vadose zone assuming the path of least resistance is directly from the closest boundary of the contaminated media (i.e. groundwater or soil) to the nearest property boundary, or in this case to the subject property building. For non-petroleum hydrocarbon COCs, the CD is 100 feet. For LNAPL petroleum hydrocarbon COCs, the CD is also 100 feet. For dissolved petroleum hydrocarbon COCs, the CD is 30 feet.

Newport Environmental reviewed potential sources of COCs obtained from the facilities reported on the EDR database report. Also, Newport Environmental evaluated contemporary plume data (laboratory results from 2011, groundwater flow direction, depth to groundwater, soil type, well locations and distances) obtained during the regulatory file review conducted at RIDEM. A copy of the EDR report is attached as Appendix E, and pertinent documentation obtained by Newport Environmental during the RIDEM file review is included in Appendix H. Given that the site has continued to operate single-wall UST systems since 2011 that would not meet current RIDEM requirements for “new” tanks, there continues to be an ongoing potential for vapor migration and as such a vapor encroachment recognized environmental condition is identified.
8.0 INTERVIEWS / RECORD OF COMMUNICATIONS

The following persons were interviewed to obtain information regarding recognized environmental conditions in connection with the property:

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Title and Company</th>
<th>Years Assoc. With Property</th>
<th>Interview Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Neil F. Coffey</td>
<td>Joint Owner, Coffey's Service Station</td>
<td>29 years</td>
<td>In person, telephone and writing</td>
</tr>
<tr>
<td>Local Govt. Official</td>
<td>Captain Kevin Garcia</td>
<td>Fire Prevention Officer, City of Newport Fire Department</td>
<td>N/A</td>
<td>In person</td>
</tr>
<tr>
<td>Local Govt. Official</td>
<td>Renee and Eileen</td>
<td>Clerks, City of Newport Assessor’s Office</td>
<td>N/A</td>
<td>In person</td>
</tr>
<tr>
<td>Local Govt. Official</td>
<td>Kathleen Monticone Silva</td>
<td>City Clerk, City of Newport Clerk’s Office</td>
<td>N/A</td>
<td>In person</td>
</tr>
<tr>
<td>Local Govt. Official</td>
<td>Laura Geraghty</td>
<td>Senior Clerk, City of Newport Land Evidence Division</td>
<td>N/A</td>
<td>In person</td>
</tr>
<tr>
<td>Local Govt. Official</td>
<td>Thomas Darby</td>
<td>Engineering Technician, City of Newport Department of Public Services</td>
<td>N/A</td>
<td>In person</td>
</tr>
<tr>
<td>Local Govt. Official</td>
<td>Stephanie Pires</td>
<td>Senior Clerk City of Newport Building Inspections Department</td>
<td>N/A</td>
<td>In person</td>
</tr>
<tr>
<td>Local Govt. Official</td>
<td>Melissa Barker</td>
<td>GIS Professional City of Newport Civic Investment (Planning) Department</td>
<td>N/A</td>
<td>In person</td>
</tr>
</tbody>
</table>

Pertinent information from the interviews is discussed in applicable sections of this report.
9.0 OTHER ENVIRONMENTAL CONDITIONS

9.1 Asbestos-Containing Materials (ACM)

Typical building materials that contain asbestos are found in a variety of types and uses. Frequently encountered types of asbestos containing materials (ACMs) used in building construction include floor tile, sheet flooring, mastic, carpet adhesive, ceiling tile, spray-applied acoustical/decorative ceiling materials, plaster, wallboard and wallboard joint compound, insulation, roofing and flashing, boiler construction materials and many other materials in common use prior to 1981. Materials that contain over one percent asbestos fibers are considered ACMs and must be handled according to Occupational Safety and Health Administration (OSHA) and EPA regulations if disturbed.

ACMs identified as “friable” (capable of being crumbled, pulverized, or reduced to a powder by hand pressure) have a greater potential for release of fibers to the atmosphere and are therefore of greater concern than non-friable materials. Friable ACMs that are damaged require renovation or removal and are therefore of greatest immediate concern.

Based on the scope of work for this Phase I ESA, an ACM survey was not conducted. Given that the property building was constructed circa 1940, the presence of ACM is possible in certain building construction materials. All suspect ACM should be properly assessed prior to disturbance from construction, renovation or maintenance activities.

9.2 Radon

Radon is a naturally occurring colorless, odorless gas that is a by-product of the decay of radioactive materials potentially present in bedrock and soil. The EPA guidance action level for annual residential exposure to radon is 4.0 picoCuries per liter of air (pCi/L). The guidance action level is not a regulatory requirement for private owners of commercial real estate, but is commonly used for comparison purposes to suggest whether further action at a building may be prudent.

Newport Environmental's review of published radon data from the USEPA and RIDOH indicates that the property is located in an area of medium propensity (“Zone 2”) with regard to the potential for elevated levels of radon gas, with predicted average indoor radon levels between 2.0 and 4.0 pCi/L. According to the RIDOH website http://county-radon.info/RI/Newport.html, of the 811 reported test property radon levels, 91.6% were less than 4 pCi/L, 7.9% were between 4 and 20 pCi/L, and 0.5% were higher than 20 pCi/L. According to the EDR Report, the Federal database average basement radon level is 1.294 pCi/L. Of the 17 reported test property radon levels, 94% were less than 4 pCi/L, 6% were between 4 and 20 pCi/L, and 0% were higher than 20 pCi/L.

Based on the scope of work for this Phase I ESA, radon sampling and screening was not conducted.

9.3 Lead in Drinking Water

Newport Environmental confirmed with the City of Newport Utilities Department Water Division that the municipally supplied water meets or exceeds all drinking water standards, including those for lead.

Based on the scope of work for this Phase I ESA, lead in drinking water testing was not conducted.

9.4 Lead-Based Paint (LBP)

Based on the scope of work for this Phase I ESA, an LBP survey was not conducted. Given that the property building was constructed circa 1940, the presence of LBP is possible on the building surfaces. Several small areas of flaking or peeling paint were observed by Newport Environmental during the
reconnaissance. All suspect LBP should be properly assessed prior to disturbance from construction, renovation or maintenance activities.

9.5 Additional User Requested Conditions

No additional User requested services were included in the scope of work for this ESA.
10.0 REFERENCES


Environmental Data Resources, Inc., EDR Radius Reports with GeoCheck®, dated May 29, 2014.


Environmental Data Resources, Inc., EDR Certified Sanborn Map Reports, dated May 16, 2014.


Soil information obtained from Soil Survey of Rhode Island.

Geologic information obtained from USGS Bedrock Geology Map of Rhode Island.


RIDEM Groundwater Classification & Well Head Protection Areas, Newport, Rhode Island.

Records on file with the City of Newport Fire Department.

Records on file with the City of Newport Planning Department.

Records on file with the City of Newport Tax Assessor’s Office and Land Evidence Division.

Records on file with the City of Newport City Clerk’s Office.

Records on file with the City of Newport Building Department.

Records on file with the City of Newport Public Utilities Department.
11.0 TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Italics indicate terms that are defined by ASTM Standard Practice E1527-13. The Standard Practice should be referenced for further detail (such as the precise wording), related definitions or additional explanation regarding the meaning of terms.

**Recognized environmental condition(s) (REC)** - the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

**Material threat** - a physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional (EP), is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage such that it may cause or contribute to tank integrity failure with a release of contents to the environment.

**De minimis** condition – is a condition that generally does 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 the appropriate governmental agencies. An example might include a release of **hazardous substances or petroleum products** that could reasonably and foreseeably result in a concentration exceeding the applicable regulatory agency risk-based residential standards or substantial damage to natural resources. The risk of that exposure or damage would represent a threat to human health or the environment. If an enforcement action would be less likely than not, then the condition is considered to be generally not likely the subject of an enforcement action. A condition determined to be *de minimis* is not a REC or controlled recognized environmental condition (CREC).

**Historical recognized environmental condition(s) (HREC)** - a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the EP must determine whether the past release is a REC at the time the assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition will be reported in Section 1.2 the Findings and Conclusions Summary table as a REC.

**Controlled recognized environmental condition (CREC)** - a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitation, institutional controls, or engineering controls). Per E1527-13, a CREC will be reported in the Section 1.2 Findings and Conclusions Summary table as a CREC and a REC.

**Migrate/migration** - refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.
APPENDIX A

SITE VICINITY MAP
APPENDIX B

ANNOTATED AERIAL MAP and SITE PLAN
APPENDIX C

SITE PHOTOGRAPHS
PHOTO 1: Looking north from Touro Street at the subject property - Coffey’s Service Station - which currently is Citgo branded. A monitor well (MW-2) remaining from the Coffey’s Texaco remediation project completed in 2011 is visible in the foreground. The brick building visible to the left across Court House Street is the former state house.

PHOTO 2: Looking northeast towards Spring Street from the subject property (left), showing the location of the former town spring, which is marked with a commemorative plaque (right).
PHOTO 3: Looking east from the subject property towards Spring and Barney Streets.

PHOTO 4: Looking southeast from the subject property, showing the western portion of the Touro Synagogue National Historic Site across Spring Street. Monitor well MW-1 is visible in the foreground.
PHOTO 5: Looking south-southwest from the subject property, showing the pump island, tank pad, and residential and commercial properties across Touro Street. Monitor wells MW-1 and MW-25 are visible.

PHOTO 6: Looking west-northwest from the subject property towards Court House Street and Park Place, showing the northeast portion of the Florence K. Murray Judicial Building (upper left).
PHOTO 7: Looking south from the intersection of Hozier and Court House Streets, showing the rear portion of the subject property building (white). The abutting office building property is visible to the lower and extreme left.

PHOTO 8: Looking southwest from the intersection of Spring and Hozier Streets, showing the landscaped eastern portion of the subject property (left), and the abutting office building (right) north of the subject property.
PHOTO 9: Looking west-southwest from Spring Street near the location of the previous photo showing the subject property boundary, which is approximated by the white retaining wall. The railing, also visible in the previous photo, protects an exterior stairwell leading down to the basement level of the abutting office building (right).
PHOTO 10: Looking north-northwest into the western service bay, showing aboveground lift and handwashing sink.

PHOTO 11: Looking north into the center service bay, showing mechanic’s pit opening.
PHOTO 12: Interior view looking north in the mechanic’s pit and sub-floor storage area.

PHOTO 13: Looking south, as above, showing waste oil UST.
PHOTO 14: Looking north-northeast into the eastern service bay, showing heating oil AST.

PHOTOS 15 & 16: Interior views in boiler room, showing boiler and storage area (left) and water meter pit (right).
PHOTOS 17 & 18: Interior views in rear storage area.

PHOTOS 19 & 20: Interior views showing employee restroom (left) and wall-mounted radiator (right).
APPENDIX D

USER PROVIDED DOCUMENTATION
ATTACHMENT
CLIENT QUESTIONNAIRE

Per ASTM Standard Practice E 1527-05, Section 6, User Responsibilities, the User of an ESA has specific obligations for performing tasks during the ESA that will help identify the possibility of recognized environmental conditions in connection with the Site. Failure by the User to fully comply with the requirements may result in a data gap being identified in the report and may impact their ability to use the report to help qualify for Landowner Liability Protections (LLPs) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). If this questionnaire is not returned to Newport Environmental prior to issuance of the draft report, then Newport Environmental assumes that the User does not have any information or actual knowledge pursuant to ASTM Standard Practice E 1527-05, Section 6, User Responsibilities. Newport Environmental makes no representations or warranties regarding a User's qualification for protection under any federal, state or local laws, rules or regulations.

Please complete the following and return immediately via email to:
Erik Gottlieb at egottlieb@newportenv.com.
If other parties are intending to be the Users of the ESA report, then please forward a copy of this questionnaire for them to complete and return to Newport Environmental.

<table>
<thead>
<tr>
<th>Site Name:</th>
<th>Coffey’s Texaco</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Address:</td>
<td>48 Touro Street, Newport, RI</td>
</tr>
<tr>
<td>Project Number:</td>
<td>NS0502</td>
</tr>
</tbody>
</table>

Please provide the following information (if available) per the requirements of ASTM E 1527-05.

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)
Are you aware of any environmental cleanup liens against the site that are filed or recorded under federal, tribal, state or local law? Yes ☒ or No ☐ If yes, please provide a description of the lien(s):

Lien filed under state law, RIDEM, 1994

2. Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)
Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? Yes ☐ or No ☒ If yes, please provide:
3. Specialized knowledge or experience of the person seeking to qualify for the Landowner Liability Protections (40 CFR 312.28)

Do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes ☑ or No ☐ If yes, please explain:

Gas station back to 1920’s

4. Relationship of the purchase price to the fair market value of the site if it were not contaminated (40 CFR 312.29)

a. Does the purchase price being paid for this site reasonably reflect the fair market value of the site?

Yes ☑ or No ☐

b. 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 site?

Yes ☐ or No ☐ If yes, please explain:

5. Commonly known or reasonably ascertainable information about the site (40 CFR 312.30)

Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

a. Do you know the past uses of the site? Yes ☑ or No ☐ If yes, please state:

Gas #3

b. Do you know of specific chemicals that are present or once were present at the site?

Yes ☑ or No ☐ If yes, please state:

Consistent with use as gas station

C. Do you know of spills or other chemical releases that have taken place at the site?

Yes ☑ or No ☐ If yes, please state:

Release 1994 (Claim) 2011
6. Do you know of any environmental cleanups that have taken place at the site?
   Yes ☐ or No ☒ if yes, please state:

   C. #9

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

Based on your knowledge and experience related to the site are there any obvious indicators that point to the presence or likely presence of contamination at the site?
   Yes ☒ or No ☐ if yes, please explain:

   residual impact from release / remediation

---

This questionnaire was completed by:

<table>
<thead>
<tr>
<th>Name:</th>
<th>NEILL F. COFFEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>OWNER</td>
</tr>
<tr>
<td>Company:</td>
<td>COFFEY'S SERVICE STATION</td>
</tr>
<tr>
<td>Address:</td>
<td>48 TOURO ST</td>
</tr>
<tr>
<td></td>
<td>NEWPORT, R.I. 02840</td>
</tr>
<tr>
<td>Signature:</td>
<td>[Signature]</td>
</tr>
<tr>
<td>Date:</td>
<td>5/16/14</td>
</tr>
</tbody>
</table>
HISTORIC PHOTO 1: Looking north at the subject property circa 1940's.
HISTORIC PHOTO 2: Looking north-northwest at the subject property circa 1940's.

HISTORIC PHOTO 3: Looking northwest at the subject property, as indicated in caption. A view of the subject property from a third floor window (arrow) in the Colony House is shown in the following photo.
HISTORIC PHOTO 4: Remarkable view looking south-southeast at the subject property from the third floor of the Colony House towards the intersection of Spring and Touro Streets. A major excavation and construction project appears to be progressing along Court House Street.
APPENDIX E

REGULATORY DATABASE REPORT
Coffeys Texaco  
48 Touro Street  
Newport, RI 02840  

Inquiry Number: 3945447.2s  
May 29, 2014
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Summary</td>
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<tr>
<td>Overview Map</td>
<td>2</td>
</tr>
<tr>
<td>Detail Map</td>
<td>3</td>
</tr>
<tr>
<td>Map Findings Summary</td>
<td>4</td>
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<tr>
<td>Map Findings</td>
<td>7</td>
</tr>
<tr>
<td>Orphan Summary</td>
<td>94</td>
</tr>
<tr>
<td>Government Records Searched/Data Currency Tracking</td>
<td>GR-1</td>
</tr>
</tbody>
</table>

## GEOCHECK ADDENDUM

| Physical Setting Source Addendum                   | A-1    |
| Physical Setting Source Summary                   | A-2    |
| Physical Setting SSURGO Soil Map                  | A-5    |
| Physical Setting Source Map                       | A-8    |
| Physical Setting Source Map Findings              | A-10   |
| Physical Setting Source Records Searched          | PSGR-1 |

*Thank you for your business.*

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

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

**TARGET PROPERTY INFORMATION**

**ADDRESS**

48 TOURO STREET  
NEWPORT, RI 02840

**COORDINATES**

Latitude (North): 41.4900000 - 41° 29' 24.00"
Longitude (West): 71.3127000 - 71° 18' 45.72"
Universal Tranverse Mercator: Zone 19
UTM X (Meters): 306934.2
UTM Y (Meters): 4595523.5
Elevation: 31 ft. above sea level

**USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

Target Property Map: 41071-D3 NEWPORT, RI  
Most Recent Revision: 1975

North Map: 41071-E3 PRUDENCE ISLAND, RI  
Most Recent Revision: 2000

**AERIAL PHOTOGRAPHY IN THIS REPORT**

Photo Year: 2012  
Source: USDA

**TARGET PROPERTY SEARCH RESULTS**

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<table>
<thead>
<tr>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>COFFEY’S</td>
<td>RI RGA LUST</td>
<td>N/A</td>
</tr>
<tr>
<td>48 TOURO STREET</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEWPORT, RI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COFFEY’S TEXACO</td>
<td>RI LUST</td>
<td>N/A</td>
</tr>
<tr>
<td>48 TOURO STREET</td>
<td>Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required</td>
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<tr>
<td>NEWPORT, RI</td>
<td></td>
<td></td>
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<tr>
<td>48 TOURO ST</td>
<td>EDR US Hist Auto Stat</td>
<td>N/A</td>
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<td>48 TOURO ST</td>
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<td></td>
</tr>
<tr>
<td>NEWPORT, RI 02840</td>
<td></td>
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</tr>
</tbody>
</table>
EXECUTIVE SUMMARY

COFFEY’S TEXACO
48 TOURO STREET
NEWPORT, RI

RI RGA LUST
N/A

COFFEY’S TEXACO
48 TOURO ST
NEWPORT, RI

RI UST
N/A

COFFEY’S (UST-734 & 671)
48 TOURO STREET
NEWPORT, RI

RI RGA LUST
N/A

COFFEY’S TEXACO
48 TRURO STREET
NEWPORT, RI 02840

NJ MANIFEST
N/A

TEXACO STA/COFFEYS SERVICE STATION
48 TOURO ST
NEWPORT, RI 02840

RCRA-SQG
RID987480811

FINDS
RI MANIFEST

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list
NPL_______________ National Priority List
Proposed NPL________ Proposed National Priority List Sites
NPL LIENS____________ Federal Superfund Liens

Federal Delisted NPL site list
Delisted NPL____________ National Priority List Deletions

Federal CERCLIS list
FEDERAL FACILITY________ Federal Facility Site Information listing

Federal CERCLIS NFRAP site list
CERC-NFRAP______________ CERCLIS No Further Remedial Action Planned
EXECUTIVE SUMMARY

**Federal RCRA CORRACTS facilities list**
CORRACTS, Corrective Action Report

**Federal RCRA non-CORRACTS TSD facilities list**
RCRA-TSDF, RCRA - Treatment, Storage and Disposal

**Federal RCRA generators list**
RCRA-LQG, RCRA - Large Quantity Generators
RCRA-CESQG, RCRA - Conditionally Exempt Small Quantity Generator

**Federal institutional controls / engineering controls registries**
US ENG CONTROLS, Engineering Controls Sites List
US INST CONTROL, Sites with Institutional Controls
LUCIS, Land Use Control Information System

**Federal ERNS list**
ERNS, Emergency Response Notification System

**State and tribal landfill and/or solid waste disposal site lists**
RI SWF/LF, Solid Waste Management Facilities
RI LCP, Landfill Closure Program Sites in RI

**State and tribal leaking storage tank lists**
INDIAN LUST, Leaking Underground Storage Tanks on Indian Land

**State and tribal registered storage tank lists**
RI AST, Aboveground Storage Tanks
INDIAN UST, Underground Storage Tanks on Indian Land
FEMA UST, Underground Storage Tank Listing

**State and tribal voluntary cleanup sites**
INDIAN VCP, Voluntary Cleanup Priority Listing

**ADDITIONAL ENVIRONMENTAL RECORDS**

**Local Brownfield lists**
US BROWNFIELD, A Listing of Brownfields Sites

**Local Lists of Landfill / Solid Waste Disposal Sites**
DEBRIS REGION 9, Torres Martinez Reservation Illegal Dump Site Locations
ODI, Open Dump Inventory
INDIAN ODI, Report on the Status of Open Dumps on Indian Lands
**Local Lists of Hazardous waste / Contaminated Sites**
- US CDL: Clandestine Drug Labs
- RI CDL: Clandestine Drug Lab Information Listing
- US HIST CDL: National Clandestine Laboratory Register

**Local Land Records**
- LIENS: CERCLA Lien Information

**Records of Emergency Release Reports**
- HMIRS: Hazardous Materials Information Reporting System
- RI SPILLS 90: SPILLS 90 data from FirstSearch

**Other Ascertainable Records**
- DOT OPS: Incident and Accident Data
- CONSENT: Superfund (CERCLA) Consent Decrees
- ROD: Records Of Decision
- UMTRA: Uranium Mill Tailings Sites
- US MINES: Mines Master Index File
- TRIS: Toxic Chemical Release Inventory System
- TSCA: Toxic Substances Control Act
- FTTS: FIFRA/ TSCA Tracking System
- HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
- SSTs: Section 7 Tracking Systems
- ICIS: Integrated Compliance Information System
- PADS: PCB Activity Database System
- MLTS: Material Licensing Tracking System
- RADINFO: Radiation Information Database
- RAATS: RCRA Administrative Action Tracking System
- RMP: Risk Management Plans
- RI NPDES: Permit and Facility Data
- RI LEAD: Lead Inspections Database
- INDIAN RESERV: Indian Reservations
- SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
- RI Financial Assurance: Financial Assurance Information
- PRP: Potentially Responsible Parties
- US FIN ASSUR: Financial Assurance Information
- COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
- US AIRS: Aerometric Information Retrieval System Facility Subsystem
- PCB TRANSFORMER: PCB Transformer Registration Database
- COAL ASH DOE: Steam-Electric Plant Operation Data
- EPA WATCH LIST: EPA WATCH LIST
- 2020 COR ACTION: 2020 Corrective Action Program List
- LEAD SMELTERS: Lead Smelter Sites

**EDR RECOVERED GOVERNMENT ARCHIVES**

**Exclusive Recovered Govt. Archives**
- RI RGA LF: Recovered Government Archive Solid Waste Facilities List
EXECUTIVE SUMMARY

RI RGA HWS, Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in bold italics are in multiple databases.

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there are 2 CERCLIS sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOD/NETC/GOULD ISLAND ELECTROP</td>
<td>NORTHERN END OF GOULD I SSE 0 - 1/8 (0.092 mi.)</td>
<td>26</td>
<td>33</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>LONG WHARF AREA</td>
<td>CORNER OF LONG WHARF &amp; W 1/4 - 1/2 (0.398 mi.)</td>
<td>R75</td>
<td>74</td>
<td></td>
</tr>
</tbody>
</table>

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 10 RCRA-SQG sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
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<tbody>
<tr>
<td>SCHOTT PETER J DMD</td>
<td>24 SPRING ST</td>
<td>NNE 0 - 1/8 (0.060 mi.)</td>
<td>C18</td>
<td>19</td>
</tr>
<tr>
<td>SCHOTT PETER J DMD</td>
<td>24 SPRING ST</td>
<td>NNE 0 - 1/8 (0.060 mi.)</td>
<td>C19</td>
<td>21</td>
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<tr>
<td>TILMAN NATHAN W DDS PC</td>
<td>3 BULL ST</td>
<td>NNE 0 - 1/8 (0.108 mi.)</td>
<td>E27</td>
<td>35</td>
</tr>
<tr>
<td>NEWPORT FAMILY PRACTICE</td>
<td>62 BROADWAY</td>
<td>NNE 1/8 - 1/4 (0.125 mi.)</td>
<td>E32</td>
<td>38</td>
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**EXECUTIVE SUMMARY**

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<th>Direction / Distance</th>
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<tbody>
<tr>
<td>NEWPORT MOTORCYCLE REPAIR</td>
<td>89 W BROADWAY</td>
<td>NNE 1/8 - 1/4 (0.168 mi.)</td>
<td>M48</td>
<td>52</td>
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<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEL NERO CLEANERS INC</td>
<td>11 FAREWELL ST</td>
<td>NNW 0 - 1/8 (0.078 mi.)</td>
<td>D23</td>
<td>27</td>
</tr>
<tr>
<td>NEW VISIONS FOR NEWPORT COUNTY</td>
<td>19 BROADWAY</td>
<td>N 0 - 1/8 (0.082 mi.)</td>
<td>25</td>
<td>31</td>
</tr>
<tr>
<td>BRUCE N SUNDERLAND DDS</td>
<td>37 LONG WHARF MALL</td>
<td>W 1/8 - 1/4 (0.156 mi.)</td>
<td>K42</td>
<td>46</td>
</tr>
<tr>
<td>ASPIRE DERMATOLOGY</td>
<td>51 LONG WHARF MALL</td>
<td>W 1/8 - 1/4 (0.163 mi.)</td>
<td>K45</td>
<td>50</td>
</tr>
<tr>
<td>G &amp; S AUTOMOTIVE</td>
<td>105 BROADWAY</td>
<td>NNE 1/8 - 1/4 (0.190 mi.)</td>
<td>M55</td>
<td>59</td>
</tr>
</tbody>
</table>

**State- and tribal - equivalent CERCLIS**

RI SHWS: This list includes sites that have been investigated under the Federal CERCLIS program (SFA sites) as well as sites that have notified under the state program or have been investigated for hazardous substances (HWM sites).

A review of the RI SHWS list, as provided by EDR, and dated 03/25/2014 has revealed that there are 23 RI SHWS sites within approximately 1 mile of the target property.

<table>
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<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
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<tbody>
<tr>
<td>TOURO SYNAGOGUE VISTORS CENTER</td>
<td>50-52 SPRING STREET</td>
<td>NE 0 - 1/8 (0.031 mi.)</td>
<td>B13</td>
<td>17</td>
</tr>
<tr>
<td>REDWOOD LIBRARY</td>
<td>50 BELLEVUE AVENUE</td>
<td>SE 1/4 - 1/2 (0.311 mi.)</td>
<td>69</td>
<td>71</td>
</tr>
<tr>
<td>NEWPORT HOUSING AUTHORITY</td>
<td>19 CHAPEL STREET</td>
<td>SE 1/4 - 1/2 (0.426 mi.)</td>
<td>78</td>
<td>78</td>
</tr>
<tr>
<td>NEWPORT XTRA MART</td>
<td>27 MEMORIAL BOULEVARD</td>
<td>SE 1/2 - 1 (0.586 mi.)</td>
<td>87</td>
<td>83</td>
</tr>
<tr>
<td>PEOPLE’S CREDIT UNION</td>
<td>43 MEMORIAL DRIVE</td>
<td>SE 1/2 - 1 (0.640 mi.)</td>
<td>89</td>
<td>86</td>
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<thead>
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<th>Direction / Distance</th>
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<tr>
<td>WEST MARLBOROUGH ST. PROPERTY</td>
<td>6 WEST MARLBOROUGH ST.</td>
<td>WNW 1/8 - 1/4 (0.153 mi.)</td>
<td>40</td>
<td>46</td>
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<tr>
<td>PELHAM PLACE</td>
<td>14 PELHAM STREET</td>
<td>SSW 1/4 - 1/2 (0.273 mi.)</td>
<td>67</td>
<td>70</td>
</tr>
<tr>
<td>NEWPORT HARBOR HOTEL AND MARIN</td>
<td>49 AMERICA’S CUP AVENUE</td>
<td>NW 1/4 - 1/2 (0.298 mi.)</td>
<td>68</td>
<td>71</td>
</tr>
<tr>
<td>MAINBRACE RESTAURANT</td>
<td>LONG WHARF</td>
<td>W 1/4 - 1/2 (0.329 mi.)</td>
<td>70</td>
<td>71</td>
</tr>
<tr>
<td>NEWPORT MARRIOTT</td>
<td>25 AMERICA’S CUP</td>
<td>SSW 1/4 - 1/2 (0.349 mi.)</td>
<td>71</td>
<td>72</td>
</tr>
<tr>
<td>EASTERN RESORTS (SEE LONG WHARF)</td>
<td>125-135 &amp; 126-128 LONG</td>
<td>W 1/4 - 1/2 (0.358 mi.)</td>
<td>Q72</td>
<td>72</td>
</tr>
<tr>
<td>INN ON LONG WHARF</td>
<td>142 LONG WHARF</td>
<td>W 1/4 - 1/2 (0.359 mi.)</td>
<td>Q73</td>
<td>73</td>
</tr>
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</table>

TC3945447.2s EXECUTIVE SUMMARY 6
## EXECUTIVE SUMMARY

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<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
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</tr>
</thead>
<tbody>
<tr>
<td>COLONY HOUSE SUNOCO</td>
<td>29 SPRING STREET</td>
<td>NNE 0 - 1/8 (0.029 mi.)</td>
<td>B10</td>
<td>14</td>
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<tr>
<td>NYNEX CTL OFF</td>
<td>20 BULL ST</td>
<td>ENE 1/8 - 1/4 (0.126 mi.)</td>
<td>H34</td>
<td>41</td>
</tr>
<tr>
<td>HOTEL VIKING</td>
<td>ONE BELLEVUE AVENUE</td>
<td>SE 1/8 - 1/4 (0.220 mi.)</td>
<td>O59</td>
<td>62</td>
</tr>
<tr>
<td>BELLEVUE MANOR (BED AND BREAK)</td>
<td>10 BELLEVUE AVE</td>
<td>SE 1/8 - 1/4 (0.239 mi.)</td>
<td>O66</td>
<td>69</td>
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<tr>
<td>MCGF INC.</td>
<td>176 BROADWAY</td>
<td>NNE 1/4 - 1/2 (0.421 mi.)</td>
<td>77</td>
<td>78</td>
</tr>
<tr>
<td>NEWPORT HOUSING AUTHORITY</td>
<td>19 CHAPEL STREET</td>
<td>SE 1/4 - 1/2 (0.426 mi.)</td>
<td>78</td>
<td>78</td>
</tr>
</tbody>
</table>

### State and tribal leaking storage tank lists

RI LUST: The LUST Case List is a summary of UST Facilities in RI with leaking USTs, which includes information on the date of release discovery and the status of the LUST Case (active, soil removal only, or inactive).

A review of the RI LUST list, as provided by EDR, and dated 02/07/2014 has revealed that there are 15 RI LUST sites within approximately 0.5 miles of the target property.
EXECUTIVE SUMMARY

State and tribal registered storage tank lists

RI UST: The UST Master List is a summary of registered UST Facilities in RI, which includes information on abandoned, in use, permanently closed and temporarily closed USTs.

A review of the RI UST list, as provided by EDR, and dated 02/07/2014 has revealed that there are 26 RI UST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>U S POST OFFICE (FORMER)</td>
<td>195 BROADWAY</td>
<td>NNE 1/4 - 1/2 (0.461 mi.)</td>
<td>80</td>
<td>79</td>
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<tr>
<td>Facility Status: Inactive; Investigation/Remed. Complete,No Further Action Required</td>
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</tbody>
</table>

<table>
<thead>
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<tbody>
<tr>
<td>DEL NERO CLEANERS INC.</td>
<td>11 FAREWELL ST</td>
<td>NNW 0 - 1/8 (0.078 mi.)</td>
<td>D22</td>
<td>24</td>
</tr>
<tr>
<td>Facility Status: Active; Investigation/Remed. Required</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>MARTIN LUTHER KING COMMUNITY C</td>
<td>N 1/8 - 1/4 (0.178 mi.)</td>
<td>52</td>
<td>57</td>
<td></td>
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</tr>
<tr>
<td>FOLEY’S GULF SERVICE</td>
<td>NNE 1/8 - 1/4 (0.190 mi.)</td>
<td>M54</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>Facility Status: Inactive; Investigation/Remed. Complete,No Further Action Required</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>PELHAM PLACE</td>
<td>14 PELHAM STREET</td>
<td>SSW 1/4 - 1/2 (0.273 mi.)</td>
<td>67</td>
<td>70</td>
</tr>
<tr>
<td>Facility Status: Active; Investigation/Remed. Required</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMERICAN SHIPYARD LLC.</td>
<td>1 WASHINGTON ST</td>
<td>W 1/4 - 1/2 (0.398 mi.)</td>
<td>R76</td>
<td>76</td>
</tr>
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<td>Facility Status: Inactive; Investigation/Remed. Complete,No Further Action Required</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>NEWPORT HARBOR CENTER</td>
<td>365 THAMES ST</td>
<td>SSW 1/4 - 1/2 (0.476 mi.)</td>
<td>S82</td>
<td>80</td>
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<tr>
<td>Facility Status: Inactive; Investigation/Remed. Complete,No Further Action Required</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HUNT HOUSE</td>
<td>54 WASHINGTON STREET</td>
<td>WNW 1/4 - 1/2 (0.484 mi.)</td>
<td>83</td>
<td>80</td>
</tr>
<tr>
<td>Facility Status: Inactive; Investigation/Remed. Complete,No Further Action Required</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEWPORT LIBRARY</td>
<td>300 SPRING ST</td>
<td>S 1/4 - 1/2 (0.499 mi.)</td>
<td>84</td>
<td>81</td>
</tr>
<tr>
<td>Facility Status: Inactive; Investigation/Remed. Complete,No Further Action Required</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## EXECUTIVE SUMMARY

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

RI AUL: This list was developed by RIDEM for use as a general reference and are not meant to be legally authoritative source for the location of hazardous materials, nor for the status, condition or permissible use of a site.

A review of the RI AUL list, as provided by EDR, and dated 01/27/2014 has revealed that there are 6 RI AUL sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEST MARLBOROUGH ST.</td>
<td>6 WEST MARLBOROUGH ST.</td>
<td>WNW 1/8 - 1/4 (0.153 mi.)</td>
<td>40</td>
<td>46</td>
</tr>
<tr>
<td>MAINBRACE RESTAURANT</td>
<td>LONG WHarf</td>
<td>W 1/4 - 1/2 (0.329 mi.)</td>
<td>70</td>
<td>71</td>
</tr>
<tr>
<td>NEWPORT MARRIOTT</td>
<td>25 AMERICA’S CUP</td>
<td>SSW 1/4 - 1/2 (0.349 mi.)</td>
<td>71</td>
<td>72</td>
</tr>
<tr>
<td>INN ON LONG WHarf</td>
<td>142 LONG WHarf</td>
<td>W 1/4 - 1/2 (0.359 mi.)</td>
<td>Q73</td>
<td>73</td>
</tr>
<tr>
<td>CHRISTIE’S</td>
<td>351 THAMES STREET</td>
<td>SSW 1/4 - 1/2 (0.439 mi.)</td>
<td>79</td>
<td>79</td>
</tr>
<tr>
<td>INN ON THE HARBOR</td>
<td>359 THAMES STREET</td>
<td>SSW 1/4 - 1/2 (0.466 mi.)</td>
<td>S81</td>
<td>79</td>
</tr>
</tbody>
</table>

### State and tribal Brownfields sites

RI BROWNFIELDS: Brownfields are real properties where the expansion, redevelopment or reuse may be complicated by the actual or potential presence of a hazardous substance, pollutant, or contaminant.

A review of the RI BROWNFIELDS list, as provided by EDR, and dated 01/27/2014 has revealed that there are 13 RI BROWNFIELDS sites within approximately 0.5 miles of the target property.

<table>
<thead>
<tr>
<th>Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOURO SYNAGOGUE VISITORS CENTER</td>
<td>50-52 SPRING STREET</td>
<td>NE 0 - 1/8 (0.031 mi.)</td>
<td>B13</td>
<td>17</td>
</tr>
<tr>
<td>REDWOOD LIBRARY</td>
<td>50 BELLEVUE AVENUE</td>
<td>SE 1/4 - 1/2 (0.311 mi.)</td>
<td>69</td>
<td>71</td>
</tr>
<tr>
<td>NEWPORT HOUSING AUTHORITY</td>
<td>19 CHAPEL STREET</td>
<td>SE 1/4 - 1/2 (0.426 mi.)</td>
<td>78</td>
<td>78</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEST MARLBOROUGH ST.</td>
<td>6 WEST MARLBOROUGH ST.</td>
<td>WNW 1/8 - 1/4 (0.153 mi.)</td>
<td>40</td>
<td>46</td>
</tr>
<tr>
<td>PELHAM PLACE</td>
<td>14 PELHAM STREET</td>
<td>SSW 1/4 - 1/2 (0.273 mi.)</td>
<td>67</td>
<td>70</td>
</tr>
<tr>
<td>NEWPORT MARriott</td>
<td>25 AMERICA’S CUP</td>
<td>SSW 1/4 - 1/2 (0.349 mi.)</td>
<td>71</td>
<td>72</td>
</tr>
<tr>
<td>MAINBRACE RESTAURANT</td>
<td>142 LONG WHarf</td>
<td>W 1/4 - 1/2 (0.359 mi.)</td>
<td>Q73</td>
<td>73</td>
</tr>
<tr>
<td>EASTERN RESORTS (SEE LONG WHAR)</td>
<td>125-135 &amp; 126-128 LONG</td>
<td>W 1/4 - 1/2 (0.358 mi.)</td>
<td>Q72</td>
<td>72</td>
</tr>
</tbody>
</table>
EXECUTIVE SUMMARY

INN ON LONG WHARF
142 LONG WHARF
W 1/4 - 1/2 (0.359 mi.)
Q73 73

LONG WHARF PUMPING STATION
351 THAMES STREET
SSW 1/4 - 1/2 (0.439 mi.)
79 79

CHRISTIE’S
359 THAMES STREET
SSW 1/4 - 1/2 (0.466 mi.)
S81 79

INN ON THE HARBOR
359 THAMES STREET
SSW 1/4 - 1/2 (0.466 mi.)
S81 79

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/11/2014 has revealed that there are 11 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

NARRAGANSETT ELECTRIC
SPRING AND TOURO ST (MH S 0 - 1/8 (0.024 mi.)
A9 13

SUNOCO STA/COFFEYS SUNOCO
29 SPRING & HOZIER STS
NNE 0 - 1/8 (0.029 mi.)
B12 15

KAUFMAN HALI J DMD
20 SPRING ST UNIT 1
NNE 0 - 1/8 (0.064 mi.)
C20 23

NYNEX CTL OFF
20 BULL ST
ENE 1/8 - 1/4 (0.126 mi.)
H34 41

AQUIDNECK AUTO SUPPLY
77 W BROADWAY
NNE 1/8 - 1/4 (0.151 mi.)
J39 44

METROPOLITAN CLEANERS
132 SPRING ST
S 1/8 - 1/4 (0.162 mi.)
L43 48

HUD BROADWAY WEST BROADWAY PRO94 BROADWAY
NNE 1/8 - 1/4 (0.173 mi.)
M50 55

MANHOLE
SPRING ST & MILL ST
S 1/8 - 1/4 (0.224 mi.)
P62 64

NARRAGANSETT ELECTRIC
MILL AND SPRING ST
S 1/8 - 1/4 (0.226 mi.)
P63 65

Lower Elevation

ANTIQUES CLOCK RESTORATION
79 THAMES ST
NW 1/8 - 1/4 (0.169 mi.)
49 54

CITY AUTO BODY
11 BRIDGE ST
NW 1/8 - 1/4 (0.235 mi.)
65 67

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

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

DOD: SPRING AND TOURO ST (MH
NNE 1/8 - 1/4 (0.224 mi.)
M 12

NEWPORT NAVAL EDUCATIONAL AND PRODUCTION CENTER
NNW 1/2 - 1 (0.800 mi.)
0 12
EXECUTIVE SUMMARY

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

A review of the FUDS list, as provided by EDR, and dated 12/31/2012 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOAT ISLAND NAVAL BASE</td>
<td>W 1/2 - 1 (0.780 mi.)</td>
<td>U97 93</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RI MANIFEST: Hazardous waste manifest information

A review of the RI MANIFEST list, as provided by EDR, and dated 12/31/2012 has revealed that there are 10 RI MANIFEST sites within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Equal/Higher Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCHOTT PETER J DMD</td>
<td>24 SPRING ST</td>
<td>NNE 0 - 1/8 (0.060 mi.)</td>
<td>C18 19</td>
<td>19</td>
</tr>
<tr>
<td>SCHOTT PETER J DMD</td>
<td>24 SPRING ST</td>
<td>NNE 0 - 1/8 (0.060 mi.)</td>
<td>C19 21</td>
<td>21</td>
</tr>
<tr>
<td>TILMAN NATHAN W DDS PC</td>
<td>3 BULL ST</td>
<td>NNE 0 - 1/8 (0.108 mi.)</td>
<td>E27 35</td>
<td>35</td>
</tr>
<tr>
<td>NEWPORT FAMILY PRACTICE</td>
<td>62 BROADWAY</td>
<td>NNE 1/8 - 1/4 (0.125 mi.)</td>
<td>E32 38</td>
<td>38</td>
</tr>
<tr>
<td>NYNEX CTL OFF</td>
<td>20 BULL ST</td>
<td>ENE 1/8 - 1/4 (0.126 mi.)</td>
<td>H34 41</td>
<td>41</td>
</tr>
<tr>
<td>AQUIDNECK AUTO SUPPLY</td>
<td>77 W BROADWAY</td>
<td>NNE 1/8 - 1/4 (0.151 mi.)</td>
<td>J39 44</td>
<td>44</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEL NERO CLEANERS INC</td>
<td>11 FAREWELL ST</td>
<td>NNW 0 - 1/8 (0.078 mi.)</td>
<td>D23 27</td>
<td>27</td>
</tr>
<tr>
<td>NEW VISIONS FOR NEWPORT COUNTY</td>
<td>19 BROADWAY</td>
<td>N 0 - 1/8 (0.082 mi.)</td>
<td>25 31</td>
<td>31</td>
</tr>
<tr>
<td>BRUCE N SUNDERLAND DDS</td>
<td>37 LONG WHARF MALL</td>
<td>W 1/8 - 1/4 (0.156 mi.)</td>
<td>K42 46</td>
<td>46</td>
</tr>
<tr>
<td>CITY AUTO BODY</td>
<td>11 BRIDGE ST</td>
<td>NW 1/8 - 1/4 (0.235 mi.)</td>
<td>65 67</td>
<td>67</td>
</tr>
</tbody>
</table>

RI DRYCLEANERS: A listing of drycleaner locations.

A review of the RI DRYCLEANERS list, as provided by EDR, and dated 12/31/2011 has revealed that there is 1 RI DRYCLEANERS site within approximately 0.25 miles of the target property.

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEL NERO CLEANERS INC.</td>
<td>11 FAREWELL ST</td>
<td>NNW 0 - 1/8 (0.078 mi.)</td>
<td>D22 24</td>
<td>24</td>
</tr>
</tbody>
</table>

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR MGP list, as provided by EDR, has revealed that there are 2 EDR MGP sites within
approximately 1 mile of the target property.

### EDR US Hist Auto Stat

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROVIDENCE GAS #1</td>
<td>543 THAMES ST (WELLINGT)</td>
<td>S 1/2 - 1 (0.756 mi.)</td>
<td>T93</td>
<td>89</td>
</tr>
<tr>
<td>PROVIDENCE GAS #2</td>
<td>543 THAMES ST</td>
<td>S 1/2 - 1 (0.756 mi.)</td>
<td>T94</td>
<td>89</td>
</tr>
</tbody>
</table>

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

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 2 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

### EDR US Hist Cleaners

<table>
<thead>
<tr>
<th>Lower Elevation</th>
<th>Address</th>
<th>Direction / Distance</th>
<th>Map ID</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not reported</td>
<td>117 SWINBURNE ROW</td>
<td>WSW 1/8 - 1/4 (0.156 mi.)</td>
<td>I41</td>
<td>46</td>
</tr>
<tr>
<td>Not reported</td>
<td>105 BROADWAY</td>
<td>NNE 1/8 - 1/4 (0.190 mi.)</td>
<td>M56</td>
<td>60</td>
</tr>
</tbody>
</table>

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

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 4 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.
Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Database(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROBERT E. DERECKTOR</td>
<td>RCRA NonGen / NLR, FINDS, RAATS, NY MANIFEST, RI MANIFEST, US AIRS</td>
</tr>
<tr>
<td>HOPE ISLAND</td>
<td>CERC-NFRAP, RI SHWS, RI BROWNFIELDS</td>
</tr>
<tr>
<td>NATIONAL GRID PROPERTY - NEWPORT</td>
<td>RI SHWS, RI BROWNFIELDS</td>
</tr>
<tr>
<td>HARRISON AVENUE DUMP</td>
<td>CERC-NFRAP, RI SHWS, RI BROWNFIELDS</td>
</tr>
<tr>
<td>ROSE ISLAND</td>
<td>CERC-NFRAP, RI SHWS, RI BROWNFIELDS</td>
</tr>
<tr>
<td>NEWPORT VOCATIONAL SCHOOL</td>
<td>RI SHWS, RI BROWNFIELDS</td>
</tr>
<tr>
<td>NAVAL EDUCATION AND TRAINING CENTE</td>
<td>RI AST</td>
</tr>
<tr>
<td>NAVAL EDUCATION AND TRAINING CENTE</td>
<td>RI AST</td>
</tr>
<tr>
<td>NAVAL EDUCATION AND TRAINING CENTE</td>
<td>RI AST</td>
</tr>
<tr>
<td>NAVAL EDUCATION AND TRAINING CENTE</td>
<td>RI AST</td>
</tr>
<tr>
<td>NAVAL EDUCATION AND TRAINING CENTE</td>
<td>RI AST</td>
</tr>
<tr>
<td>NEWPORT BIODEISEL</td>
<td>RI AST</td>
</tr>
<tr>
<td>DEPT. OF THE NAVY-BUILDING #68</td>
<td>RCRA NonGen / NLR, RI MANIFEST, NY MANIFEST</td>
</tr>
<tr>
<td>MOBIL STA/235</td>
<td>NY MANIFEST</td>
</tr>
<tr>
<td>SIPCO SERVICES</td>
<td>RCRA-LQG, RI MANIFEST</td>
</tr>
<tr>
<td>BELL ATLANTIC</td>
<td>RCRA-SQG, RI MANIFEST</td>
</tr>
<tr>
<td>MUSEUM OF YACHTING THE</td>
<td>RCRA NonGen / NLR, RI MANIFEST</td>
</tr>
<tr>
<td>MH#391 LONG WHARF</td>
<td>RCRA NonGen / NLR</td>
</tr>
<tr>
<td>MANHOLE</td>
<td>RI RGA LUST</td>
</tr>
<tr>
<td>TEXACO SERVICE STATION</td>
<td></td>
</tr>
</tbody>
</table>
### Standard Environmental Records

#### Federal NPL Site List
- **NPL**: 1.000 miles
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - 0 properties within 1/4 - 1/2 mile
  - 0 properties within 1/2 - 1 mile
  - NR properties >1 mile
  - Total Plotted: 0

- **Proposed NPL**: 1.000 miles
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - 0 properties within 1/4 - 1/2 mile
  - 0 properties within 1/2 - 1 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### Federal Delisted NPL Site List
- **Delisted NPL**: 1.000 miles
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - 0 properties within 1/4 - 1/2 mile
  - 0 properties within 1/2 - 1 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### Federal CERCLIS List
- **CERCLIS**: 0.500 mile
  - 1 property within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - 1 property within 1/4 - 1/2 mile
  - NR properties >1 mile
  - Total Plotted: 2

- **FEDERAL FACILITY**: 0.500 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - 0 properties within 1/4 - 1/2 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### Federal CERCLIS NFRAP Site List
- **CERC-NFRAP**: 0.500 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - 0 properties within 1/4 - 1/2 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### Federal RCRA CORRACTS Facilities List
- **CORRACTS**: 1.000 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - 0 properties within 1/4 - 1/2 mile
  - 0 properties within 1/2 - 1 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### Federal RCRA Non-CORRACTS TSD Facilities List
- **RCRA-TSDF**: 0.500 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - 0 properties within 1/4 - 1/2 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### Federal RCRA Generators List
- **RCRA-LQG**: 0.250 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - NR properties >1 mile
  - Total Plotted: 0

- **RCRA-SQG**: 0.250 mile
  - 1 property within <1/8 mile
  - 5 properties within 1/8 - 1/4 mile
  - 5 properties within 1/4 - 1/2 mile
  - NR properties >1 mile
  - Total Plotted: 11

- **RCRA-CESQG**: 0.250 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### Federal Institutional Controls / Engineering Controls Registries
- **US ENG CONTROLS**: 0.500 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - NR properties >1 mile
  - Total Plotted: 0

- **US INST CONTROL**: 0.500 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - NR properties >1 mile
  - Total Plotted: 0

- **LUCIS**: 0.500 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### Federal ERNS List
- **ERNS**: TP
  - NR properties >1 mile
  - Total Plotted: 0

#### State- and Tribal - Equivalent CERCLIS
- **RI SHWS**: 1.000 mile
  - 1 property within <1/8 mile
  - 1 property within 1/8 - 1/4 mile
  - 11 properties within 1/4 - 1/2 mile
  - 10 properties within 1/2 - 1 mile
  - NR properties >1 mile
  - Total Plotted: 23

#### State and Tribal Landfill and/or Solid Waste Disposal Site Lists
- **RI SWF/LF**: 0.500 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - NR properties >1 mile
  - Total Plotted: 0

- **RI LCP**: 0.500 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### State and Tribal Leaking Storage Tank Lists
- **RI LUST**: 0.500 mile
  - 1 property within <1/8 mile
  - 2 properties within 1/8 - 1/4 mile
  - 5 properties within 1/4 - 1/2 mile
  - 8 properties within 1/2 - 1 mile
  - NR properties >1 mile
  - Total Plotted: 16

- **INDIAN LUST**: 0.500 mile
  - 0 properties within <1/8 mile
  - 0 properties within 1/8 - 1/4 mile
  - NR properties >1 mile
  - Total Plotted: 0

#### State and Tribal Registered Storage Tank Lists
- **RI UST**: 0.250 mile
  - 1 property within <1/8 mile
  - 9 properties within 1/8 - 1/4 mile
  - 17 properties within 1/4 - 1/2 mile
  - NR properties >1 mile
  - Total Plotted: 27
### MAP FINDINGS SUMMARY

<table>
<thead>
<tr>
<th>Database</th>
<th>Search Distance (Miles)</th>
<th>Target Property</th>
<th>&lt; 1/8</th>
<th>1/8 - 1/4</th>
<th>1/4 - 1/2</th>
<th>1/2 - 1</th>
<th>&gt; 1</th>
<th>Total Plotted</th>
</tr>
</thead>
<tbody>
<tr>
<td>RI AST</td>
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### ADDITIONAL ENVIRONMENTAL RECORDS

| Local Brownfield lists       |                         |                 |       |           |           |         |     |               |
| US BROWNFIELDS               | 0.500                   |                 | 0     | 0         | 0         | NR      | NR | 0             |
| **Local Lists of Landfill / Solid Waste Disposal Sites** |                         |                 |       |           |           |         |     |               |
| DEBRIS REGION 9              | 0.500                   |                 | 0     | 0         | 0         | NR      | NR | 0             |
| ODI                         | 0.500                   |                 | 0     | 0         | 0         | NR      | NR | 0             |
| INDIAN ODI                  | 0.500                   |                 | 0     | 0         | 0         | NR      | NR | 0             |
| **Local Lists of Hazardous waste / Contaminated Sites** |                         |                 |       |           |           |         |     |               |
| US CDL                      |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
| RI CDL                      |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
| US HIST CDL                 |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
| **Local Land Records**      |                         |                 |       |           |           |         |     |               |
| LIENS 2                     |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
| **Records of Emergency Release Reports** |                         |                 |       |           |           |         |     |               |
| HMIRS                       |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
| RI SPILLS                   |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
| RI SPILLS 90                |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
| **Other Ascertainable Records** |                         |                 |       |           |           |         |     |               |
| RCRA NonGen / NLR           | 0.250                   |                 | 3     | 8         | NR        | NR      | NR | 11            |
| DOT OPS                     |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
| DOD                         | 1.000                   |                 | 0     | 0         | 0         | 1       | NR | 1             |
| FUDS                        | 1.000                   |                 | 0     | 0         | 0         | 0       | NR | 0             |
| CONSENT                     | 1.000                   |                 | 0     | 0         | 0         | 0       | NR | 0             |
| ROD                         | 1.000                   |                 | 0     | 0         | 0         | 0       | NR | 0             |
| UMTRA                       | 0.500                   |                 | 0     | 0         | 0         | NR      | NR | 0             |
| US MINES                    | 0.250                   |                 | 0     | 0         | NR        | NR      | NR | 0             |
| TRIS                        |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
| TSCA                        |                         | TP              | NR    | NR        | NR        | NR      | NR | 0             |
# MAP FINDINGS SUMMARY

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## EDR HIGH RISK HISTORICAL RECORDS

### EDR Exclusive Records

| EDR MGP                      | 1.000 | 0 | 0 | 0 | 2 | NR | 2 |
| EDR US Hist Auto Stat       | 0.250 | 1 | 0 | 2 | NR | NR | 3 |
| EDR US Hist Cleaners        | 0.250 | 2 | 2 | NR | NR | 0 | 4 |

## EDR RECOVERED GOVERNMENT ARCHIVES

### Exclusive Recovered Govt. Archives

| RI RGA LF                  | TP | NR | NR | NR | NR | NR | 0 |
| RI RGA LUST                | TP | 3  | NR | NR | NR | NR | 3 |
| RI RGA HWS                 | TP | NR | NR | NR | NR | NR | 0 |

**NOTES:**

- **TP** = Target Property
- **NR** = Not Requested at this Search Distance
- Sites may be listed in more than one database
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(Continued)

**Name:** COFFEYS SERVICE STATION  
**Year:** 2012  
**Address:** 48 TOURO ST

**A4**  
**Target:** COFFEY'S TEXACO  
**Property:** 48 TOURO STREET  
**Property:** NEWPORT, RI  
**Site:** Site 4 of 9 in cluster A

**Actual:** 31 ft.

**A5**  
**Target:** COFFEY'S TEXACO  
**Property:** 48 TOURO ST  
**Property:** NEWPORT, RI  
**Site:** Site 5 of 9 in cluster A

**Actual:** 31 ft.

**UST:**  
**Facility ID:** UST-734  
**Facility Class:** Gasoline Station

**Tank ID:** 1  
**Tank Status:** In Use  
**Tank Capacity:** 10000  
**Tank Substance:** Gasoline  
**Date Installed:** 04/01/1979

**Tank ID:** 2  
**Tank Status:** In Use  
**Tank Capacity:** 10000  
**Tank Substance:** Gasoline  
**Date Installed:** 04/01/1977

**Tank ID:** 3  
**Tank Status:** Permanently Closed  
**Tank Capacity:** 4000  
**Tank Substance:** Gasoline  
**Date Installed:** 04/01/1979

**Tank ID:** 4  
**Tank Status:** Permanently Closed  
**Tank Capacity:** 4000  
**Tank Substance:** Gasoline  
**Date Installed:** 04/01/1979

**Tank ID:** 5  
**Tank Status:** Permanently Closed  
**Tank Capacity:** 500  
**Tank Substance:** Waste Oil  
**Date Installed:** 04/01/1979
COFFEY’S TEXACO (Continued)

Tank ID: 6
Tank Status: Permanently Closed
Tank Capacity: 500
Tank Substance: Heating Oil No.2
Date Installed: 04/01/1979

Site 6 of 9 in cluster A
Actual: 31 ft.

A6
Target: 48 TOURO STREET
Property: NEWPORT, RI

RI RGA LUST S116406287 N/A

A7
Target: 48 TRURO STREET
Property: NEWPORT, RI 02840

NJ MANIFEST S111074651 N/A

Actual: 31 ft.

NJ MANIFEST:
Manifest Code: 005880953JJK
EPA ID: RIP000019335
Date Shipped: 08/23/2010
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 1 EPA ID: Not reported
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 08/23/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 08/24/2010
Transporter 1 Decal: Not reported
Transporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
## COFFEY’S TEXACO (Continued)

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**A8**

**TEXACO STA/COFFEYS SERVICE STATION**

**Target**

48 TOURO ST  
NEWPORT, RI 02840

**Property**

NEWPORT, RI 02840

**Site 8 of 9 in cluster A**

**Actual:** 31 ft.

**RCRA-SQG:**

Date form received by agency: 10/01/2007  
TEXACO STA/COFFEYS SERVICE STATION  
48 TOURO ST  
NEWPORT, RI 02840

**EPA ID:**  
RID987480811

**Mailing address:**  
TOURO ST  
NEWPORT, RI 02840

**Contact:**  
NEILL F COFFEY

**Contact address:**  
48 TOURO ST  
NEWPORT, RI 02840

**Contact country:**  
US

**Contact telephone:**  
(401) 847-5100

**Contact email:**  
Not reported

**EPA Region:**  
01

**Classification:**  
Small Small Quantity Generator

**Description:**  
Handler: generates more than 100 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: NEILL F COFFEY INC  
Owner/operator address:  
48 TOURO ST  
NEWPORT, RI 02840

Owner/operator country: Not reported

Owner/operator telephone: (401) 847-5100

Legal status: Private

Owner/Operator Type: Owner
TEXACO STA/COFFEYS SERVICE STATION (Continued)

Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

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

Historical Generators:
- Date form received by agency: 12/16/1991
- Facility name: TEXACO STA/COFFEYS SERVICE STATION
- Site name: TEXACO STA/COFFEY NEIL F INC TEXACO
- Classification: Small Quantity Generator

Hazardous Waste Summary:
- Waste code: D001
- Waste name: Ignitable hazardous wastes are those wastes which have a flashpoint of less than 140 degrees Fahrenheit as determined by a Pensky-Martens closed cup flash point tester. Another method of determining the flash point of a waste is to review the material safety data sheet, which can be obtained from the manufacturer or distributor of the material. Lacquer thinner is an example of a commonly used solvent which would be considered as ignitable hazardous waste.

- Waste code: D001
- Waste name: Ignitable hazardous wastes are those wastes which have a flashpoint of less than 140 degrees Fahrenheit as determined by a Pensky-Martens closed cup flash point tester. Another method of determining the flash point of a waste is to review the material safety data sheet, which can be obtained from the manufacturer or distributor of the material. Lacquer thinner is an example of a commonly used solvent which would be considered as ignitable hazardous waste.

Violation Status: No violations found

FINDS:
- Registry ID: 110004928650

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA
TEXACO STA/COFFEYS SERVICE STATION (Continued)

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LEAKING UNDERGROUND STORAGE TANK - ARRA

RI MANIFEST:
GEN Cert Date: 6/28/2001
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: D001
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDF Name: Chem-Pak Cor
TSDF ID: RID084802842
TSDF Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: RIG0181428
Waste Description: COMBUSTIBLE LIQUID N.O.S. (NAPTHA, PETROL
Quantity: 6
WT/Vol Units: G
Item Number: 1
Transporter Name: CYCLE SOLVE CORPORATION
Transporter EPA ID: RID982194987
GEN Cert Date: 6/28/2001
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: Not reported
EPA ID: RID987480811
Transporter 2 ID: Not reported

NEWPORT NAVAL EDUCATIONAL AND TRAINING CENTER

NEWPORT NAVAL EDUCATIONAL (County), RI

DOD: Navy DOD
Feature 1: Not reported
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Newport Naval Educational and Training Center
Name 2: Not reported
Name 3: Not reported
State: RI
DOD Site: Yes
Tile name: RINEWPORT

TC3945447.2s Page 12
### MAP FINDINGS

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>A9</td>
<td>South</td>
<td>&lt; 1/8</td>
<td>0.024 mi.</td>
<td>128 ft.</td>
<td>Site 9 of 9 in cluster A</td>
<td>RIP000028044 1012188228</td>
</tr>
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</table>

**Relative:**
- Actual: 34 ft.
- Relative: Higher (34 ft.)

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

**Owner/Operator Summary:**
- Owner/operator name: CITY OF NEWPORT
- Owner/operator address: SPRING AND TOURO STREETS
  NEWPORT, RI 02840
- Owner/operator country: US
- Owner/operator telephone: Not reported
- Legal status: Municipal
- Owner/Operator Type: Owner
- Owner/Op start date: 07/04/1776
- Owner/Op end date: Not reported

- Owner/operator name: NARRAGANSETT ELECTRIC
- Owner/operator address: QUAKER LANE
  NORTH KINGSTOWN, RI 02852
- Owner/operator country: US
- Owner/operator telephone: Not reported
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: 01/01/1900
- Owner/Op end date: Not reported

**Contact Information:**
- Contact: WILLIAM R HOWARD
- Contact address: Not reported
- Contact country: US
- Contact telephone: (401) 267-6805
- Contact email: WILLIAM.HOWARD@US.NGRID.COM

**Facility Information:**
- Facility name: NARRAGANSETT ELECTRIC
- Facility address: SPRING AND TOURO ST (MH)
  NEWPORT, RI 02840
- EPA ID: RIP000028044
- Mailing address: QUAKER LANE
  NORTH KINGSTOWN, RI 02852
- Contact: WILLIAM R HOWARD
- Contact address: Not reported
- Contact country: US
- Contact telephone: (401) 267-6805
- Contact email: WILLIAM.HOWARD@US.NGRID.COM
- EPA Region: 01
- Classification: Non-Generator

**Handler Description:**
- Handler: Non-Generators do not presently generate hazardous waste
NARRAGANSETT ELECTRIC (Continued)

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

Historical Generators:
Date form received by agency: 02/01/2008
Facility name: NARRAGANSETT ELECTRIC
Site name: SPRING AND TOURO ST. NEWPORT
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

B10 COLONY HOUSE SUNOCO
NNE 29 SPRING STREET
NEWPORT, RI
< 1/8
0.029 mi.
155 ft.
Site 1 of 5 in cluster B

Relative: Higher
Actual: 32 ft.

LUST:
Project Number: 2203-LS
Project Date: 11/10/1989
Facility Id: 671
Facility Status: Soil Removal Only; No Further Action Required

UST:
Facility ID: UST-671
Facility Class: Gasoline Station

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 4000
Tank Substance: Gasoline
Date Installed: 04/01/1957

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 6280
Tank Substance: Gasoline
Date Installed: 04/01/1970

Tank ID: 3
COLONY HOUSE SUNOCO (Continued)

Tank Status: Permanently Closed
Tank Capacity: 6280
Tank Substance: Gasoline
Date Installed: 04/01/1980

Tank ID: 4
Tank Status: Permanently Closed
Tank Capacity: 250
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

Tank ID: 5
Tank Status: Permanently Closed
Tank Capacity: 3000
Tank Substance: Gasoline
Date Installed: 04/25/2001

Tank ID: 6
Tank Status: Permanently Closed
Tank Capacity: 3000
Tank Substance: Gasoline
Date Installed: 04/25/2001

Tank ID: 7
Tank Status: Permanently Closed
Tank Capacity: 550
Tank Substance: Waste Oil
Date Installed: 04/25/2001

B12 SUNOCO STA/COFFEYS SUNOCO
NNE 29 SPRING & HOZIER STS
< 1/8 0.029 mi.
155 ft. Site 3 of 5 in cluster B

Relative: Higher
Actual: 32 ft.

RCRA NonGen / NLR: 000328148
FINDS RID000843839

Date form received by agency: 05/22/2006
Facility name: SUNOCO STA/COFFEYS SUNOCO
Facility address: 29 SPRING & HOZIER STS
NEWPORT, RI 02840
EPA ID: RID000843839
Mailing address: SPRING & HOZIER STS
NEWPORT, RI 02840
Contact: ROBERT LAUBINGER
Contact address: 29 SPRING & HOZIER STS
NEWPORT, RI 02840
Contact country: US
Contact telephone: (617) 875-1371
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste
WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.  MATERIAL.  LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT.

The flash point of a waste is to review the material safety data sheet, the closed cup flash point tester. Another method of determining the flash point of a waste is to review the material safety data sheet, which can be obtained from the manufacturer or distributor of the material. Lacquer thinner is an example of a commonly used solvent which would be considered as ignitable hazardous waste.

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

Waste code: D000
**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

---

**SUNOCO STA/COFFEYS SUNOCO (Continued)**

<table>
<thead>
<tr>
<th>Waste name:</th>
<th>Not Defined</th>
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<tbody>
<tr>
<td>Waste code:</td>
<td>D001</td>
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<tr>
<td>Waste name:</td>
<td>IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.</td>
</tr>
</tbody>
</table>

**Violation Status:**

No violations found

**FINDS:**

Registry ID: 110007824113

---

**B13 TOURO SYNAGOGUE VISTORS CENTER**

**RI SHWS**

<table>
<thead>
<tr>
<th>50-52 SPRING STREET</th>
</tr>
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**RI BROWNFIELDS**

N/A

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**Relative:**

<table>
<thead>
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<tbody>
<tr>
<td>162 ft.</td>
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<table>
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<th>0.031 mi.</th>
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**Actual:**

<table>
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<th>34 ft.</th>
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**Site 4 of 5 in cluster B**

**SHWS:**

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<tr>
<td>TORS-HWM</td>
</tr>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>SR-22-1566</td>
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<table>
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<th>Facility Status:</th>
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<tbody>
<tr>
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<table>
<thead>
<tr>
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<tr>
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<table>
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<tr>
<th>Project Date:</th>
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<tr>
<td>05/19/2006</td>
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**BROWNFIELDS:**

<table>
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<table>
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<tr>
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<table>
<thead>
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<th>Status:</th>
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<td>A</td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>05/19/2006</td>
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</tbody>
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**B14 EDR US Hist Cleaners**

<table>
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<th>42 SPRING ST</th>
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<tbody>
<tr>
<td>NEWPORT, RI 02840</td>
</tr>
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**EDR US Hist Cleaners**

<table>
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</thead>
<tbody>
<tr>
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</tr>
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</table>

| 2009 |
| Year: |

| 42 SPRING ST |
| Address: |

**Relative:**

<table>
<thead>
<tr>
<th>Higher</th>
</tr>
</thead>
<tbody>
<tr>
<td>209 ft.</td>
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<table>
<thead>
<tr>
<th>0.040 mi.</th>
</tr>
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</table>

**Actual:**

<table>
<thead>
<tr>
<th>33 ft.</th>
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</table>
15  
NNW  
< 1/8  
0.042 mi.  
223 ft.

RICHARD D’ADDARIO  
NEWPORT, RI

UST:  
Facility ID: UST-18757  
Facility Class: Commercials

Relative: Lower  
Actual: 20 ft.

Tank ID: 1  
Tank Status: Permanently Closed  
Tank Capacity: 0  
Tank Substance: Not Listed  
Date Installed: 04/25/2001

16  
SSE  
< 1/8  
0.055 mi.  
288 ft.

TOURO SYNAGOGUE  
85 TOURO ST  
NEWPORT, RI

UST:  
Facility ID: UST-2376  
Facility Class: Industrial

Relative: Higher  
Actual: 42 ft.

Tank ID: 1  
Tank Status: Permanently Closed  
Tank Capacity: 2000  
Tank Substance: Heating Oil No.2  
Date Installed: 04/01/1950

Tank ID: 2  
Tank Status: Permanently Closed  
Tank Capacity: 1000  
Tank Substance: Heating Oil No.2  
Date Installed: 04/01/1960
17 WNW < 1/8 0.059 mi. 314 ft.

Relative: Lower
Actual: 14 ft.

SULLIVAN PROPERTY
38 WASHINGTON SQ
NEWPORT, RI

UST:
Facility ID: UST-18737
Facility Class: Commercials

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

Commercials

C18 NNE < 1/8 0.060 mi. 315 ft.

Relative: Higher
Actual: 32 ft.

SCHOTT PETER J DMD
24 SPRING ST
NEWPORT, RI 02840

RCRA-SQG:
EPA ID: RID987480399
Mailing address: SPRING ST
Contact: PETER-J SCHOTT
Contact address: 24 SPRING ST
Contact country: US
Contact telephone: (401) 846-1499
Contact email: Not reported
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: BALDWIN SAYER
Owner/operator address: 617 PARADISE AVE
MIDDLETOWN, RI 02840
Owner/operator country: Not reported
Owner/operator telephone: (401) 847-1568
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
SCHOTT PETER J DMD (Continued)

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

RI MANIFEST:
GEN Cert Date: 6/19/2001
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: D011
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDF Name: FREEDMAN JOSEPH CO INC
TSDF ID: MAD981206774
TSDF Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: MAM158142
Waste Description: SILVER
Quantity: 5
WT/Vol Units: G
Item Number: 1
Transporter Name: STERICYCLE
Transporter EPA ID: MAR000009191
GEN Cert Date: 6/19/2001
Transporter Recpt Date: Not reported
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: Not reported
EPA ID: RID987480399
Transporter 2 ID: Not reported
**Site 2 of 3 in cluster C**

<table>
<thead>
<tr>
<th>Relative: Higher Actual: 32 ft.</th>
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**RCRA-SQG:**
- Date form received by agency: 03/23/2000
- Facility name: CLAUSEN & PAGONIS PC
- Facility address: 24 SPRING ST
- EPA ID: RID987479573
- Mailing address: SPRING ST
- Contact: HOWARD CLAUSEN
- Contact address: 24 SPRING ST
- Contact country: US
- Contact telephone: (401) 846-5060
- Contact email: Not reported
- EPA Region: 01
- Classification: Small Small Quantity Generator
- Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**
- Owner/operator name: DR BALDWIN SAYER
- Owner/operator address: 617 PARADISE AVE
- Owner/operator country: NEWPORT, RI 02840
- Owner/operator telephone: (401) 847-1568
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 01/01/0001
- Owner/Op end date: Not reported

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

**Historical Generators:**
- Date form received by agency: 08/29/1991
<table>
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<th>MAP FINDINGS</th>
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<tbody>
<tr>
<td>MAP ID</td>
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<tr>
<td>-------------------</td>
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**FINDS:**

**Registry ID:** 110004927928

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**Registry ID:** 110009442898

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**RI MANIFEST:**

**GEN Cert Date:** 8/20/2008
**Transporter Receipt Date:** 8/20/2008
**Number Of Containers:** Not reported
**Container Type:** Not reported
**Waste Code1:** MA99
**Waste Code2:** Not reported
**Waste Code3:** Not reported
**Comment:** Not reported
**Fee Exempt Code:** Not reported
**TSDF Name:** Not reported
**TSDF ID:** Not reported
**TSDF Date:** Not reported
**Transporter 2 Name:** 8/20/2008
**Transporter 2 ID:** Not reported
**Manifest Docket Number:** 4144571
**Waste Description:** 5 Gal Drum Disposal-Developer
**Quantity:** 1
**WT/Vol Units:** 5.00
**Item Number:** 670766
**Transporter Name:** Ecology Recovery Systems, Inc.
**Transporter EPA ID:** MAR000008375

**SCHOTT PETER J DMD (Continued)**

**Facility name:** CLAUSEN & PAGONIS PC
**Classification:** Small Quantity Generator

**Hazardous Waste Summary:**

- **Waste code:** D000
- **Waste name:** Not Defined
- **Waste code:** D011
- **Waste name:** SILVER

**Violation Status:** No violations found
SCHOTT PETER J DMD  (Continued)

GEN Cert Date: 8/20/2008
Transporter Recpt Date: 8/20/2008
Transporter 2 Recpt Date: 8/20/2008
TSDF Recpt Date: Not reported
EPA ID: RID987479573
Transporter 2 ID: Not reported

<table>
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<tr>
<th>C20</th>
<th>KAUFMAN HALI J DMD</th>
<th>RCRA NonGen / NLR</th>
<th>1000835251</th>
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<tbody>
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<td>20 SPRING ST UNIT 1</td>
<td>FINDS</td>
<td>RID987488095</td>
</tr>
<tr>
<td>&lt; 1/8</td>
<td>NEWPORT, RI</td>
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<td></td>
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<tr>
<td>0.064 mi.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>340 ft.</td>
<td></td>
<td></td>
<td></td>
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Relative: Higher
Actual: 32 ft.

Date form received by agency: 11/12/1992
Facility name: KAUFMAN HALI J DMD
Facility address: 20 SPRING ST UNIT 1
NEWPORT, RI 028402966
EPA ID: RID987488095
Mailing address: SPRING ST UNIT 1
NEWPORT, RI 028402966
Contact: HALI KAUFMAN
Contact address: 20 SPRING ST UNIT 1
NEWPORT, RI 028402966
Contact country: US
Contact telephone: (401) 846-7575
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: HALI J KAUFMAN DMD
Owner/operator address: 20 SPRING ST
NEWPORT, RI 02840
Owner/operator country: Not reported
Owner/operator telephone: (401) 846-7575
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
### KAUFMAN HALI J DMD (Continued)

Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
- Waste code: D000
- Waste name: Not Defined
- Waste code: D011
- Waste name: SILVER

Violation Status: No violations found

**FINDS:**

Registry ID: 110004930031

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

---

### D21
**DEL NERO, INC.**
11 FAREWELL ST
NEWPORT, RI

< 1/8
0.078 mi.
413 ft.

**Site 1 of 4 in cluster D**

**Relative:** Lower
**Actual:** 14 ft.

**UST:**
- Facility ID: UST-1839
- Facility Class: Industrial
- Tank ID: 1
- Tank Status: Permanently Closed
- Tank Capacity: 1000
- Tank Substance: Heating Oil No.2
- Date Installed: 12/01/1967

---

### D22
**DEL NERO CLEANERS INC.**
11 FAREWELL ST
NEWPORT, RI 02840

< 1/8
0.078 mi.
413 ft.

**Site 2 of 4 in cluster D**

**Relative:** Lower
**Actual:** 14 ft.

**LUST:**
- Project Number: 2268-ST
- Project Date: 12/03/1999
- Facility Id: 1839
- Facility Status: Active; Investigation/Remed. Required

**DRYCLEANERS:**
- Technical Contact: THOMAS BENISCH
- Mail Street1: 11 FAREWELL ST
<table>
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<th>Value</th>
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</tr>
<tr>
<td>SIC Code</td>
<td>7216</td>
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<td>AIRS Code</td>
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<td>Invent Year</td>
<td>2010</td>
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<td>Source Classification</td>
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<tr>
<td>Total Volatile Organic Compound Emissions (lbs):</td>
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<tr>
<td>Total Haz Air Pollutants Emitted Defined by EPA (lbs):</td>
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<tr>
<td>Oxides of Nitrogen Emitted (lbs):</td>
<td>Not reported</td>
</tr>
<tr>
<td>Carbon Monoxide Emitted (lbs):</td>
<td>Not reported</td>
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<tr>
<td>Total Particulate Matter Emitted (lbs):</td>
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<tr>
<td>Total Oxides of sulfur Emitted (lbs):</td>
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<tr>
<td>Mailing Name</td>
<td>THOMAS BENISCH</td>
</tr>
<tr>
<td>Mailing Addr1:</td>
<td>11 FAREWELL ST</td>
</tr>
<tr>
<td>Mailing Addr2:</td>
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<tr>
<td>Mailing City/State/Zip</td>
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<tr>
<td>Num of Employees</td>
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<tr>
<td>SIC Code</td>
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<td>Invent Year</td>
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<tr>
<td>Total Haz Air Pollutants Emitted Defined by EPA (lbs):</td>
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<td>Oxides of Nitrogen Emitted (lbs):</td>
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<td>Num of Employees</td>
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DEL NERO CLEANERS INC. (Continued)

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<tr>
<td>AIRS Code:</td>
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<tr>
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<td>NEWPORT, RI 02840</td>
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**Facility Information:**
- **Facility name:** DELNERO BILL CLEANERS & LAUNDRY INC
- **Facility address:** 11 FAREWELL ST, NEWPORT, RI 02840
- **EPA ID:** RID058067307
- **Mailing address:** FAREWELL ST, NEWPORT, RI 02840
- **Contact:** THOMAS C BENISON
- **Contact address:** 11 FAREWELL ST, NEWPORT, RI 02840
- **Contact telephone:** (401) 847-6800
- **Contact email:** Not reported
- **EPA Region:** 01
- **Land type:** Other land type
- **Classification:** Small Small Quantity Generator
- **Description:** Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**
- **Owner/operator name:** Not reported
- **Owner/operator address:** OWNERSTREET, OWNERCITY, RI 99999
- **Owner/operator country:** US
- **Owner/operator telephone:** (401) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** 01/01/0001
- **Owner/Op end date:** Not reported

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

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

### Facility Has Received Notices of Violations:

- **Regulation violated:** Not reported
- **Area of violation:** TSD IS-General Facility Standards
- **Date violation determined:** 11/25/2008
- **Date achieved compliance:** 02/19/2009
- **Violation lead agency:** State
- **Enforcement action:** WRITTEN INFORMAL
- **Enforcement action date:** 11/25/2008
- **Enf. disposition status:** Not reported
- **Enf. disp. status date:** Not reported
- **Enforcement lead agency:** State
- **Proposed penalty amount:** Not reported
- **Final penalty amount:** Not reported
- **Paid penalty amount:** Not reported

- **Regulation violated:** Not reported
- **Area of violation:** TSD IS-Contingency Plan and Emergency Procedures
- **Date violation determined:** 11/25/2008
- **Date achieved compliance:** 02/19/2009
- **Violation lead agency:** State
- **Enforcement action:** WRITTEN INFORMAL
- **Enforcement action date:** 11/25/2008
- **Enf. disposition status:** Not reported
- **Enf. disp. status date:** Not reported
- **Enforcement lead agency:** State
- **Proposed penalty amount:** Not reported
- **Final penalty amount:** Not reported
- **Paid penalty amount:** Not reported

- **Regulation violated:** Not reported
- **Area of violation:** State Statute or Regulation
- **Date violation determined:** 11/25/2008
- **Date achieved compliance:** 12/02/2008
- **Violation lead agency:** State
- **Enforcement action:** WRITTEN INFORMAL
- **Enforcement action date:** 11/25/2008
- **Enf. disposition status:** Not reported
- **Enf. disp. status date:** Not reported
- **Enforcement lead agency:** State
- **Proposed penalty amount:** Not reported
- **Final penalty amount:** Not reported
- **Paid penalty amount:** Not reported

- **Regulation violated:** Not reported
**DEL NERO CLEANERS INC (Continued)**

<table>
<thead>
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<th>Area of violation: TSD IS-Container Use and Management</th>
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<tbody>
<tr>
<td>Date violation determined: 11/25/2008</td>
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<tr>
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<td>Violation lead agency: State</td>
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<td>Area of violation: Generators - Manifest</td>
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<td>Date violation determined: 03/20/2002</td>
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<td>Area of violation: TSD IS-General Facility Standards</td>
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DEL NERO CLEANERS INC  (Continued) 1000313424

Date achieved compliance: 02/19/2009
Evaluation lead agency: State

Evaluation date: 11/25/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date achieved compliance: 02/19/2009
Evaluation lead agency: State

Evaluation date: 11/25/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 12/02/2008
Evaluation lead agency: State

Evaluation date: 05/28/2002
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/20/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/28/2002
Evaluation lead agency: State

Evaluation date: 03/20/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 05/28/2002
Evaluation lead agency: State

FINDS:

Registry ID: 110004908039

Environmental Interest/Information System

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

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

RI MANIFEST:

GEN Cert Date: 6/18/2002
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
DEL NERO CLEANERS INC (Continued) 1000313424

Waste Code1: F002
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDF Name: Not reported
TSDF ID: RID084802842
TSDF Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: RIG0197429
Waste Description: RQ WASTE TETRACHLOROETHYLENE
Quantity: 300
WT/Vol Units: P
Item Number: 10480
Transporter Name: CYCLE SOLVE CORPORATION
Transporter EPA ID: RID982194987
GEN Cert Date: 6/18/2002
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: Not reported
EPA ID: RID058067307
Transporter 2 ID: Not reported

EDR Historical Cleaners:

Name: BILL DEL NERO CLEANERS INC
Address: 11 FAREWELL ST
Year: 2004

Name: BILL DEL NERO CLEANERS & LNDRY
Address: 11 FAREWELL ST
Year: 2010

Name: BILL DEL NERO CLEANERS & LAUNDRY INC
Address: 11 FAREWELL ST
Year: 2012

RCRA-SQG: 1004779627
RCRA FINDS: RIR000501312
RI MANIFEST

NEW VISIONS FOR NEWPORT COUNTY
19 BROADWAY
NEWPORT, RI 02840

RCRA-SQG:

Date form received by agency: 05/11/2001
Facility name: NEW VISIONS FOR NEWPORT COUNTY
Facility address: 19 BROADWAY
EPA ID: RIR000501312
NEW VISIONS FOR NEWPORT COUNTY (Continued)

Mailing address: BROADWAY
NEWPORT, RI 02840
Contact: SANDRA CORDEIRO
Contact address: 19 BROADWAY
NEWPORT, RI 02840
Contact country: US
Contact telephone: (401) 848-2160
Contact email: Not reported
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NEW VISIONS FOR NEWPORT COUNTY
Owner/operator address: 19 BROADWAY
NEWPORT, RI 02840
Owner/operator country: Not reported
Owner/operator telephone: (401) 848-2160
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

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

Hazardous Waste Summary:
Waste code: D011
Waste name: SILVER
Violation Status: No violations found

FINDS:
Registry ID: 110012266270

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource
NEW VISIONS FOR NEWPORT COUNTY (Continued)

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RI MANIFEST:

GEN Cert Date: 5/1/2007
Transporter Receipt Date: 5/1/2007
Number Of Containers: Not reported
Container Type: Not reported
Waste Code1: MA99
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDF Name: Not reported
TSDF ID: Not reported
TSDF Date: 5/2/2007
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: 1144366
Waste Description: 2.5 Gal Drum Disposal-Develop.
Quantity: 5
WT/Vol Units: g
Item Number: 1
Transporter Name: Stericycle, Inc
Transporter EPA ID: MAR0000009191
GEN Cert Date: 5/1/2007
Transporter Recpt Date: 5/1/2007
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: 5/2/2007
EPA ID: RIR000501312
Transporter 2 ID: Not reported

26 DOD/NETC/GOULD ISLAND ELECTROPLATING
SSE NORTHERN END OF GOULD ISLAND
< 1/8 0.092 mi. 486 ft.

Relative: Higher
Actual: 43 ft.

CERCLIS: 1000141277
RID981066236

CERCLIS:
Site ID: 0101379
EPA ID: RID981066236
Facility County: NEWPORT
Short Name: DOD/NETC/GOULD ISLAND ELE
Congressional District: 01
IFMS ID: Not reported
SMSA Number: Not reported
USGC Hydro Unit: 01090004
Federal Facility: Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
DOD/NETC/GOULD ISLAND ELECTROPLATING (Continued)

Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: 0101431
RST Code: Not reported
EPA Region: 01
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Site is Part of NPL Site
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: USNV
Non NPL Status: Not reported
Non NPL Status Date: / /
Site Fips Code: 44005
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):
Contact ID: 13004278.00000
Contact Name: Margaret Morris
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Alias Comments: Not reported
Site Description: NAVY IAS - 3/83. EPA NAVY SITE REVIEW - 8/84. PART OF NETC CS; POSSIBLE DISCHARGES TO THE BAY WILL BE INVESTIGATED. SEDIMENT AND CLAM SAMPLES WILL BE TAKEN. OWNER: NAVY, NUSC.

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 05/02/85
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 09/20/85
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: Federal Facilities
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

TC3945447.2s Page 34
DOD/NETC/GOULD ISLAND ELECTROPLATING (Continued)  

Action Code: 001  
Action: SITE INSPECTION  
Date Started: / /  
Date Completed: 09/26/91  
Priority Level: Addressed as part of an existing NPL site  
Operable Unit: SITEWIDE  
Primary Responsibility: EPA Fund-Financed  
Planning Status: Not reported  
Urgency Indicator: Not reported  
Action Anomaly: Not reported  

E27 TILMAN NATHAN W DDS PC  
NNE 3 BULL ST  
< 1/8 0.108 mi.  
570 ft. Site 1 of 2 in cluster E  

Relative: Higher  
Actual: 32 ft.  

RCRA-SQG:  
Date form received by agency: 04/29/2008  
Facility name: TILMAN NATHAN W DDS PC  
Facility address: 3 BULL ST  
NEWPORT, RI 02840  
EPA ID: RID987492162  
Mailing address: BULL ST  
NEWPORT, RI 028402701  
Contact: NATHAN W TILMAN  
Contact address: BULL ST  
NEWPORT, RI 028402701  
Contact country: US  
Contact telephone: (401) 846-3801  
Contact email: Not reported  
EPA Region: 01  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time  

Owner/Operator Summary:  
Owner/operator name: SARA JOSEPHSON  
Owner/operator address: BULL ST  
NEWPORT, RI 02840  
Owner/operator country: US  
Owner/operator telephone: (401) 846-3801  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1980  
Owner/Op end date: Not reported  

Owner/operator name: NATHAN W. TILMAN DDS  
Owner/operator address: BULL ST  
NEWPORT, RI 02840  
Owner/operator country: US  
Owner/operator telephone: (401) 846-3801  
Legal status: Private
TILMAN NATHAN W DDS PC (Continued) 1000801596

Owner/Operator Type: Operator
Owner/Op start date: 03/12/2007
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 06/03/1992
Facility name: TILMAN NATHAN W DDS PC
Site name: BASKIN PHILIP DDS PC
Classification: Small Quantity Generator

Hazardous Waste Summary:
- Waste code: D008
- Waste name: LEAD
- Waste code: D009
- Waste name: MERCURY
- Waste code: D011
- Waste name: SILVER

Violation Status: No violations found

FINDS:
Registry ID: 110004931496

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RI MANIFEST:
GEN Cert Date: 8/7/2001
Transporter Receipt Date: Not reported
Number Of Containers: 0
**TILMAN NATHAN W DDS PC (Continued)**

<table>
<thead>
<tr>
<th>Container Type:</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Waste Code1:</td>
<td>D011</td>
</tr>
<tr>
<td>Waste Code2:</td>
<td>Not reported</td>
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<tr>
<td>Waste Code3:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Comment:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Fee Exempt Code:</td>
<td>Not reported</td>
</tr>
<tr>
<td>TSDF Name:</td>
<td>FREEDMAN JOSEPH CO INC</td>
</tr>
<tr>
<td>TSDF ID:</td>
<td>MAD981206774</td>
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<td>TSDF Date:</td>
<td>Not reported</td>
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<td>Transporter 2 Name:</td>
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<td>Manifest Docket Number:</td>
<td>MAK096431</td>
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<td>Waste Description:</td>
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<td>Quantity:</td>
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<td>WT/Vol Units:</td>
<td>G</td>
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<td>1</td>
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<td>STERICYCLE</td>
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<tr>
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<td>MAR000009191</td>
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<td>8/7/2001</td>
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<td>Transporter Recpt Date:</td>
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<td>Transporter 2 Recpt Date:</td>
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<td>TSDF Recpt Date:</td>
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<td>EPA ID:</td>
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<td>Transporter 2 ID:</td>
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**JAILHOUSE INN**

<table>
<thead>
<tr>
<th>F28</th>
<th>JAILHOUSE INN</th>
<th>RI UST</th>
<th>U001211701</th>
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<tbody>
<tr>
<td>NW</td>
<td>13 MARLBOROUGH ST</td>
<td>NEWPORT, RI</td>
<td>U001211701</td>
</tr>
<tr>
<td>&lt; 1/8</td>
<td>0.108 mi.</td>
<td>572 ft.</td>
<td>Site 1 of 2 in cluster F</td>
</tr>
</tbody>
</table>

**Relative:**

<table>
<thead>
<tr>
<th>Lower</th>
<th>Facility ID: UST-1238</th>
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</thead>
<tbody>
<tr>
<td>Actual:</td>
<td>Facility Class: Commercials</td>
</tr>
<tr>
<td>9 ft.</td>
<td>Tank ID: 1</td>
</tr>
<tr>
<td>Tank Status: In Use</td>
<td></td>
</tr>
<tr>
<td>Tank Capacity: 1000</td>
<td></td>
</tr>
<tr>
<td>Tank Substance: Heating Oil No.2</td>
<td></td>
</tr>
<tr>
<td>Date Installed: 01/01/1971</td>
<td></td>
</tr>
</tbody>
</table>

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**OPERA HOUSE, INC.**

<table>
<thead>
<tr>
<th>G29</th>
<th>OPERA HOUSE, INC.</th>
<th>RI UST</th>
<th>U003911807</th>
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</thead>
<tbody>
<tr>
<td>West</td>
<td>19 TOURO ST</td>
<td>NEWPORT, RI</td>
<td>U003911807</td>
</tr>
<tr>
<td>&lt; 1/8</td>
<td>0.109 mi.</td>
<td>574 ft.</td>
<td>Site 1 of 2 in cluster G</td>
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**Relative:**

<table>
<thead>
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<tbody>
<tr>
<td>Actual:</td>
<td>Facility Class: Commercials</td>
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<tr>
<td>10 ft.</td>
<td>Tank ID: 1</td>
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<tr>
<td>Tank Status: Permanently Closed</td>
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<tr>
<td>Tank Capacity: 1500</td>
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<tr>
<td>Tank Substance: Heating Oil No.2</td>
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<tr>
<td>Site</td>
<td>Facility Name</td>
</tr>
<tr>
<td>------</td>
<td>---------------</td>
</tr>
<tr>
<td>G30</td>
<td>BANK OF NEW ENGLAND/OLD COLONY</td>
</tr>
<tr>
<td></td>
<td>8 WASHINGTON SQ</td>
</tr>
<tr>
<td></td>
<td>NEWPORT, RI</td>
</tr>
<tr>
<td></td>
<td>&lt; 1/8</td>
</tr>
<tr>
<td></td>
<td>0.116 mi.</td>
</tr>
<tr>
<td></td>
<td>610 ft.</td>
</tr>
<tr>
<td></td>
<td>Site 2 of 2 in cluster G</td>
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<tr>
<td>Relative:</td>
<td>Lower</td>
</tr>
<tr>
<td>Actual:</td>
<td>9 ft.</td>
</tr>
<tr>
<td>UST:</td>
<td>Facility ID:</td>
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<tr>
<td></td>
<td>Facility Class:</td>
</tr>
<tr>
<td></td>
<td>Tank ID:</td>
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<tr>
<td></td>
<td>Tank Status:</td>
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<tr>
<td></td>
<td>Tank Capacity:</td>
</tr>
<tr>
<td></td>
<td>Tank Substance:</td>
</tr>
<tr>
<td></td>
<td>Date Installed:</td>
</tr>
</tbody>
</table>

| F31  | ST. PAUL’S UNITED METHODIST CHURCH | U001212552 | N/A |
|      | 12 MARLBOROUGH ST |   |   |
|      | NEWPORT, RI |   |   |
|      | < 1/8 |   |   |
|      | 0.121 mi. |   |   |
|      | 638 ft. |   |   |
|      | Site 2 of 2 in cluster F |   |   |
| Relative: | Lower |   |   |
| Actual: | 9 ft. |   |   |
| UST: | Facility ID: | UST-2422 |   |
|      | Facility Class: | Other |   |
|      | Tank ID: | 1 |   |
|      | Tank Status: | Permanently Closed |   |
|      | Tank Capacity: | 1000 |   |
|      | Tank Substance: | Heating Oil No.2 |   |
|      | Date Installed: | 04/25/2001 |   |

| E32  | NEWPORT FAMILY PRACTICE | 1004779505 | RI MANIFEST |
|      | 62 BROADWAY |   |   |
|      | NEWPORT, RI 02840 |   |   |
|      | 1/8-1/4 |   |   |
|      | 0.125 mi. |   |   |
|      | 661 ft. |   |   |
|      | Site 2 of 2 in cluster E |   |   |
| Relative: | Higher |   |   |
| Actual: | 32 ft. |   |   |
| RCRA-SQG: | Date form received by agency: | 03/02/2000 |   |
| Facility name: | NEWPORT FAMILY PRACTICE |   |   |
| Facility address: | 62 BROADWAY |   |   |
| EPA ID: | RIR000020107 |   |   |
| Mailing address: | BROADWAY |   |   |
| Contact: | JACEK MICHALAK |   |   |
| Contact address: | 62 BROADWAY |   |   |
| Contact country: | US |   |   |
| Contact telephone: | (401) 849-6852 |   |   |
| Contact email: | Not reported |   |   |
| EPA Region: | 01 |   |   |
NEWPORT FAMILY PRACTICE (Continued)

Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
- Owner/operator name: DR MARVELL & DR DEL GOERCIO
- Owner/operator address: 62 BROADWAY
  NEWPORT, RI 02840
- Owner/operator country: Not reported
- Owner/operator telephone: (401) 849-6852
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: Not reported
- Owner/Op end date: Not reported

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

Hazardous Waste Summary:
- Waste code: D011
- Waste name: SILVER
- Violation Status: No violations found

FINDS:
- Registry ID: 110004935937

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RI MANIFEST:
- GEN Cert Date: 5/10/2005
NEWPORT FAMILY PRACTICE (Continued)

Transporter Receipt Date: 5/10/2005
Number Of Containers: 0
Container Type: Not reported
Waste Code1: D011
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDF Name: Not reported
TSDF ID: Not reported
TSDF Date: 5/10/2005
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: MAU014897
Waste Description: RQ HAZARDOUS WASTE, LIQUID, N.O.S.
Quantity: 50
WT/Vol Units: P
Item Number: 1
Transporter Name: SAFETY-KLEEN SYSTEMS, INC
Transporter EPA ID: TXR000050930
GEN Cert Date: 5/10/2005
Transporter Recpt Date: 5/10/2005
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: 5/10/2005
EPA ID: RR000020107
Transporter 2 ID: Not reported

VERIZON NEW ENGLAND, INC. (RI 336307)
20 BULL ST
NEWPORT, RI
1/8-1/4
0.126 mi.
665 ft.
Site 1 of 2 in cluster H

Relative: Higher
Actual: 58 ft.

UST:
Facility ID: UST-1199
Facility Class: Commercials

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 2000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

Tank ID: 2
Tank Status: In Use
Tank Capacity: 4000
Tank Substance: Diesel
Date Installed: 10/17/1986

Tank ID: 3
Tank Status: Permanently Closed
Tank Capacity: 4000
Tank Substance: Diesel
Date Installed: 04/25/2001
OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS
CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN
CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A
WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS

Waste name: D002
Waste code:

A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS
CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A
CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN
OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

Handler: Non-Generators do not presently generate hazardous waste

Owner/operator name: NEW ENGLAND TELEPHONE CO BOSTON MASS
Owner/operator address: OWNERSTREET
OWNERSTREET
OWNERCITY, RI 99999

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

1/8-1/4
0.126 mi.
665 ft.

Site 2 of 2 in cluster H

Relative: Higher
Actual: 58 ft.

Date form received by agency: 08/18/1980
Facility name: NYNEX CTL OFF
Facility address: 20 BULL ST
NEWPORT, RI 02840
EPA ID: RID000842971
Mailing address: HIGH ST
BOSTON, MA 02110
Contact: MINDA CUTCHER
Contact address: 99 HIGH ST
BOSTON, MA 02110
Contact country: US
Contact telephone: (617) 574-1049
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description:

Handler: Non-Generators do not presently generate hazardous waste

Owner/operator summary:
Owner/operator name: NEW ENGLAND TELEPHONE CO BOSTON MASS
Owner/operator address: OWNERSTREET
OWNERSTREET
OWNERCITY, RI 99999

Owner/operator country: Not reported
Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Hazardous Waste Summary:
Waste code: D002
Waste name:
A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS
CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A
CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN
OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS
### NYNEX CTL OFF (Continued)

<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>EDR ID Number</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
</tr>
</thead>
</table>

**Violations Status:** No violations found

**FINDS:**

Registry ID: 110004902008

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**LUST:**

- **Project Number:** 2231-LS
- **Project Date:** 08/20/1994
- **Facility Id:** 1199
- **Facility Status:** Inactive; Investigation/Remed. Complete, No Further Action Required

**RI MANIFEST:**

- **GEN Cert Date:** 3/31/2010
- **Transporter Receipt Date:** 3/9/2010
- **Number Of Containers:** 3
- **Container Type:** DF
- **Waste Code1:** MA98R014
- **Waste Code2:** Not reported
- **Waste Code3:** Not reported
- **Comment:** Not reported
- **Fee Exempt Code:** Not reported
- **TSDF Name:** ENPRO SERVICES OF MAINE, INC.
- **TSDF ID:** MED019051069
- **TSDF Date:** 3/16/2010
- **Transporter 2 Name:** Not reported
- **Transporter 2 ID:** Not reported
- **Manifest Docket Number:** 001038080GBF
- **Waste Description:** STATE REGULATED OIL WASTE
- **Quantity:** 130
- **WT/Vol Units:** G
- **Item Number:** 1
- **Transporter Name:** ENPRO SERVICES, INC.
- **Transporter EPA ID:** MAD980670004
- **GEN Cert Date:** 3/31/2010
- **Transporter Recpt Date:** 3/9/2010
- **Transporter 2 Recpt Date:** Not reported
- **TSDF Recpt Date:** 3/16/2010
- **EPA ID:** RID000842971
- **Transporter 2 ID:** Not reported

**NYNEX CTL OFF**

Used by many industries to clean metal parts prior to painting. When these caustic or acid solutions become contaminated and must be disposed, the waste would be a corrosive hazardous waste.
<table>
<thead>
<tr>
<th>Site</th>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
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<th>Database(s)</th>
<th>Site</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
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</thead>
<tbody>
<tr>
<td>35 NW 8 MARLBOROUGH ST</td>
<td>190</td>
<td>EDR US Hist Cleaners</td>
<td>683 ft.</td>
<td>0.129 mi.</td>
<td>663 ft.</td>
<td>Site 1 of 2 in cluster I</td>
<td>0.139 mi.</td>
<td>0.134 mi.</td>
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</table>

**8 MARLBOROUGH ST**
NEWPORT, RI 02840

**EDR Historical Cleaners:**
Name: PERFECT TOUCH CLEANERS INCORPORATED
Year: 2011
Address: 8 MARLBOROUGH ST

**I36 J.J. NEWBERRY #6033**
WSW 144 THAMES ST
NEWPORT, RI

**Site 1 of 2 in cluster I**

**UST:**
Facility ID: UST-1870
Facility Class: Commercials
Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

**J37 NNE 72 BROADWAY**
WSW 166 THAMES ST
NEWPORT, RI 02840

**Site 1 of 2 in cluster J**

**EDR Historical Cleaners:**
Name: KEELEN DRY CLEANERS
Year: 2001
Address: 72 BROADWAY

**38 WSW BOLUSKY BLDG. (BEN'S FURN. CO.)**
166 THAMES ST
NEWPORT, RI

**UST:**
Facility ID: UST-2658
Facility Class: Commercials
Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001
### AQUIDNECK AUTO SUPPLY

**Facility address:** 77 W BROADWAY, NEWPORT, RI 02840

**EPA ID:** RID982749285

**Date form received by agency:** 02/25/2000

**Contact:** MARIO ACCINNO, 77 W BROADWAY, NEWPORT, RI 02840, (401) 849-2333

**Classification:** Non-Generator

**Description:** Non-Generators do not presently generate hazardous waste

---

**Historical Generators:**

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

**Owner/Operator Summary:**

- **Owner/operator name:** AQUIDNECK AUTO SUPPLY
- **Owner/operator address:** OWNERSTREET, OWNECITY, RI 99999
- **Owner/operator telephone:** (401) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** 01/01/0001
- **Owner/Op end date:** Not reported

**Handler Activities Summary:**

- **Handler:** Non-Generators do not presently generate hazardous waste

---

**Map ID:** J39  
**Direction:** NNE  
**Distance:** 1/8-1/4  
**Elevation:** 798 ft.

**Site:** 77 W BROADWAY, Site 2 of 2 in cluster J

**Relative:** Higher  
**Actual:** 32 ft.

**Database(s):** FINDS, RI MANIFEST

**EDR ID Number:** 100248187
Hazardous Waste Summary:

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

Violations Status: No violations found

FINDS:

Registry ID: 110004917948

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RI MANIFEST:

GEN Cert Date: 9/18/1989
Transporter Receipt Date: Not reported
Number Of Containers: 0
Container Type: Not reported
Waste Code1: D001
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDF Name: SK
TSDF ID: MAD000846006
TSDF Date: Not reported
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: MAC809205
Waste Description: PET NAP
Quantity: 45
WT/Vol Units: P
Item Number: 1
Transporter Name: SK
Transporter EPA ID: ILD051060408
GEN Cert Date: 9/18/1989
Transporter Recpt Date: Not reported
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: Not reported
EPA ID: RID982749285
Transporter 2 ID: Not reported
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<tr>
<td>40</td>
<td>WEST MARLBOROUGH ST. PROPERTY</td>
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<td>WNW 6 WEST MARLBOROUGH ST.</td>
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<tr>
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<td>WMAR-HWM</td>
<td>9 ft.</td>
</tr>
<tr>
<td>SHWS:</td>
<td>Project Code:</td>
</tr>
<tr>
<td>Project Code:</td>
<td>WMAR-HWM</td>
</tr>
<tr>
<td>Siterem Site Number:</td>
<td>SR-22-1656</td>
</tr>
<tr>
<td>Facility Status:</td>
<td>Inactive</td>
</tr>
<tr>
<td>Project Code Desc:</td>
<td>WMAR-HWM</td>
</tr>
<tr>
<td>Project Date:</td>
<td>10/08/2002</td>
</tr>
<tr>
<td>AUL:</td>
<td>ELUR Date:</td>
</tr>
<tr>
<td>Project Code:</td>
<td>WMAR-HWM</td>
</tr>
<tr>
<td>SA Date:</td>
<td>Not reported</td>
</tr>
<tr>
<td>Lot:</td>
<td>144,145,326</td>
</tr>
<tr>
<td>Siterem Site Number:</td>
<td>SR-22-1656</td>
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<tr>
<td>823 ft.</td>
<td>Site 2 of 2 in cluster I</td>
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<tr>
<td>Relative:</td>
<td>Relative:</td>
</tr>
<tr>
<td>Lower</td>
<td>EDR Historical Auto Stations:</td>
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<tr>
<td>Actual:</td>
<td>Name:</td>
</tr>
<tr>
<td>9 ft.</td>
<td>Year:</td>
</tr>
<tr>
<td>Address:</td>
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<tr>
<td>10/08/2002</td>
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<tr>
<td>824 ft.</td>
<td>Site 1 of 2 in cluster K</td>
</tr>
<tr>
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<td>Date form received by agency: 03/05/2001</td>
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<tr>
<td>Lower</td>
<td>Facility name:</td>
</tr>
<tr>
<td>Actual:</td>
<td>Facility address:</td>
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<tr>
<td>9 ft.</td>
<td>EPA ID:</td>
</tr>
<tr>
<td>Mailing address:</td>
<td>LONG WHARF MALL</td>
</tr>
<tr>
<td>Contact:</td>
<td>LONG WHARF MALL</td>
</tr>
<tr>
<td>Contact address:</td>
<td>NEWPORT, RI 02840</td>
</tr>
</tbody>
</table>

TC3945447.2s Page 46
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
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<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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</table>

**BRUCE N SUNDERLAND DDS** (Continued) 1004779594

Contact country: US  
Contact telephone: (401) 846-4404  
Contact email: Not reported  
EPA Region: 01  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**  
Owner/operator name: BRUCE SUNDERLAND  
Owner/operator address: 37 LONG WHARF MALL NEWPORT, RI 02840  
Owner/operator country: Not reported  
Owner/operator telephone: (401) 846-4404  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/0001  
Owner/Op end date: Not reported

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

**Hazardous Waste Summary:**  
- Waste code: D011  
- Waste name: SILVER  
- Violation Status: No violations found

**FINDS:**  
Registry ID: 110004936589

**Environmental Interest/Information System**  
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
BRUCE N SUNDERLAND DDS (Continued)

RI MANIFEST:
GEN Cert Date: 1/8/2008
Transporter Receipt Date: 1/8/2008
Number Of Containers: 1
Container Type: DF
Waste Code1: MA99
Waste Code2: Not reported
Waste Code3: Not reported
Comment: Not reported
Fee Exempt Code: Not reported
TSDF Name: Ecology Recovery Systems, Inc.
TSDF ID: MAR000008375
TSDF Date: 1/8/2008
Transporter 2 Name: Not reported
Transporter 2 ID: N/A
Manifest Docket Number: 3105924JJK
Waste Description: 2.5 Gal Drum Disposal-Develop.
Quantity: 2.5
WT/Vol Units: G
Item Number: 1
Transporter Name: Stericycle, Inc
Transporter EPA ID: RID500008763
GEN Cert Date: 1/8/2008
Transporter Receipt Date: 1/8/2008
Transporter 2 Receipt Date: Not reported
TSDF Receipt Date: 1/8/2008
EPA ID: RIR000500892
Transporter 2 ID: N/A

L43 METROPOLITAN CLEANERS
South 132 SPRING ST
1/8-1/4
NEWPORT, RI
0.162 mi.
858 ft.
Site 1 of 5 in cluster L
Relative: Higher
Actual: 48 ft.
RCRA NonGen / NLR:
Date form received by agency: 03/20/1984
Facility name: METROPOLITAN CLEANERS
Facility address: 132 SPRING ST
NEWPORT, RI 02840
EPA ID: RID018510016
Mailing address: SPRING ST
NEWPORT, RI 02840
Contact: DAVID-E DELNERO
Contact address: 132 SPRING ST
NEWPORT, RI 02840
Contact country: US
Contact telephone: (401) 847-4100
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
METROPOLITAN CLEANERS (Continued) 1000367807

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Violation Status: No violations found
FINDS:
Registry ID: 110004905256

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource
Conservation and Recovery Act (RCRA) program through the tracking of
events and activities related to facilities that generate, transport,
treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA
program staff to track the notification, permit, compliance, and
corrective action activities required under RCRA.

L44 METROPOLITAN CLEANERS LTD. RI UST U003544213
South UST 132 SPRING ST N/A
1/8-1/4 NEWPORT, RI N/A
0.162 mi. 858 ft.
Site 2 of 5 in cluster L
Relative:
Higher
Actual:
48 ft.

UST:
Facility ID: UST-1851
Facility Class: Commercials

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 500
Tank Substance: Not Listed
Date Installed: 06/01/1978
<table>
<thead>
<tr>
<th>K45</th>
<th>ASPIRE DERMATOLOGY</th>
<th>RCRA-SQG FINDS</th>
<th>1016144981 RIR000511600</th>
</tr>
</thead>
<tbody>
<tr>
<td>West</td>
<td>51 LONG WHARF MALL</td>
<td>NEWPORT, RI 02840</td>
<td>0.163 mi. 859 ft. Site 2 of 2 in cluster K</td>
</tr>
<tr>
<td>Relative: Lower</td>
<td>Actual: 8 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RCRA-SQG:</strong></td>
<td><strong>Date form received by agency:</strong> 03/20/2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Facility name:</strong> ASPIRE DERMATOLOGY</td>
<td><strong>Facility address:</strong> 51 LONG WHARF MALL NEWPORT, RI 02840</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EPA ID:</strong> RIR000511600</td>
<td><strong>Mailing address:</strong> LONG WHARF MALL NEWPORT, RI 02840</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Contact:</strong> KATHLEEN M MINNOCK</td>
<td><strong>Contact address:</strong> Not reported</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Contact country:</strong> US</td>
<td><strong>Contact telephone:</strong> (401) 865-6464</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Telephone ext.:</strong> 1006</td>
<td><strong>Contact email:</strong> Not reported</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EPA Region:</strong> 01</td>
<td><strong>Classification:</strong> Small Small Quantity Generator</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Description:</strong> Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Owner/Operator Summary:</strong></td>
<td><strong>Owner/operator name:</strong> JASON MICHAELS MD</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Owner/operator address:</strong> Not reported</td>
<td><strong>Owner/operator telephone:</strong> Not reported</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Owner/operator country:</strong> US</td>
<td><strong>Legal status:</strong> Private</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Owner/operator type:</strong> Owner</td>
<td><strong>Owner/Op start date:</strong> 01/01/2003</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Owner/Op end date:</strong> Not reported</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Handler Activities Summary:</strong></td>
<td><strong>U.S. importer of hazardous waste:</strong> No</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mixed waste (haz. and radioactive):</strong> No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recycler of hazardous waste:</strong> No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Transporter of hazardous waste:</strong> No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Treater, storer or disposer of HW:</strong> No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Underground injection activity:</strong> No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>On-site burner exemption:</strong> No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ASPIRE DERMATOLOGY (Continued)

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

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

Violation Status: No violations found

FINDS:
Registry ID: 110055475114

Environmental Interest/Information System

L46 South
1/8-1/4
0.164 mi.
867 ft.

TRINITY CHURCH
NEWPORT, RI

Site 3 of 5 in cluster L

Relative: Higher
Actual: 54 ft.

UST:
Facility ID: UST-16499
Facility Class: Other

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 2000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

RI UST U001473917
N/A
<table>
<thead>
<tr>
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<th>Direction</th>
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<th>Elevation</th>
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<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>L47</td>
<td>South</td>
<td>0.166 mi.</td>
<td>877 ft.</td>
<td>Site 4 of 5 in cluster L</td>
<td>RI UST</td>
<td>U003378596</td>
<td>N/A</td>
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<tr>
<td>M48</td>
<td>NNE</td>
<td>0.168 mi.</td>
<td>885 ft.</td>
<td>Site 1 of 5 in cluster M</td>
<td>RCRA-SQG</td>
<td>1000574128</td>
<td>FINDS RID987478575</td>
</tr>
</tbody>
</table>

**UST:**
- **Facility ID:** UST-18222
- **Facility Class:** Commercials
- **Tank ID:** 1
- **Tank Status:** Permanently Closed
- **Tank Capacity:** 0
- **Tank Substance:** Heating Oil No.2
- **Date Installed:** 04/25/2001

**RCRA-SQG:**
- **Date form received by agency:** 03/25/1991
- **Facility name:** NEWPORT MOTORCYCLE REPAIR
- **EPA ID:** RID987478575
- **Mailing address:** W BROADWAY NEWPORT, RI 02840
- **Contact:** BENJAMIN HALL
- **Contact address:** 89 W BROADWAY NEWPORT, RI 02840
- **Contact country:** US
- **Contact telephone:** (401) 849-9244
- **EPA Region:** 01
- **Classification:** Small Small Quantity Generator
- **Description:** Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 100 kg of hazardous waste at any time

**Owner/Operator Summary:**
- **Owner/operator name:** ROBERT PURDY
- **Owner/operator address:** OWNERSTREET OWNERCITY, RI OWNER
- **Owner/operator country:** Not reported
- **Owner/operator telephone:** (401) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported
- **Owner/operator name:** OPERNAME
- **Owner/operator address:** OPERSTREET RI OPERZ
- **Owner/operator country:** Not reported
NEWPORT MOTORCYCLE REPAIR (Continued)

Owner/operator telephone: (401) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110004927303

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
<table>
<thead>
<tr>
<th>Site</th>
<th>Database(s)</th>
<th>EDR ID Number</th>
<th>EPA ID Number</th>
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<tbody>
<tr>
<td>49 NW</td>
<td>FINDS</td>
<td>1000445236</td>
<td>RID987473048</td>
</tr>
</tbody>
</table>

**RCRA NonGen / NLR:**

- **Date form received by agency:** 12/19/2007
- **Facility name:** ANTIQUE CLOCK RESTORATION
- **Facility address:** 79 THAMES ST, NEWPORT, RI 02840
- **EPA ID:** RID987473048
- **Mailing address:** THAMES ST, NEWPORT, RI 02840
- **Contact:** W E CHRISTIANSEN
- **Contact address:** 79 THAMES ST, NEWPORT, RI 02840
- **Contact country:** US
- **Contact telephone:** (401) 849-6690
- **Contact email:** Not reported
- **EPA Region:** 01
- **Classification:** Non-Generator
- **Description:** Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

- **Owner/operator name:** A F NEWELL
- **Owner/operator address:** OWNERS STREET, OWNER
- **Owner/operator country:** Not reported
- **Owner/operator telephone:** (401) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported

**Handler Activities Summary:**

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

**Historical Generators:**

- **Date form received by agency:** 07/20/1990
- **Facility name:** ANTIQUE CLOCK RESTORATION
- **Classification:** Small Quantity Generator

**Elevation:** 9 ft.**
Hazardous Waste Summary:

Waste code: D001
Waste name: Lacquer thinner

Ignitable hazardous wastes are those wastes which have a flashpoint of less than 140 degrees Fahrenheit as determined by a Pensky-Martens closed cup flash point tester. Another method of determining the flash point of a waste is to review the material safety data sheet, which can be obtained from the manufacturer or distributor of the material. Lacquer thinner is an example of a commonly used solvent which would be considered as ignitable hazardous waste.

Violations Status: No violations found

FINDS:

Registry ID: 110004925305

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HUD BROADWAY WEST BROADWAY PROJECT  (Continued)

Owner/Operator Summary:
Owner/operator name: WEST BROADWAY ASSOCIATES
Owner/operator address: 720 STATLER OFFICE BLG
BOSTON, MA 02110
Owner/operator country: Not reported
Owner/operator telephone: (413) 525-4585
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 12/15/1982
Facility name: HUD BROADWAY WEST BROADWAY PROJECT
Classification: Not a generator, verified
Violation Status: No violations found

FINDS:
Registry ID: 110007825773
HUD BROADWAY WEST BROADWAY PROJECT (Continued)

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

51  
South
1/8-1/4
0.177 mi.
934 ft.

Relative: Higher
Actual: 57 ft.

BOYS & GIRLS CLUB
95 CHURCH ST
NEWPORT, RI

UST:
Facility ID: UST-18620
Facility Class: Other

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 2000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

52  
North
1/8-1/4
0.178 mi.
940 ft.

Relative: Lower
Actual: 28 ft.

MARTIN LUTHER KING COMMUNITY CENTER
NEWPORT, RI

LUST:
Project Number: 2221-LS
Project Date: 11/01/1992
Facility Id: 16354
Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required

UST:
Facility ID: UST-16354
Facility Class: Other

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 2000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 2000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>L53</td>
<td>South</td>
<td>0.181 mi.</td>
<td>Site 5 of 5 in cluster L</td>
<td>RI UST</td>
<td>U003759540</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**UST:**
- **Facility ID:** UST-18829
- **Facility Class:** Commercials
- **Tank ID:** 1
- **Tank Status:** Permanently Closed
- **Tank Capacity:** 1000
- **Tank Substance:** Unknown
- **Date Installed:** 04/25/2001

---

| M54    | NNE        | 0.190 mi.| Site 3 of 5 in cluster M | RI LUST | U001212936 | N/A |

**LUST:**
- **Project Number:** 2265-LS
- **Project Date:** 06/14/1999
- **Facility ID:** 2894
- **Facility Status:** Inactive; Investigation/Remed. Complete, No Further Action Required

**UST:**
- **Facility ID:** UST-2894
- **Facility Class:** Commercials
- **Tank ID:** 1
- **Tank Status:** Permanently Closed
- **Tank Capacity:** 5000
- **Tank Substance:** Gasoline
- **Date Installed:** 06/01/1975

- **Tank ID:** 2
  - **Tank Status:** Permanently Closed
  - **Tank Capacity:** 5000
  - **Tank Substance:** Gasoline
  - **Date Installed:** 06/01/1975

- **Tank ID:** 3
  - **Tank Status:** Permanently Closed
  - **Tank Capacity:** 5000
  - **Tank Substance:** Gasoline
  - **Date Installed:** 06/01/1975

- **Tank ID:** 4
  - **Tank Status:** Permanently Closed
  - **Tank Capacity:** 5000
  - **Tank Substance:** Gasoline
  - **Date Installed:** 06/01/1975
FOLEY'S GULF SERVICE (Continued)

Tank ID: 5
Tank Status: Permanently Closed
Tank Capacity: 500
Tank Substance: Waste Oil
Date Installed: 04/25/2001

Tank ID: 6
Tank Status: In Use
Tank Capacity: 500
Tank Substance: Heating Oil No.2
Date Installed: 03/01/1984

RCRA-SQG: 1004779481
FINDS: RIR000017145

G & S AUTOMOTIVE
105 BROADWAY
NEWPORT, RI 02840

Relative: Lower
Actual: 29 ft.

Date form received by agency: 09/10/1999
Facility name: G & S AUTOMOTIVE
Facility address: 105 BROADWAY
NEWPORT, RI 02840
EPA ID: RIR000017145
Mailing address: BROADWAY
NEWPORT, RI 02840
Contact: KENNETH GAISFORD
Contact address: BROADWAY
NEWPORT, RI 02840
Contact country: US
Contact telephone: (401) 846-0794
Contact email: Not reported
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: FOLEY BROS
Owner/operator address: 105 BROADWAY
NEWPORT, RI 02840
Owner/operator country: Not reported
Owner/operator telephone: (401) 846-3533
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
G & S AUTOMOTIVE  (Continued)

Treater, storer or disposer of HW:  No
Underground injection activity:  No
On-site burner exemption:  No
Furnace exemption:  No
Used oil fuel burner:  No
Used oil processor:  No
User oil refiner:  No
Used oil fuel marketer to burner:  No
Used oil Specification marketer:  No
Used oil transfer facility:  No
Used oil transporter:  No

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

Waste code: R010
Waste name: WASTE OIL

Violation Status: No violations found

FINDS:
Registry ID: 110004935447

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
<table>
<thead>
<tr>
<th>Name: FOLEYS CITGO SERVICE GARAGE</th>
<th>Year: 2003</th>
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<tbody>
<tr>
<td>Address: 105 BROADWAY</td>
<td></td>
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<tr>
<td>Name: NEWPORT AUTO RENTAL INC</td>
<td>Year: 2004</td>
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<tr>
<td>Address: 105 BROADWAY</td>
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<td>Name: FOLEYS CITGO SERVICE GARAGE</td>
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<tr>
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<tr>
<td>Name: G &amp; S AUTOMOTIVE REPAIR</td>
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<tr>
<td>Address: 105 BROADWAY</td>
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<td>Name: G &amp; S AUTOMOTIVE REPAIR</td>
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<td>Address: 105 BROADWAY</td>
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<td>Name: G &amp; S AUTOMOTIVE REPAIR</td>
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<td>Address: 105 BROADWAY</td>
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<td>Year: 2012</td>
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<tr>
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<td>MAP FINDINGS</td>
<td>MAP FINDINGS</td>
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<tr>
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<td>--------------</td>
</tr>
<tr>
<td><strong>N58</strong></td>
<td><strong>NEWPORT POLICE STATION</strong></td>
</tr>
<tr>
<td><strong>NNE</strong></td>
<td><strong>RI UST</strong></td>
</tr>
<tr>
<td><strong>0.214 mi.</strong></td>
<td><strong>U001213123</strong></td>
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<tr>
<td><strong>1130 ft.</strong></td>
<td><strong>N/A</strong></td>
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<tr>
<td><strong>Site 1 of 2 in cluster N</strong></td>
<td><strong>Facility Status:</strong></td>
</tr>
<tr>
<td><strong>Relative:</strong></td>
<td><strong>Soil Removal Only; No Further Action Required</strong></td>
</tr>
<tr>
<td><strong>Lower</strong></td>
<td><strong>UST:</strong></td>
</tr>
<tr>
<td><strong>Actual:</strong></td>
<td><strong>Tank ID:</strong></td>
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<tr>
<td><strong>28 ft.</strong></td>
<td><strong>1</strong></td>
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<tr>
<td><strong>2000 Tank Substance:</strong></td>
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</tr>
<tr>
<td><strong>5000 Tank Capacity:</strong></td>
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<tr>
<td><strong>02/01/1985 Date Installed:</strong></td>
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<td><strong>Diesel Tank Substance:</strong></td>
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<td><strong>2 Tank ID:</strong></td>
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<tr>
<td><strong>10000 Tank Capacity:</strong></td>
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<td><strong>Permanently Closed Tank Status:</strong></td>
<td><strong>1</strong></td>
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<td><strong>2 Tank ID:</strong></td>
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<td><strong>Diesel Tank Substance:</strong></td>
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<td><strong>05/24/1995 Project Date:</strong></td>
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</table>

| **O59** | **HOTEL VIKING** |
| **SE** | **RI UST** |
| **1/8-1/4** | **S109578431** |
| **0.220 mi.** | **N/A** |
| **1161 ft.** | **Facility Status:** |
| **Site 1 of 3 in cluster O** | **Soil Removal Only; No Further Action Required** |
| **Relative:** | **UST:** |
| **Higher** | **Project Number:** |
| **Actual:** | **2238-ST** |
| **92 ft.** | **Project Date:** |
| | **03/02/1995** |
| **2238 ST Project Number:** | **Facility Id:** |
| | **0079** |
| **Hotel Viking Facility Id:** | **Facility Status:** |
| | **Soil Removal Only; No Further Action Required** |

| **O60** | **HOTEL VIKING NEWPORT** |
| **SE** | **RI UST** |
| **1/8-1/4** | **U001210920** |
| **0.220 mi.** | **N/A** |
| **1161 ft.** | **Facility Status:** |
| **Site 2 of 3 in cluster O** | **Soil Removal Only; No Further Action Required** |
| **Relative:** | **UST:** |
| **Higher** | **Tank ID:** |
| **Actual:** | **1** |
| **92 ft.** | **Tank Status:** |
| | **Permanently Closed** |
| **Hotel Viking NEWPORT Tank Status:** | **Tank ID:** |
| | **2** |
| **Heating Oil No.2 Tank Substance:** | **Tank Status:** |
| | **Permanently Closed** |
| **10000 Tank Capacity:** | **Tank ID:** |
| **10000 Date Installed:** | **2** |
| **2 Tank ID:** | **Tank Status:** |
| | **Permanently Closed** |
| **6600 Tank Capacity:** | **2** |
| **6600 Date Installed:** | **2** |
| **2 Tank ID:** | **Tank Status:** |
### HOTEL VIKING NEWPORT (Continued)

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<tr>
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<th>Tank Capacity</th>
<th>Tank Substance</th>
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<tbody>
<tr>
<td>3</td>
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<td>Heating Oil No.2</td>
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### ST. JOSEPH CHURCH

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<th>Relative</th>
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<tr>
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**Address:** NEWPORT, RI

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<td>Facility address</td>
<td>Spring St &amp; Mill St, Newport, RI 02840</td>
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<tr>
<td>Mailing address</td>
<td>Sylvan Road, Waltham, MA 02451</td>
<td></td>
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<tr>
<td>Contact</td>
<td>Beverly Auxford-Paiava</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Contact country</td>
<td>US</td>
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<tr>
<td>Contact telephone</td>
<td>(401) 784-7490</td>
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<tr>
<td>Contact email</td>
<td><a href="mailto:Beverly.Auxford-Paiava@US.NGRID.COM">Beverly.Auxford-Paiava@US.NGRID.COM</a></td>
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<tr>
<td>EPA Region</td>
<td>01</td>
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<td>Non-Generator</td>
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<td>Description</td>
<td>Handler: Non-Generators do not presently generate hazardous waste</td>
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<tr>
<td>Owner/operator name</td>
<td>The Narragansett Electric Company</td>
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<td>Owner/operator address</td>
<td>Melrose Street, Providence, RI 02907</td>
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<td>Handler Activities Summary</td>
<td>U.S. importer of hazardous waste: No</td>
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<td>Mixed waste (haz. and radioactive): No</td>
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<td>Recycler of hazardous waste: No</td>
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<td>Underground injection activity: No</td>
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<td>Used oil processor: No</td>
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<td>Actual</td>
<td>45 ft.</td>
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</table>
| Site 1 of 2 in cluster P     | P62 South SPRING ST & MILL ST 1/8-1/4 0.224 mi. 1182 ft. Site 1 of 2 in cluster P
MANHOLE (Continued)

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

Historical Generators:
Date form received by agency: 03/01/2010
Facility name: MANHOLE
Site name: NATIONAL GRID
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD
Waste code: D008
Waste name: LEAD
Violation Status: No violations found

P63
NARRAGANSETT ELECTRIC
RCRA NonGen / NLR
1012188224
RIP000027331
South
MILL AND SPRING ST
NEWPORT, RI 02840
1/8-1/4
0.226 mi.
1194 ft.
Site 2 of 2 in cluster P

Relative: Higher
Actual: 44 ft.

Date form received by agency: 02/26/2014
Facility name: NARRAGANSETT ELECTRIC
Facility address: MILL AND SPRING ST
NEWPORT, RI 02840
EPA ID: RIP000027331
Mailing address: QUAKER LANE
NORTH KINGSTOWN, RI 02852
Contact: WILLIAM R HOWARD
Contact address: QUAKER LANE
NORTH KINGSTOWN, RI 02852
Contact country: US
Contact telephone: (401) 267-6805
Contact email: WILLIAM.HOWARD@US.NGRID.COM
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CITY OF NEWPORT
Owner/operator address: MILL AND SPRING STREETS
NEWPORT, RI 02840
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/04/1776
Owner/Op end date: Not reported

Owner/operator name: NARRAGANSETT ELECTRIC
Owner/operator address: QUAKER LANE
NORTH KINGSTOWN, RI 02852
### NARRAGANSETT ELECTRIC (Continued)

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<tr>
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<th>Direction</th>
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<th>Elevation</th>
<th>Site</th>
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<th>EPA ID Number</th>
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Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1900  
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 02/01/2008  
Facility name: NARRAGANSETT ELECTRIC  
Site name: MILL AND SPRING ST  
Classification: Not a generator, verified

Hazardous Waste Summary:
- Waste code: D008  
- Waste name: LEAD  
- Waste code: D008  
- Waste name: LEAD

Violation Status: No violations found

---

### BULK TRUCK & EQUIPMENT COMPANY

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<thead>
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<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
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<tbody>
<tr>
<td>54</td>
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<td>1233 ft.</td>
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Relative: Higher  
Actual: 87 ft.

| UST: Facility ID: UST-421  
Facility Class: Commercials  
Tank ID: 1  
Tank Status: Permanently Closed  
Tank Capacity: 500  
Tank Substance: Gasoline  
Date Installed: 04/25/2001 |
|--------------------------|----------------|-------------|-----------|------|-------------|---------------|

BULK TRUCK & EQUIPMENT COMPANY  
12 BRINLEY ST  
NEWPORT, RI  
RI UST U001211154  
N/A
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>Site</th>
<th>Database(s)</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>NW</td>
<td>1/8-1/4</td>
<td>0.235 mi.</td>
<td>CITY AUTO BODY</td>
<td>RI MANIFEST</td>
<td>1000456640</td>
</tr>
</tbody>
</table>

**RCRA NonGen / NLR:**
- **Date form received by agency:** 11/07/1990
- **Facility name:** CITY AUTO BODY
- **Facility address:** 11 BRIDGE ST, NEWPORT, RI 02840
- **EPA ID:** RID987474624
- **Mailing address:** BRIDGE ST, NEWPORT, RI 02840
- **Contact:** JOSEPH ALVES
- **Contact address:** 11 BRIDGE ST, NEWPORT, RI 02840
- **Contact country:** US
- **Contact telephone:** (401) 847-9347
- **Contact email:** Not reported
- **EPA Region:** 01
- **Classification:** Non-Generator
- **Description:** Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**
- **Owner/operator name:** JOSEPH ALVES
- **Owner/operator address:** OWNERSTREET, OWNER, CITY, RI OWNER
- **Owner/operator country:** Not reported
- **Owner/operator telephone:** (401) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Owner
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported

**Owner/operator name:** OPERSTREET
- **Owner/operator address:** OPERSTREET, RI OPERZ
- **Owner/operator country:** Not reported
- **Owner/operator telephone:** (401) 555-1212
- **Legal status:** Private
- **Owner/Operator Type:** Operator
- **Owner/Op start date:** Not reported
- **Owner/Op end date:** Not reported

**Handler Activities Summary:**
- **U.S. importer of hazardous waste:** No
- **Mixed waste (haz. and radioactive):** No
- **Recycler of hazardous waste:** No
- **Transporter of hazardous waste:** No
- **Treater, storer or disposer of HW:** No
- **Underground injection activity:** No
- **On-site burner exemption:** No
- **Furnace exemption:** No
- **Used oil fuel burner:** No
- **Used oil processor:** No
- **User oil refiner:** No
- **Used oil fuel marketer to burner:** No
CITY AUTO BODY (Continued) 1000456640

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

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110004926117

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

UST:
- Facility ID: UST-15594
- Facility Class: Gasoline Station
- Tank ID: 1
- Tank Status: Permanently Closed
- Tank Capacity: 5000
### CITY AUTO BODY (Continued)

**Tank Substance:** Gasoline  
**Date Installed:** 04/25/2001

<table>
<thead>
<tr>
<th>Tank ID</th>
<th>Status</th>
<th>Capacity</th>
<th>Substance</th>
<th>Date Installed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Permanently Closed</td>
<td>4000</td>
<td>Gasoline</td>
<td>04/25/2001</td>
</tr>
<tr>
<td>3</td>
<td>Permanently Closed</td>
<td>2500</td>
<td>Gasoline</td>
<td>04/25/2001</td>
</tr>
</tbody>
</table>

**RI MANIFEST:**
- **GEN Cert Date:** 11/27/1996
- **Transporter Receipt Date:** Not reported
- **Number Of Containers:** 0
- **Container Type:** Not reported
- **Waste Code1:** D001
- **Waste Code2:** Not reported
- **Waste Code3:** Not reported
- **Comment:** Not reported
- **Fee Exempt Code:** Not reported
- **TSDF Name:** ENVIRONMENTAL WASTE RESOURCES
- **TSDF ID:** CTD072138969
- **TSDF Date:** Not reported
- **Transporter 2 Name:** Not reported
- **Transporter 2 ID:** Not reported
- **Manifest Docket Number:** CTF0484633
- **Waste Description:** TOLUENE/XYLENE
- **Quantity:** 190
- **WT/Vol Units:** G
- **Item Number:** 1
- **Transporter Name:** ADVANCED ENVIR TECH SRVS
- **Transporter EPA ID:** NJD080631369
- **GEN Cert Date:** 11/27/1996
- **Transporter Recpt Date:** Not reported
- **Transporter 2 Recpt Date:** Not reported
- **TSDF Recpt Date:** Not reported
- **EPA ID:** RID987474624
- **Transporter 2 ID:** Not reported

---

**O66 BELLEVUE MANOR (BED AND BREAKFAST)**

**SE**  
10 BELLEVUE AVE  
NEWPORT, RI  
1/8-1/4  
0.239 mi.  
1261 ft.  
Sit 3 of 3 in cluster O

**Relative:** Higher  
**Actual:** 94 ft.

**LUST:**
- **Project Number:** 2250-ST  
- **Project Date:** 04/10/1997  
- **Facility Id:** 181999

**RI LUST**
- **RI LUST:** U003207944  
- **RI UST:** N/A
BELLEVUE MANOR (BED AND BREAKFAST)  (Continued)  

Facility Status:  Soil Removal Only; No Further Action Required

UST:

Tank ID:  1
Tank Status:  Permanently Closed
Tank Capacity:  1000
Tank Substance:  Heating Oil No.2
Date Installed:  04/25/2001

BELLEVUE MANOR (BED AND BREAKFAST)  (Continued)  

Facility Status:  Soil Removal Only; No Further Action Required

UST:

Tank ID:  1
Tank Status:  Permanently Closed
Tank Capacity:  1000
Tank Substance:  Heating Oil No.2
Date Installed:  04/25/2001

67  PELHAM PLACE  RI SHWS  S107505221
SSW  14 PELHAM STREET  RI LUST  N/A
1/4-1/2  NEWPORT, RI  RI BROWNFIELDS  N/A
0.273 mi.  1442 ft.

Relative:  Lower
Actual:  17 ft.

SHWS:

Project Code:  FGR-FUDS
Siterem Site Number:  SR-22-1091 A
Facility Status:  Active
Project Code Desc:  FGR-FUDS
Project Date:  Not reported

Project Code:  PELH-HWM
Siterem Site Number:  SR-22-1091 B
Facility Status:  Monitoring
Project Code Desc:  PELH-HWM
Project Date:  10/20/2005

LUST:

Project Number:  2287-LS
Project Date:  03/09/2007
Facility Id:  15839
Facility Status:  Active; Investigation/Remed. Required

BROWNFIELDS:

Project:  FGR-FUDS
Facility Status:  Not reported
Status:  A
Project Date:  Not reported

Project:  PELH-HWM
Facility Status:  RA
Status:  M
Project Date:  10/20/2005
<table>
<thead>
<tr>
<th>Site</th>
<th>SHWS</th>
<th>RI SHWS</th>
<th>RI BROWNFIELDS</th>
<th>EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEWPORT HARBOR HOTEL AND MARINA</td>
<td>SHWS:</td>
<td>49 AMERICA'S CUP AVENUE</td>
<td>RI SHWS</td>
<td>S114562451</td>
</tr>
<tr>
<td>NEWPORT, RI</td>
<td>Relative: Lower</td>
<td>1/4-1/2</td>
<td>0.298 mi.</td>
<td>1572 ft.</td>
</tr>
<tr>
<td></td>
<td>Actual: 9 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Facility Status: Inactive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project Code: NHHM-NJD</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Project Code Desc: NHHM-NJD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project Date: 12/24/1996</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REDWOOD LIBRARY</td>
<td>SHWS:</td>
<td>50 BELLEVUE AVENUE</td>
<td>RI SHWS</td>
<td>S108024921</td>
</tr>
<tr>
<td>NEWPORT, RI</td>
<td>Relative: Higher</td>
<td>1/4-1/2</td>
<td>0.311 mi.</td>
<td>1643 ft.</td>
</tr>
<tr>
<td></td>
<td>Actual: 87 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Facility Status: Active</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project Code: REDW-HWM</td>
<td></td>
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<td></td>
<td>Project Code Desc: REDW-HWM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project Date: 11/29/2004</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAINBRACE RESTAURANT</td>
<td>SHWS:</td>
<td>LONG WHARF</td>
<td>RI SHWS</td>
<td>S103247146</td>
</tr>
<tr>
<td>NEWPORT, RI</td>
<td>Relative: Lower</td>
<td>1/4-1/2</td>
<td>0.329 mi.</td>
<td>1739 ft.</td>
</tr>
<tr>
<td></td>
<td>Actual: 0 ft.</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Facility Status: Inactive</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Project Code: MNBFR-HWM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project Code Desc: MNBFR-HWM</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Project Date: 04/21/1997</td>
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</tr>
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</table>

AUL:
- ELUR Date: 06/27/1997
- Count Of Town: 0
- Facility Size (Acres): 0.100
- Project Code: MNBFR-HWM
- SA Date: Not reported
## MAINBRACE RESTAURANT (Continued)

<table>
<thead>
<tr>
<th>Plat: 16</th>
<th>Lot: 128</th>
<th>Siteem Site Number: SR-22-0758</th>
</tr>
</thead>
</table>

### BROWNFIELDS:

<table>
<thead>
<tr>
<th>Project: MNBR-HWM</th>
<th>Facility Status: LOC ISSUED</th>
<th>Status: I</th>
<th>Project Date: 04/21/1997</th>
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</thead>
</table>

### NEWPORT MARRIOTT

<table>
<thead>
<tr>
<th>71</th>
<th>SSW</th>
<th>25 AMERICA’S CUP</th>
<th>1/4-1/2</th>
<th>0.349 mi.</th>
<th>1841 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>NEWPORT, RI</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Relative: Lower</th>
<th>Actual: 11 ft.</th>
<th>SHWS:</th>
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</thead>
<tbody>
<tr>
<td>Project Code:</td>
<td>NMRT-HWM</td>
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</tr>
<tr>
<td>Siteem Site Number:</td>
<td>SR-22-0997</td>
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### AUL:

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<th>ELUR Date: 10/16/1998</th>
<th>Count Of Town: 1</th>
<th>Facility Size (Acres): Not reported</th>
<th>Project Code: NMRT-HWM</th>
<th>SA Date: Not reported</th>
<th>Plat: 16</th>
<th>Lot: 127</th>
<th>Siteem Site Number: SR-22-0997</th>
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</thead>
</table>

### BROWNFIELDS:

<table>
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<th>Facility Status: INACTIVE</th>
<th>Status: I</th>
<th>Project Date: 04/08/1998</th>
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</table>

### EASTERN RESORTS (SEE LONG WHARF)

<table>
<thead>
<tr>
<th>Q72</th>
<th>West</th>
<th>125-135 &amp; 126-128 LONG WHARF</th>
<th>1/4-1/2</th>
<th>0.358 mi.</th>
<th>1889 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>NEWPORT, RI</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site 1 of 2 in cluster Q</th>
<th>Relative: Lower</th>
<th>Actual: 0 ft.</th>
<th>SHWS:</th>
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</table>

### BROWNFIELDS:

<table>
<thead>
<tr>
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<th>EDR ID Number:</th>
<th>Site:</th>
<th>Database(s):</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>EDR ID Number:</th>
<th>Site:</th>
<th>Database(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>S103247146</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
EASTERN RESORTS (SEE LONG WHARF) (Continued)

Facility Status: RAR pend
Status: A
Project Date: 12/08/1998

---

Q73 INN ON LONG WHARF
West 142 LONG WHARF
1/4-1/2 NEWPORT, RI
0.359 mi. 1893 ft. Site 2 of 2 in cluster Q
1/4-1/2 RI Brownfields NEWPORT, RI

Relative: SHWS:
Lower Project Code: IOLW-HWM
Siterrum Site Number: SR-22-0757

Actual: Facility Status: Active
Project Code Desc: IOLW-HWM
Project Date: 10/08/2002

AUL:
ELUR Date: 07/27/2007
Count Of Town: 1
Facility Size (Acres): Not reported
Project Code: IOLW-HWM
SA Date: Not reported
Plat: 16
Lot: 158
Siterrum Site Number: SR-22-0757

BROWNFIELDS:
Project: IOLW-HWM
Facility Status: SIR
Status: A
Project Date: 10/08/2002

---

R74 LONG WHARF PUMPING STATION
West 1/4-1/2 NEWPORT, RI
0.396 mi. 2104 ft. Site 1 of 3 in cluster R
1/4-1/2 RI Brownfields NEWPORT, RI

Relative: SHWS:
Lower Project Code: LW-SFA
Siterrum Site Number: SR-22-0756 B

Actual: Facility Status: Active
Project Code Desc: LW-SFA
Project Date: 06/01/1993

Project Code: LWH-HWM
Siterrum Site Number: SR-22-0756 A
Facility Status: Inactive
Project Code Desc: LWH-HWM
Project Date: 09/30/1992

UST:
Facility ID: UST-604
Facility Class: City/Town Government
LONG WHARF PUMPING STATION (Continued)

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 3000
Tank Substance: Diesel
Date Installed: 04/01/1976

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 3000
Tank Substance: Diesel
Date Installed: 02/01/1991

Tank ID: 3
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: 04/01/1976

BROWNFIELDS:
Project: LWH-HWM
Facility Status: LOC ISSUED
Status: I
Project Date: 09/30/1992

Project: LW-SFA
Facility Status: SI
Status: A
Project Date: 06/01/1993

R75 West
1/4-1/2
0.398 mi.
2104 ft.
CORNER OF LONG WHARF & WASHINGTON STREET
NEWPORT, RI 02840

Site of 2 of 3 in cluster R

CERCLIS:
Site ID: 0102679
EPA ID: RID987493335
Facility County: NEWPORT
Short Name: LONG WHARF AREA
Congressional District: 01
IFMS ID: Not reported
SMSA Number: Not reported
USGC Hydro Unit: 01090004
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: N
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: Not reported
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 01
Classification: Not reported
LONG WHARF AREA (Continued)

Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RRResp Fed Agency Code: Not reported
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup
Non NPL Status Date: 05/27/99
Site Fips Code: 44005
CC Concurrence Date: / / 
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):
Contact ID: 13004278.00000
Contact Name: Margaret Morris
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 06/01/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 11/08/94
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: SITE INSPECTION
Date Started: 12/13/94
Date Completed: 07/19/95
Priority Level: Higher priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
**LONG WHARF AREA** (Continued)

<table>
<thead>
<tr>
<th>Site</th>
<th>Facility ID</th>
<th>Nature Of Spill</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000816827</td>
<td>AIR3317</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
<tr>
<td>09/22/2000</td>
<td>1141</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
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<td>01/01/1990</td>
<td>2010</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
<tr>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**SPILLS:**
- Report Number: Not reported
- Report Date: Not reported
- Material Spilled: Not reported
- Inspector: Not reported
- Source: Not reported
- Complaint Number: 15232
- Complaint Date: 09/22/2000
- Inspect ID: 11981
- Inspection Date: 09/22/2000
- Founded: Y
- Amount Spilled: 30
- Units Spilled: Gallons
- Nature Of Spill: Not reported
- Nature Of Spill 2: Not reported

**AIRS:**
- Facility ID: AIR3317
- SIC Code: 3731
- AIRS Code: Not reported
- Ploverid: 1141
- Date Received: 01/01/1990
- Invent Year: 2010
- Source Classification: Not reported
- Total Volatile Organic Compound Emissions (lbs): Not reported
- Total Haz Air Pollutants Emitted Defined by EPA (lbs): Not reported
- Oxides of Nitrogen Emitted (lbs): Not reported
- Carbon Monoxide Emitted (lbs): Not reported
- Total Particulate Matter Emitted (lbs): Not reported

**LONG WHARF AREA**

<table>
<thead>
<tr>
<th>Site</th>
<th>Facility ID</th>
<th>Nature Of Spill</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000816827</td>
<td>AIR3317</td>
<td>Not reported</td>
</tr>
<tr>
<td>09/22/2000</td>
<td>1141</td>
<td>Not reported</td>
</tr>
<tr>
<td>01/01/1990</td>
<td>2010</td>
<td>Not reported</td>
</tr>
<tr>
<td>Not reported</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

**SPILLS:**
- Report Number: Not reported
- Report Date: Not reported
- Material Spilled: Not reported
- Inspector: Not reported
- Source: Not reported
- Complaint Number: 15232
- Complaint Date: 09/22/2000
- Inspect ID: 11981
- Inspection Date: 09/22/2000
- Founded: Y
- Amount Spilled: 30
- Units Spilled: Gallons
- Nature Of Spill: Not reported
- Nature Of Spill 2: Not reported

**AIRS:**
- Facility ID: AIR3317
- SIC Code: 3731
- AIRS Code: Not reported
- Ploverid: 1141
- Date Received: 01/01/1990
- Invent Year: 2010
- Source Classification: Not reported
- Total Volatile Organic Compound Emissions (lbs): Not reported
- Total Haz Air Pollutants Emitted Defined by EPA (lbs): Not reported
- Oxides of Nitrogen Emitted (lbs): Not reported
- Carbon Monoxide Emitted (lbs): Not reported
- Total Particulate Matter Emitted (lbs): Not reported
AMERICAN SHIPYARD LLC. (Continued)

Total Oxides of sulfur Emitted (lbs): Not reported
Mailing Name: RICHARD WILKINSON
Mailing Addr1: 1 WASHINGTON STREET
Mailing Addr2: Not reported
Mailing City/State/Zip: NEWPORT, RI 02840
Num of Employees: 21
Telephone Number: 401-846-6000

Facility ID: AIR3317
SIC Code: 3731
AIRS Code: Not reported
Ploverid: Not reported
Date Received: 01/01/1990
Invent Year: 2009
Source Classification: Not reported
Total Volatile Organic Compound Emissions (lbs): Not reported
Total Haz Air Pollutants Emitted Defined by EPA (lbs): Not reported
Oxides of Nitrogen Emitted (lbs): Not reported
Carbon Monoxide Emitted (lbs): Not reported
Total Particulate Matter Emitted (lbs): Not reported
Total Oxides of sulfur Emitted (lbs): Not reported

AMERICAN SHIPYARD LLC. (Continued)  S105061872
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<td>2292-ST</td>
<td>SR-22-0910</td>
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**AMERICAN SHIPYARD LLC.** (Continued)

| Oxides of Nitrogen Emitted (lbs): | Not reported |
| Carbon Monoxide Emitted (lbs):   | Not reported |
| Total Particulate Matter Emitted (lbs): | Not reported |
| Total Oxides of sulfur Emittet (lbs): | Not reported |
| Mailing Name:                    | RICHARD WILKINSON |
| Mailing Addr1:                   | 1 WASHINGTON STREET |
| Mailing Addr2:                   | Not reported |
| Mailing City/State/Zip:          | NEWPORT, RI 02840 |
| Num of Employees:                | 21 |
| Telephone Number:                | 4018466000 |

**MCGF INC.**

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**NEWPORT HOUSING AUTHORITY**

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**SHWS:**

| Project Code: | NENH-HWM |
| Siterem Site Number: | SR-22-0910 |

**LUST:**

| Project Number: | 2292-ST |
| Project Date: | 02/09/2009 |
| Facility Id: | 4280 |

**BROWNFIELDS:**

| Project: | NENH-HWM |
| Facility Status: | NFRA |
| Status: | I |
| Project Date: | 12/14/2005 |
### Map Findings

- **Map ID**: 79
- **Direction**: SSW
- **Distance**: 1/4-1/2
- **Elevation**: 0.439 mi., 2320 ft.

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<td>RI SHWS</td>
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<td>RI AUL</td>
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#### Facility Status:
- **Relative**: Lower
- **Actual**: 7 ft.

#### Project Details:
- **Project Code**: CHRT-HWM
- **Site Number**: SR-22-0252
- **Project Date**: 12/27/2006

---

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#### Facility Status:
- **Relative**: Higher
- **Actual**: 52 ft.

#### Project Details:
- **Project Number**: 2266-ST
- **Project Date**: 05/22/1999
- **Facility Id**: 2217

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#### Facility Status:
- **Relative**: Lower
- **Actual**: 8 ft.

#### Project Details:
- **Project Code**: IOTH-HWM
- **Site Number**: SR-22-0652
- **Project Date**: 10/08/2002

---

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#### Facility Status:
- **Relative**: Lower
- **Actual**: 8 ft.

#### Project Details:
- **Project Code**: IOTH-HWM
- **Site Number**: SR-22-0652
- **Project Date**: 10/08/2002

---

### Notes
- **AUL**:
  - **ELUR Date**: 04/25/2011
  - **Count Of Town**: 1
  - **Facility Size (Acres)**: 1.01
  - **Project Code**: CHRT-HWM
  - **SA Date**: Not reported
  - **Plat**: 27
  - **Lot**: 133
  - **Siterem Site Number**: SR-22-0252

- **BROWNFIELDS**:
  - **Project**: CHRT-HWM
  - **Facility Status**: Inactive
  - **Facility Id**: 2217
  - **Status**: I
  - **Project Date**: 12/27/2006

- **LUST**:
  - **Facility Status**: Inactive; Investigation/Remed. Complete, No Further Action Required
INN ON THE HARBOR (Continued)

Facility Size (Acres): Not reported
Project Code: IOTH-HWM
SA Date: Not reported
Plat: 27
Lot: 128
Site: Site Number:SR-22-0652

BROWNFIELDS:
Project: IOTH-HWM
Facility Status: NFRA pending
Status: A
Project Date: 10/08/2002

S82 NEWPORT HARBOR CENTER  
SSW 365 THAMES ST  
1/4-1/2  NEWPORT, RI  
0.476 mi. Site 2 of 2 in cluster S  
2514 ft.

Relative: Lower  
Actual: 9 ft.

LUST:
Project Number: 2286-ST
Project Date: 02/07/2007
Facility Id: 2818
Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required

UST:
Facility ID: UST-2818
Facility Class: City/Town Government
Tank ID: 1
Tank Status: In Use
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

83 HUNT HOUSE  
WNW 54 WASHINGTON STREET  
1/4-1/2  NEWPORT, RI  
0.484 mi. 2553 ft.

Relative: Lower  
Actual: 1 ft.

LUST:
Project Number: 2257-ST
Project Date: 04/29/1998
Facility Id: 18530
Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required

TC3945447.2s  Page 80
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**Inspection Date:** Not reported  
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**Amount Spilled:** Not reported  
**Units Spilled:** Not reported  
**Nature Of Spill:** Green Oily Substance coming in with the tide.  
**Nature Of Spill 2:** Not reported

**AUL:**  
**ELUR Date:** 07/27/2007  
**County Of Town:** 1  
**Facility Size (Acres):** NONS-HWM  
**Project Code:** SR-22-0998  
**SA Date:** Not reported  
**Plat:** 27  
**Lot:** 277  
**Siteem Site Number:** SR-22-0998

**BROWNFIELDS:**  
**Project:** NONS-HWM  
**Facility Status:** LOR  
**Status:** A  
**Project Date:** 10/08/2002

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**SHWS:**  
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**Project Code Desc:** PIER-HWM  
**Project Date:** 04/02/2001

**AUL:**  
**ELUR Date:** 12/19/2003  
**County Of Town:** 1  
**Facility Size (Acres):** 0.419  
**Project Code:** PIER-HWM  
**SA Date:** Not reported  
**Plat:** 32  
**Lot:** 48.7, 252  
**Siteem Site Number:** SR-22-0632

**BROWNFIELDS:**  
**Project:** PIER-HWM  
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<tr>
<td>449 THAMES ST</td>
<td>Facility name:</td>
<td>INTERNATIONAL YACHT RESTORATION</td>
<td></td>
</tr>
<tr>
<td>NEWPORT, RI</td>
<td>Facility address:</td>
<td>449 THAMES ST</td>
<td></td>
</tr>
<tr>
<td>RI</td>
<td>EPA ID:</td>
<td>RI5000011866</td>
<td></td>
</tr>
<tr>
<td>RCRA-SQG</td>
<td>Mailing address:</td>
<td>THAMES ST</td>
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</tr>
<tr>
<td>FINDS</td>
<td>Contact:</td>
<td>JIM KENNEDY</td>
<td></td>
</tr>
<tr>
<td>1001225573</td>
<td>Contact address:</td>
<td>449 THAMES ST</td>
<td></td>
</tr>
<tr>
<td>RCRA-SQG</td>
<td>Facility address:</td>
<td>449 THAMES ST</td>
<td></td>
</tr>
<tr>
<td>FINDS</td>
<td>Mailing address:</td>
<td>THAMES ST</td>
<td></td>
</tr>
<tr>
<td>RI</td>
<td>Contact:</td>
<td>JIM KENNEDY</td>
<td></td>
</tr>
<tr>
<td>RCRA-SQG</td>
<td>Contact address:</td>
<td>449 THAMES ST</td>
<td></td>
</tr>
<tr>
<td>FINDS</td>
<td>Facility address:</td>
<td>449 THAMES ST</td>
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<tr>
<td>RI</td>
<td>Mailing address:</td>
<td>THAMES ST</td>
<td></td>
</tr>
<tr>
<td>RCRA-SQG</td>
<td>Contact:</td>
<td>JIM KENNEDY</td>
<td></td>
</tr>
<tr>
<td>FINDS</td>
<td>Contact address:</td>
<td>449 THAMES ST</td>
<td></td>
</tr>
<tr>
<td>RI</td>
<td>Facility address:</td>
<td>449 THAMES ST</td>
<td></td>
</tr>
<tr>
<td>RCRA-SQG</td>
<td>Mailing address:</td>
<td>THAMES ST</td>
<td></td>
</tr>
<tr>
<td>FINDS</td>
<td>Contact:</td>
<td>JIM KENNEDY</td>
<td></td>
</tr>
<tr>
<td>RI</td>
<td>Contact address:</td>
<td>449 THAMES ST</td>
<td></td>
</tr>
</tbody>
</table>
INTERNATIONAL YACHT RESTORATION (Continued)  

Contact country: US  
Contact telephone: (401) 846-4133  
Contact email: Not reported  
EPA Region: 01  
Land type: Private  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

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

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

- Waste code: F003  
- Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS
### INTERNATIONAL YACHT RESTORATION (Continued)

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

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

<table>
<thead>
<tr>
<th>Waste code:</th>
<th>R010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste name:</td>
<td>WASTE OIL</td>
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**Violation Status:** No violations found

**Evaluation Action Summary:**
- **Evaluation date:** 07/12/2007
- **Evaluation:** COMPLIANCE EVALUATION INSPECTION ON-SITE
- **Area of violation:** Not reported
- **Date achieved compliance:** Not reported
- **Evaluation lead agency:** EPA

**FINDS:**
- **Registry ID:** 110004901447

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**SHWS:**
- **Project Code:** THAM-HWM
- **Siteerm Site Number:** SR-22-1529
- **Facility Status:** Active
- **Project Code Desc:** THAM-HWM
- **Project Date:** 08/02/1995

**RI MANIFEST:**
- **GEN Cert Date:** 2/17/2006
- **Transporter Receipt Date:** 3/1/2006
- **Number Of Containers:** 1
- **Container Type:** CM
- **Waste Code1:** D004D005D006
- **Waste Code2:** Not reported
- **Waste Code3:** Not reported
- **Comment:** Not reported
INTERNATIONAL YACHT RESTORATION (Continued)

Fee Exempt Code: Not reported
TSDF Name: Clean Harbors of Braintree
TSDF ID: MAD053452637
TSDF Date: 3/1/2006
Transporter 2 Name: Not reported
Transporter 2 ID: Not reported
Manifest Docket Number: MAU201745
Waste Description: HAZARDOUS WASTE, SOLID, N.O.S. (LEAD, BARIUM)
Quantity: 6
WT/Vol Units: Y
Item Number: 1
Transporter Name: Clean Harbors Environmental Serv
Transporter EPA ID: MAD039322250
GEN Cert Date: 2/17/2006
Transporter Recpt Date: 3/1/2006
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: 3/1/2006
EPA ID: RI5000011866
Transporter 2 ID: Not reported

BROWNFIELDS:
Project: THAM-HWM
Facility Status: NC ELUR
Status: A
Project Date: 08/02/1995

89  PEOPLE’S CREDIT UNION
SE 43 MEMORIAL DRIVE
NEWPORT, RI
1/2-1 0.640 mi.
3380 ft.

Relative: SHWS:
Higher Project Code: PECU-HWM
Siterem Site Number: SR-22-1092

Actual: Facility Status: Inactive
Project Code Desc: PECU-HWM
Project Date: 09/09/2003

LUST:
Project Number: 2291-ST
Project Date: 09/19/2007
Facility Id: 4212
Facility Status: Soil Removal Only; No Further Action Required

AUL:
ELUR Date: 08/12/2008
Count Of Town: 1
Facility Size (Acres): 0.38
Project Code: PECU-HWM
SA Date: Not reported
Plat: 29
Lot: 144
Siterem Site Number: SR-22-1092
### PEOPLE’S CREDIT UNION (Continued)

**Project:** PECU-HWM  
**Facility Status:** LOC  
**Status:** I  
**Project Date:** 05/11/2006

---

#### 90

**South**  
**10 SPRING WHARF**  
**NEWPORT, RI**  
**Distance:** 0.660 mi.  
**Elevation:** 3487 ft.

**Relative:** Lower  
**Actual:** 8 ft.

**SHWS:**  
**Project Code:** SPRW-HWM  
**Site REM Site Number:** SR-22-1510  
**Facility Status:** Inactive  
**Project Code Desc:** SPRW -HWM  
**Project Date:** 09/05/2007

**AUL:**  
**ELUR Date:** 02/11/2008  
**Count Of Town:** 1  
**Facility Size (Acres):** 1  
**Project Code:** SPRW-HWM  
**SA Date:** Not reported  
**Plat:** 32  
**Lot:** 125  
**Site REM Site Number:** SR-22-1510

**BROWNFIELDS:**  
**Project:** SPRW-HWM  
**Facility Status:** LOC  
**Status:** I  
**Project Date:** 09/05/2007

---

#### 91

**NNW**  
**9 JT CONNELL HIGHWAY**  
**NEWPORT, RI**  
**Distance:** 0.683 mi.  
**Elevation:** 3605 ft.

**Relative:** Lower  
**Actual:** 16 ft.

**SHWS:**  
**Project Code:** AARD-HWM  
**Site REM Site Number:** SR-22-0016  
**Facility Status:** Inactive  
**Project Code Desc:** AARD-HWM  
**Project Date:** 03/05/2001

**AUL:**  
**ELUR Date:** 08/09/2002  
**Count Of Town:** 1  
**Facility Size (Acres):** 0.660  
**Project Code:** AARD-HWM  
**SA Date:** Not reported
### AARDVARK ANTIQUES (Continued)

Plat: 9  
Lot: 305  
Site: 305  
Lot: 9  
Plat: AARDVARK ANTIQUES (Continued)  
Siterem Site Number: SR-22-0016  

**BROWNFIELDS:**  

<table>
<thead>
<tr>
<th>Project</th>
<th>Facility Status</th>
<th>Status</th>
<th>Project Date</th>
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</thead>
<tbody>
<tr>
<td>AARD-HWM</td>
<td>LOC</td>
<td>I</td>
<td>03/05/2001</td>
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</table>

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### T92 PROVIDENCE GAS COMPANY #1

<table>
<thead>
<tr>
<th>South</th>
<th>RI SHWS</th>
<th>RI BROWNFIELDS</th>
<th>SHWS:</th>
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</thead>
<tbody>
<tr>
<td>1/2-1</td>
<td>S103247151</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>0.756 mi.</td>
<td>543 THAMES STREET</td>
<td>NEWPORT, RI</td>
<td></td>
</tr>
<tr>
<td>3993 ft.</td>
<td>PROVIDENCE GAS COMPANY #1</td>
<td>1/2-1</td>
<td></td>
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#### Site 1 of 4 in cluster T

<table>
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<tr>
<th>Relative:</th>
<th>Actual:</th>
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<tbody>
<tr>
<td>Lower</td>
<td>8 ft.</td>
</tr>
<tr>
<td>Project Code:</td>
<td>PGC1-HWM</td>
</tr>
<tr>
<td>Siterem Site Number:</td>
<td>SR-22-1154</td>
</tr>
<tr>
<td>Facility Status:</td>
<td>Active</td>
</tr>
<tr>
<td>Project Code Desc:</td>
<td>PGC1-HWM</td>
</tr>
<tr>
<td>Project Date:</td>
<td>05/14/1997</td>
</tr>
</tbody>
</table>

| Project Code: | PGC1-SFA   |
| Siterem Site Number: | SR-22-1154 |
| Facility Status: | Inactive |
| Project Code Desc: | PGC1-SFA |
| Project Date: | 02/01/1985 |

| Project Code: | PGC2-SFA   |
| Siterem Site Number: | SR-22-1155 |
| Facility Status: | Inactive |
| Project Code Desc: | PGC2-SFA |
| Project Date: | 02/01/1985 |

---

### BROWNFIELDS:

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<td>PGC1-SFA</td>
<td>NFRAP</td>
<td>I</td>
<td>02/01/1985</td>
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<tr>
<td>PGC1-HWM</td>
<td>SI</td>
<td>A</td>
<td>05/14/1997</td>
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<td>PGC2-SFA</td>
<td>NFRAP</td>
<td>I</td>
<td>02/01/1985</td>
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TC3945447.2s  Page 88
<table>
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<th>EDR ID Number</th>
<th>EPA ID Number</th>
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<tbody>
<tr>
<td>T93</td>
<td>PROVIDENCE GAS #1</td>
<td>EDR MGP 1008408940</td>
<td>N/A</td>
<td>PROVIDENCE GAS #1</td>
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<tr>
<td>543 THAMES ST (WELLINGTON SQ)</td>
<td>NEWPORT, RI 02840</td>
<td>0.756 mi.</td>
<td>3993 ft.</td>
<td>Site 2 of 4 in cluster T</td>
</tr>
</tbody>
</table>

Alternate Name: NEWPORT GAS LIGHT CO. No additional information available

Manufactured Gas Plants

Owner/Operator Summary:
Owner/operator name: METEARUD SHELL
Owner/operator address: 207 EAST MAIN RD
MIDDLETOWN, RI 02842
Owner/operator country: Not reported
Owner/operator telephone: (401) 847-4622
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
SHELL STA/KINGS PARK SHELL (Continued)

Owner/operator name: SHELL OIL COMPANY
Owner/operator address: 400 BLUE HILL DR
WESTWOOD, MA 02090
Owner/operator telephone: (617) 461-4620
Legal status: Private
Owner/Operator Type: Owner
Owner/Op end date: Not reported

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

Hazardous Waste Summary:
- Waste code: D001
- Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- Violation Status: No violations found

FINDS:
Registry ID: 110004923236

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:
- Project Code: SHEN-HWM
SHELL STA/KINGS PARK SHELL  (Continued)

Siterem Site Number: SR-22-1425

Facility Status: Inactive
Project Code Desc: SHEN-HWM
Project Date: 11/20/2007

LUST:
Project Number: 2290-LS
Project Date: 08/17/2007
Facility Id: 802
Facility Status: Inactive; Investigation/Remed. Complete, No Further Action Required

UST:
Facility Id: UST-802
Facility Class: Gasoline Station

Tank ID: 1
Tank Status: In Use
Tank Capacity: 8000
Tank Substance: Gasoline
Date Installed: 04/01/1979

Tank ID: 2
Tank Status: In Use
Tank Capacity: 10000
Tank Substance: Gasoline
Date Installed: 04/01/1979

Tank ID: 3
Tank Status: In Use
Tank Capacity: 10000
Tank Substance: Gasoline
Date Installed: 04/01/1979

Tank ID: 4
Tank Status: Permanently Closed
Tank Capacity: 500
Tank Substance: Waste Oil
Date Installed: Not reported

RI MANIFEST:
GEN Cert Date: 4/2/2010
Transporter Receipt Date: 4/2/2010
Number Of Containers: 1
Container Type: TT
Waste Code1: RO14
Waste Code2: MA98
Waste Code3: Not reported
Comment: JOB# 793
Fee Exempt Code: Not reported
TSDF Name: ENVIRONMENTAL COMPLIANCE CORP.
TSDF ID: MAD062179890
TSDF Date: 4/2/2010
Transporter 2 Name: Not reported
SHELL STA/KINGS PARK SHELL (Continued)

Transporter 2 ID: Not reported
Manifest Docket Number: 1669995JK
Waste Description: NON DOT/NON RCRA REG.
Quantity: 110
WT/Vol Units: GAL
Item Number: 1
Transporter Name: NEWTON B. WASHBURN, LLC, OF RI
Transporter EPA ID: RIR000506923
GEN Cert Date: 4/2/2010
Transporter Recpt Date: 4/2/2010
Transporter 2 Recpt Date: Not reported
TSDF Recpt Date: 4/2/2010
EPA ID: RID987470317
Transporter 2 ID: Not reported

AUL:
ELUR Date: 10/13/2009
Count Of Town: 1
Facility Size (Acres): 0.5
Project Code: SHEN-HWM
SA Date: Not reported
Plat: 35
Lot: 54
Site rem Site Number: SR-22-1425

BROWNFIELDS:
Project: SHEN-HWM
Facility Status: LOC
Status: I
Project Date: 11/20/2007

U96
West
1/2-1
0.773 mi.
4081 ft.
Site 1 of 2 in cluster U
Relative: Lower
Actual: 8 ft.

SHWS:
Project Code: HYAT-HWM
Sitemem Site Number: SR-22-0638
Facility Status: Active
Project Code Desc: HYAT-HWM
Project Date: 11/18/2004

AUL:
ELUR Date: 03/28/2006
Count Of Town: 1
Facility Size (Acres): Not reported
Project Code: HYAT-HWM
SA Date: Not reported
Plat: 46
Lot: 002
Site rem Site Number: SR-22-0638
HYATT REGENCY - GOAT ISLAND (Continued)

BROWNFIELDS:

Project: HYAT-HWM
Facility Status: ELUR pend
Status: A
Project Date: 11/18/2004

GOAT ISLAND NAVAL BASE

U97
West
1/2-1
0.780 mi.
4116 ft.
Site 2 of 2 in cluster U

Relative:
Lower
Actual:
10 ft.

FUDS:

Federal Facility ID: RI9799F8832
FUDS #: D01RI0506
INST ID: 54498
Facility Name: GOAT ISLAND NAVAL BASE
City: NEWPORT
State: RI
EPA Region: 01
County: NEWPORT
Congressional District: 01
US Army District: New England District (NAE)
Fiscal Year: 2012
Telephone: 978-318-8238
NPL Status: Not Listed
RAB: Not reported
CTC: 56,00000
Current Owner: Local Government; Private Sector
Current Prog: Not reported
Future Prog: Not reported
Acreage: Not reported

Description:
The site is located in Newport, RI. The Army used the island to defend Narragansett Bay between 1794 and 1827. The island was used during the Revolutionary War and renamed several times. The Army controlled the island between 1799 and 1869.

In 1794, State of RI ceded a portion (acreage unknown) of Goat Island to the U.S. According to information provided by the Newport Historical Society, this portion of the island consisted of the north and south ends of the island. In 1799,

Latitude: 41.49194443999
Longitude: -71.32750000000

Telephone: 978-318-8238
<table>
<thead>
<tr>
<th>City</th>
<th>EDR ID</th>
<th>Site Name</th>
<th>Site Address</th>
<th>Zip</th>
<th>Database(s)</th>
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<tr>
<td>MIDDLETOWN</td>
<td>1000200923</td>
<td>ROBERT E. DERECKTOR</td>
<td>CODDINGTON COVE</td>
<td>02840</td>
<td>RCRA NonGen / NLR, FINDS, RAATS, NY MANIFEST, RI MANIFEST, US AIRS</td>
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<td>MIDDLETOWN</td>
<td>1003862593</td>
<td>HOPE ISLAND</td>
<td>NARRAGANSETT BAY</td>
<td>02840</td>
<td>CERC-NFRAP, RI SHWS, RI BROWNFIELDS</td>
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<td>NEWPORT</td>
<td>1000574147</td>
<td>MOBIL STA/235</td>
<td>RTE 138</td>
<td>02840</td>
<td>RCRA NonGen / NLR, RI MANIFEST, NY MANIFEST</td>
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<td>NEWPORT</td>
<td>A100326005</td>
<td>NAVAL EDUCATION AND TRAINING CENTE</td>
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<td>RI AST</td>
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<td>A100380212</td>
<td>NEWPORT BIOEISEL</td>
<td>312 CONNEL HWY</td>
<td>02840</td>
<td>RI SHWS, RI BROWNFIELDS</td>
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<tr>
<td>NEWPORT</td>
<td>S112205238</td>
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<td>10 CONNELL HIGHWAY</td>
<td>02840</td>
<td>RI RGA LUST</td>
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<td>SIPCO SERVICES</td>
<td>CONNELL HIGHWAY</td>
<td>02840</td>
<td>NY MANIFEST</td>
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<td>DUKE MARLBORO (MH 03-01)</td>
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<td>RCRA-LQG, RI MANIFEST</td>
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<td>NEWPORT</td>
<td>1010787873</td>
<td>MUSEUM OF YACHTING THE</td>
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To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

**STANDARD ENVIRONMENTAL RECORDS**

**Federal NPL site list**

NPL: National Priority List
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA’s Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

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**NPL Site Boundaries**

Sources:
- EPA’s Environmental Photographic Interpretation Center (EPIC)
  Telephone: 202-564-7333
- EPA Region 1
  Telephone 617-918-1143
- EPA Region 6
  Telephone 214-655-6659
- EPA Region 3
  Telephone 215-814-5418
- EPA Region 7
  Telephone 913-551-7247
- EPA Region 4
  Telephone 404-562-8033
- EPA Region 8
  Telephone 303-312-6774
- EPA Region 5
  Telephone 312-886-6686
- EPA Region 9
  Telephone 415-947-4246
- EPA Region 10
  Telephone 206-553-8665

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

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

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**Federal Delisted NPL site list**

DELISTED NPL: National Priority List Deletions

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

- **Date of Government Version:** 10/25/2013  
  **Source:** EPA  
  **Telephone:** N/A
- **Date Data Arrived at EDR:** 11/11/2013  
  **Last EDR Contact:** 04/08/2014  
  **Next Scheduled EDR Contact:** 07/21/2014
- **Date Made Active in Reports:** 01/28/2014  
  **Number of Days to Update:** 78  
  **Data Release Frequency:** Quarterly

**Federal CERCLIS list**

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

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

- **Date of Government Version:** 10/25/2013  
  **Source:** EPA  
  **Telephone:** 703-412-9810
- **Date Data Arrived at EDR:** 11/11/2013  
  **Last EDR Contact:** 02/28/2014  
  **Next Scheduled EDR Contact:** 06/09/2014
- **Date Made Active in Reports:** 02/13/2014  
  **Number of Days to Update:** 94  
  **Data Release Frequency:** Quarterly

**Federal CERCLIS NFRAP site List**

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

- **Date of Government Version:** 10/25/2013  
  **Source:** EPA  
  **Telephone:** 703-412-9810
- **Date Data Arrived at EDR:** 11/11/2013  
  **Last EDR Contact:** 02/28/2014  
  **Next Scheduled EDR Contact:** 06/09/2014
- **Date Made Active in Reports:** 02/13/2014  
  **Number of Days to Update:** 94  
  **Data Release Frequency:** Quarterly

**Federal RCRA CORRACTS facilities list**

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.
Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

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

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

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

- Date of Government Version: 12/17/2013
- Date Data Arrived at EDR: 01/14/2014
- Date Made Active in Reports: 01/28/2014
- Number of Days to Update: 14
- Source: Environmental Protection Agency

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

- Date of Government Version: 12/17/2013
- Date Data Arrived at EDR: 01/14/2014
- Date Made Active in Reports: 01/28/2014
- Number of Days to Update: 14
- Source: Environmental Protection Agency

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

- Date of Government Version: 02/26/2014
- Date Data Arrived at EDR: 02/28/2014
- Date Made Active in Reports: 04/24/2014
- Number of Days to Update: 55
- Source: Department of the Navy

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

- Date of Government Version: 09/30/2013
- Date Data Arrived at EDR: 10/01/2013
- Date Made Active in Reports: 12/06/2013
- Number of Days to Update: 66
- Source: National Response Center, United States Coast Guard

State- and tribal - equivalent CERCLIS
SHWS: List of CERCLIS and State Sites in RI
This list includes sites that have been investigated under the Federal CERCLIS program (SFA sites) as well as sites that have notified under the state program or have been investigated for hazardous substances (HWM sites).

- Date of Government Version: 03/25/2014
- Date Data Arrived at EDR: 04/17/2014
- Date Made Active in Reports: 05/16/2014
- Number of Days to Update: 29
- Source: Department of Environmental Management

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

Date of Government Version: 04/15/2014
Date Data Arrived at EDR: 04/18/2014
Date Made Active in Reports: 05/06/2014
Number of Days to Update: 18

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Quarterly

LCP: Landfill Closure Program Sites in RI
This inventory contains both formerly permitted landfills that are closed as well as dumps that were never licensed by the Department. This list does not include Superfund Sites and current or former Federal Facilities. This list includes lat/long data that has not been field verified.

Date of Government Version: 03/25/2014
Date Data Arrived at EDR: 04/18/2014
Date Made Active in Reports: 05/06/2014
Number of Days to Update: 18

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 04/14/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: LUST Case List
The LUST Case List is a summary of UST Facilities in RI with leaking USTs, which includes information on the date of release discovery and the status of the LUST Case (active, soil removal only, or inactive).

Date of Government Version: 02/07/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 03/24/2014
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-3872
Last EDR Contact: 04/14/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Quarterly

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

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly
INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada
Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.
Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska
Date of Government Version: 02/20/2014
Date Data Arrived at EDR: 02/21/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 62
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.
Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.
Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: UST Master List
The UST Master List is a summary of registered UST Facilities in RI, which includes information on abandoned, in use, permanently closed and temporarily closed USTs.
Date of Government Version: 02/07/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 03/24/2014
Number of Days to Update: 38
Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 04/14/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Quarterly

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

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/20/2014
Date Data Arrived at EDR: 02/21/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 62
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014
Date Data Arrived at EDR: 01/29/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 42
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
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**State and tribal institutional control / engineering control registries**

**AUL: Waste Management Sites with Environmental Land Use Restrictions**

This list was developed by RIDEM for use as a general reference and are not meant to be legally authoritative source for the location of hazardous materials, nor for the status, condition or permissible use of a site.

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**State and tribal voluntary cleanup sites**

**INDIAN VCP R7: Voluntary Cleanup Priority Listing**

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

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<th>Source</th>
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IN\D\A\N\V\C\P\ R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013  Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2013  Telephone: 617-918-1102
Date Made Active in Reports: 12/06/2013  Last EDR Contact: 04/01/2014
Number of Days to Update: 66  Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

\n
State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List
Brownfields are real properties where the expansion, redevelopment or reuse may be complicated by the actual or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 01/27/2014  Source: Department of Environmental Management
Date Data Arrived at EDR: 02/13/2014  Telephone: 401-222-2797
Date Made Active in Reports: 03/25/2014  Last EDR Contact: 05/15/2014
Number of Days to Update: 40  Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Date of Government Version: 03/20/2014  Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/20/2014  Telephone: 202-566-2777
Date Made Active in Reports: 04/09/2014  Last EDR Contact: 03/20/2014
Number of Days to Update: 20  Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

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

Date of Government Version: 01/12/2009  Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009  Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009  Last EDR Contact: 04/28/2014
Number of Days to Update: 137  Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: No Update Planned
INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.
Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Information Listing
A listing of clandestine drug lab site locations.
Date of Government Version: 10/03/2006
Date Data Arrived at EDR: 12/04/2006
Date Made Active in Reports: 12/18/2006
Number of Days to Update: 14
Source: Dept of Environmental Management
Telephone: 401-274-4400
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

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

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

Local Land Records
LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies
**Records of Emergency Release Reports**

**HMIRS:** Hazardous Materials Information Reporting System

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

- Date of Government Version: 12/31/2013
- Source: U.S. Department of Transportation
- Telephone: 202-366-4555
- Last EDR Contact: 04/01/2014
- Next Scheduled EDR Contact: 07/14/2014
- Data Release Frequency: Annually

**SPILLS:** Oil & Hazardous Material Response Log/Spill Report

Spills reported to the Office of Emergency Response.

- Date of Government Version: 11/15/2004
- Source: Dept. of Environmental Management
- Telephone: 401-222-3872
- Last EDR Contact: 04/01/2014
- Next Scheduled EDR Contact: 06/30/2014
- Data Release Frequency: Varies

**SPILLS 90:** SPILLS90 data from FirstSearch

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

- Date of Government Version: 01/04/2001
- Source: FirstSearch
- Telephone: N/A
- Last EDR Contact: 01/03/2013
- Next Scheduled EDR Contact: N/A
- Data Release Frequency: No Update Planned

**Other Ascertainable Records**

**RCRA NonGen / NLR:** RCRA - Non Generators

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

- Date of Government Version: 03/11/2014
- Source: Environmental Protection Agency
- Telephone: (888) 372-7341
- Last EDR Contact: 03/13/2014
- Next Scheduled EDR Contact: 07/14/2014
- Data Release Frequency: Varies

**DOT OPS:** Incident and Accident Data

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

- Date of Government Version: 07/31/2012
- Source: Department of Transportation, Office of Pipeline Safety
- Telephone: 202-366-4595
- Last EDR Contact: 05/06/2014
- Next Scheduled EDR Contact: 08/18/2014
- Data Release Frequency: Varies

**DOD:** Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.
<table>
<thead>
<tr>
<th>Source</th>
<th>Telephone</th>
<th>Date of Government Version</th>
<th>Date Data Arrived at EDR</th>
<th>Date Made Active in Reports</th>
<th>Number of Days to Update</th>
<th>Next Scheduled EDR Contact</th>
<th>Data Release Frequency</th>
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<tbody>
<tr>
<td><strong>CONSENT: Superfund (CERCLA) Consent Decrees</strong></td>
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<td>Date of Government Version: 12/31/2012</td>
<td>Source: U.S. Army Corps of Engineers</td>
<td>Date Data Arrived at EDR: 02/28/2014</td>
<td>Date Made Active in Reports: 04/24/2014</td>
<td>Number of Days to Update: 55</td>
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<td><strong>ROD: Records Of Decision</strong></td>
<td></td>
<td>Date of Government Version: 11/25/2013</td>
<td>Source: Department of Justice, Consent Decree Library</td>
<td>Date Data Arrived at EDR: 01/24/2014</td>
<td>Date Made Active in Reports: 02/24/2014</td>
<td>Number of Days to Update: 31</td>
<td>Next Scheduled EDR Contact: 07/14/2014</td>
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<td><strong>UMTRA: Uranium Mill Tailings Sites</strong></td>
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<td>Date of Government Version: 09/14/2010</td>
<td>Source: Department of Energy</td>
<td>Date Data Arrived at EDR: 10/07/2011</td>
<td>Date Made Active in Reports: 03/01/2012</td>
<td>Number of Days to Update: 74</td>
<td>Next Scheduled EDR Contact: 06/09/2014</td>
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<td><strong>US MINES: Mines Master Index File</strong></td>
<td></td>
<td>Date of Government Version: 08/01/2013</td>
<td>Source: Department of Labor, Mine Safety and Health Administration</td>
<td>Date Data Arrived at EDR: 09/05/2013</td>
<td>Date Made Active in Reports: 10/03/2013</td>
<td>Number of Days to Update: 28</td>
<td>Next Scheduled EDR Contact: 06/16/2014</td>
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<td><strong>TRIS: Toxic Chemical Release Inventory System</strong></td>
<td></td>
<td>Date of Government Version:</td>
<td></td>
<td>Date Data Arrived at EDR:</td>
<td>Date Made Active in Reports:</td>
<td>Number of Days to Update:</td>
<td>Next Scheduled EDR Contact:</td>
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<td></td>
<td></td>
<td>Date of Government Version: 08/01/2013</td>
<td>Source: Department of Labor, Mine Safety and Health Administration</td>
<td>Date Data Arrived at EDR: 09/05/2013</td>
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<td>Last EDR Contact: 12/17/2007</td>
<td>Next Scheduled EDR Contact: 03/17/2008</td>
<td>Data Release Frequency: No Update Planned</td>
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</table>

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

**FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

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

**HIST FTTS INSPI:** FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.
SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/29/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Annually

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

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly

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

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Quarterly

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

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

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

Date of Government Version: 01/09/2014
Date Data Arrived at EDR: 01/10/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 61
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/09/2014
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Quarterly
FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 11/18/2013  Source: EPA
Date Data Arrived at EDR: 02/27/2014  Telephone: (617) 918-1111
Date Made Active in Reports: 03/12/2014  Last EDR Contact: 03/14/2014
Number of Days to Update: 13  Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

RMP: Risk Management Plans

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

Date of Government Version: 11/01/2013  Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/12/2013  Telephone: 202-564-8600
Date Made Active in Reports: 02/13/2014  Last EDR Contact: 04/28/2014
Number of Days to Update: 63  Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2011  Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013  Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013  Last EDR Contact: 02/28/2014
Number of Days to Update: 52  Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Biennially

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012  Source: Department of Environmental Management
Date Data Arrived at EDR: 06/21/2013  Telephone: 401-222-2797
Date Made Active in Reports: 08/05/2013  Last EDR Contact: 05/27/2014
Number of Days to Update: 45  Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually
DRYCLEANERS: Drycleaner Facility Listing
A listing of drycleaner locations.

- Date of Government Version: 12/31/2011
- Date Data Arrived at EDR: 03/01/2013
- Date Made Active in Reports: 04/02/2013
- Number of Days to Update: 32
- Source: Department of Environmental Management
- Telephone: 401-222-2808
- Last EDR Contact: 05/12/2014
- Next Scheduled EDR Contact: 08/25/2014
- Data Release Frequency: Varies

NPDES: Permit and Facility Data
A listing of permitted wastewater facilities.

- Date of Government Version: 12/04/2013
- Date Data Arrived at EDR: 12/12/2013
- Date Made Active in Reports: 01/28/2014
- Number of Days to Update: 47
- Source: Department of Environmental Management
- Telephone: 401-222-4700
- Last EDR Contact: 04/09/2014
- Next Scheduled EDR Contact: 06/09/2014
- Data Release Frequency: Varies

AIRS: Air Emissions Listing
A listing of facilities with air emissions.

- Date of Government Version: 12/31/2011
- Date Data Arrived at EDR: 03/01/2013
- Date Made Active in Reports: 04/02/2013
- Number of Days to Update: 32
- Source: Department of Environmental Management
- Telephone: 401-222-2808
- Last EDR Contact: 05/12/2014
- Next Scheduled EDR Contact: 08/25/2014
- Data Release Frequency: Varies

LEAD: Lead Inspections Database
The listing includes Highest Risk Premises which are properties declared unsafe for habitation by children under age six (6), and Properties with Multiple Poisonings, which are properties that have been the source of multiple lead poisonings and are not currently lead safe.

- Date of Government Version: 03/24/2014
- Date Data Arrived at EDR: 03/25/2014
- Date Made Active in Reports: 04/22/2014
- Number of Days to Update: 28
- Source: Department of Health, Environmental Lead Program
- Telephone: 401-222-5960
- Last EDR Contact: 03/25/2014
- Next Scheduled EDR Contact: 07/07/2014
- Data Release Frequency: Quarterly

LEAD CERT: Lead Safe Housing Registry

- Date of Government Version: 02/12/2014
- Date Data Arrived at EDR: 03/14/2014
- Date Made Active in Reports: 04/22/2014
- Number of Days to Update: 39
- Source: Department of Health
- Telephone: 401-222-7791
- Last EDR Contact: 02/07/2014
- Next Scheduled EDR Contact: 06/23/2014
- Data Release Frequency: Varies

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

- Date of Government Version: 12/31/2005
- Date Data Arrived at EDR: 12/08/2006
- Date Made Active in Reports: 01/11/2007
- Number of Days to Update: 34
- Source: USGS
- Telephone: 202-208-3710
- Last EDR Contact: 04/18/2014
- Next Scheduled EDR Contact: 07/28/2014
- Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.
Date of Government Version: 03/07/2011  Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011  Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011  Last EDR Contact: 04/21/2014
Number of Days to Update: 54  Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.
Date of Government Version: 08/17/2010  Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011  Telephone: N/A
Date Made Active in Reports: 03/21/2011  Last EDR Contact: 03/11/2014
Number of Days to Update: 77  Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information
Financial assurance information for hazardous waste facilities.
Date of Government Version: 05/14/2010  Source: Department of Environmental Management
Date Data Arrived at EDR: 05/14/2010  Telephone: 401-222-2797
Date Made Active in Reports: 06/21/2010  Last EDR Contact: 05/09/2014
Number of Days to Update: 38  Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.
Date of Government Version: 02/25/2014  Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2014  Telephone: 202-566-1917
Date Made Active in Reports: 04/09/2014  Last EDR Contact: 05/16/2014
Number of Days to Update: 41  Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.
Date of Government Version: 10/23/2013  Source: EPA
Date Data Arrived at EDR: 11/06/2013  Telephone: 202-564-5962
Date Made Active in Reports: 12/06/2013  Last EDR Contact: 03/31/2014
Number of Days to Update: 30  Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.
Date of Government Version: 12/31/2005  Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009  Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009  Last EDR Contact: 04/18/2014
Number of Days to Update: 76  Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties
Date of Government Version: 04/15/2013  Source: EPA
Date Data Arrived at EDR: 07/03/2013  Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013  Last EDR Contact: 04/04/2014
Number of Days to Update: 72  Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly
2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust.

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

FEDLAND: Federal and Indian Lands

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: N/A

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13
Next Scheduled EDR Contact: 07/21/2014
Data Release Frequency: Varies

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

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

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

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

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List
The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Rhode Island.

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

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Solid Waste Facilities List provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Management in Rhode Island.
OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

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

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/23/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

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

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

- Date of Government Version: 02/28/2014
- Date Data Arrived at EDR: 03/12/2014
- Date Made Active in Reports: 04/29/2014
- Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/07/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2012
- Date Data Arrived at EDR: 07/24/2013
- Date Made Active in Reports: 08/19/2013
- Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

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

- Date of Government Version: 12/30/2013
- Date Data Arrived at EDR: 02/11/2014
- Date Made Active in Reports: 03/11/2014
- Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 05/19/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

- Date of Government Version: 12/31/2012
- Date Data Arrived at EDR: 08/09/2013
- Date Made Active in Reports: 09/27/2013
- Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Annually
Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

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

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

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

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

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

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

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Provider Listing
Source: Department of Children, Youth & Families
Telephone: 401-528-3624

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

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

State Wetlands Data: Wetlands Classification Data
Source: Dept. of Administration/Statewide Planning
Telephone: 401-222-6483

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

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.
GROUNDWATER FLOW DIRECTION INFORMATION
Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

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

TARGET PROPERTY TOPOGRAPHY
General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES

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

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

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

**FEMA FLOOD ZONE**

- **Target Property County**: NEWPORT, RI
- **Flood Plain Panel at Target Property**: 44005C - FEMA DFIRM Flood data
- **Additional Panels in search area**: Not Reported

**NATIONAL WETLAND INVENTORY**

- **NWI Quad at Target Property**: YES - refer to the Overview Map and Detail Map

**HYDROGEOLOGIC INFORMATION**

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

**AQUIFLOW®**

Search Radius: 1.000 Mile.

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

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>LOCATION</th>
<th>GENERAL DIRECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Reported</td>
<td>FROM TP</td>
<td>GROUNDWATER FLOW</td>
</tr>
</tbody>
</table>
**GROUNDWATER FLOW VELOCITY INFORMATION**

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

**GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

<table>
<thead>
<tr>
<th>ROCK STRATIGRAPHIC UNIT</th>
<th>GEOLOGIC AGE IDENTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Era: Paleozoic</td>
<td>Category: Stratified Sequence</td>
</tr>
<tr>
<td>System: Pennsylvanian</td>
<td></td>
</tr>
<tr>
<td>Series: Pennsylvanian</td>
<td></td>
</tr>
<tr>
<td>Code: PP</td>
<td>(decoded above as Era, System &amp; Series)</td>
</tr>
</tbody>
</table>

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Urban land
Soil Surface Texture: Not reported
Hydrologic Group: 
Soil Drainage Class: Not reported
Hydric Status: Unknown
Corrosion Potential - Uncoated Steel: Not Reported
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 0 inches
No Layer Information available.

Soil Map ID: 2

Soil Component Name: Newport
Soil Surface Texture: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Hydrologic Group: 
Soil Drainage Class: Well drained
Hydric Status: Unknown
Corrosion Potential - Uncoated Steel: Low
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 0 inches
Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Upper</td>
<td>Lower</td>
<td>Soil Texture Class</td>
<td>AASHTO Group</td>
</tr>
<tr>
<td>1</td>
<td>0 inches</td>
<td>7 inches</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
<tr>
<td>2</td>
<td>7 inches</td>
<td>24 inches</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
<tr>
<td>3</td>
<td>24 inches</td>
<td>64 inches</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

Soil Map ID: 3

Soil Component Name: Udorthents

Soil Surface Texture: Udorthents

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

Soil Drainage Class: Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

<table>
<thead>
<tr>
<th>Layer</th>
<th>Boundary</th>
<th>Classification</th>
<th>Saturated hydraulic conductivity micro m/sec</th>
<th>Soil Reaction (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Upper</td>
<td>Lower</td>
<td>Soil Texture Class</td>
<td>AASHTO Group</td>
</tr>
<tr>
<td>1</td>
<td>0 inches</td>
<td>11 inches</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
<tr>
<td>2</td>
<td>11 inches</td>
<td>25 inches</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
<tr>
<td>3</td>
<td>25 inches</td>
<td>59 inches</td>
<td>Not reported</td>
<td>Not reported</td>
</tr>
</tbody>
</table>

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: Water

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

Soil Drainage Class:
Hydric Status: Unknown
Corrosion Potential - Uncoated Steel: Not Reported
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 0 inches
No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS
EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<table>
<thead>
<tr>
<th>DATABASE</th>
<th>SEARCH DISTANCE (miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal USGS</td>
<td>1.000</td>
</tr>
<tr>
<td>Federal FRDS PWS</td>
<td>Nearest PWS within 1 mile</td>
</tr>
<tr>
<td>State Database</td>
<td>1.000</td>
</tr>
</tbody>
</table>

FEDERAL USGS WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RI2980139</td>
<td>0 - 1/8 Mile NE</td>
</tr>
</tbody>
</table>

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

STATE DATABASE WELL INFORMATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>WELL ID</th>
<th>LOCATION FROM TP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No Wells Found
<table>
<thead>
<tr>
<th>Map ID</th>
<th>Database</th>
<th>EDR ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FRDS PWS</td>
<td>RI2980139</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Direction</th>
<th>Distance</th>
<th>Elevation</th>
<th>PWS ID:</th>
<th>Date Initiated:</th>
<th>Date Deactivated:</th>
<th>PWS Name:</th>
<th>Address:</th>
<th>Facility Latitude:</th>
<th>Facility Longitude:</th>
<th>City Served:</th>
<th>Treatment Class:</th>
<th>Population:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE</td>
<td>0 - 1/8 Mile</td>
<td>Higher</td>
<td>RI2980139</td>
<td>8711</td>
<td>Not Reported</td>
<td>SAMUEL REALTY</td>
<td>AQUIDNECK AVE</td>
<td>41 29 24</td>
<td>071 18 47</td>
<td>Not Reported</td>
<td>Untreated</td>
<td>00000025</td>
</tr>
</tbody>
</table>

Violations information not reported.
### AREA RADON INFORMATION

State Database: RI Radon

Radon Test Results

<table>
<thead>
<tr>
<th>Zipcode</th>
<th>Num Tests</th>
<th># &lt; 4 pCi/L</th>
<th>4 to 20</th>
<th># &gt; 20 pCi/L</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>02840</td>
<td>811</td>
<td>743</td>
<td>64</td>
<td>4</td>
<td>68.3</td>
</tr>
</tbody>
</table>

Federal EPA Radon Zone for NEWPORT County: 2

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

Federal Area Radon Information for Zip Code: 02840

Number of sites tested: 17

<table>
<thead>
<tr>
<th>Area</th>
<th>Average Activity</th>
<th>% &lt;4 pCi/L</th>
<th>% 4-20 pCi/L</th>
<th>% &gt;20 pCi/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Area - 1st Floor</td>
<td>1.200 pCi/L</td>
<td>100%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Living Area - 2nd Floor</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
<td>Not Reported</td>
</tr>
<tr>
<td>Basement</td>
<td>1.294 pCi/L</td>
<td>94%</td>
<td>6%</td>
<td>0%</td>
</tr>
</tbody>
</table>
TOPOGRAPHIC INFORMATION

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

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

HYDROLOGIC INFORMATION

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

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

State Wetlands Data: Wetlands Classification Data
Source: Dept. of Administration/Statewide Planning
Telephone: 401-222-6483

HYDROGEOLOGIC INFORMATION

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture’s (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.
LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Community and Non-Community Wells
Source: Department of Environmental Management
Telephone: 401-277-2234
Includes Community, Non-Transient Non-Community and Transient Non-Community.

EPA-Approved Sole Source Aquifers in Rhode Island
Source: EPA
Sole source aquifers are defined as an aquifer designated as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for the area and for which there are no reasonable alternative sources should the aquifer become contaminated.

OTHER STATE DATABASE INFORMATION

RADON
State Database: RI Radon
Source: Department of Health
Telephone: 401-222-2438
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

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

AERIAL PHOTOGRAPHS
Historical Aerial Photographs
Coffey's Texaco
48 Touro Street
Newport, Rhode Island

March 18, 1992

April 26, 1988
Historical Aerial Photographs
Coffey's Texaco
48 Touro Street
Newport, Rhode Island

October 21, 1951

May 10, 1939
APPENDIX G

HISTORICAL RESEARCH DOCUMENTATION
A.P. MAP 17

A.P. MAP 21

A.P. MAP 24
SPRING ST AT TOURO ST

Location: SPRING ST AT TOURO ST  
Assessment: $282,100

Map/Lot/Unit: 17/ 230/ / /  
PID: 3393

Acct#: R03397  
Building Count: 1

Owner: COFFEY NEILL F & DIANE C

Current Value

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Owner of Record

Owner: COFFEY NEILL F & DIANE C  
Sale Price: $0  
Book & Page: 338/ 399  
Sale Date: 05/17/1985

Address: SPRING & TOURO STS  
NEWPORT, RI 02840

Ownership History

Ownership History

No Data for Ownership History

Building Information

Building 1: Section 1

Year Built: 1940
Living Area: 1646
Replacement Cost: $127,779
Building Percent: 65
Good: Replacement Cost: $83,100
Less Depreciation:

Building Attributes

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<tr>
<td>MODEL</td>
<td>Serv Station</td>
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<td>Grade</td>
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<td>Stories</td>
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<td>Occupancy</td>
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<tr>
<td>Exterior Wall 1</td>
<td>Concr/Cinder</td>
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<tr>
<td>Roof Structure</td>
<td>Flat</td>
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<tr>
<td>Roof Cover</td>
<td>Tar &amp; Gravel</td>
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Building Photo

(http://images.vgsi.com/photos/NewportRIPhotos/\00\00\19/36.jpg)

Building Layout
**Interior Wall**
- Interior Wall 1: Minim/Masonry
- Interior Wall 2

**Interior Floor**
- Interior Floor 1: Vinyl/Asphalt
- Interior Floor 2: Concr-Finished

**Heating Fuel**
- Oil

**Heating Type**
- Hot Air-no Duc

**AC Type**
- None

**Bldg Use**
- LARGE BUS MDL-95

**Total Rooms**
- Total Bedrms: 00

**1st Floor Use:** 333S

**Heat/AC**
- NONE

**Frame Type**
- MASONRY

**Baths/Plumbing**
- AVERAGE

**Ceiling/Wall**
- CEIL & MIN WL

**Rooms/Prtns**
- AVERAGE

**Wall Height**
- 12

**% Comn Wall**
- 0

### Extra Features

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### Building Sub-Areas

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<tr>
<td>BAS</td>
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### Outbuildings

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<td>PAVING-ASPHALT</td>
<td>4200 S.F.</td>
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<td>PAVING-CONC</td>
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<td>GAS KIOSK</td>
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<th>Date</th>
<th>Square Feet</th>
<th>Value of Land</th>
<th>Value of Buildings</th>
<th>Total Value</th>
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<td>3,807</td>
<td>11,400</td>
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<td>11,400</td>
<td>4/9/70</td>
<td>Gold, George B. and Barbara W. (tenants in common)</td>
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<td>2,082</td>
<td>64,000</td>
<td>23,500</td>
<td>87,500</td>
<td>4-2-73</td>
<td>Texaco, Inc.</td>
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<td>Texaco Refining and Marketing Inc. (no Stamps)</td>
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<td>64,000</td>
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<td>87,500</td>
<td>5/17/73</td>
<td>Neill F. &amp; Diane C. Coffey (Entirety) (572,00/260,000)</td>
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QUITCLAIM DEED

TEXACO REFINING AND MARKETING INC., a Delaware corporation, having an office at 1111 Rusk Avenue, Houston, Texas 77002, for consideration paid, grants to NEILL F. COFFEY, and DIANE C. COFFEY, TENANTS BY THE ENTIRETY, having a mailing address of Spring and Touro Streets, Newport, Rhode Island 02840, with quit-claim covenants, all that certain lot or parcel of land, with the buildings and improvements thereon, located in the City of Newport, Rhode Island bounded and described as follows:

COMMENCING at a point which marks the northwesterly corner of Touro Street and spring Street; thence proceeding in a general northerly direction along the westerly line of Spring Street for a distance of 156.50 feet, more or less, to a point, bounded EASTERLY on Spring Street; thence turning and proceeding in a general westerly direction for a distance of 66.7 feet, more or less, to a point located in the easterly line of Court House Street, bounded NORTHERLY by land now or formerly of Rhode Island Arts Foundation at Newport; thence turning and proceeding in a general southerly direction along said easterly line of Court House Street for a distance of 136.83 feet, more or less, to a point located in the northerly line of Touro Street, bounded WESTERLY on Court House Street; thence turning and proceeding in a general easterly direction along said northerly line of Touro Street for a distance of 42.6 feet, more or less, to the point or place of beginning, bounded SOUTHERLY on Touro Street; be all said measurements more or less or however otherwise the same may be bounded and described, subject to an easement to the City of Newport, more fully described in Newport City Council Resolution #132-71 dated September 22, 1971 and recorded in the Land Evidence Records of the City of Newport in Volume 233, Page 237.

Executed this 7th day of May, 1985.

TEXACO REFINING AND MARKETING INC.

By: __________________________
R. R. Dickinson,
Vice President

Attest: _________________________
Assistant Secretary
STATE OF TEXAS §
COUNTY OF HARRIS §

In Houston in said County on the 14th day of May, 1985, before me appeared R. R. Dickinson, Senior Vice President of TEXACO REFINING AND MARKETING INC., to me known by me to be the party executing the foregoing instrument on behalf of said corporation, and he acknowledged said instrument by him executed to be his free act and deed and the free act and deed of said corporation.

KAREN K. BUCKNER
Notary Public In and For the State of Texas

My Commission Expires: __________________________

KAREN K. BUCKNER
Notary Public, State of Texas
My Commission Expires August 31, 1985
RESOLUTION OF THE COUNCIL
OF THE CITY OF NEWPORT

No. 132-71

Resolved, that the City of Newport does hereby relinquish and abandon the easement of travel known as Spring Lane, totalling Nine Hundred Thirty-Five (935) square feet, as shown on the attached plat entitled "Plan of Property of George B. and Barbara M. Gold, Spring Street, Touro Street, Court House Street, and Spring Lane, Newport, Rhode Island, August 10, 1971. Scale One (1) inch equals Ten (10) feet," which plat is incorporated herein by reference thereto, for the reason that said Spring Lane is no longer used or necessary for public travel, and in consideration of said abandonment of Spring Lane, the City of Newport does hereby accept the offer of an easement for public travel from Mr. and Mrs. George Gold of Seven Hundred Ninety-Five (795) square feet of land as shown on the aforementioned plat as the shaded area on the southerly end of their property, for the reason that this easement will facilitate the movement of traffic at a congested intersection.

IN COUNCIL
READ AND PASSED
SEPTEMBER 22, 1971

Robert A. Shea, City Clerk

FRED R. ALONGIN

237
The Honorable Mayor and Members
of the City Council
City Hall
Newport, Rhode Island 02840

August 11, 1971

Gentlemen:

As shown on the attached plat showing our property used as a gasoline station at the corners of Touro, Spring, and Court House Streets, there is an old easement for public travel crossing our land known as Spring Lane.

This Lane is not being used for public travel and has not been so used for the past fifty (50) years. In return for the City abandoning Spring Lane as a public easement, I and my wife do hereby offer to the City of Newport, Seven Hundred Ninety-Five (795) square feet of land on the southerly end of our property as shown on the attached plat as a shaded area.

We would be benefited by the abandonment of Spring Lane so that our property would not be encumbered in the middle by this easement, and we feel that the public would be greatly benefited by using the southerly portion of our property as an extension of the crowded intersection at Touro and Spring Street. We would appreciate your consideration of this proposal at your earliest opportunity.

Very truly yours,

[Signature]
George B. Gold

[Signature]
Barbara M. Gold

238

RECEIVED IN NEWPORT, R.I. FOR RECORD Sept.27, 1971

10 H.57 M. A.M. AND RECORDED BY:

Ralph A. Sear
CITY CLERK
PHASE I ENVIRONMENTAL SITE ASSESSMENT
COURTHOUSE STREET REMEDIAL EXCAVATION PHOTOS – OCTOBER 2009
Coffey’s Texaco
Newport, Rhode Island

PHOTO E

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

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

Certified Sanborn Results:

Site Name: Coffeystexaco
Address: 48 Touro Street
City, State, Zip: Newport, RI 02840
Cross Street: P.O. # NS0502
Project: Coffey s Texaco
Certification #: CB7B-4CF1-824B

Maps Provided:

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1990 Source Sheets

Volume 1, Sheet 9
Volume 1, Sheet 14
Volume 1, Sheet 24

1972 Source Sheets

Volume 1, Sheet 9
Volume 1, Sheet 14
Volume 1, Sheet 24

1968 Source Sheets

Volume 1, Sheet 9
Volume 1, Sheet 14
Volume 1, Sheet 24

1963 Source Sheets

Volume 1, Sheet 9
Volume 1, Sheet 14
Volume 1, Sheet 24
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 1, Sheet 9
- Volume 1, Sheet 14
- Volume 1, Sheet 24
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

- Volume 1, Sheet 9
- Volume 1, Sheet 14
- Volume 1, Sheet 24
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Volume 1, Sheet 9
Volume 1, Sheet 14
Volume 1, Sheet 24
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 4
Volume 1, Sheet 7
Volume 1, Sheet xxxx
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 9
Volume 1, Sheet 14
Volume 1, Sheet 24
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 6
Volume 1, Sheet 13
Volume 1, Sheet 11
Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

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

RESEARCH SUMMARY

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

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TARGET PROPERTY STREET

48 Touro Street
Newport, RI 02840

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FINDINGS

CROSS STREETS

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9 LENNIES BARBER SHOP
7 NJEMA INC CLOTHING
9 BUSINESS
11 MACHILLI GIMM & CO
13 WILLIAMS JEWELRY
15 OBERHARDT INC
17 LIBERTY LOAN
19 OPERA HOUSE INC
21 SALVATION ARMY
- 31 TOURO CT BEGINS
33 HAZARD MEMORIAL SCHOOL
35 VACANT
37 PRESERVATION SOCIETY OF NEWPORT COUNTY
39 CATHOLIC INFORMATION CENTER
- 47 CLARKE ST BEGINS
49 STRAND THEATRE
51 SLEEPER RALPH E
53 ERNIE'S THAT'S ALL REST
53 WHITMAN A WILSON
55 NEWPORT NAUTILUS
57 THE PUBLISHERS
59 VACANT
65 1 LOMBARO E A
67 EMPLOYMENT AGENCY
2 SCHAEFFER I G MD
65 STONE MILL
67 INSURANCE & REALTY
- 67 SPRING ST CROSSES
69 MALL ELSIE F MRS
71 MALVERN DOROTHY
73 PAINTING PLACE
75 THE ART
77 TOURO SYNAGOGUE
79 SYNAGOGUE
81 TOURO SYNAGOGUE
83 CONGREGATION JESHUA
85 SYNAGOGUE
87 SOCIETY OF FRIENDS INC
89 NEWPORT
91 HISTORICAL SOCIETY
- 83 DIVISION ST BEGINS
85 CONGREGATION JESHUAT
ISRAEL COMMUNITY BKG
- 89 SCHOOL ST BEGINS
99 GADGET AS MRS MD
100 FIRST CHURCH OF CHRIST SCIENTIST
102 JAMIL E MD
102 THOMPSON ROBERT A
102 FRANKLIN WILLIAM
104 SQUIRES CHARLES
- 104 MT VERNON ST BEGINS
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- 113 1/2 HIGH ST BEGINS

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15 Oberhard Max men's clothing △ 846-2836
17 Liberty Loan Co △ 846-0420
19 Opera House Inc □ △ 846-0754
27 Salvation Army Office
29 Salvation Army The □
Salvation Army The Inc-2 △ 846-3234
Touro ct begins
33 Hazard Memorial Schl △ 846-2010
35 Npt County Chamber of Commerce Inc-1 △ 847-1600
37 Preservation Society of Npt County The-2 △ 846-1000
39 St Joseph's Auditorium
Catholic Charities Bureau △ 846-3939
Bernard Arthur C-2 △ 847-6688
49 Strand Theatre △ 847-0310
Clarke st begins
51 Mathers Howard dentist-1 △ 846-0221
Umsted & Going-2 △ 846-1522
McKenna John A-2 △ 846-0221
63 Whitman A Wilson-2 □ △ 847-6577
65 Technoloith Printig Co-1 △ 847-0659
65 Dunkin Donuts △ 847-9816
Schaffer Isadore G dentist-2 □ △ 847-3497
Perry Louis A acct-2 △ 846-0486
Lombard Elsie A secretarial serv
-2 △ 846-7805
Stone Mill Insurance & Realty Inc
-2 △ 847-1270
Spring st crosses
69 Hall Elsie F-2 △ 846-3927
Dittenber John C-2
71 Vacant-1
Vacant-2
71 Vacant
Division st begins
85 Congregational Jeshuat Israel
Community Ctr □ △ 847-9421
Touro Synagogue Society of Friends Inc △ 847-4794
United Hebrew Schl
School st begins
99 Doroff Monroe △ 847-7320
Doroff Annie S Mrs phys △ 847-7320

113 Shamrock House The
Apt 1 to Apt 10 - Transient
High st begins
115 Trigueiro Philomena R Mrs-1 △
847-0848
117 Dwyer Chas J-3 △ 847-3221
000 Npt Fire Sta No 5
Mary st ends
Left Side
Spring st crosses
56 Hargrove Jos J-1 △ 847-4448
Brownell Lauretta M Mrs-2 △
847-6777
Borges Maria M Mrs-3 △ 847-7807
Cummings Catherine N Mrs-3 △
847-0861
60 Bernard Arthur △ 847-6688
64 Vacant
66 Vacant-2
00 Synagogue Congregation Jeshuat
Israel □
82 Npt Historical Society □ △ 846-0813
100 First Church of Christ Scientist
-△ 847-6141
102 Zamil Edw phys-1 □ △ 847-0227
Grimes Margt J Mrs-1 △ 847-7551
Wallin C Roger-2 △ 846-9034
Travis Lillian F Mrs-3 △ 847-1018
Mt Vernon st begins
106 Vacant
Dooley Matilda H Mrs-1 △ 846-8387
Sullivan Helen A-2 △ 847-2860
Vacant-2
Vacant-3
Clapper Wm N-3
TOURO ST 1961

Right Side

0 Liggett Drug Store △ VI 6-0519
11 see 1 Washington sq
13 Williams Jewelry
15 Oberhard Max men's clothing △ VI
6-2836
17 Vacant store
19 Opera House Inc □ △ VI 6-0754
27 Vacant
29 Salvation Army The □
Salvation Army Inc The-2 △ VI
6-3234
Touro ct begins
33 Hazard Memorial Schl △ VI 6-2010
35 Newport County Chamber of Com-
merce Inc-1 △ VI 7-1600
Preservation Society of Npt County
The-2 △ VI 7-4114
39 St Joseph's Auditorium
Catholic Inf Center △ VI 6-1616
Vacant-2
49 Strand Theatre △ VI 7-0310
Clarke st begins
51 Mathers Howard dentist-1 △ VI
6-0221
Schaffer Julius lawyer-1 □ △ VI
6-1522
Vacant-2
63 Whitman A Wilson-2 □ △ VI 7-6577
65 Vacant
65 Vacant store
Sanitube Co-1 △ VI 7-0383
Schaffer Isadore G dentist-2 □
△ VI 7-3497
Perry Louis A acct-2 △ VI 6-0486
Vacant-2
Teitz & Teitz lawyers-2 △ VI
7-2243
TOURO ST

1961

66 Vacant
00 Synagogue Congregation Jeshuat Israel
82 Newport Historical Society □ △ VI 6-0813
100 First Church of Christ Scientist
△ △ VI 7-6141
102 Zaml Edw phys-1 □ △ VI 7-0227
Grimes Margt J Mrs-1 △ VI 7-7551
Goldstein Ralph H-2 △ VI 6-2177
Travis Lillen E Mrs-3 △ VI 7-1018
Mt Vernon st begins
106 Feldman Seymour podiatrist-1 △
VI 6-8050
Dooley Matilda H Mrs-1 △ VI 6-8387
Vacant-2
Attaway Paul W-2
Pollister Louis-3
Delano Kenneth-3
114 Gwlas Chas G-1
Stallings Peggy Mrs-2
Bell Donald D-3
122 Beck Horace P Jr □ △ VI 6-1009
Witfield pl begins
130 Estes Nathan A □ △ VI 7-2209
Renard Madeline-2
Touro Agency △ VI 7-5022
Naval Officers Insurance Agency
△ VI 6-9855
Veit Barbara Mrs phys-1 △ VI 7-0565
000 Murray Paul F Lawyer △ VI 7-0380
Kay st begins

TOWNSEND COURT from 11 Mill

TRAINING STATION ROAD from 221
Third to Coaster's Harbor Island

Left Side
Spring st crosses
56 Brownell Laurette M Mrs-2 △ VI 7-8477
Fiero Antoinette Mrs-2 □ △ VI 7-4448
Borges Mary Mrs-3
Cummings Catherine A Mrs-3 △ VI 7-0861
60 Vacant
64 Vacant

Right Side
Qtrs CA-1 see Cloyne ct
Qtrs CA-2 Dougherty John △ VI7-7315
Cloyne Park begins
Exeter st begins

Left Side
4 Ball Richd G-1 △ VI 6-8262
Vacant-1
2 Cain Thos C □ △ VI 6-8324
0 Qtrs U S Naval Hosp
APPENDIX H

PRIOR REPORTS and OTHER SUPPORTING DOCUMENTATION
STATE OF RHODE ISLAND
Department of Environmental Management
Office of Waste Management

UNDERGROUND STORAGE TANK FACILITY
CERTIFICATE OF REGISTRATION

This certifies that COFFEY'S TEXACO

has been duly registered pursuant to Rule 6.00 of the regulations for Underground Storage Facilities
Used for Petroleum Products and Hazardous Materials based upon factual representations contained in
the Applications for Registration. Any substantial modifications to the systems at this facility or changes
in information contained in the Applications must be reported to the Department.

Facility Address:
48 TOURO ST
NEWPORT, RI 02840

Kevin Hillen
Supervising Engineer, Office of Waste Management

This certificate effective 1 October 2012 and expires 30 September 2013 or until 45 days following the issuance of a fee invoice.

This Certificate cannot be transferred to any other person, facility or location without the express written approval of the Director. This
Certificate acknowledges only that the above-referenced facility has complied with the registration requirements of Rule 6.00 and
DOES NOT indicate this facility's compliance with any other section of the regulations. This Certificate may be suspended, modified or
revoked in accordance with the Regulations.

The following tank(s) have been duly registered at the facility:

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<th>STATUS</th>
<th>SUBSTANCE</th>
<th>CAPACITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>In Use</td>
<td>Gasoline</td>
<td>10000</td>
</tr>
<tr>
<td>2</td>
<td>In Use</td>
<td>Gasoline</td>
<td>10000</td>
</tr>
</tbody>
</table>
### Compliance Certification Checklist
#### Facility Profile and UST Facility Inspection Report

#### Facility Information

<table>
<thead>
<tr>
<th>Facility Name:</th>
<th>Coffey's Service Station</th>
<th>UST Facility ID:</th>
<th>734</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Street Address:</td>
<td>48 Town Street</td>
<td>State:</td>
<td>RI</td>
</tr>
<tr>
<td>City/Town:</td>
<td>Northwood</td>
<td>Zip:</td>
<td>02840</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Neill F. Coffey</td>
<td>Facility Telephone:</td>
<td>(401) 847-5100</td>
</tr>
<tr>
<td>Class A Operator:</td>
<td>AB Bill Coffey</td>
<td>Class B Operator:</td>
<td>AB Sally Espada</td>
</tr>
</tbody>
</table>

#### Property Owner Information

| Owner's Name:        | Neill F. Coffey         | Owner's Street Address: | 60 South Street |
|----------------------|--------------------------| City/Town:              | Middleboro     |
| City/Town:           | Middleboro              | State:                  | RI             |
| Zip:                 | 02842                    | Contact Person:         | Neill F. Coffey |
| Telephone:           | (401) 847-0675           |

#### Facility Operator Information (Same As Property Owner)

| Operator's Name:     |                            | Operator's Street Address: |                           |
|----------------------|---------------------------| City/Town:                 |                            |
| State:               | Zip:                      | Contact Person:            |                            |
| Telephone:           |                           |

#### UST System Owner Information (Same As Property Owner) (Same As Facility Operator)

| UST System Owner's Name: |                         | UST System Owner's Street Address: |                           |
|-------------------------|-------------------------| City/Town:                      |                            |
| State:                  | Zip:                    | Contact Person:                | Owner's Telephone:        |

#### Inspector Information

<table>
<thead>
<tr>
<th>Inspector's Company Name:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspector's Company Street Address:</td>
<td></td>
</tr>
<tr>
<td>City/Town:</td>
<td>State:</td>
</tr>
<tr>
<td>Zip:</td>
<td>Date of Inspection:</td>
</tr>
<tr>
<td>Telephone:</td>
<td></td>
</tr>
</tbody>
</table>

#### Facility Classification (Check One)

<table>
<thead>
<tr>
<th>Gasoline Station</th>
<th>Education Private</th>
<th>Federal Government</th>
<th>Farm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial</td>
<td>Education State</td>
<td>State Government</td>
<td>Non-profit Fire District</td>
</tr>
<tr>
<td>Industrial</td>
<td>Education Town</td>
<td>City Town Government</td>
<td>Other (please specify)</td>
</tr>
</tbody>
</table>

#### Financial Responsibility (See Section 4.10 of the Workbook)

- Does this facility plan on using the UST Fund Board for Financial Responsibility? **YES ✓ NO**
- Does this facility have another mechanism of Financial Responsibility? **YES ✓ NO**

In insurer:

<table>
<thead>
<tr>
<th>Policy Number:</th>
<th>Policy Expiration Date:</th>
</tr>
</thead>
</table>

- Are you in compliance with the requirements for Financial Responsibility? **N ✓ If no, check here and submit a Return to Compliance Plan.**

(See requirements described in Section 4.10 of the ERP Workbook.)
### SECTION A: UNDERGROUND STORAGE TANK PROFILE

<table>
<thead>
<tr>
<th>Tank ID Number</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A.1 Status of Tank</strong> (check one only for each tank:</td>
<td>Currently in Use</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Temporarily Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Abandoned in Place</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A.2 Date of Installation</strong> (month and year)</td>
<td>4/77</td>
<td>4/77</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A.3 Capacity (gallons)</strong></td>
<td>16,600</td>
<td>16,600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A.4 Product Stored</strong></td>
<td>Gasoline</td>
<td>Gasoline</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tank Material of Construction</strong> (complete all that apply)</td>
<td>Steel (Workbook Section 4.4)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Fiberglass reinforced plastic (FRP) (Section 4.4)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Steel tank with fiberglass/plastic jacket (Section 4.4)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Other, please specify</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A.9 Has the tank ever been repaired?</strong></td>
<td>✔</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
</tr>
<tr>
<td><strong>A.10 Date tank was repaired</strong></td>
<td>1980</td>
<td>1980</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A.11 Was the DEM notified of this repair?</strong></td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
</tr>
<tr>
<td><strong>A.12 Specify if tank is single-walled (SW) or double-walled (DW)</strong></td>
<td>Single</td>
<td>Single</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A.13 Is the tank used for an emergency generator?</strong></td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
</tr>
<tr>
<td><strong>A.14 Is tank manifolded (siphoned)?</strong></td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
</tr>
<tr>
<td><strong>A.15 If tank is manifolded, indicate which tank it is manifolded to.</strong></td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
</tr>
<tr>
<td><strong>A.16 Is tank a compartment tank?</strong></td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
</tr>
<tr>
<td><strong>Piping Material of Construction</strong> (complete all that apply)</td>
<td>Fiberglass reinforced plastic (Section 4.5)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Flexible plastic (Section 4.5)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Coated and cathodically protected steel (Section 4.5)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Copper</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>Other, please specify</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>A.22 Has piping ever been repaired?</strong></td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
</tr>
<tr>
<td><strong>A.23 Date piping was repaired</strong></td>
<td>1980</td>
<td>1980</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A.24 Was the DEM notified of this repair?</strong></td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
<td>❏</td>
</tr>
<tr>
<td><strong>A.25 Specify if piping is single-walled (SW) or double-walled (DW)</strong></td>
<td>DW</td>
<td>DW</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Piping Type</strong> (complete all that apply)</td>
<td>“Safe” suction (check valve at dispenser sump) (Section 4.8)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td>“U.S.” suction (valve at tank) (Section 4.8)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pressure (submersible pump system) (Section 4.8)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other, please specify</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A.30 Have you paid last Fall’s Tank Invoice in full?</strong></td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Site Diagram**

[Site Diagram: A sketch showing the facility with roads, buildings, tanks, and dispensers.]

Please number tanks and dispensers.
### SECTION B: TANK CORROSION PROTECTION

<table>
<thead>
<tr>
<th>Tank ID Number</th>
<th>Tank # 1</th>
<th>Tank # 2</th>
<th>Tank # 3</th>
<th>Tank # 4</th>
<th>Tank # 5</th>
<th>RTC Plan Needed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.1</td>
<td>Do you have corrosion protection for each tank? (refer to Workbook Section 4.4 to specify type below)</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.2</td>
<td>Fiberglass Reinforced Plastic (FRP)</td>
<td>✓</td>
<td>✓</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.3</td>
<td>Steel tank with fiberglass/plastic jacket</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.4</td>
<td>Interior liner</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.5</td>
<td>Date tank was lined</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.6</td>
<td>Did the tank pass its most recent liner inspection?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.7</td>
<td>Date of the most recent liner inspection</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.8</td>
<td>Impressed current cathodic protection (Section 4.6)</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.9</td>
<td>Date of installation</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.10</td>
<td>Does the cathodic protection system operate continuously?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.11</td>
<td>Do you record the rectifier readings every 60 days and keep a log of these inspections?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.12</td>
<td>Date of most recent inspection</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.13</td>
<td>Is the system tested every 2 years since installation and within 6 months of a repair?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.14</td>
<td>Date of most recent test</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.15</td>
<td>Company that conducted most recent test</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.16</td>
<td>Did the system pass its most recent test?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.17</td>
<td>Do you have records of all repairs and test results?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.18</td>
<td>Sacrificial Anodes (Section 4.6)</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.19</td>
<td>Date of installation</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.20</td>
<td>Does the cathodic protection operate continuously?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.21</td>
<td>Is the system tested every 3 years since installation and within 6 months of a repair?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.22</td>
<td>Date of most recent test</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.23</td>
<td>Company that conducted most recent test</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>B.24</td>
<td>Did the system pass its most recent test?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>B.25</td>
<td>Do you have records of all repairs and test results?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
</tbody>
</table>

### SECTION C: TANK LEAK DETECTION

<table>
<thead>
<tr>
<th>Tank ID Number</th>
<th>Tank # 1</th>
<th>Tank # 2</th>
<th>Tank # 3</th>
<th>Tank # 4</th>
<th>Tank # 5</th>
<th>RTC Plan Needed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.1</td>
<td>Do you have a leak detection method in place for each tank? (complete all that apply below)</td>
<td>Y</td>
<td>X</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>C.2</td>
<td>Continuous Monitoring System</td>
<td>Manufacturer</td>
<td>Wildeon</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>C.3</td>
<td>Model</td>
<td>Tes 3000</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>C.4</td>
<td>Installation Date</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>C.5</td>
<td>Are the employees who run, monitor or maintain the release detection system aware of correct operating procedures?</td>
<td>Y</td>
<td>N</td>
<td>=</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>C.6</td>
<td>Is your leak detection system currently operating properly?</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>C.7</td>
<td>Do you have records of monthly system checks and repairs for the past 36 months?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>C.9</td>
<td>Has the continuous monitoring system been inspected, calibrated, and tested in the past year?</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>C.10</td>
<td>Date of inspection</td>
<td>3/24/12</td>
<td>3/24/12</td>
<td>3/24/12</td>
<td>3/24/12</td>
<td></td>
</tr>
<tr>
<td>C.11</td>
<td>Company that conducted the inspection</td>
<td>Able Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.12</td>
<td>Automatic Tank Gauge (ATG) (required for single-walled tanks) (Section 4.7.1)</td>
<td>Y</td>
<td>Y</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>C.13</td>
<td>Do you use the ATG to conduct monthly, 0.2 gallon hour leak rate tests?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>C.14</td>
<td>Did all of your 0.2 gallon hour leak rate tests pass the most recent test?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>C.15</td>
<td>Do you have records of the last 36 months of leak detection tests?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>C.16</td>
<td>Interstitial Monitoring (required for double-walled tanks) (Section 4.7.2)</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>C.17</td>
<td>Is an interstitial space electronic monitoring system installed?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>C.18</td>
<td>Is the interstitial monitoring system continuously operating to check for leaks?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>C.19</td>
<td>Tank Interstitial Space Tightness Test (required for double-walled tanks with a “dry” interstitial space) (Section 4.7.4)</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>C.20</td>
<td>If the tank does not have a brine solution or other inert liquid in the interstitial space and the tank was installed 20 years ago or more:</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>C.21</td>
<td>Do you have passing results of a test for tightness on the interstitial space of the tank’s walls performed when the tank had been installed for 20 years and every 2 years thereafter?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>C.22</td>
<td>Date of most recent tightness test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.23</td>
<td>Company that conducted tightness test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.24</td>
<td>Tank Tightness Testing (required for single-walled tanks) (Section 4.7.3)</td>
<td>Y</td>
<td>Y</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>C.25</td>
<td>If the tank has an ATG and the tank was installed less than 20 years ago:</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>C.26</td>
<td>Do you have passing results of a tank tightness test conducted within the past 5 years?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>C.27</td>
<td>Date of most recent tightness test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.28</td>
<td>Company that conducted tightness test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.29</td>
<td>If the tank has an ATG and the tank was installed more than 20 years ago:</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>C.30</td>
<td>Do you have passing results of a tank tightness test conducted every 2 years after the tank had been installed for 20 years?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>C.31</td>
<td>Date of most recent tightness test</td>
<td>3/24/12</td>
<td>3/24/12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C.32</td>
<td>Company that conducted tightness test</td>
<td>P &amp; M Environmental Inc.</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
### TANK LEAK DETECTION - CONTINUED

<table>
<thead>
<tr>
<th>C.33</th>
<th>Inventory Control (Section 4.7.4)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Do you perform inventory control properly?</td>
</tr>
<tr>
<td></td>
<td>This includes:</td>
</tr>
<tr>
<td></td>
<td>1. Taking inventory and dispenser readings, and reconciling these readings at least once each day that fuel is added to or removed from the tank.</td>
</tr>
<tr>
<td></td>
<td>2. Reconciling fuel deliveries with delivery receipts by taking inventory readings before and after each delivery.</td>
</tr>
<tr>
<td></td>
<td>3. Reconciling all of your data at least once every 30 days.</td>
</tr>
<tr>
<td></td>
<td>4. Calculation of 1% flow-through plus 130 gallons.</td>
</tr>
</tbody>
</table>

| C.35 | Do you have records of the last 16 months of inventory control? |
| C.36 | Is the measuring equipment used capable of measuring to the nearest one-eighth inch over the entire height of the tank? |
| C.37 | Do you measure the water in the tank once every 30 days? |

### SECTION D: PIPING CORROSION PROTECTION

<p>| D.1  | Do you have corrosion protection for the piping of each tank? (complete all that apply below) |
| D.2  | Specify if piping is single-wall (SW) or double-wall (DW) |
| D.3  | Piping is fiberglass reinforced plastic or flexible non-metallic |
| D.4  | Impressed current cathodic protection (Section 4.6) |
| D.5  | Date of installation |
| D.6  | Does the cathodic protection system operate continuously? |
| D.7  | Do you inspect the rectifier every 60 days and keep a log of the amperage voltage readings? |
| D.8  | Date of most recent inspection |
| D.9  | Is the cathodic protection system tested every 2 years since installation and within 6 months of a repair? |
| D.10 | Date of most recent test |
| D.11 | Company that conducted last test |
| D.12 | Did the cathodic protection system pass its most recent test? |
| D.13 | Do you have records of all repairs, and test results? |
| D.14 | Sacrificial anodes (Section 4.6) |
| D.15 | Date of installation |
| D.16 | Is the system tested every 3 years since installation and within 6 months of a repair? |
| D.17 | Date of most recent test |
| D.18 | Company that conducted last test |
| D.19 | Did the system pass its most recent test? |
| D.20 | Do you have records of all repairs, and test results? |
| D.21 | Flexible Connectors |
| D.22 | Are metallic flexible connectors either cathodically protected OR isolated from contacting the earth? |
| D.23 | Impressed current cathodic protection (Section 4.6) |
| D.24 | Sacrificial anodes (Section 4.6) |
| D.25 | Date of most recent cathodic test |
| D.26 | Company that conducted last test |</p>
<table>
<thead>
<tr>
<th>PIPING CORROSION PROTECTION - CONTINUED</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>RTC Plan Needed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>D.27 Did the equipment pass its most recent test?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>D.28 Do you have records of all repairs, and test results?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>D.29 Swing Joints</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.30 Are metallic swing joints either cathodically protected OR isolated from the contacting earth?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>D.31 Impressed current cathodic protection (Section 4.6)</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>D.32 Sacrificial anodes (Section 4.6)</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>D.33 Date of most recent cathodic test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.34 Company that conducted last test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.35 Did the equipment pass its most recent test?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>D.36 Do you have records of all repairs, and test results?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>D.37 Other Equipment, please specify</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.38 Is other metallic equipment either cathodically protected OR isolated from the earth?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>D.39 Impressed current cathodic protection (Section 4.6)</td>
<td></td>
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<tr>
<td>D.40 Sacrificial anodes (Section 4.6)</td>
<td></td>
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</tr>
<tr>
<td>D.41 Date of most recent cathodic test</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>D.42 Company that conducted last test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.43 Did the equipment pass its most recent test?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>D.44 Do you have records of all repairs, and test results?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

**SECTION E: PIPING LEAK DETECTION**

<table>
<thead>
<tr>
<th>Tank ID Number</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>RTC Plan Needed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.1 Do you have a release detection method in place for each piping run? (complete all that apply below)</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>E.2 Continuous Monitoring System</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.3 Manufacturer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.4 Model #</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>E.5 Installation Date</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>E.6 Are the employees who run, monitor, or maintain the release detection system aware of correct operating procedures?</td>
<td>Y</td>
<td>N</td>
<td></td>
<td></td>
<td></td>
<td>—</td>
</tr>
<tr>
<td>E.7 Is your leak detection system currently operating properly?</td>
<td>Y</td>
<td>N</td>
<td></td>
<td></td>
<td></td>
<td>—</td>
</tr>
<tr>
<td>E.8 Do you have records of monthly system checks and repairs for the past 36 months?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>E.9 Has the continuous monitoring system been inspected, calibrated, and tested in the past year?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>E.10 Date of inspection</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.11 Company that conducted the inspection</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>E.12 Pressurized Piping (Section 4.8.1)</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>E.13 Specify type of line leak detector (LLD) (mechanical or electronic)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.14 If your piping is single-walled pressurized with mechanical LLD:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.15 Do you have records of passing LLD tests conducted annually for the last 3 years?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>E.16 Date of last LLD test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.17 Company that conducted LLD test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.18</td>
<td>Have you conducted a tightness test within the past year and do you have passing?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>-----</td>
<td>----------------------------------------------------------------------------------</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
<tr>
<td>E.19</td>
<td>Date of most recent tightness test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.20</td>
<td>Company that conducted tightness test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.21</td>
<td>If your piping is single-walled pressurized with electronic LLD:</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>E.22</td>
<td>Do you have records of passing LLD tests conducted annually for the last 3 years?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.23</td>
<td>Date of last LLD test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.24</td>
<td>Company that conducted LLD test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.25</td>
<td>Has the LLD performed a 0.1 gallon per hour leak pressure test within the past year?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.26</td>
<td>A printout is available to verify the most recent LLD pressure test</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.27</td>
<td>If your piping is double-walled pressurized:</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>E.28</td>
<td>Is your LLD “electronic” or “mechanical” ?</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.29</td>
<td>Do you have records of passing LLD tests conducted annually for the last 3 years?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.30</td>
<td>Date of last LLD test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.31</td>
<td>Company that conducted LLD test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.32</td>
<td>Is an interstitial space electronic monitoring system installed?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.33</td>
<td>Is the interstitial monitoring system continuously operating to check for leaks?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.35</td>
<td>If Double-walled pressurized piping system was installed 20 years ago or more:</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>E.36</td>
<td>Do you have passing results of a test for tightness on the interstitial space of the piping's walls performed when the piping system had been installed for 20 years and every 2 years thereafter?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.37</td>
<td>Date of most recent tightness test</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>E.38</td>
<td>Company that conducted tightness test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.39</td>
<td>Suction Piping (Section 4.8.2)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>E.40</td>
<td>“L.S.” suction (check valve at tank)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>E.41</td>
<td>“Safe” suction (check valve at pump)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>E.42</td>
<td>If your piping is single-walled suction:</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>E.43</td>
<td>Have you conducted piping tightness tests 5, 8, 11, and 13 years after piping installation and annually thereafter (every 2 years thereafter for “European” or Safe suction systems)?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.44</td>
<td>Do you have passing results for each of those years?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.45</td>
<td>Date of most recent tightness test</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>E.46</td>
<td>Company that conducted tightness test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E.47</td>
<td>If your piping is double-walled suction:</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
</tr>
<tr>
<td>E.49</td>
<td>Is an interstitial space electronic monitoring system installed?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
<tr>
<td>E.50</td>
<td>Is the interstitial monitoring system continuously operating to check for leaks?</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
<td>N</td>
<td>Y</td>
</tr>
</tbody>
</table>
### Piping Leak Detection - Continued

| E.51 | If double-walled suction piping system was installed 20 years ago or more: Do you have passing results of a test for tightness on the interstitial space of the piping's walls performed when the piping system had been installed for 20 years and every 2 years thereafter? | = | = | = | = | = | □ |
| E.52 | Date of most recent tightness test |
| E.53 | Company that conducted tightness test |

### SECTION F: Spill Prevention and Overfill Protection - Tank Mat and Vent Areas

<table>
<thead>
<tr>
<th>F.1</th>
<th>Spill Buckets (Section 4.1)</th>
<th>Tank ID Number</th>
<th>Tank # 001</th>
<th>Tank # 002</th>
<th>Tank # 003</th>
<th>Tank # 004</th>
<th>Tank # 005</th>
<th>Tank # 006</th>
<th>RTC Plan Needed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>F.2</td>
<td>Is the tank equipped with a spill containment device that is currently operational (i.e. free of cracks, holes, water, debris, and products)?</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>□</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F.3</td>
<td>Do you inspect spill buckets weekly and before and after deliveries for cracks, holes, water, debris and products?</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>□</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F.4</td>
<td>If you have an aboveground fill pipe, is it surrounded by impervious surface capable of containing spills of 3 gallons?</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>□</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F.5</td>
<td>Can spill buckets hold a minimum of 3 gallons?</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>□</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F.6</td>
<td>Are all fill pipes and or fill box covers permanently labeled or marked to identify the substance stored?</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>=</td>
<td>□</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F.7</td>
<td>Is the tank equipped with a submerged fill drop tube?</td>
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<td>F.8</td>
<td>Sumps (Section 4.8) Does the tank have containment sump(s)?</td>
<td>=</td>
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<td>□</td>
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<td>F.9</td>
<td>Check all that apply: Tank top piping transition</td>
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<td>F.10</td>
<td>Piping transition</td>
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<td>F.11</td>
<td>Are the sumps free of water, debris and product?</td>
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<td>F.12</td>
<td>Do the sumps have sensors for continuous monitoring?</td>
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<td>F.13</td>
<td>Are the sensors upright and set at correct height?</td>
<td>=</td>
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<td>=</td>
<td>=</td>
<td>=</td>
<td>□</td>
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<td>F.14</td>
<td>Are the sensors functioning properly?</td>
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<td>F.15</td>
<td>Are the sensors mounted properly?</td>
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<td>F.16</td>
<td>Are all entries (boots) sealed to prevent infiltration of water or release of product?</td>
<td>=</td>
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<td>=</td>
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<tr>
<td>F.17</td>
<td>Is the secondary piping test boot disconnected?</td>
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<td>□</td>
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</table>

### Overfill Protection (Section 4.3)

| F.18 | Do all of your tanks that receive greater than 25 gallons of product at a time have overfill protection that is operating properly? | = | = | = | = | = | □ |
| F.19 | Do you have a qualified CFT contractor periodically check your overfill protection device (i.e. overfill alarm automatic shutoff device, ball/float valve) to make sure it functions correctly? | = | = | = | = | = | □ |

### Overfill Alarm (Section 4.3.1)

| F.20 | Overfill Alarm (Section 4.3.1) |
| F.21 | Is the device set to go off when the tank is 90% full? |
| F.22 | Is the alarm audible and visible to the delivery person? |

### Automatic Shutoff Device (Section 4.3.2)

| F.23 | Automatic Shutoff Device (Section 4.3.2) |
| F.24 | Is the device set to automatically shut off the delivery when the tank is 95% full? |
### SPILL PREVENTION AND OVERFILL PROTECTION – CONTINUED

<table>
<thead>
<tr>
<th>F.25</th>
<th>Ball Float Valve (Section 4.3.3)</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>Tank #</th>
<th>RTC Plan Needed?</th>
</tr>
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<tbody>
<tr>
<td>F.26</td>
<td>Is the ball float valve set to restrict product flow when the tank is 90% full?</td>
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<td>☑ N</td>
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<td>☑ N</td>
<td>Y N</td>
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<td>F.27</td>
<td>Vent Alarm (Section 4.3.4)</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.29</td>
<td>Stage I Vapor Recovery System (Section 5.1)</td>
<td>Is Stage I vapor recovery required at your facility? (See Workbook Sections 5.1 and 5.1.3) If it is NOT required you may skip to Section G of this checklist.</td>
<td>☑ N</td>
<td></td>
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<tr>
<td>F.30</td>
<td>Check box if Stage I vapor recovery is installed.</td>
<td>☑ N</td>
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<tr>
<td>F.31</td>
<td>Specify type of Stage I vapor recovery ( coaxial or two point)</td>
<td>☑ N</td>
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<td>F.32</td>
<td>Is the Stage I vapor recovery system used during all gasoline refueling?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.33</td>
<td>Is the Stage I system inspected on a weekly basis?</td>
<td>☑ N</td>
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<tr>
<td>F.34</td>
<td>Are records of the Stage I system inspections maintained at the facility?</td>
<td>☑ N</td>
<td></td>
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<tr>
<td>F.35</td>
<td>Are all fill caps and gaskets in good condition?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.36</td>
<td>Are fills and adapters tight?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.37</td>
<td>Are Swivel rotatable fill adapters installed?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.38</td>
<td>Is fill pipe equipped with a drop tube?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.39</td>
<td>Are drop tubes intact (not excessively dented and in position)?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.40</td>
<td>Does drop tube end within 6&quot; of tank bottom?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.41</td>
<td>For two point systems: Is the drop tube gasket in good condition?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.42</td>
<td>For two point systems: Are drybreak caps and gaskets in good condition?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.43</td>
<td>Are all drybreaks sealing properly? (no vapor emissions)</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.44</td>
<td>Proper vent valve?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.45</td>
<td>Enter the vent valve pressure setting.</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.46</td>
<td>Is vapor lid in good condition?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>F.47</td>
<td>Is vapor lid color-coded orange?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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### SECTION G: SPILL CONTAINMENT – DISPENSER AREA

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<tr>
<th>DISPENSER ID NUMBER</th>
<th>Disp. # 1</th>
<th>Disp. # 1</th>
<th>Disp. # 2</th>
<th>Disp. # 3</th>
<th>Disp. # 4</th>
<th>RTC Plan Needed?</th>
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<tbody>
<tr>
<td>G.1</td>
<td>Check box if the dispenser equipped with a pan or sump.</td>
<td>☑</td>
<td>☑</td>
<td>☑</td>
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<tr>
<td>G.2</td>
<td>Is the pan or sump free of water, debris and product?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>G.3</td>
<td>Are all entries (boots) sealed to prevent infiltration of water or release of product?</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>G.4</td>
<td>Is the dispenser equipped with a functioning impact valve? (for pressurized piping)</td>
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<td>☑ N</td>
<td>☑ N</td>
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<td>G.5</td>
<td>Has the impact valve been tested within the last year?</td>
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<td>☑ N</td>
<td>☑ N</td>
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<tr>
<td>G.6</td>
<td>Date of most recent impact valve test</td>
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<tr>
<td>G.7</td>
<td>Is the dispenser equipped with a functioning check valve? (for suction piping)</td>
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<td>☑ N</td>
<td>☑ N</td>
<td>☑ N</td>
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<td>G.8 Stage II Vapor Recovery (Section 5.2)</td>
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<tr>
<td>Is Stage II vapor recovery required at your facility? (See Workbook Sections 5.2 and 5.2.4.1)</td>
<td></td>
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<tr>
<td>If Stage II vapor recovery is NOT required you may skip to Question G.37 of this checklist! Note: Recordkeeping and reporting requirements for Stage II regulations are required for all facilities.</td>
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<td>G.9 Check box if Stage II vapor recovery is installed</td>
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<td>G.10 Are system-appropriate Stage II operating instructions stickers posted?</td>
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<td>G.11 Nozzles CARB certified?</td>
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<tr>
<td>G.12 Hoses CARB certified?</td>
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<td>G.13 Breakaways CARB certified?</td>
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<td>G.14 Swivels CARB certified?</td>
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<td>G.15 Face plates vapor escape guards intact?</td>
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<td>G.16 Hoses intact?</td>
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<td>G.17 Hose retractors intact (vapor balance)?</td>
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<td>G.18 Nozzle check valves operating?</td>
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<td>G.19 Nozzle spouts tight?</td>
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<td>G.20 Nozzle bellow's intact?</td>
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<tr>
<td>G.21 Clamps in place on bellow's (vapor balance)?</td>
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<td>G.22 Hoses not contacting ground (vapor balance)?</td>
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<tr>
<td>G.23 Ten (10') loop or less (vapor balance)?</td>
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<tr>
<td>G.24 Liquid removal device in hose (vapor balance)?</td>
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<td>G.25 Are any nozzles out of service tagged out?</td>
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<td>Stage II Vapor Recovery Training, Inspections and Recordkeeping</td>
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<tr>
<td>G.26 Has at least one employee at the facility attended a Stage II training session applicable to the Stage II system in place at the facility?</td>
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<td>G.27 Is documentation of the Stage II system training maintained at the facility?</td>
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<td>G.28 Is the Stage II system inspected on a weekly? basis?</td>
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<td>G.29 Are records of Stage II system inspections maintained at the facility?</td>
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<td>G.30 Are all defective parts of the Stage II system found during weekly inspections removed from service until they are repaired or replaced?</td>
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<td>Stage II Vapor Recovery Testing</td>
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<td>G.31 Are the following tests performed on the Stage II system on an annual basis?</td>
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<td>G.32 - Leak test</td>
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<td>G.33 - Vapor space tie test</td>
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<td>G.34 - A L - Ten-gallon per minute test</td>
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<td>G.35 - PL vent cap</td>
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<tr>
<td>G.36 Is a Liquid Blockage Test performed on the Stage II System once every 3 years?</td>
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<tr>
<td>G.37 Are records of all Stage II vapor recovery testing maintained at the facility?</td>
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</table>
## SECTION H: CORRECT FILLING PROCEDURES

| H.1 | Do you observe the entire fuel delivery process while being prepared to stop the flow of fuel from the truck to the tank at any time and or respond to any unusual condition, leak, spill, which may occur during delivery? (Section 4.2) | Y ☒ |  |

## SECTION I: GROUNDWATER MONITORING WELLS AND TANK PAD OBSERVATION WELLS

| I.1 | Number of groundwater monitoring wells at the facility | ☐ |  |
| I.2 | Number of tank pad observation wells at the facility | ☐ |  |
| I.3 | Is each well labeled to identify it as a groundwater monitoring well or a tank pad observation well? | ☒ ☒ | ☐ |
| I.4 | Is each well equipped with a road box and gripper cap? | ☒ ☒ | ☐ |
| I.5 | Is each well equipped with a pipe that is NOT screened to the top? | ☒ ☒ | ☐ |
| I.6 | Is each well cap closed tightly and locked? | ☒ ☒ | ☐ |
| I.7 | Is the area surrounding the well cap dry and free of standing water? | ☒ ☒ | ☐ |
| I.8 | Do you have records of groundwater monitoring well checks for the past 3 years? | ☒ ☒ | ☐ |

## SECTION J: SUSPECTED OR CONFIRMED RELEASES (Section 4.9)

| J.1 | Do you keep a list of emergency contacts and make sure everyone at your UST facility is familiar with the list of contacts? | ☐ | ☒ |
| J.2 | Have you recently reviewed your emergency procedures and list of emergency contacts to be sure the information is current? | ☐ | ☒ |
| J.3 | Do you have response supplies readily available for use in the event that a spill or overfill occurs? | ☐ | ☒ |
| J.4 | Did you appropriately respond to and report all suspected or confirmed releases? (This includes responding to a suspected problem due to a failed release detection result). If you did not have a release, answer YES to this question. | ☐ | ☒ |

## SECTION K: TEMPORARILY CLOSED TANKS (Section 4.11)

| K.1 | Date taken out of service (Month Day Year) | Tank # | Tank # | Tank # | Tank # | ☐ |
| K.2 | Less than 1% of product in the tank? | Y N | Y N | Y N | Y N | ☐ |
| K.3 | If 1% or more of product in tank, are you complying with leak detection requirements? | Y N | Y N | Y N | Y N | ☐ |
| K.4 | All fill lines capped and secured? | Y N | Y N | Y N | Y N | ☐ |
| K.5 | All suction lines pumped? | Y N | Y N | Y N | Y N | ☐ |
| K.6 | Vent lines open? | Y N | Y N | Y N | Y N | ☐ |
| K.7 | Are you complying with corrosion protection requirements? | Y N | Y N | Y N | Y N | ☐ |

## SECTION L: OPERATOR TRAINING (Section 4.15)

<p>| L.1 | Does the facility have a trained and certified Class A operator? | ☐ | ☒ |
| L.2 | Does the facility have a trained and certified Class B operator? | ☐ | ☒ |</p>
<table>
<thead>
<tr>
<th></th>
<th>Section L: Operator Training (continued)</th>
<th>RTC Plan Needed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>L3</td>
<td>Does the facility have a list of trained Class C operators? The list shall include the latest date of training and the name of the Class A or Class B operator that trained each Class C operator?</td>
<td>Y N</td>
</tr>
<tr>
<td>L4</td>
<td>Does the facility have copies of monthly inspection checklists performed by the Class A or Class B operator?</td>
<td>Y N</td>
</tr>
<tr>
<td>L5</td>
<td>For unmanned facilities, is there a sign posted that lists both the name and telephone number of the owner or operator and local emergency responders and advises persons to call these numbers in the event of a spill or other emergency?</td>
<td>Y N</td>
</tr>
<tr>
<td>L6</td>
<td>Is the facility approved by the Department, in writing, to operate without having a Class C operator present during all opening hours?</td>
<td>Y N</td>
</tr>
</tbody>
</table>
Certification Statement
Underground Storage Tank Environmental Results Program

Note: Complete all required Return to Compliance Plan forms before signing this statement.

I, ______________________________, as the UST owner(s) attest:

1) That I/we have personally examined and am/are familiar with the information contained in this
   submittal, including any and all documents accompanying this certification statement:

2) That, based on my/our inquiry of those individuals responsible for obtaining the information, the
   information contained in this submittal is, to the best of my/our knowledge, true, accurate and
   complete:

3) That I/we am/are fully authorized to make this attestation on behalf of this facility:

4) That ______________________________ is/are the Operator(s) of this facility. I have discussed the
   division of duties with the operator(s). I understand that the Department of Environmental
   Management may pursue either the owner, operator or both for any violations of the Rules and
   Regulations For Underground Storage Facilities Used For Petroleum Products and Hazardous
   Materials, where owner/operator is mentioned.

5) I/we am/are aware that there are significant penalties for submitting false information.

Owner's Signature: ____________________________  Date: ____________________
Printed Name:               ____________________________  Title: __________

Owner's Signature: ____________________________  Date: ____________________
Printed Name:               ____________________________  Title: __________

Source of Signatory Authority (check one):
If a Corporation:       President        Secretary        Treasurer
Vice President (if authorized by corporate vote) _________
Representative of the above (if authorized by corporate vote and if responsible for overall
operation of the facility) _________

If a Partnership:       General Partner ______       If a Sole Proprietorship: Proprietor ______

If Owner and Operator are separate individuals, Operator must also sign:
I/we as the operator(s) of the Facility attest that I/we am/are fully authorized by the Facility
owner(s) to sign this certification statement. I acknowledge that I am the operator of this facility. I
have discussed the division of duties with the owner(s) and clearly understand my/our
responsibilities. I/we understand that the Department of Environmental Management may pursue
either the owner, operator or both for any violations of the Rules and Regulations For
Underground Storage Facilities Used For Petroleum Products and Hazardous Materials, where
owner/operator is mentioned. I/we am aware that there are significant penalties for submitting
false information, including the possibility of fine and imprisonment for knowing violations.

Operator's Signature: ____________________________  Date: ____________________
Printed Name:               ____________________________

Operator's Signature: ____________________________  Date: ____________________
Printed Name:               ____________________________
December 28, 2011

Mr. Neill Coffey  
Coffey's Texaco  
48 Touro Street  
Newport, RI 02840

RE: No Further Action  
Coffey's Texaco, 48 Touro Street, Newport  
LUST Case No.: LS-2209; RFR (UST Fund) No.: 141; UST Facility ID: 0734

Dear Mr. Coffey:

The Underground Storage Tank (UST) Management Program has reviewed a Status Report For the Period of May Through August 2011 dated December 19, 2011 for the above-referenced facility, which was prepared and submitted by SAGE Environmental on your behalf. Based on the results of this report along with the environmental specifics of the site, the UST Management Program is not requiring further environmental action at this site. The site's status as a Leaking Underground Storage Tank ("LUST") site will be changed from "active" to "inactive" for Department purposes only. The LUST file will remain on-record at the Department and will be available for public review.

Neither the Department’s decision to halt further remedial work nor its deactivation of the site’s LUST status should be construed as a determination by the Department that the site is “clean” or otherwise free of petroleum or other contaminants. Contaminated soil and/or groundwater may still be present in the or around the area known to have been impacted by the release. Any contaminated soil or groundwater that may be encountered as a result of future excavation, trenching, grading or drilling activities in or near the area impacted by the release must be managed in accordance with RIDEM's Oil Pollution Control Regulations and Solid Waste Regulations. The Department of Environmental Management reserves the right to require additional investigation and/or remediation if contamination attributable to this site is discovered in the future or if the land use changes.

The groundwater monitoring wells that are no longer in use must be closed in accordance with Section 8, Appendix 1 of RIDEM’s Rules and Regulations for Groundwater Quality. Please advise the Department in writing when the monitoring wells have been closed. If you wish to retain access to any monitoring wells, please notify the Department in writing of the purpose for which the well(s) are to be retained.

If you have any questions, please contact the undersigned at (401) 222-2797, extension 7125.

Sincerely,

[Signature]

Paula-Jean Therrien  
Principal Environmental Scientist

Cc: Kevin Gillen, RIDEM / OWM / UST  
Michaela Brockman, RIDEM / OWM / RIUST Fund  
Tracey Tyrrell, RIDEM / OCI / UST  
Bruce Clark, SAGE
STATUS REPORT
FOR THE PERIOD OF MAY THROUGH AUGUST 2011

COFFEY'S TEXACO
48 TOURO STREET
NEWPORT, RHODE ISLAND

Prepared for:

Ms. Paula-Jean Therrien
Office of Waste Management / Underground Storage Tank Program
Rhode Island Department of Environmental Management
235 Promenade Street
Providence, Rhode Island 02908

Prepared by:

SAGE Environmental, Inc.
172 Armistice Boulevard
Pawtucket, Rhode Island 02860

SAGE Project No. R020
December 19, 2011

Ms. Paula-Jean Therrien  
Rhode Island Department of Environmental Management  
Office of Waste Management /  
Underground Storage Tank Program  
235 Promenade Street  
Providence, Rhode Island 02908  

RE: Status Report for the Period May through August 2011  
Coffey’s Texaco  
48 Touro Street  
Newport, Rhode Island

Dear Ms. Therrien:  

Enclosed please find a Status Report documenting activities performed by SAGE Environmental, Inc. (SAGE) during the approximate period from May 1 through August 31, 2011 at the referenced site.  

Should you have any questions, comments or require any additional information, please contact our office.  

Sincerely,  
SAGE Environmental, Inc.  

Bruce W. Clark  
Senior Project Manager

BWC:car  

Enclosure

c: Neill Coffey, Coffey’s Texaco
# TABLE OF CONTENTS

1.0 INTRODUCTION ................................................................. 1
2.0 GAUGING OF SELECT MONITOR WELLS ................................. 1
3.0 SAMPLING OF SITE MONITOR WELLS .................................. 3
4.0 MAINTENANCE OF PASSIVE PRODUCT RECOVERY BAILERS ....... 4
5.0 MANUAL PRODUCT RECOVERY .............................................. 4
6.0 INDOOR AIR MONITORING OF THE FLORENCE K. MURRAY JUDICIAL COMPLEX ......................................................... 4
7.0 SUMMARY AND CONCLUSIONS .......................................... 4
8.0 RECOMMENDATIONS .......................................................... 5

## FIGURES

Figure 1 - Site Location Map
Figure 2 - Site Plan
Figure 3 - Potentiometric Surface Contour Map

## ATTACHMENTS

Attachment 1 – April 15, 2011 RIDEM approved recommendations letter
Attachment 2 – Chronology of Site Activities
Attachment 3 – Laboratory Analytical Report – Groundwater (July 26, 2011)
Attachment 4 – Historic Groundwater Analytical
1.0 INTRODUCTION

*SAGE* Environmental, Inc. (*SAGE*) is pleased to present this status report documenting corrective actions conducted at the Coffey’s Texaco Site in Newport, Rhode Island during the reporting period of May 1, 2011 through August 31, 2011. A Site Location Map, identifying the site on the Newport, Rhode Island USGS Topographic Quadrangle Map is included as Figure 1.

In *SAGE*’s May 5, 2010 *Status Report for the Period January through April 2010*, *SAGE* recommended the installation of two groundwater monitor wells in proposed locations on-Site, continuation of tri-annual well sampling, reduction of monthly monitoring of Soakease units and PID screening of vapor points inside the courthouse to tri-annually, and the permanent removal of the SVE remedial system. The Rhode Island Department of Environmental Management (RIDEM) approved *SAGE*’s recommendations in a letter dated July 30, 2010. On April 15, 2011, RIDEM approved additional reductions in Site monitoring requirements to include only tri-annual gauging and sampling of Site monitor wells MW-15, MW-30 and MW-31. As such, evaluation and maintenance of passive product recovery equipment, periodic gauging of select Site monitor wells, manual product recovery efforts, remedial system performance monitoring, and air monitoring of the interior of the Florence K. Murray Judicial Complex (Courthouse) have been terminated. A copy of this correspondence is included as Attachment 1.

Included as Attachment 2 is a timeline of events performed at the Site since activities began in March 1994.

2.0 GAUGING OF SELECT MONITOR WELLS

In accordance with RIDEM’s April 15, 2011 letter, groundwater gauging of the Site monitor wells MW-15, MW-30 and MW-31 was conducted during this reporting period on July 26, 2011 using an ORS electronic interface probe. Locations of monitor wells are depicted on Figure 2. Gauging data is summarized in Table 1. The average depth to groundwater during the July 26, 2011 gauging event at the Site was 6.71 feet below grade level (bgl) and ranged from 5.50 feet bgl in monitor well MW-31 to 8.97 feet bgl in monitor well MW-15.

Gauging data collected during the reporting period indicates that an overall increase of approximately 0.21 feet was observed in the water table elevation between the tri-annual sampling event conducted during the previous reporting period (March 8, 2010) and the March 8, 2011 gauging event.

Figure 3 is a groundwater elevation contour map based on the March 8, 2011 gauging data. As can be seen in Figure 3, groundwater flow beneath the Site appears to be west-
northwesterly, which is consistent with previously determined groundwater flow characteristics.

<table>
<thead>
<tr>
<th>Well #</th>
<th>Well Dia. (in)</th>
<th>MP Elevation (ft)</th>
<th>Depth To Product (ft)</th>
<th>Depth to Water (ft)</th>
<th>Product Thickness (ft)</th>
<th>Equivalent Head Elev.(ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MW-1</td>
<td>2</td>
<td>101.00</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-2</td>
<td>2</td>
<td>101.24</td>
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<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-3</td>
<td>2</td>
<td>100.44</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-4</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
<td>Destroyed</td>
</tr>
<tr>
<td>MW-5</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
<td>Destroyed</td>
</tr>
<tr>
<td>MW-6</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
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</tr>
<tr>
<td>MW-7</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
<td>Destroyed</td>
</tr>
<tr>
<td>MW-8/RW-1</td>
<td>2</td>
<td>99.54</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-9/RW-2</td>
<td>4</td>
<td>99.79</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-10</td>
<td>2</td>
<td>98.92</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-11</td>
<td>2</td>
<td>97.16</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
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<tr>
<td>MW-12</td>
<td>2</td>
<td>99.51</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-13</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
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<td>MW-14</td>
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<td>98.24</td>
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<td>NG</td>
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<td>NG</td>
</tr>
<tr>
<td>MW-15</td>
<td>2</td>
<td>98.78</td>
<td>---</td>
<td>8.97</td>
<td>0.00</td>
<td>89.81</td>
</tr>
<tr>
<td>MW-16</td>
<td>2</td>
<td>98.44</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-17</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
<td>Destroyed</td>
</tr>
<tr>
<td>MW-18</td>
<td>2</td>
<td>102.29</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-19</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
<td>Destroyed</td>
</tr>
<tr>
<td>MW-20</td>
<td>2</td>
<td>95.62</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-21</td>
<td>2</td>
<td>95.78</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-22</td>
<td>2</td>
<td>96.26</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-23</td>
<td>2</td>
<td>98.01</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-24</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
<td>Destroyed</td>
</tr>
<tr>
<td>MW-25</td>
<td>2</td>
<td>100.54</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-26</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
<td>Destroyed</td>
</tr>
<tr>
<td>MW-27</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
<td>Destroyed</td>
</tr>
<tr>
<td>MW-28</td>
<td>2</td>
<td></td>
<td></td>
<td>NG</td>
<td>NG</td>
<td>Destroyed</td>
</tr>
<tr>
<td>MW-29</td>
<td>2</td>
<td>99.12</td>
<td>---</td>
<td>NG</td>
<td>NG</td>
<td>NG</td>
</tr>
<tr>
<td>MW-30</td>
<td>2</td>
<td>99.94</td>
<td>---</td>
<td>5.65</td>
<td>0.00</td>
<td>94.29</td>
</tr>
<tr>
<td>MW-31</td>
<td>2</td>
<td>100.55</td>
<td>---</td>
<td>5.50</td>
<td>0.00</td>
<td>95.05</td>
</tr>
</tbody>
</table>

--- = No separate-phase petroleum identified  
NG = Not Gauged  
NS = Not Surveyed
3.0 SAMPLING OF SITE MONITOR WELLS

On July 26, 2011, Site monitor wells MW-15, MW-30 and MW-31 were sampled for benzene, toluene, ethylbenzene and xylenes (BTEX) and methyl tertiary butyl ether (MTBE) laboratory analysis via EPA Method 8260B. Prior to sampling, monitor wells were gauged with an electronic oil/water interface probe and a minimum of three well volumes of water was purged from each monitor well.

After collection, the groundwater samples were stored in a cooler with ice for transport to a State-certified laboratory for BTEX and MTBE laboratory analysis via EPA Method 8260B. Samples were relinquished to the laboratory using chain-of-custody protocols. Laboratory analytical results are summarized in Table 2.

Certificates of analysis, including chain-of-custody documentation, for groundwater samples collected on July 26, 2011 are included as Attachment 3. Historical analytical data for Site monitor wells, including the July 26, 2011 sample results, are summarized in Attachment 4.

No variances outside of the established quality control/control limits were reported. Specific information relative to quality assurance/quality control reported by the laboratory is included in the Certificates of Analysis included as Attachment 3.

Table 2
Groundwater Analytical Results
July 26, 2011
Coffey’s Texaco
Newport, Rhode Island

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Concentration</th>
<th>RIDEM Method 1 Objective</th>
<th>RIDEM GB Groundwater UCL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzene</td>
<td>500&lt;sup&gt;b&lt;/sup&gt;</td>
<td>680&lt;sup&gt;b&lt;/sup&gt;</td>
<td>330&lt;sup&gt;b&lt;/sup&gt;</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>1100</td>
<td>34</td>
<td>720</td>
</tr>
<tr>
<td>Methyl tert-butyl ether (MTBE)</td>
<td>&lt;50</td>
<td>23</td>
<td>95</td>
</tr>
<tr>
<td>Toluene</td>
<td>78</td>
<td>&lt;8</td>
<td>14</td>
</tr>
<tr>
<td>Total Xylenes</td>
<td>11500</td>
<td>15</td>
<td>518</td>
</tr>
</tbody>
</table>

Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.

------------
NE: No allowable limit is established for the substance
<: Indicates analyte concentration not detected at or above specified laboratory quantitation limit (x)

Sample Results:
b: Analyte concentration in this sample exceeds RIDEM GB Groundwater Objectives
Analytical results of groundwater samples collected on July 26, 2011 indicate that exceedances of the RIDEM GB Groundwater Objective for benzene were detected in monitor wells MW-15, MW-30 and MW-31. Concentrations of toluene, ethylbenzene and MTBE were compliant with RIDEM Method 1 GB Groundwater Objectives at the time sampled. It should be noted that no RIDEM GB Groundwater Objective has been established for total xylenes.

4.0 MAINTENANCE OF PASSIVE PRODUCT RECOVERY BAILERS

Based upon RIDEM’s April 15, 2011 letter, monitoring of the Soakease units is no longer conducted.

5.0 MANUAL PRODUCT RECOVERY

Based upon RIDEM’s April 15, 2011 letter, manual product recovery is no longer conducted.

6.0 INDOOR AIR MONITORING OF THE FLORENCE K. MURRAY JUDICIAL COMPLEX

Based upon RIDEM’s April 15, 2011 letter, PID screening for total photoionizable compounds in the Courthouse basement is no longer conducted.

7.0 SUMMARY AND CONCLUSIONS

Gauging data collected during the reporting period from the remaining Site monitor wells indicates that an overall increase of approximately 0.21 feet was observed in the water table elevation between the tri-annual sampling event conducted during the previous reporting period (March 8, 2011) and the July 26, 2011 sampling event.

During this reporting period, exceedances of the RIDEM GB Groundwater Objective for benzene were detected in monitor wells MW-15, MW-30 and MW-31. Concentrations of toluene, ethylbenzene and MTBE were compliant with RIDEM Method 1 GB Groundwater Objectives at the time sampled.
8.0 RECOMMENDATIONS

Although petroleum constituents appear to persist at the Site, based on an evaluation of current Site conditions, SAGE recommends that groundwater monitoring be discontinued and that a final Letter of Compliance be issued for the Site.

SAGE further recommends that Site monitor wells be closed in accordance with Appendix I of RIDEM's Groundwater Regulations to eliminate any risk of these wells acting as a direct conduit for contaminants from the surface to Site groundwater.
April 15, 2011

Mr. Neill Coffey  
Coffey’s Texaco  
48 Touro Street  
Newport, RI 02840

Re: Coffey’s Texaco  
48 Touro Street  
Newport LS-2209

Dear Mr. Coffey:

The Department of Environmental Management, Office of Waste Management, Underground Storage Tank Management Program has received and reviewed the latest status report for the above referenced site, dated April 13, 2011, and prepared and submitted by SAGE Environmental. The Department no longer requires PID screening in the Courthouse, deployment or monitoring of Soakese units, and gauging or sampling of any monitoring wells other than MW-15, MW-30 and MW-31. Post excavation contaminant concentrations have attenuated over time, and if that trend continues in the next sampling round, in June or July, (which will include only MW-15, MW-30 and MW-31), the Department will review the next report for consideration of no further action.

Please feel free to contact me at 222-2797 x7125 or paula.therrien@dem.ri.gov.

Sincerely,

Paula-Jean Therrien  
Principal Environmental Scientist

Cc: Kevin Gillen – DEM/UST  
Bruce Clark – SAGE
Timeline of Events

Subsurface investigatory activities began in March 1994, when separate-phase product (SPP) was discovered in the basement sump of the Florence K. Murray Judicial Building (the courthouse). The eastern abutter and suspected source area was Coffey's Texaco, located at 48 Touro Street, Newport, Rhode Island. The State's Emergency Response Contractor (SERC) responded and monitored the site 24-hours a day for several weeks.

On March 22, 1994, a 4,000-gallon underground storage tank (UST) used to store super unleaded gas (RIDEM Tank ID No. 003), failed precision testing, confirming that a release had occurred.

A defensive remedial system was installed in the courthouse during the late spring of 1994. Systems consisted of a groundwater treatment system and a soil vapor extraction system that are both presently in operation. The SERC continued with operation and maintenance of the defensive system and limited site monitoring.

On April 27, 1994 the Rhode Island Department of Environmental Management (RIDEM), Division of Site Remediation and Leaking Underground Storage Tank Program issued a Notice of Violation and Order. On July 15, 1994, a Consent Agreement was entered between RIDEM and Neil F. Coffey, Diane C. Coffey, and Neil F. Coffey, Inc. (the Respondents).

Pilot testing, initiated in 1995, was conducted by the SERC and a report titled, SPECIFICATIONS FOR THE INSTALLATION OF A TOTAL FLUIDS EXTRACTION AND TREATMENT SYSTEM COFFEY'S TEXACO, FLORENCE K. MURRAY JUDICIAL COMPLEX COURTHOUSE STREET NEWPORT RHODE ISLAND was prepared.

On March 20, 1996 a second Consent Agreement was entered between the Respondents and the RIDEM, Administrative Adjudication Division.

On March 28, 1998, the Rhode Island Department of Environmental Management (RIDEM) received a complaint from Newport Electric of SPP and vapors in an electrical manhole located at the corner of Spring and Touro Streets. Due to the potential explosion hazards, the SERC responded by pumping and venting the manhole.

On April 6, 1998, the RIDEM Office of Waste Management approved the installation of a total fluids extraction and treatment system at the site.

On June 17, 1998, SAGE provided emergency response actions to a report of SPP within a subsurface manhole on Courthouse Street, opposite Hozier Street. Actions consisted of pumping of SPP and subsurface structural modifications to the manhole. Regular screening of the manhole was incorporated into weekly operation and maintenance activities.
On November 16, 2000, SAGE sampled eighteen monitor wells for BTEX and MTBE laboratory analysis via EPA Method 8021B.


Consistent with the consent agreement, gauging, manual bailing of SPP, Courthouse screening and O&M of current remedial systems continued on a weekly basis through August 3, 2001. Consistent with RIDEM approval, site monitoring frequency was modified to bi-weekly through August 2001 to evaluate the effectiveness of the Soakease units. Based on RIDEM approval of recommendations presented in the Status Report for the period of April 2001 through August 2001, site monitoring frequency was modified to monthly.

On December 26, 2001, SAGE sampled twenty-six monitor wells for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On May 14, 2002, SAGE sampled twenty-six monitor wells and collected one sample from a sump in the Courthouse for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On August 15, 2002, SAGE sampled twenty-four monitor wells and collected one sample from a sump in the Courthouse for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On November 25, 2002, SAGE sampled twenty-five monitor wells for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On February 21, 2003, SAGE sampled twenty-five monitor wells and a sump in the Courthouse basement for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On April 3, 2003, RIDEM issued a letter approving a reduction in the sampling frequency for monitor wells MW-1, MW-2, MW-3, MW-8/RW-1, MW-11, MW-12, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-27 and MW-29. Sampling of these monitor wells will be reduced from quarterly to two sampling events per year based on historical analytical results for the monitor wells.

On May 29, 2003, SAGE sampled fourteen monitor wells and a sump in the Courthouse basement for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On August 28, 2003 SAGE sampled twenty four (24) monitor wells and a sump in the Courthouse basement for BTEX and MTBE laboratory analysis via EPA Method 8021B.
On November 25, 2003 SAGE sampled twenty five (25) monitor wells for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On February 4, 2004 SAGE sampled twenty five (25) monitor wells and a sump in the Courthouse basement for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On May 12, 2004 SAGE sampled twelve (12) monitor wells and a sump in the Courthouse basement for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On August 11, 2004 SAGE sampled twenty five (25) monitor wells for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On November 11, 2004 SAGE sampled thirteen (13) monitor wells for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On February 2, 2005 SAGE sampled (14) monitor wells for BTEX and MTBE laboratory analysis via EPA Method 8021B.

On May 13, 2005 SAGE sampled twenty five (25) monitor wells and a sump in the Courthouse basement for BTEX and MTBE via EPA Method 8021B.

On August 29, 2005 SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8021B.

On September 7 and 8, 2005, SAGE conducted repairs on monitor wells MW-1, MW-2, MW-3, MW-5, MW-6, MW-7, MW-18, MW-19, and MW-29. Repairs consisted of replacing roadboxes, changing locks, and changing locking well plugs.

On October 31, 2005 RIDEM issued a letter indicating that sampling frequency of monitor wells could be reduced to only those wells that have shown exceedance of the GB standard within the last year. Additionally, remaining site wells should be gauged annually.

On November 7, 2005 SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8021B.

On November 17, 2005 one 55-gallon drum containing vapor phase carbon from the soil vapor extraction (SVE) system, and 2 55-gallon drums containing liquid phase carbon were picked up for recycling by Service Tech, Inc. of Cranston, RI.

On February 28, 2006 SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8021B.

On May 16, 2006 SAGE sampled thirteen (13) monitor wells for BTEX and MTBE via EPA Method 8021B.
On August 16, 2006 SAGE sampled thirteen (13) monitor wells for BTEX and MTBE via EPA Method 8021B.

On November 16, 2006 SAGE sampled thirteen (13) monitor wells for BTEX and MTBE via EPA Method 8021B.

On February 21, 2007 SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8021B.

On April 24, 2007, based on the detection of SPP during the previous monitoring period, a Soakease passive product recovery sock was installed in monitor well MW-29.

On May 23, 2007 SAGE sampled twelve (13) monitor wells for BTEX and MTBE via EPA Method 8021B.

On June 13, July 2, and August 2, 2007, SAGE conducted repairs on monitor wells MW-1, MW-2, and MW-29 consisting of replacing locks and locking well plugs and cut-down and re-survey of top of well casing.

On August 20, 2007 SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8021B.

As recommended in SAGE's August 31, 2007 Status Report, and approved by RIDEM in a letter dated October 9, 2007, the sampling frequency of select Site monitor wells was reduced from quarterly to tri-annually.

On November 13, 2007 SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8021B.

On February 11, 2008 SAGE personnel observed that the SVE system blower was not working. It was determined that the blower was burned out and could not be repaired.

On March 18, 2008 a new SVE system blower was installed. At the same time, a new knock-out drum was also installed in the system.

On March 24, 2008 SAGE sampled eleven (11) monitor wells for BTEX and MTBE via EPA Method 8021B.

On July 16, 2008 SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8021B.

On November 5, 2008, SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8021B.

On March 18, 2009, SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8021B.
On April 9, 2009, SAGE drilled ten (10) soil borings on Site and in Courthouse Street using Geoprobe™ direct-push technology in order to evaluate the extent of impacted soil in preparation for excavation in Courthouse Street coincident with the City of Newport’s planned improvements.

On July 15, 2009, SAGE sampled twelve (12) monitor wells for BTEX and MTBE via EPA Method 8260B.

Remedial actions were performed at the Site from October 5 to October 9, 2009. Source petroleum remedial excavation was conducted using stimulus funds that were awarded to RIDEM under the American Recovery & Reinvestment Act. The purpose of the excavation was, to the extent feasible, reduce or eliminate severely impacted soil (i.e., petroleum saturated soils in areas where groundwater may exhibit separate-phase petroleum) in Courthouse Street between the Site and the Courthouse. Based on field screening during excavation, approximately 736 tons of contaminated soil was removed.

On November 24, 2009, SAGE sampled four (4) monitor wells for BTEX and MTBE via EPA Method 8260B.

On March 16, 2009, SAGE installed a new blower in the SVE system.

On March 16, 2010, SAGE sampled five (5) monitor wells for BTEX and MTBE via EPA Method 8260B. A roadbox was also replaced for monitor well MW-3.

On July 14, 2010, SAGE sampled five (5) monitor wells for BTEX and MTBE via EPA Method 8260B.

In SAGE’s May 5, 2010 Status Report for the Period January through April 2010, SAGE recommended:

- the installation of two groundwater monitor wells in proposed locations on-Site,
- continuation of tri-annual well sampling,
- reduction of monthly monitoring of Soakease units and PID screening of vapor points inside the courthouse to tri-annually, and
- the permanent removal of the SVE remedial system.

RIDEM approved SAGE’s recommendations in a letter dated July 30, 2010.

On August 17, 2010, the SVE system located at the adjacent courthouse was dismantled and permanently removed from the Site. Removal of the SVE system was recommended by SAGE at the request of the courthouse staff and approved by RIDEM as indicated above.

On November 4, 2010, two soil borings (MW-30 and MW-31) were advanced between the existing tanks and dispenser-island and the street to monitor potential migration of impacted groundwater and protect against any new off-Site impacts. Groundwater
monitor wells were subsequently installed within the borings. Soil samples were collected and submitted for laboratory analysis.

On November 10, 2010, SAGE sampled seven (7) monitor wells for BTEX and MTBE via EPA Method 8260B.

On March 8, 2011, SAGE sampled seven (7) monitor wells for BTEX and MTBE via EPA Method 8260B.

On April 15, 2011, RIDEM approved additional reductions in Site monitoring requirements to include only tri-annual gauging and sampling of Site monitor wells MW-15, MW-30 and MW-31. As such, evaluation and maintenance of passive product recovery equipment, periodic gauging of select Site monitor wells, manual product recovery efforts, remedial system performance monitoring, and air monitoring of the interior of the Florence K. Murray Judicial Complex (Courthouse) have been terminated.

On July 26, 2011, SAGE sampled three (3) monitor wells for BTEX and MTBE via EPA Method 8260B.

Consistent with the RIDEM approval, tri-annual gauging and groundwater sampling of monitor wells MW-15, MW-30 and MW-31 for laboratory analysis continues.
ANALYTICAL DATA REPORT

prepared for:

Sage Environmental, Inc
172 Armistice Blvd.
Pawtucket, RI 02860
Cathy Racine

Report Number: E107G13
Project: R020/Newport

Received Date: 07/27/2011
Report Date: 08/01/2011

[Signature]
Premier Laboratory, Inc
Authorized Signature

Certified and Compliant with:
CT (PH-0465), EPA (CT00008), MA (M-CT008), ME (CT0050), NH (2020), NJ (CT007), NY (11549), PA (68-04413), RI (LAO00300),
UCMR2 (CT00008), VT (VT11549)
CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

Premier Laboratory, Inc received three samples from Sage Environmental, Inc on 07/27/2011. The samples were analyzed for the following list of analyses:

Volatile by 8260B in GW/SW
8260B

Non-Conformances:
Work Order:
None

Sample:
None

Analysis:
None
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<th>Result</th>
<th>DL</th>
<th>Units</th>
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<tr>
<td>100-41-4</td>
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<td>1100</td>
<td>250</td>
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**Sample QC**

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<tr>
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<th>QC Limits</th>
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</tr>
<tr>
<td>1,2-Dichloroethane-d4</td>
<td>105%</td>
<td>88%-111%</td>
</tr>
<tr>
<td>Toluene-d8</td>
<td>104%</td>
<td>90%-118%</td>
</tr>
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</table>
### Premier Laboratory, Inc
#### Analytical Data Report

**Report No:** E107G13  
**Sample No.:** 2  
**Sample Description:** MW-30

**Customer:** Sage Environmental, Inc  
**Project:** R020/Newport  
**Matrix:** Aqueous  
**Percent Moisture:** N/A  
**Dilution Factor:** 8  
**Lab Data File:** Q21232.D  
**QC Batch #:** 86964

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**Sample QC**

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<td>Bromofluorobenzene</td>
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<tr>
<td>1,2-Dichloroethane-d4</td>
<td>106%</td>
<td>88%-111%</td>
</tr>
<tr>
<td>Toluene-d8</td>
<td>103%</td>
<td>90%-118%</td>
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</table>
# Premier Laboratory, Inc
## Analytical Data Report

**Report No:** E107G13  
**Sample No:** 3  
**Sample Description:** MW-31

**Date Collected:** 07/26/2011 10:00  
**Date Received:** 07/27/2011 15:00  
**Date Analyzed:** 07/29/2011 14:25  
**By:** AMH  
**Analytical Method:** 8260B

**Customer:** Sage Environmental, Inc  
**Project:** R020/Newport

**Matrix:** Aqueous  
**Percent Moisture:** N/A  
**Dilution Factor:** 10  
**Lab Data File:** Q21233.D  
**QC Batch#:** 86964

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<td>1634-04-4</td>
<td>Methyl tert-butyl ether (MTBE)</td>
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### Sample QC

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<tr>
<td>Toluene-d8</td>
<td>105%</td>
<td>90%-118%</td>
</tr>
</tbody>
</table>
**COPY OF REPORT TO**

**CUSTOMER:** SAGE Environmental, Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

**ADDRESS:**

**ATTENTION:**

**E-MAIL:** sage@sageenvironmental.net

**PHONE:** 423-9900  FAX: 723-9973

**BILLING INFORMATION**

**BILL TO:** SAGE Environmental, Inc.
172 Armistice Blvd.
Pawtucket, RI 02860

**ADDRESS:**

**ATTENTION:**

**TELEPHONE:**

**PURCHASE ORDER#:** R020

**PROJECT INFORMATION**

**PROJECT:** R020

**PROJECT LOCATION:** Newport  STATE: RI

**PROJECT MANAGER:** Cathy Racine

**IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CALL:**

**E-MAIL:** same

**TELEPHONE:**

**FAX:**

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<th>SAMPLE IDENTIFICATION</th>
<th>DATE COLLECTED</th>
<th>TIME COLLECTED</th>
<th>SAMPLE TYPE</th>
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</table>

**ANALYSIS**

**PRESERVATIVES**

**CUSTODY TRANSFER**

**DATE** | **TIME** | **TURNAROUND (INDICATE IN CALENDAR DAYS):** FAX HARD COPY E-MAIL
---|---|---
7-26-11 | 11:30 | EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

**COMMENTS**

*K RTEX + MTBE ONLY!

**CONDITION UPON RECEIPT:** (Check One)

- Cooled
- Ambient

6°C Upon Receipt at Lab

SEE REVERSE SIDE FOR TERMS AND CONDITIONS
### Historical Groundwater Data Summary

**Monitor Well MW-1**  
*(Installed 12/3/84)*

**Coffey's Texaco**  
*Newport, Rhode Island*

<table>
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**RDEM GB Groundwater Objective**  
**RDEM UCL**

**NA** - Not Analyzed  
**NE** - No allowable limit is established for this substance.  
**NS** - Not Sampled  
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.  
**SPP** - Separate Phase Petroleum present.  
**Bolded value indicates an exceedance of RDEM GB Groundwater Objective.**  
**All results expressed in µg/L.**

Where necessary, the RDEM objectives, in ppm, have been converted to µg/L to match the laboratory reporting method.  
<as: indicator to indicate analyte concentration not detected at or above laboratory quantitation limit (QL).
### Historical Groundwater Data Summary

Monitor Well MW-2
(Installed 12/3/84)
Coffey’s Texaco
Newport, Rhode Island

#### Table 1: GB Groundwater UCL

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#### Table 2: GB Groundwater Objective

| Analyte | 9/21/87 | 11/21/87 | 1/11/88 | 3/25/88 | 4/19/88 | 4/19/84 | 2/19/84 | 4/2/99 | 11/16/00 | 12/26/02 | 5/14/02 | 8/15/02 | 11/25/02 | 2/21/03 | 5/29/03 | 6/28/03 | 11/25/03 | 2/24/04 | 5/12/04 |
|---------|---------|----------|---------|---------|---------|---------|---------|--------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| BTEX    | <10     | <10      | <10     | <10     | <10     | <10     | <10     | <10    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     | <0.5     |
| Ethylbenzene | <10   | <10      | <10     | <10     | <10     | <10     | <10     | <10    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     | <0.5     |
| MTBE    | NA      | NA       | NA      | NA      | NA      | NA      | NA      | NA     | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     | <0.5     |
| Toluene | <10     | <10      | <10     | <10     | <10     | <10     | <10     | <10    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     | <0.5     |
| Total Xylenes | <10   | <10      | <10     | <10     | <10     | <10     | <10     | <10    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     | <0.5     |
| Total BTEX | <10     | <10      | <10     | <10     | <10     | <10     | <10     | <10    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     | <0.5     |

#### Table 3: GB Groundwater Objective

| Analyte | 8/1/04 | 11/1/04 | 3/2/05 | 5/3/05 | 8/4/05 | 11/7/05 | 12/2/06 | 5/25/06 | 6/16/06 | 11/16/06 | 5/21/07 | 11/19/07 | 12/28/07 | 5/3/08 | 11/16/08 | 5/19/09 | 7/15/09 |
|---------|--------|---------|--------|--------|--------|---------|---------|---------|---------|-----------|---------|-----------|-----------|---------|---------|---------|---------|---------|
| BTEX    | <10    | <10     | <10    | <10    | <10    | <10     | <10     | <10     | <10     | <0.5     | <0.5    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     |
| Ethylbenzene | <10 | <10     | <10    | <10    | <10    | <10     | <10     | <10     | <10     | <0.5     | <0.5    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     |
| MTBE    | <10    | <10     | <10    | <10    | <10    | <10     | <10     | <10     | <10     | <0.5     | <0.5    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     |
| Toluene | <10    | <10     | <10    | <10    | <10    | <10     | <10     | <10     | <10     | <0.5     | <0.5    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     |
| Total Xylenes | <10 | <10     | <10    | <10    | <10    | <10     | <10     | <10     | <10     | <0.5     | <0.5    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     |
| Total BTEX | <10    | <10     | <10    | <10    | <10    | <10     | <10     | <10     | <10     | <0.5     | <0.5    | <0.5     | <0.5     | <0.5    | <0.5    | <0.5    | <0.5     | <0.5     |

### Notes
- NA - Not Analyzed
- NE - No allowable limit is established for this substance
- NS - Not Sampled
- SFR: Sampled but not analyzed due to a reduction in the sampling frequency of the monitor well.
- GB - Groundwater
- UCL - Upper Confidence Limit
- Bolded values indicate exceedances of RIDEM GB Groundwater Objective.
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**RIDEM GB Groundwater Objective**

- Benzene: 140
- Ethylbenzene: 2000
- MTBE: 5000
- Toluene: 1700
- Total Xylenes: 5000
- Total BTEX: 21000

**RIDEM UCL**

- Benzene: 18000
- Ethylbenzene: 16000
- MTBE: 5000
- Toluene: 1700
- Total Xylenes: NE
- Total BTEX: NE

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**RIDEM GB Groundwater Objective**

- Benzene: 140
- Ethylbenzene: 16000
- MTBE: 5000
- Toluene: 1700
- Total Xylenes: NE
- Total BTEX: NE

**RIDEM UCL**

- Benzene: 18000
- Ethylbenzene: 16000
- MTBE: 5000
- Toluene: 1700
- Total Xylenes: NE
- Total BTEX: NE

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**RIDEM GB Groundwater Objective**

- Benzene: 140
- Ethylbenzene: 16000
- MTBE: 5000
- Toluene: 1700
- Total Xylenes: NE
- Total BTEX: NE

**RIDEM UCL**

- Benzene: 18000
- Ethylbenzene: 16000
- MTBE: 5000
- Toluene: 1700
- Total Xylenes: NE
- Total BTEX: NE

**Notes:**
- NA - Not Analyzed
- NE - No allowable limit is established for this substance.
- NS - Not Sampled
- SPF - Sample Frequency reported in the sampling frequency of the monitor well.
- SPE - Same Phase Petroleum present.
- Bolded value is considered an exceedance of RIDEW GB Groundwater Objective.

*All results expressed in ng/L.*

*Where necessary, the RIDEM objectives, in ppm, have been converted to spf to match the laboratory reporting method.

<: Indicates sample concentration not detected or at or above laboratory quantitation limit (L).
### Historical Groundwater Data Summary

**Monitor Well MW-4 (Destroyed)**  
(Installed 12/3/84)  
Coffey's Texaco  
Newport, Rhode Island

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**Key Notes:**  
- NA - Not Analyzed  
- NE - No allowable limit is established for this substance.  
- NS - Not Sampled  
- SFR - Not sampled due to a reduction in the sampling frequency of the monitor well.  
- SPP - Separate Phase Petroleum present.  
- Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.  
- All results expressed in ug/L.  
- Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
- <x: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).  
- u: Analyte concentration in this sample exceeds the RIDEM Upper Concentration Limit.
### Historical Groundwater Data Summary

**Monitor Well MW-5 (destroyed)**  
(Installed 12/3/84)  
* Coffey's Texaco  
* Newport, Rhode Island

#### Analyte Results

| Analyte | 2/21/84 | 2/12/85 | 3/20/85 | 5/9/85 | 6/29/85 | 1/16/86 | 3/18/86 | 7/16/86 | 2/1/86 | 10/21/97 | 12/26/01 | 5/14/02 | 7/15/02 | 11/25/02 | 2/23/03 | 5/29/03 | 8/28/03 | 11/25/03 |
|---------|---------|---------|---------|-------|---------|---------|---------|---------|-------|----------|----------|---------|---------|---------|---------|---------|---------|---------|---------|
| Benzene | 550     | 4800    | 4800    | 4700  | 4570    | 9590    | 9050    | 3320    | 720   | 12400    | 4100     | 1100    | 3300    | 1500    | 1500    | 880     | 550     | 1600    | 140     | 1800     | 1600     | 1600     | 1600     | 1600     | 1600     | 1600     |
| Toluene  | NA      | NA      | NA      | NA    | NA      | NA      | NA      | NA      | NA    | NA       | NA       | NA      | NA      | NA      | NA      | NA      | NA      | NA      | NA      | NE      | NE       | NE       | NE       | NE       | NE       | NE       | NE       |
| Total Xylenes | 190   | 2800    | 4100    | 5300  | 9900    | 2860    | 2560    | 1260    | 49    | 4000     | 1400     | 460    | 88      | 52      | 59      | 46      | 26      | 44      | 1700    | 21000    | 5000     | NE       | NE       | NE       | NE       |
| Total BTEX | 1180  | 6650    | 5970    | 6840  | 7180    | 17300   | 16900   | 6110    | 2009  | 18100    | 5600     | 1540   | 4128    | 2052    | 2269    | 1440    | 1340    | 2444    | 140     | 1800     | 1600     | 1600     | 1600     | 1600     | 1600     |

#### Additional Information

- **GB Groundwater Objective**
- **UCL**

- **NA** - Not Analyzed
- **NE** - No allowable limit is established for this substance.
- **NS** - Not Sampled
- **SRP** - Separate Phase Petroleum present.
- **Bolded value indicates an exceedance of RDEW GB Groundwater Objective.**
- **All results expressed in µg/L.**
- **Where necessary, the RDEW objectives, in ppm, have been converted to ppb to match the laboratory reporting method.**
- **<s> Indicates analyte concentration not detected at or above laboratory quantitation limit (LOQ).**

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*S:Uobs\R0001-R0200\Tables\Historical CW data2011-07-26 R020 Historical data tables.xls*
### Historical Groundwater Data Summary

#### Monitor Well MW-6 (Destroyed)

(Installed 12/3/84)

Coffey's Texaso
Newport, Rhode Island

#### Table 1: Analyte Data for MW-6

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<th>7/9/86</th>
<th>12/26/01</th>
<th>5/1/04</th>
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NA = Not Analyzed
NE = No allowable limit is established for this substance.
NS = Not Sampled
SFR = Not sampled due to a reduction in the sampling frequency of the monitor well.
SPP = Separate Phase Petroleum present.
Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.
All results expressed in ug/L.
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.
<5: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).
### Historical Groundwater Data Summary

**Monitor Well MW-7 (Destroyed)**  
(Installed 12/5/84)  
Coffey's Texaco  
Newport, Rhode Island

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| Analyte | 7/21/04 | 11/11/04 | 2/28/05 | 5/28/05 | 9/26/05 | 11/6/05 | 2/28/06 | 5/28/06 | 8/2/06 | 8/2/06 | 11/14/06 | 2/21/07 | 5/24/07 | 8/26/07 | 11/13/07 | 3/24/08 | 7/16/08 | 11/5/08 | 3/18/09 | 7/16/09 | 11/16/09 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| BTEX    | 260 | 710 | 140 | 100 | 300 | 100 | 200 | 100 | 400 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 |
| MTBE    | 111 | 700 | 140 | 100 | 300 | 100 | 200 | 100 | 400 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 |
| Toluene | 150 | 700 | 140 | 100 | 300 | 100 | 200 | 100 | 400 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 |
| Total Xylenes | 890 | 700 | 140 | 100 | 300 | 100 | 200 | 100 | 400 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 |
| Total BTEX | 1140 | 700 | 140 | 100 | 300 | 100 | 200 | 100 | 400 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 | 400 | 600 |

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NA - Not Analyzed  
NR - No allowable limit is established for this substance  
NS - Not Sampled  
SFR - Not sampled due to a reduction in the sampling frequency of the monitor well  
SPP - Separate Phase Petroleum present  
Bolded value indicates an exceedance of RI DEM GB Groundwater Objective  
All results expressed in mg/L  
Where necessary, the RI DEM objective, in ppm, have been converted to ppb to match the laboratory reporting method  
<.5 - Indicates analyte concentration not detected at or above laboratory quantitation limit (DL)
Historical Groundwater Data Summary
Monitor Well MV-8 (RW-1)
(Installed 12/3/84)
Coffees' Teas, Co., Inc.
Newport, Rhode Island

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NA - Not Analyzed
NE - No allowable limit is established for this substance.
NS - Not Sampled
SFR - Not sampled due to a reduction in the sampling frequency of the monitor well.
SEF - Separate Plant Petroleum.
Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.
All results expressed in ng/L.
Where necessary, the RIDEM objectives, in ppm, have been converted to ng/L to match the laboratory reporting method.
<10 Indicates analyte concentration not detected at or above laboratory quantitation limit (LQL).
* Sample Family
4: Although analyte was not detected, the laboratory quantitation limit for this sample exceeds RIDEM GB Groundwater Objective.
5: Analyte concentration in this sample exceeds the RIDEM Upper Concentration Limit.
# Historical Groundwater Data Summary

**Monitor Well MW-9 (RW-2)**

*(Installed 4/19/94)*

*Coffey's Texaco*

*Newport, Rhode Island*

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NA - Not Analyzed

NE - No allowable limit is established for this substance.

NS - Not Sampled

SFR - Not sampled due to a reduction in the sampling frequency of the monitor well

SPP - Separate Phase Petroleum present.

Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.

All results expressed in ug/L.

Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.

< - Indicates analyte concentration not detected at or above laboratory quantitation limit (SFR)

**Sample Results:**

d: Although analyte was not detected, the laboratory quantitation limit for this sample exceeds RIDEM GB Groundwater Objectives.
v: Analyte concentration in this sample exceeds the RIDEM Upper Concentration Limit.
### Historical Groundwater Data Summary

**Monitor Well MW-10**  
*(Installed 4/19/94)*  
**Coffey’s Texaco**  
**Newport, Rhode Island**

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| Analyte      | 2/14/04 | 5/12/04 | 8/11/04 | 11/13/04 | 2/8/05 | 5/17/05 | 8/10/05 | 11/7/05 | 2/28/05 | 5/16/05 | 8/16/05 | 11/16/05 | 2/21/07 | 5/23/07 | RIDEEM GR Groundwater Objective | RIDEEM UCL |
|--------------|---------|---------|---------|----------|--------|---------|----------|---------|---------|----------|---------|---------|----------|---------|---------|-------------------------------|-----------|
| Benzene      | 58      | 50.8    | 44      | 57       | 84     | 84      | 350      | SFR     | SFR     | 34       | 55      | 52       | SFR     | 64      | 140     | 18000                          |           |
| Ethylbenzene | 76      | 7.3     | 81      | 48      | 46     | 140     | 73       | 140     | 110     | 110      | 64      | 16000                          |           |
| MTBE         | 150     | <1      | 25      | 60       | 220    | 84      | 774      | SFR     | SFR     | 34      | 55      | 52       | SFR     | 64      | 140     | 18000                          |           |
| Toluene      | 13      | 3.9     | 7.2     | 15      | 7.3     | 17      | 18       | 6.5      | 9.6      | <1      | 6.2      | 17000                          |           |
| Total Xylenes| 100     | 18      | 29      | 25      | 22     | 54      | 120      | 130     | 88      | 98       | 44      | NE                              | NE        |
| Total BTEX   | 245     | 35.1    | 161     | 155     | 295    | 250     | 262      | 178.2    | 178.2   | 178.2   | 178.2   | NE                              | NE        |

**Note:**  
- **NA:** Not Analyzed  
- **NE:** No allowable limit is established for this substance.  
- **NS:** Not Sampled  
- **SFR:** Not sampled due to a reduction in the sampling frequency of the monitor well.  
- **SPP:** Separate Phase Petroleum present.  
- Bolded value indicates an exceedance of RIDEEM GB Groundwater Objective.  
- All results expressed in µg/L.  
- Where necessary, the RIDEEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
- <x> Indicates analyte concentration not detected at or above laboratory quantitation limit (x).
## Historical Groundwater Data Summary

**Monitor Well MW-11**  
*(Installed 4/20/94)*  
*Coffey's Texaco*  
*Newport, Rhode Island*

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**RIDEM GB Groundwater Objective**  
**RIDEM UCL**

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**NA** - Not Analyzed  
**No** - No allowable limit is established for this substance.  
**NS** - Not Sampled  
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.  
**SPP** - Separate Phase Petroleum present.  
**Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.**  
All results expressed in µg/L.  
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
<1: Indicates analyte concentration not detected or above laboratory quantitation limit (x).
# Historical Groundwater Data Summary

Monitor Well MW-12
(Installed 4/20/94)
Coffey's Texaco
Newport, Rhode Island

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**Note:**
- NA - Not Analyzed
- NE - No allowable limit is established for this substance.
- NS - Not Sampled
- SFR - Not sampled due to a reduction in the sampling frequency of the monitor well.
- SPP - Separate Phase Petroleum present.
- Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.
- All results expressed in ug/L.

Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.

<: Indicates analyte concentration not detected at or above laboratory quantitation limit (x)

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## Historical Groundwater Data Summary

**Monitor Well MW-13 (Destroyed)**

**Installed 5/3/94**

Coffey's Texaco

Newport, Rhode Island

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**RIDEM GB Groundwater Objective**

**RIDEM UCL**

**NA** - Not Analyzed

**NE** - No allowable limit is established for this substance.

**NS** - Not Sampled

**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.

**SPP** - Separate Phase Petroleum present.

Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.

All results expressed in ug/L.

Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.

<x>: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).

S:\Jobs\R0001-R0050\R0020\Tables\Historical GW data2011-07-26 R020 Historical data tables.xls
### Historical Groundwater Data Summary

Monitor Well MW-14  
(Installed 5/4/94)  
Coffey's Texaco  
Newport, Rhode Island

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|--------------|-----------|--------|---------|--------|----------|---------|---------|---------|---------|---------|---------|---------|----------|---------|-----|-------|
| Benzene      | NS        | NS     | DRY     | DRY    | DRY      | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY      | DRY    | 140 | 18000 |
| Ethylbenzene | NS        | NS     | DRY     | DRY    | DRY      | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY      | DRY    | 1600| 16000 |
| MTBE         | NS        | NS     | DRY     | DRY    | DRY      | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY      | DRY    | 5000| NE    |
| Toluene      | NS        | NS     | DRY     | DRY    | DRY      | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY      | DRY    | 1700| 21000 |
| Total Xylenes| NS        | NS     | DRY     | DRY    | DRY      | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY      | DRY    | 1700| 21000 |
| Total BTEX   | NS        | NS     | DRY     | DRY    | DRY      | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY     | DRY      | DRY    | 1700| 21000 |

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**NA** - Not Analyzed  
**NS** - No allowable limit is established for this substance.  
**NS - Not Sampled**  
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.  
**SPP** - Separable Phase Petroleum present.  
Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.  
All results expressed in ug/L.  
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
<: Indicates analyte concentration not detected at or above laboratory quantitation limit (<).
## Historical Groundwater Data Summary

**Monitor Well MW-15**

*(Installed 5/4/94)*

Coffey's Texaco

Newport, Rhode Island

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### Notes

- **NA** - No Analyzed limit is established for this substance.
- **NS** - Not Sampled
- **SFP** - Not sampled due to a reduction in the sampling frequency of the monitor well.
- **SPP** - Separate Phase Petroleum present.
- **Bolded value** indicates an exceedance of RIDEM GB Groundwater Objective.
- All results expressed in μg/L.
- Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.
- <: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).

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S:\Jobs\R\R0001-R0050\R0020\Tables\Historical GW data\2011-07-26 R020 Historical data tables.xls
### Historical Groundwater Data Summary
**Monitor Well MW-16**
(Installed 5/4/94)
**Coffey’s Texaco**
Newport, Rhode Island

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**GB Groundwater Objectives**

- Benzene: 140 mg/L
- Toluene: 1700 mg/L
- Xylenes: 5000 mg/L
- Total BTEX: 21000 mg/L

**UCL**

- Benzene: 18000 mg/L
- Toluene: 18000 mg/L
- Xylenes: 18000 mg/L
- Total BTEX: 18000 mg/L

**Notes:**
- NA: Not Analyzed
- NE: No allowable limit is established for this substance.
- NS: Not Sampled
- SFR: Sampled due to a reduction in the sampling frequency of the monitor well.
- SPP: Separate Phase Petroleum present.

**Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.**

**All results expressed in mg/L.**

**Where necessary, the RIDEM objectives, in mg/L, have been converted to ppb to match the laboratory reporting method.**

< indicates analyte concentration not detected at or above laboratory quantitation limit (x).

---

S:\Jobs\R00001-R00500R0020\Tables\Historical GW data\2011-07-26 R020 Historical data tables.xls
# Historical Groundwater Data Summary

**Monitor Well MW-17 (Destroyed)**

**(Installed 8/30/94)**

*Coffey's Texaco*

*Newport, Rhode Island*

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NA - Not Analyzed
NE - No allowable limit is established for this substance.
NS - Not Sampled
SFR - Not sampled due to a reduction in the sampling frequency of the monitor well.
SPP - Separate Phase Petroleum present.
Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.
All results expressed in ug/L.

Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.
<:x Indicates analyte concentration not detected at or above laboratory quantitation limit (x).
### Historical Groundwater Data Summary

**Monitor Well MW-18**  
(Installed 8/30/94)  
Coffey's Texaco  
Newport, Rhode Island

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**NA** - Not Analyzed  
**NE** - No allowable limit is established for this substance.  
**NS** - Not Sampled  
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.  
**SPP** - Separate Phase Petroleum present.  
**Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.**  
All results expressed in ug/L.  
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
<: Indicates analyte concentration not detected at or above laboratory quantitation limit (LOD).
### Historical Groundwater Data Summary

**Monitor Well MW-19 (Destroyed)**  
*(Installed 8/30/94)*  
*Coffey's Texaco*  
*Newport, Rhode Island*

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**RIDEA GB Groundwater Objective**  
**RIDEA UCL**

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**RIDEA GB Groundwater Objective**  
**RIDEA UCL**

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**NA** - Not Analyzed  
**NE** - No allowable limit is established for this substance  
**NS** - Not Sampled  
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.  
**SEP** - Separate Phase Petroleum present.  
**Bolded** value indicates an exceedance of RIDEA GB Groundwater Objective.  
All results expressed in ug/L.  
Where necessary, the RIDEA objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
<: Indicates analytic concentration not detected at or above laboratory quantitation limit (x).
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**RIDEM GB Groundwater Objective**

**RIDEM UCL**

**NA** - Not Analyzed
**NE** - No allowable limit is established for this substance.
**NS** - Not Sampled
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.
**SPP** - Separate Phase Petroleum present.
**Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.**

Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.

<1: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).
# Historical Groundwater Data Summary

**Monitor Well MW-21**  
(Installed 8/31/94)  
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Newport, Rhode Island

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**RIDEM Database**

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**NA** - Not Analyzed  
**NE** - No allowable limit is established for this substance.  
**NS** - Not Sampled  
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.  
**SPP** - Separate Phase Petroleum present.  
**Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.**  
All results expressed in µg/L.  
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
<: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).
## Historical Groundwater Data Summary

**Monitor Well MW-22**  
(Installed 8/31/94)  
Coffey's Texaco  
Newport, Rhode Island

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**Note:**
- NA = Not Analyzed
- NE = No allowable limit is established for this substance.
- NS = Not Sampled
- SFR = Not sampled due to a reduction in the sampling frequency of the monitor well.
- SPP = Separate Phase Petroleum present.
- Bolded values indicate an exceedance of RIDEM GB Groundwater Objective.
- All results expressed in ug/L.
- Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.
- <1 indicates analyte concentration not detected at or above laboratory quantitation limit (x).
### Historical Groundwater Data Summary

**Monitor Well MW-23**  
(Installed 1/31/94)  
Coffey's Texaco  
Newport, Rhode Island

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**Note:** All results are expressed in ug/L.

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**NA** - Not Analyzed  
**NE** - No allowable limit is established for this substance  
**NS** - Not Sampled  
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well  
**SPP** - Separate Phase Petroleum present  
**Bolded value indicates an exceedance of RIDEM GB Groundwater Objective**  
**All results expressed in ug/L.**  
**Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.**  
**<x> Indicates analyte concentration not detected at or above laboratory quantitation limit (x).**
## Historical Groundwater Data Summary

Monitor Well MW-24 (Destroyed)
Coffey's Texaco
Newport, Rhode Island

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**NA** - Not Analyzed  
**NE** - No allowable limit is established for this substance.  
**NS** - Not Sampled  
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.  
**SPP** - Separate Phase Petroleum present.  
**Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.**  
All results expressed in ug/L.  
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
<: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).
### Historical Groundwater Data Summary

**Monitor Well MW-25**  
**Coffey's Texaco**  
**Newport, Rhode Island**

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NA - Not Analyzed  
NE - No allowable limit is established for this substance.  
NS - Not Sampled  
SFR - Not sampled due to a reduction in the sampling frequency of the monitor well.  
SPP - Separate Phase Petroleum present.  

Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.  
All results expressed in ug/L.  
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
<: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).
# Historical Groundwater Data Summary

**Monitor Well MW-26 (Destroyed)**  
**Coffey's Texaco**  
**Newport, Rhode Island**

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### GB Groundwater Objectives

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### GB Groundwater Objectives

- **NA** - Not Analyzed
- **NE** - No allowable limit is established for this substance.
- **NS** - Not Sampled
- **SPR** - Not sampled due to a reduction in the sampling frequency of the monitor well.
- **SPP** - Separate Phase Petroleum present.
- Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.
- All results expressed in ug/L.

Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.

<: indicates analyte concentration not detected at or above laboratory quantification limit (x).
## Historical Groundwater Data Summary

Monitor Well MW-27 (Destroyed)
Coffey's Texaco
Newport, Rhode Island

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NA - Not Analyzed
NE - No allowable limit is established for this substance.
NS - Not Sampled
SFR - Not sampled due to a reduction in the sampling frequency of the monitor well.
SFP - Separate Phase Petroleum present.
Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.
All results expressed in μg/L.
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.
<1 indicates analyte concentration not detected at or above laboratory quantitation limit (x).
## Historical Groundwater Data Summary

Monitor Well MW-28 (Destroyed)

Coffey's Texaco

Newport, Rhode Island

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**RIDEM GB Groundwater Objective**

**RIDEM UCL**

NA - Not Analyzed
NE - No allowable limit is established for this substance.
NS - Not Sampled
SFR - Not sampled due to a reduction in the sampling frequency of the monitor well.
SPP - Separate Phase Petroleum present.
Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.
All results expressed in ug/L.
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.
<: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).

S:\Jobs\RI\R0001-R0050\R020\Tables\Historical GW data\2011-07-28 R020 Historical data tables.xls
## Historical Groundwater Data Summary

**Monitor Well MW-29**  
Coffey's Texaco  
Newport, Rhode Island

### Table 1: Benzene, Ethylbenzene, MTBE, Toluene, Total Xylenes, Total BTEX

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- **NA**: Not Analyzed
- **NE**: No allowable limit is established for this substance.
- **NS**: Not Sampled
- **SFR**: Not sampled due to a reduction in the sampling frequency of the monitor well.
- **SPP**: Separate Phase Petroleum present.
- Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.
- All results expressed in μg/L.
- Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.
- <x> Indicates analyte concentration not detected at or above laboratory quantitation limit (x).
- * Sampled on 5/23/07 due to SPP detected on 2/21/07
### Historical Groundwater Data Summary
**Monitor Well MW-30**  
*(Installed 11/4/10)*  
*Coffey's Texaco*  
*Newport, Rhode Island*

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NA - Not Analyzed  
NE - No allowable limit is established for this substance.  
NS - Not Sampled  
SFR - Not sampled due to a reduction in the sampling frequency of the monitor well.  
SPP - Separate Phase Petroleum present.  
Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.  
All results expressed in ug/L.  
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
<: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).

S:\Jobs\R\R0050\R0020\Tables\Historical GW Data\2011-07-26 R020 Historical data tables.xls
### Historical Groundwater Data Summary

**Monitor Well MW-31**  
*(Installed 11/4/10)*  
**Coffey's Texaco**  
**Newport, Rhode Island**

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NA - Not Analyzed  
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SPP - Separate Phase Petroleum present.  
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All results expressed in ug/L.  
Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.  
<x: Indicates analyte concentration not detected at or above laboratory quantitation limit (x).
### Historical Groundwater Data Summary

**SP-1/Courthouse Basement**  
**Coffey's Texaco**  
**Newport, Rhode Island**

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**RIDEM GB Groundwater Objective**  
**RIDEM UCL**

**NA** - Not Analyzed  
**NS** - Not Sampled  
**SFR** - Not sampled due to a reduction in the sampling frequency of the monitor well.  
**SPF** - Separate Phase Fumigation process  
**Bolded value indicates an exceedance of RIDEM GB Groundwater Objective.**  
**All results expressed in mg/L.**  
**Where necessary, the RIDEM objectives, in ppm, have been converted to ppb to match the laboratory reporting method.**  
**<5 indicates analytic concentration not detected at or above laboratory quantitation limit (LOQ).**
State of Rhode Island and Providence Plantations

NEWPORT, SC.

TIMOTHY R. E. KEENEY, Director
Rhode Island Department of Environmental Management

vs.

NEILL F. COFFEY, DIANE C. COFFEY and NEILL F. COFFEY, INC.

To the above-named Defendant: Neill F. Coffey, Inc.

The above-named plaintiff has brought an action against you in said Superior Court at Newport. You are hereby summoned and required to serve upon Brian A. Wagner, plaintiff's attorney, whose address is 235 Promenade Street, Providence, RI 02908, an answer to the complaint which is herewith served upon you, within 20 days after service of this summons upon you, exclusive of the day of service.

If you fail to do so, judgment by default will be taken against you for the relief demanded in the complaint. Your answer must also be filed with the court.

As provided in Rule 13(a), unless the relief demanded in the complaint is for damage arising out of your ownership, maintenance, operation or control of a motor vehicle, or unless otherwise provided in Rule 13(a), your answer must state as a counterclaim any related claim which you may have against the plaintiff, or you will thereafter be barred from making such claim in any other action.

Dated: January 1997

(Seal of the Superior Court)
STATE OF RHODE ISLAND  
NEWPORT COUNTY

TIMOTHY R.E. KEENEY, Director,  
Rhode Island Department of  
Environmental Management  

vs.  

NEILL F. COFFEY, DIANE C. COFFEY and  
NEILL F. COFFEY, INC.

SUPERIOR COURT

C.A. No.

COMPLAINT

Statement of the Case

This matter arises as a result of a release of petroleum products from underground storage tanks located at Defendants' service station adjacent to the Florence Murray Judicial Complex in the City of Newport, Rhode Island and as a result of Defendants' subsequent failure to comply with a Consent Agreement entered into with the Department of Environmental Management to resolve the administrative proceedings that arose out of said release of petroleum products.

A. PARTIES

1. Plaintiff Timothy R.E. Keeney, is the duly appointed Director of the Rhode Island Department of Environmental Management ("RIDE M"), having offices located at 235 Promenade Street, Providence, Rhode Island.

2. Defendant Neill F. Coffey, upon information and belief, is: an individual and a resident of the State of Rhode Island; an owner of the real property which is the subject matter of this Complaint; and an officer and director of co-Defendant Neill F. Coffey, Inc.
3. Defendant Diane C. Coffey, upon information and belief, is: an individual and a resident of the State of Rhode Island; an owner of the real property which is the subject matter of this Complaint; and an officer and director of co-Defendant Neill F. Coffey, Inc.

4. Defendant Neill F. Coffey, Inc., upon information and belief, is a Rhode Island corporation and is/was the registered owner and operator of certain underground storage tanks ("USTs" or "tanks") that are and/or were located at the subject property.

B. JURISDICTION & VENUE

5. Subject matter jurisdiction in this case is properly conferred in the Court pursuant to the Rhode Island DEPARTMENT OF ENVIRONMENTAL MANAGEMENT ACT, R.I. Gen. Laws §42-17.1-2(u)(5), as amended; the WATER POLLUTION ACT, §46-12-17, as amended; the OIL POLLUTION CONTROL ACT, §46-12.5-9, as amended; and this Court’s statutory jurisdiction pursuant to the SUPERIOR COURT ACT, §8-2-13, as amended.

6. Personal jurisdiction over Defendants in this case is properly conferred in this Court based upon Defendants’ residence, ownership of real property, corporate existence and or business contacts within the State of Rhode Island.

7. Venue is properly placed in this Court pursuant to the COMMENCEMENT OF PROCEEDINGS ACT, R.I. Gen. Laws 1956 (1985 Reenactment) §§9-4-2 and 9-4-3, as amended.
C. FACTS

8. Defendants are the owners and/or operators of a retail gasoline service station located at the intersection of Spring, Touro and Court Streets in the City of Newport, Rhode Island, which facility is otherwise identified as Newport Assessor's Plat 17, Lot 230 (the "Facility" or "Site").

9. The Facility is located directly behind the Florence K. Murray Judicial Complex (the "Courthouse") in downtown Newport.

10. Defendants are also the owners and/or operators of several underground storage tanks ("USTs" or "tanks") that are and/or were located at the Facility.

11. The Facility and the USTs located thereon are registered with RIDEM in accordance with RIDEM's REGULATIONS FOR UNDERGROUND STORAGE FACILITIES USED FOR PETROLEUM PRODUCTS AND HAZARDOUS MATERIALS (the "UST Regulations").

12. In March, 1994, RIDEM emergency response personnel were summoned to the Courthouse to investigate complaints of strong gasoline odors.

13. A RIDEM investigator inspected the Courthouse and found gasoline floating on water in a sump pit in the rear of the Courthouse basement.

14. Following the discovery of gasoline in the Courthouse basement, the RIDEM investigator proceeded to the rear of the Courthouse where he opened and inspected several groundwater monitoring wells at the Facility.
15. The inspection of the monitoring wells revealed the presence of a distinct layer of gasoline, approximately one foot (1') thick, floating on the water table. *(This layer of floating petroleum is referred to herein as "free-phase" or "separate-phase" petroleum product.)*

16. Upon discovery of the free-phase petroleum product in the groundwater monitoring well(s) at the Facility, the RIDEM investigator directed Defendants to test their tanks for leaks.

17. Subsequent precision testing of Defendants' USTs indicated that at least one (1) of Defendants USTs was leaking.

18. Based on the proximity of the Facility to the Courthouse and the presence of gasoline vapors inside the Courthouse, RIDEM and the Rhode Island Department of Administration immediately implemented emergency measures in order to keep the Courthouse open; including but not limited to the installation of ventilation equipment to remove gasoline vapors from the Courthouse and the installation of a groundwater treatment system between the Courthouse and the Facility to intercept free-phase product and contaminated groundwater near the foundation of the Courthouse.

19. On April 27, 1994, RIDEM's Division of Site Remediation *(now the Office of Waste Management)*, Leaking Underground Storage Tank Program issued a Notice of Violation and Order ("NOV") to the Defendants. *(A copy of the NOV is attached hereto as "Exhibit A.")*
20. The NOV alleged that petroleum product had been released from one (1) or more USTs located at the Facility resulting in the contamination of the soils and waters of the state on and adjacent to the Facility.

21. The NOV ordered Defendants to take steps to contain the contamination, to investigate and delineate the extent of the contamination and to devise and implement a plan to clean-up the contamination.

22. The NOV ordered Defendants to reimburse RIDEM for any and all costs incurred by RIDEM with regard to the petroleum release at the Facility.

23. The NOV did not assess administrative penalties against Defendants.

24. Administrative penalties were not assessed in the NOV because the release of petroleum product at the Facility occurred despite Defendants’ apparent compliance with the operation and maintenance requirements of RIDEM’s UST REGULATIONS.

25. Several USTs were removed from the Facility in September, 1994.

26. Holes were observed in at least two (2) of the USTs removed from the Facility.

27. Evidence of petroleum contamination, in the form of both gasoline odors and a visible sheen on the groundwater, was observed in the excavations from which the USTs were removed.

28. In lieu of convening an administrative hearing RIDEM and Defendants entered into a Consent Agreement on March 20, 1996, for the purpose of resolving the issues raised in the NOV. (A copy of the Consent Agreement is attached hereto as "Exhibit B".)
29. Pursuant to the terms of the Consent Agreement, Defendants agreed to pay to RIDEM a total of ONE HUNDRED SEVENTY SEVEN THOUSAND SIXTY-TWO and $177,062.85 within ninety (90) days of Defendants’ execution of the Consent Agreement.

30. The sum that Defendants agreed to pay to RIDEM represents a portion of the costs and expenses that have been incurred by RIDEM for emergency response, site investigation and clean-up activities at the Facility.

31. The time within which Defendants were to have paid the above-referenced amounts has expired.

32. Defendants have failed to pay the above-referenced amounts to RIDEM.

33. Pursuant to the terms of the Consent Agreement, Defendants were to have provided RIDEM with certain financial data within thirty (30) days of Defendants’ execution of the Consent Agreement.

34. Defendants did not provide RIDEM with any financial data in a timely fashion.

35. When Defendants finally provided RIDEM with the required financial data, the data that was provided was incomplete and did not adequately meet the requirements of the Consent Agreement.

36. Despite the inadequacy of the financial data that was provided by Defendants, RIDEM prepared a payment plan for Defendants’ payment of the sums owed to RIDEM under the Consent Agreement and made a demand for payment in accordance with that plan.
37. Defendants have failed and/or refused to make payments in accordance with RIDEM's proposed payment plan.

38. Defendants have failed and/or refused to propose an alternative plan to pay to RIDEM the sums owed in accordance with the Consent Agreement.

COUNT I

(Violation of Agreement)

39. RIDEM hereby restates and incorporates by reference the allegations contained in Paragraphs 1 through 38, above.

40. The Consent Agreement executed by the Defendants constitutes a contract wherein RIDEM agreed to forbear from prosecution of a pending administrative action in return for Defendants' agreement to: (a) Perform certain work relating to the investigation and clean-up of gasoline contamination at the Facility; and (b) Pay to RIDEM certain sums of money as reimbursement of expenses incurred by RIDEM.

41. The provisions of the Consent Agreement obligating Defendants to assume responsibility for site investigation and clean up are contingent upon the promulgation of regulations in accordance with UNDERGROUND STORAGE TANK FINANCIAL RESPONSIBILITY ACT, R.I. Gen. Laws §46-12.9-7.

42. The Defendants have failed and/or refused to pay to RIDEM the sums owed in accordance with the terms of the Consent Agreement.
KEENEY V. COFFEY, ET AL.

Complaint

43. Defendants' failure and/or refusal to pay the sums owed in accordance with the Consent Agreement constitutes a breach of contract.

D. PRAYER FOR RELIEF

WHEREFORE, the plaintiff, Timothy R.E. Keeney, in his capacity as Director of the Rhode Island Department of Environmental Management, hereby requests that the Court enter Judgment in favor of the Director finding the Defendants in violation of their Consent Agreement with RIDEM and awarding the Director the following relief:

(a) An ORDER, stipulating that:

i. The Consent Agreement remains in full force and effect as it relates to Defendants' obligations investigate, delineate and clean up the petroleum contamination originating from the Facility; and

ii. The Judgment in this matter is entered without prejudice to any future action by RIDEM to compel Defendants to investigate and/or remediate the contamination emanating from the Facility in accordance with the terms of the Consent Agreement and any and all applicable federal and/or state statutes, rules or regulations.

(b) An ORDER, enforcing the provisions of Paragraphs D(10)(a) and (b) of the Consent Agreement and awarding RIDEM the sum of ONE HUNDRED SEVENTY-SEVEN THOUSAND SIXTY-TWO and 85/100 DOLLARS ($177,062.85) in full payment thereof.

(c) An ORDER, awarding the Director daily monetary penalties in accordance with Paragraph E(2) of the Consent Agreement commencing November 21, 1996.
KEENEY V. COFFEY, ET AL.
Complaint

(d) A PRELIMINARY and PERMANENT INJUNCTION prohibiting Defendants from selling, leasing, mortgaging or in any way conveying or encumbering any real property owned by them or any appurtenances located thereon without the prior permission of this Court.

(e) A WRIT OF ATTACHMENT securing the proceeds from the sale of any property owned by Defendants to pay the monetary relief sought herein.

(f) Interest on all costs and other relief awarded; and

(g) Such other relief as this Court deems just and equitable in accordance with the facts of this case.

VERIFICATION

I, Terrence D. Gray, P.E., Chief of the Department’s Division of Site Remediation and an authorized representative of the Director, first being duly sworn upon oath, hereby state that the facts contained in this Complaint and the exhibits attached hereto are, to the best of my knowledge and belief, true and accurate.

TIMOTHY R.E. KEENEY, Director
Rhode Island Department of Environmental Management

By: TERRENCE D. GRAY, P.E.
Chief, Division of Site Remediation

STATE OF RHODE ISLAND
PROVIDENCE COUNTY

Subscribed and sworn to before me this 30th day of December, 1996

NOTARY PUBLIC
My commission expires: May 23, 1997
KEENEY V. COFFEY, ET AL.
Complaint

Submitted by:

TIMOTHY R.E. KEENEY, DIRECTOR
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
By his attorney,

Brian A. Wagner, #4033
DEM OFFICE OF LEGAL SERVICES
235 Promenade Street, 4TH Floor
Providence, RI 02908
Tel. (401) 277-6607
Fax (401) 274-7337
COPY

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ADMINISTRATIVE ADJUDICATION DIVISION

RE: NEILL F. COFFEY,
DIANE C. COFFEY and
NEILL F. COFFEY, INC.
(NOV No. LS 2209)

Coffey's Texaco
Spring, Touro & Court Streets
Newport, R.I.

AAD No. 94-013/SRE

CONSENT AGREEMENT

A. INTENT & PURPOSE:

This Consent Agreement is entered by and between the Department of Environmental Management, Division of Site Remediation, Leaking Underground Storage Tank Program (the "Division") and Neill F. Coffey, Diane C. Coffey and Neill F. Coffey, Inc. (the "Respondents"). This Agreement is entered into in accordance with Chapters 46-12, 42-17.1 and 42-17.6 of the Rhode Island General Laws for the purpose of resolving a Notice of Violation and Order ("NOV") issued by the Division on April 27, 1994.

B. COVENANT RUNNING WITH THE LAND:

The terms and conditions set forth herein shall be deemed to operate as COVENANTS and RESTRICTIONS upon the subject property, which shall run with the land and be irrevocable and binding upon all successors in title or interest, their agents, servants, employees, successors and assigns and all persons, firms and corporations acting under, by or for them, until such time as this Agreement is Released or Discharged by the Department.

C. NARRATION:

(1) WHEREAS, Neill F. Coffey and Diane C. Coffey ("the Coffeys") are the owners of a certain parcel of real property located at the intersection of Spring, Touro and Court Streets in the City of Newport, Rhode Island, otherwise identified as Newport Assessor's Plat 17, Lot 230 (the "facility" or "site"); and
WHEREAS, the facility has been operated as a retail gasoline service station by the Coffeys and/or Neill F. Coffey, Inc. since May, 1985; and

WHEREAS, at the time of the issuance of the subject NOV, at least six (6) underground storage tank systems ("USTs" or "tanks") were located at the facility; and

WHEREAS, on or about March 22, 1994, one (1) UST located at the facility, failed to pass a precision test and was subsequently emptied and taken out-of-service by Respondents in accordance with the requirements of the Regulations for Underground Storage Facilities Used for Petroleum Products and Hazardous Materials (the "UST Regulations"); and

WHEREAS, on April 27, 1994, the Division issued the subject NOV alleging that free-phase petroleum product and petroleum contaminated groundwater discovered in monitoring wells on and adjacent to the facility, including petroleum found in a groundwater depression sump in the basement of the adjacent Florence K. Murray Judicial Complex (the "Courthouse"), was the result of a leak or other release of petroleum products from one (1) or more of the USTs located at the facility, which allegations have been denied by Respondents; and

WHEREAS, Respondents subsequently removed four (4) of the facility's USTs on or about September 21, 1994, and found holes and/or leaks in three (3) USTs; and

WHEREAS, the Department and/or the State of Rhode Island has performed all emergency response/mitigation, site investigation, monitoring and corrective action activities at the facility and paid considerable costs and expenses associated therewith;

THE DIVISION AND RESPONDENTS HEREBY enter into the following Consent Agreement in lieu of convening an Administrative Hearing in an effort to effect a timely resolution to this matter, such Agreement being deemed by all parties to be in the best interests of the public health and environment.

D. AGREEMENT:

(1) Jurisdiction - The Department has jurisdiction over the subject matter of this Agreement and has personal jurisdiction over Respondents.
Waiver of Hearing - Respondents hereby waive any and all rights to further administrative proceedings before the Department's Administrative Adjudication Division and/or any rights to appeal that they might have with regard to the issues raised in the NOV dated April 27, 1994.

Force and Effect - This Agreement shall have the full force and effect of a Final Administrative Decision for which the time for appeal has expired. Accordingly, this Agreement shall be fully enforceable in Superior Court.

Application - The provisions of this Agreement shall apply to and be binding upon the Department, Respondents and their agents, servants, employees, successors, assigns and all persons, firms and corporations acting under, through and for them in the performance of work relating to or impacting the requirements of this Agreement.

Recording - Respondents shall record a copy of this Agreement with the Office of Land Evidence Records for the City of Newport, Rhode Island, and agree to the recording of any future agreements relating to the investigation or remediation of petroleum contamination located on or emanating from the facility.

Liability - Respondents, their successors in title and their assigns, hereby acknowledge and accept full responsibility for all on and off-site investigation, monitoring and remediation activities (collectively referred to herein as "remedial activities") relating to petroleum contamination on and emanating from the facility and full responsibility for all work necessary to comply with the NOV.

Remedial Activities - For the purposes of this Agreement and subject to Respondents verifying, pursuant to Paragraph D(9), below, that they are financially unable to undertake required remedial activities at the facility, Respondents' obligations relating to the facility shall be handled as follows:

(a) Except as otherwise set forth herein, the Division shall continue to perform any and all remedial activities at the facility that it deems necessary, including the construction of any required remediation system(s) until such time as the UNDERGROUND STORAGE TANK FINANCIAL RESPONSIBILITY FUND ACT, R.I. Gen. Laws Chapter 46-12.9 (the "Fund") becomes operational. The Fund shall be deemed to be operational as of the effective date of any rules and regulations promulgated by the review board in accordance with §46-12.9-7.
(b) Prior to the Fund becoming operational, Respondents shall, at the
request of the Division, undertake any remedial activity required in
accordance with the NOV or this Agreement where the financial data
submitted by Respondents in accordance with this Agreement indicates
that one or more of the Respondents have the financial ability to
undertake that activity.

(c) Respondents shall assume full responsibility for the operation and
maintenance of any remediation system installed by the Division, and
all associated costs and expenses, as the system comes on-line, unless
Respondents can demonstrate, to the satisfaction of the Department,
that they are financially unable to undertake such responsibilities.

(d) Once the Fund is operational, Respondents shall assume full
responsibility for all remedial activities associated with the facility in
accordance with this Agreement, along with all associated costs and
expenses.

(e) Respondents shall provide the Division, its agents and assigns, with
free access to the facility for the purpose of performing any and all
necessary remedial activities.

(f) Respondents shall be responsible for applying for and for providing all
utility connections required to operate equipment for required remedial
activities and for paying all costs associated therewith.

(g) Respondents shall be responsible for promptly applying for and
obtaining any and all permits, licenses, resolutions or similar
authorizations necessary to fulfill their remedial obligations and for
paying all costs associated therewith.

(8) Performance - Respondents' obligations under this Agreement shall remain in
full force and effect until such time as the Division shall issue a Release of this
Agreement and a "Release of Violation." (See Paragraph 8(h), below.)

(a) All remedial activities undertaken by Respondents in accordance with
this Agreement shall be performed in accordance with a Corrective
Action Plan ("CAP"), to be developed by the Division through its
consultants, and such Orders as the Division may deem reasonably
necessary for the implementation of the CAP. The CAP and any
Orders implementing the CAP shall be enforceable as part of this
Agreement.
(b) Proposals to modify any remedial activities specified in the CAP shall be submitted to the Division in writing and be accompanied by all supporting materials. The Division shall review any such requests for modification in accordance with §14.13 of the UST Regulations. Any Order approving a proposed modification shall be enforceable as part of this Agreement.

(c) All remedial activities shall continue until such time as the groundwater quality at the facility and at any adjacent properties impacted by contamination originating from the facility is in compliance with the groundwater classification specified for the facility in the Groundwater Regulations.

(d) In the event that Respondents desire to terminate remedial activities under this Agreement, it shall be Respondents’ burden to establish that:

i. The groundwater quality in the impacted area is in compliance with the appropriate groundwater classification; and/or

ii. Any remaining contamination does not originate from the facility and is not related to releases resulting from the operation of UST systems located at the facility.

(e) In the event that the facility is sold, leased or otherwise transferred, Respondents shall ensure continuing compliance with this Agreement by obtaining either:

i. Written easements and/or access agreements that secure sufficient access to the facility for Respondents, the Division and/or their agents so as to permit full compliance with the terms of this Agreement; or

ii. A written agreement from the transferee(s) obligating said transferee(s) to assume all of Respondents’ obligations under the terms of this Agreement.

(9) Financial Data - Within thirty (30) days of Respondents’ execution of this Agreement, and annually thereafter, each Respondent shall provide the Division with the following financial information, prepared by a Certified Public Accountant, to establish the extent of each Respondent’s financial
ability/inability to undertake the remedial activities required by this Agreement pending the implementation of the Fund. This information shall include, but not be limited to:

(a) A fully itemized balance sheet;
(b) An income statement;
(c) The most recent federal income tax returns;
(d) An itemized list of all expenses incurred by Respondents for remedial activities on or adjacent to the facility. Said list shall identify the date of the activity for which the expense was incurred; a brief description of the activity; date of payment; the source of the funds used to pay for the described activity; and the status of any loans acquired to pay for the remedial activity; and
(e) Such other information as the accountant and/or Department may deem necessary to accurately and completely describe Respondents’ respective financial conditions and their ability to assume financial responsibility for remedial activities relating to the facility.

(f) Within sixty (60) days of the issuance of any Release of Violation and/or any Release of this Agreement, the Division shall be provided with a final accounting for each Respondent. Said final accounting shall include the information identified above, and such other information as the Division may request in order to make a final determination with regard to Respondents’ financial conditions to reimburse the Department for any outstanding costs and expenses not reimbursable through the Fund.

(g) The Department reserves the right to request additional and/or updated financial information any time it deems such information reasonably necessary to evaluate Respondents’ financial ability to assume responsibility for remedial activities at the facility.

10. Costs & Expenses - The parties agree to the following conditions regarding the costs and expenses associated with remedial activities relating to the facility:

(a) Within ninety (90) days of Respondents’ execution of this Agreement, Respondents shall pay to the Department the sum of TWENTY THOUSAND DOLLARS ($20,000.00) in satisfaction of the Department’s cost-recovery obligations under Section 5(e) of the Fund.
Within ninety (90) days of Respondents' execution of this Agreement, Respondents shall reimburse the Department for all costs and expenses incurred by the Department for investigation, remediation and/or monitoring activities relating to the facility that are not reimbursable by the Fund, including, but not limited to those costs and expenses incurred by the State of Rhode Island prior to the enactment of R.I. Gen. Laws Chapter 46-12.9 (see "Schedule A," attached hereto) and costs and expenses incurred by the State of Rhode Island that exceed the limitations of the Fund.

To the extent that Respondents recover any sums from any insurer or third-party responsible for the contamination located on the facility, said sums, after first deducting costs of suit and reasonable attorney's fees, shall be applied toward reimbursing the Department for any costs and expenses that it has incurred relating to the facility that are not reimbursable to the Department through the Fund.

Once the Fund is operational, the Department shall be given the first opportunity to apply for reimbursement of its eligible costs and expenses. Following the Fund's reimbursement of the costs and expenses incurred by the Department, Respondents shall be free to apply to the Fund for reimbursement of any eligible costs that may have been expended by Respondents.

The Department agrees to establish a reasonable payment program for any or all of the above-referenced amounts if, after a thorough review of Respondents' financial conditions, the Department determines that Respondents are unable to make the required payments.

Coordination of Remedial Activities - Where possible, remedial activities relating to the facility may be coordinated with Respondents' regular business activities in an effort to limit interference with the operations of Respondents' business. Provided, however, that such efforts at coordination shall be secondary considerations to the timely performance of appropriate remedial activities.

Prohibition Against Interference with Remedial Activities - Respondents shall not engage in, or permit any other party to engage in, any construction, demolition, excavation, grading or other activity at the facility which may unreasonably interfere with remedial activities at the facility. Prior to the commencement of any such work at the facility, Respondents shall consult with the Division to determine whether such work would interfere with any ongoing or proposed investigation or remediation work and receive its written approval of the project. The Division shall not unreasonably withhold
approval of a project that can be completed without negative impacts to remedial activities in time, expense or efficiency. In evaluating any proposed project, the Division's first priority shall be the prompt implementation of required remedial activities.

(13) **Third-Party Actions** - The execution of this Agreement by Respondents shall not affect Respondents' rights against any third parties that may be liable for the petroleum contamination originating from the facility.

E. **COMPLIANCE:**

(1) **Effect of Compliance** - Compliance with and fulfillment of this Agreement fully resolves all issues raised in the Notice of Violation, dated April 27, 1994. Upon Respondents' successful completion of the requirements set forth in this Agreement, the Division shall, upon written request by Respondents, Release the NOV and this Agreement from the Newport Land Evidence Records.

(2) **Failure to Comply** - In the event that Respondents willfully, intentionally or negligently fail to comply with any provision of this Agreement they shall pay a penalty of One Thousand Dollars ($1,000.00) per day for each day during which noncompliance continues. The payment of a penalty assessed in accordance with this paragraph shall not preclude the Division from seeking any other appropriate remedy (i.e. injunctive relief).

(3) **Compliance with Other Applicable Law** - Compliance with the terms of this Agreement shall not relieve Respondents of their obligations to comply with any other applicable laws or regulations administered by, through or for the Department or any other governmental entity. All remedial activities to be performed at the facility pursuant to the terms of this Agreement shall be performed in compliance with and meet the requirements of all applicable federal and state statutes and regulations.

(4) **Additional Enforcement Actions** - Upon a determination by the Director that there is a threat to the public health or the environment, or upon discovery of any new information, the Division reserves the right to take additional enforcement measures as provided by law or regulation, including, but not limited to, the issuance of "Immediate Compliance Orders" as authorized by R.I. Gen. Laws §42-17.2. This Agreement shall not operate to restrict any right to hearing or other right available by statute or regulation that Respondents might have in regard to any new enforcement action commenced by the Division after the execution of this Agreement.
(5) **Future Activities & Unknown Conditions** - This Agreement shall not operate to shield Respondents from liability arising either from future activities conducted at the facility or from any conditions existing at the facility that, as of the date of the execution of this Agreement, are not known to the Division.

(6) **Deferral** - The Director may, for good cause shown, defer any of the compliance dates prescribed herein.

(7) **Payment** - (a) Any and all penalties payable in accordance with the terms of this Agreement shall be made payable to: "R.I. Gen. Treasurer, Environmental Response Fund."

(b) Any and all costs being reimbursed to the Department in accordance with the terms of this Agreement shall be made payable to: "R.I. Gen. Treasurer, UST Trust Fund - Reimbursements."

All such payments shall be delivered, along with a copy of this Agreement, to:

Chief, DEM Office of Business Affairs  
22 Hayes Street  
Providence, RI 02908

(8) **Notice & Communication** - Any notice required by or communication related to this Agreement shall be deemed received if sent by regular mail, postage pre-paid, to:

<table>
<thead>
<tr>
<th>David Sheldon</th>
<th>Neill F. Coffey</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEM - LUST Section</td>
<td>c/o Coffey's Texaco</td>
</tr>
<tr>
<td>291 Promenade Street</td>
<td>Spring, Touro &amp; Court Streets</td>
</tr>
<tr>
<td>Providence, RI 02908</td>
<td>Newport, RI</td>
</tr>
</tbody>
</table>

Copies of communications, other than required technical site reports, shall be forwarded to:

<table>
<thead>
<tr>
<th>Brian A. Wagner, Esq.</th>
<th>Arnold Montaquila, Esq.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEM - LEGAL SERVICES</td>
<td>MONTAQUILA &amp; SUMMER</td>
</tr>
<tr>
<td>9 Hayes Street</td>
<td>Calart Tower, Suite 3A</td>
</tr>
<tr>
<td>Providence, RI 02908</td>
<td>400 Reservoir Avenue</td>
</tr>
<tr>
<td></td>
<td>Providence, RI 02907-3599</td>
</tr>
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(9) **Amendment** - This Agreement may be amended by mutual agreement of the parties in writing.
Effective Date - This Agreement shall be deemed entered as of the date of the last party to execute the Agreement.

IN WITNESS WHEREOF, the undersigned have caused these presents to be executed.

Neill F. Coffey

STATE OF RHODE ISLAND
COUNTY OF Newport

In Newport, on the 22 day of Feb, 1996, before me personally appeared the aforesaid Neill F. Coffey, to me known and known by me to be the person executing the foregoing Consent Agreement, and he acknowledged said instrument executed by him to be his free act and deed.

Diane C. Coffey

STATE OF RHODE ISLAND
COUNTY OF Newport

In Newport, on the 22 day of Feb, 1996, before me personally appeared the aforesaid Diane C. Coffey, to me known and known by me to be the person executing the foregoing Consent Agreement, and she acknowledged said instrument executed by her to be her free act and deed.

Coffey.CA3 - Rev February 13, 1996
STATE OF RHODE ISLAND
COUNTY OF Newport

In Newport, on the 22 day of Feb, 1996, before me personally appeared the aforesaid Neill F. Coffey, a duly authorized representative of Neill F. Coffey, Inc., to me known and known by me to be the person executing the foregoing Consent Agreement, and he/she acknowledged said instrument executed by him/her to be his/her free act and deed and the free act and deed of Neill F. Coffey, Inc.

[Signature]
NOTARY PUBLIC
My commission expires: 6-25-77

STATE OF RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

By: [Signature]
TERRENCE GRAY, Chief
Division of Site Remediation

STATE OF RHODE ISLAND
COUNTY OF PROVIDENCE

In Providence, on the 20th day of March, 1996, before me personally appeared the aforesaid Terrence Gray, Chief, Division of Site Remediation, a duly authorized representative of the State of Rhode Island, Department of Environmental Management, to me known and known by me to be the person executing the foregoing Consent Agreement, and he acknowledged said instrument executed by him to be his free act and deed and the free act and deed of the State of Rhode Island, Department of Environmental Management.

[Signature]
NOTARY PUBLIC
My commission expires: June 9, 1997
TANK CLOSURE ASSESSMENT REPORT

Date of Removal: September 21 - 22, 1994

Location: Coffey's Texaco
Address: 46 Spring Street
Newport, RI 02840

Describe the nature of this facility: Gasoline dispensing/service station

Area ground water classification: GA
Is the Site in a critical resource area? No

Owner: Neill F. Coffey

Company Personnel: Robert D. Martin, President
Nathaniel Finsness, Env. Scientist

<table>
<thead>
<tr>
<th>UST (#)</th>
<th>Size(s)</th>
<th>Contents</th>
<th>Tank Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.000</td>
<td>waste oil</td>
<td>steel, single wall</td>
</tr>
<tr>
<td>2</td>
<td>1.000</td>
<td>#2 heating oil</td>
<td>steel, single wall</td>
</tr>
<tr>
<td>3</td>
<td>4.000</td>
<td>gasoline</td>
<td>steel, reinforced with fiberglass liner</td>
</tr>
<tr>
<td>4</td>
<td>4.000</td>
<td>gasoline</td>
<td>steel, reinforced with fiberglass liner</td>
</tr>
</tbody>
</table>

Local Fire Official: Marshall George Pennachi
Address: 21 West Marlboro Street
City: Newport
State: Rhode Island
Tel #: 401-846-2213

DEP/DEM Official: Patrick Hogan, Sanitary Engineer
Address: 291 Promenade Street
City: Providence
State: Rhode Island 02908-5767
Tel #: 401-277-3872 ext # 7119

Tank Removal Company: Interstate Pump & Tank
Address: Webster Avenue
City: Fairhaven
State: MA 02719
Tel #: 508-992-2288
Describe condition of tank(s):

UST #1 (1,000 gallon waste oil) was in poor overall condition with substantial rust. Several .25 to .5 inch diameter holes were noted throughout the vessel. The tank was approximately half full with water prior to removal. Water was pumped out into a vac truck for disposal. Upon tank removal, a sheen was noted on groundwater entering the excavation.

UST #2 (1,000 gallon fuel oil) was in poor condition with substantial surficial rust and four (4) .25 to .5 inch holes were observed in the lower portion of the tank.

UST #3 (4,000 gallon gasoline) appeared to be in fair condition with moderate surficial rust. Three screws were noted protruding through the tank base. These screws appeared to be a result of the fiberglass lining installation of the vessel. No obvious holes were observed in UST #3.

UST #4 (4,000 gallon gasoline) exhibited similar screws protruding through the base as UST #3. However, gasoline was apparently passing through the fiberglass liner and out of the tank wall adjacent to one of the reinforcement screws.

All four tanks had been taken out of service in March of 1994.

Describe condition of piping:

All piping was single wall steel; in fair condition with minor surficial rust.

Characterize backfill around tank excavation:

Medium brown gravel with some stones.

Characterize native soil around tank excavation:

Medium brown gravel fill with some stones.

Was groundwater encountered?

Yes

Depth:

Approximately 6 feet.

Was contamination evident?

Yes

Describe the nature & location of any contamination encountered:

Minor contamination was noted below and around USTs #1 and #2. Up to 40 ppm soil (by headspace analysis) was encountered in the #1 grave and up to 70 ppm in the #2 grave. No soils were removed for disposal from these areas.

More pronounced gasoline contamination was observed in the graves of USTs #3 and #4. Approximately 10 cubic yards of contaminated soil was excavated prior to sample collection in the graves from both UST #3 and #4. Groundwater below UST #4 exhibited a heavy sheen, the majority of which was contained with absorbent pads and disposed of with contaminated soil.

Soil samples were collected from the grave walls and base for PID analysis. One composite soil sample for each grave was prepared and sent for laboratory analysis of Total Petroleum Hydrocarbons (TPH by GC-FID) and Volatile Organic Compounds (VOC by EPA Method 8240).

All disturbed soils from the #3 and #4 grave were removed and stockpiled on a neighboring property. A total of approximately 100 cubic yards of such contaminated soil was stockpiled for disposal. A polyethylene liner and cover was provided for the soil pile. One composite sample was collected from this stockpile and analyzed for standard disposal parameters.
All vessels were cleaned and transported to Patriot Metals in Providence, RI for recycling. The excavated areas were backfilled with clean bank gravel and the site restored to original conditions.

Groundwater was encountered throughout the Site at approximately 6 feet below surface elevation.

Lab Result Summary:

The following table is a summary of laboratory results as analyzed for TPH (GC/FID) and VOC (Laboratory results are included in attachments to this report):

**SOIL CONTAMINATION SUMMARY**  
**COFFEY'S TEXACO**  
9/21 - 9/22/94  
(RESULTS IN PPM)

<table>
<thead>
<tr>
<th>UST #</th>
<th>TPH</th>
<th>TOLUENE</th>
<th>TOTAL XYLANES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>232</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>2</td>
<td>1148</td>
<td>ND</td>
<td>ND</td>
</tr>
<tr>
<td>3</td>
<td>50</td>
<td>ND</td>
<td>1.19</td>
</tr>
<tr>
<td>4</td>
<td>3851</td>
<td>1.85</td>
<td>36.2</td>
</tr>
<tr>
<td>DISPOSAL PILE</td>
<td>449</td>
<td>ND</td>
<td>3.06</td>
</tr>
</tbody>
</table>

NOTES: ND - NOT DETECTED

The majority of contamination was encountered in the vicinity of UST #4 and had most likely occurred from a release of gasoline from this vessel, as at least one hole was observed in the tank's base.

**HARBORLINE ENVIRONMENTAL SERVICES, INC.**

BY: [Signature]  
Nathan L. Finsness  
Environmental Scientist/Project Manager  
DATE: 11/11/94
REPORT OF HNU PHOTOIONIZATION ANALYSIS

Client: Coffey's Texaco Date: 9/21-9/22/94

Project Location: 46 Spring Street, Newport, RI Job No: N/A

Date Unit Calibrated: 9/21/94 Tested By: RDM/NLF

<table>
<thead>
<tr>
<th>Tank No.</th>
<th>Location (depth/ft.)</th>
<th>HNU Reading (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>North wall 5'</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>South wall 5'</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>East wall 5'</td>
<td>86</td>
</tr>
<tr>
<td></td>
<td>West 5'</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>North wall 5'</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>South wall 5'</td>
<td>35</td>
</tr>
<tr>
<td>3</td>
<td>North wall 8'</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>South wall 8'</td>
<td>50</td>
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<tr>
<td></td>
<td>East wall 8'</td>
<td>140</td>
</tr>
<tr>
<td></td>
<td>West wall 8'</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>Base East 10'</td>
<td>26</td>
</tr>
<tr>
<td></td>
<td>Base West 10'</td>
<td>190</td>
</tr>
<tr>
<td>4</td>
<td>North wall 8'</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>South wall 8'</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>East wall 8'</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>West wall 8'</td>
<td>80</td>
</tr>
</tbody>
</table>

Harborline Environmental Services, Inc.
COFFEY'S TEXACO
49 SPRING STREET
NEWPORT, RI

Photos taken 9/21-9/22/94

UST #4
4,000 gallon gasoline

UST #4
Grave upon
Tank removal

USTs #1, 2, & 3
Loaded for transport
to scrap yard
COFFEY'S TEXACO
49 SPRING STREET
NEWPORT, RI

Photos taken 9/21-9/22/94

UST #1
1,000 gallon waste oil

UST #2
1,000 gallon heating oil

UST #3
4,000 gallon gasoline
REPORT TOXIKOM CORP.

REPORT PREPARED TOXIKON CORPORATION
10/20/94 18:42:34

TO 225 WILDWOOD AVE
HARBORLINE ENVIRONMENTAL ATTEN PAUL LEZBERG
NEW BEDFORD, MA 02745-4926 PHONE (617)933-6903
508-998-7817 FAX 6160 CERTIFIED BY:
ATTEN NAT FINNESS CONTACT TODD

CLIENT HARBORLINE COMPANY HARBORLINE ENVIRONMENTAL
SAMPLES 5 FACILITY 615 TARKILN RD
NEW BEDFORD, MA 02745-4926

WORK ID COFFEY'S TEXACO
TAKEN 9/21/94 AND 9/22/94
TRANS
TYPE SOIL
P.O. #
INVOICE under separate cover

SAMPLE IDENTIFICATION
01 TANK 1 COMP.
02 TANK 2 COMP.
03 TANK 3 COMP.
04 TANK 4 COMP.
05 DISPOSAL PILE
8240 PURGEABLE ORGANICS VOA
EPETS EXTRACTION GC PET SOIL
F PT FLASH POINT
GC PET PETROLEUM SCAN BY GC
MEX HG METALS, EXT. FOR MERCURY
MEX TS METALS, TOTAL EXT., SOIL
PCB S PCB - SW846-8080
PH S pH
RCRA RCRA METALS (6)
RE CN REACTIVE CYANIDE
RE S REACTIVE SULFIDE

TEST CODES and NAMES used on this workorder

MA CERT # M-MA064: TRACE METALS, SULFATE, CYANIDE, RES. FREE
CHLORINE, Ca, TOTAL ALK., TDS, pH, THMs, VOC, PEST., NUTRIENTS.
DEMAND. O&G, PHENOLICS, PCBs. CT DHS #PH-0563, NY #10778
FL HRS E87143, NJ DEP 59538, NC DNR286, SC 88002, NH 204091-C.

VERIFIED BY: W A W

Page 1
**CHAIN OF CUSTODY RECORD**

**WORK ORDER #: 10-21-521**

**DUE DATE: 10-17-51**

**COMPANY:** Harmonline Env.

**ADDRESS:** 615 Tarrlun Hill Rd
New Bedford MA 02745

**PHONE #: (508)993-2217 FAX #: ( )993-6160
P.O. #:**

**PROJECT MANAGER:** NAT Finkness

**PROJECT ID/LOCATION:** COFFEY'S TBACO

---

<table>
<thead>
<tr>
<th>TOXIKON #</th>
<th>SAMPLE IDENTIFICATION</th>
<th>SAMPLE TYPE</th>
<th>CONTAINER SIZE</th>
<th>CONTAINER TYPE</th>
<th>SAMPLING DATE</th>
<th>SAMPLING TIME</th>
<th>PRESERVATIVE</th>
<th>CONTAINER TYPE</th>
<th>SAMPLING DATE</th>
<th>SAMPLING TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TANK 1 Comp.</td>
<td>2</td>
<td>250 mL</td>
<td>G</td>
<td>9/21</td>
<td>2:00</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>TANK 2 Comp.</td>
<td>2</td>
<td>250 mL</td>
<td>G</td>
<td>9/21</td>
<td>2:00</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>3</td>
<td>TANK 3 Comp.</td>
<td>2</td>
<td>250 mL</td>
<td>G</td>
<td>9/22</td>
<td>12:00</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>TANK 4 Comp.</td>
<td>2</td>
<td>250 mL</td>
<td>G</td>
<td>9/22</td>
<td>3:00</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>5</td>
<td>Disposal Pile</td>
<td>2</td>
<td>100 mL</td>
<td>G</td>
<td>9/22</td>
<td>5:00</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMMENTS**

**SAMPLED BY:**

DATE: 9-23-99
TIME: 15:30:00

**RELINQUISHED BY:**

DATE: 7-30-99
TIME: 12:00:00

**RECEIVED BY:**

DATE: 9-50-99
TIME: 17:20:00

**RECEIVED FOR LAB BY:**

DATE: 11-09-99
TIME: -

**SPECIAL INSTRUCTIONS:**

☐ RUSH ..... BUSINESS DAY TURN AROUND
☐ ROUTINE

Sample disposal information
Are there any other known or suspected contaminants in these samples other than those listed above?
Yes ☐ No ☑ If Yes, 1st Known

**METHOD OF SHIPMENT:** COOLER TEMPERATURE
CERTIFIED MAIL

April 27, 1994

Neill F. and Diane C. Coffey
c/o Coffey's Texaco
Spring, Touro and Court Streets
Newport, Rhode Island 02840

Dear Mr. and Mrs. Coffey:

Enclosed please find a copy of the Notice of Violation and Order directed to Coffey's Texaco, in connection with the underground storage tank(s) located on the property at the intersections of Spring, Touro and Court Streets, Newport, Rhode Island. Please direct all correspondence and inquiries concerning the Order to:

Patrick J. Hogan
Division of Site Remediation/Leaking Underground Storage Tank Program
Department of Environmental Management
291 Promenade Street
Providence, Rhode Island 02908-5767
Telephone (401) 277-2234

If you would like to request a formal hearing, you should make the request to the Administrative Adjudication Division as indicated in the Notice of Violation and Order.

This Order shall also be recorded in the Land Evidence Records of the Newport City Hall as required by law.

Sincerely,

Bruce Catterall, P.E.
Supervising Sanitary Engineer

cc: Terrence D. Gray, Chief, DSR
    Brian A. Wagner, DEM Legal Services
    Bonnie Stewart, DEM, Administrative Adjudication

Telecommunication Device for the Deaf 277-6800
IN RE: Neill F. Coffey
Diane C. Coffey, and
Neill F. Coffey, Inc.

Coffey's Texaco
Spring, Touro and Court Streets
Newport, Rhode Island 02840

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DIVISION OF SITE REMEDIATION
LEAKING UNDERGROUND STORAGE TANK PROGRAM

NOTICE OF VIOLATION AND ORDER

A. Introduction

Pursuant to sections 46-12-9, 42-17.1-2(u) and Chapter 42-17.6 of the Rhode Island General Laws 1956 (1988 Reenactment), as amended, you are hereby notified that the Director of the Department of Environmental Management (the "Director") has reasonable grounds to believe that you have violated certain provisions of the Water Pollution Act, R.I. Gen. Laws chapter 46-12, as amended; the Oil Pollution Control Act, R.I. Gen. Laws chapter 46-12.5, as amended; the Oil Pollution Control Rules and Regulations (1990), as amended (the "Oil Regulations"); the Regulations for Underground Storage Facilities Used for Petroleum Products and Hazardous Materials (1993), as amended (the "UST Regulations") and/or the Rules and Regulations for Groundwater Quality (1992), as amended (the "Groundwater Regulations"), as indicated below.

B. Parties

(1) Neill F. Coffey and Diane C. Coffey ("owners"), are the owners of a certain parcel of property located at the intersection of Spring, Touro, and Court Streets, Newport, Rhode Island, otherwise known as Newport Assessor's Plat 17, Lot 230 (the "facility" or "site").

(2) Neill F. Coffey, Diane C. Coffey and/or Neill F. Coffey, Inc. ("operators") are the operators of the facility.

C. Findings of Fact

(1) One or more underground storage tanks ("UST's" or "tanks") are located at the facility, which tanks are used for the storage of petroleum products or hazardous materials.
The facility is registered with the Department pursuant to UST Regulation §8.00 and is identified as UST Facility Identification No. 00734.

On December 3, 1984, an oil spill of approximately 450 gallons occurred at the facility. A cross over line between two 10,000 gallon USTs was identified as the source of the spill.

Subsequent to the December 3, 1984 oil spill groundwater monitoring wells were installed on and off site. At this time, the presence of free phase petroleum product floating on the groundwater table was documented.

A groundwater remediation system was installed and operated at this facility until approximately June of 1988.

On October 19, 1987, the Department received a complaint from an engineer excavating in the basement of the courthouse. The complainant indicated the he smelled gasoline odors during the excavation.

On October 1, 1993, the Department issued a Notice of Violation and Order ("NOV") in connection with the USTs located at the facility. The violations stated in the NOV were related to precision testing requirements, spill containment requirements, and compliance verification requirements.

On March 21, 1994, representatives of the Department investigated a petroleum odor related complaint from the Newport County Court House. The DEM representative witnessed approximately 1/16 of an inch of free floating petroleum product in a groundwater depression sump in the boiler room in the basement of the court house. Petroleum odor was noted in the evidence room, boiler room, and generator room. These three rooms are located in the basement of the court house.

On March 21, 1994, subsequent to the investigation at the court house, the DEM representative gauged four monitoring wells at Coffey's Texaco, which is located on the opposite side of Court House Road. The existence of free floating petroleum product in monitoring wells MW-2 and MW-3 was documented, with a thickness of 1.5 feet and 1.0 feet, respectively.

On March 22, 1994, personnel from Lincoln Environmental, Inc. of Smithfield, Rhode Island, and a representative of the Department, began monitoring petroleum odors in the basement of the court house. A venting system was
installed to remove the vapors from the courthouse basement and is in continuous operation.

(11) On March 22, 1994, the 4,000 gallon UST used to store super unleaded gasoline at Coffey's Texaco failed the precision test performed by Philip J. Beauregard of Interstate Pump and Tank of Fairhaven, Massachusetts. The results of the test indicated a volume leakage rate of 0.146 gallons per hour ("gph"). This UST is registered with the Department as UST No. 003.

(12) On March 25, 1994, representatives of the Department gauged all seven monitoring wells at the facility. The presence of free phase petroleum product in monitoring wells MW-6 and MW-7 was documented, at a thickness of 0.03' and 0.04', respectively. Monitoring wells MW-6 and MW-7 are located immediately adjacent to UST No. 003.

(13) As of the date of this NOV, a Release Characterization Report in accordance with Section 14.07 of the UST Regulations has not been received by the Department.

D. Violation

Based on the foregoing findings of fact, the Director has reasonable grounds to believe that you have violated the following statutes and/or regulations:

(1) UST Regulation Section 14.05 relating to initial abatement actions;

(2) UST Regulation Section 14.06 relating to removal of free product;

(3) UST Regulation Section 14.07 relating to the submission of a release characterization report;

(4) R.I. Gen. Laws Section 46-12-5 (a) and (b), relating to prohibition against pollutants entering waters of the state;

(5) R.I. Gen. Laws 46-12.5-3, relating to prohibition against oil discharges;

(6) Oil Regulation Section 6, relating to prohibition against pollutants entering waters of the state;

E. Order:

Pursuant to R.I. Gen. Laws section 42-17.1-2(u) you are hereby ORDERED to:
(1) Within fifteen (15) days of receipt of this NOV, close the 4,000 gallon UST (identified as UST No. 003) which failed the precision test on March 22, 1994, in accordance with Closure Section 15.00 of the UST Regulations.

(2) Within fifteen (15) days of receipt of this NOV, submit written documentation to this office verifying that a qualified environmental consultant has been retained to prepare a detailed "Site Investigation" and to prepare a "Corrective Action Plan" for the remediation and removal of all petroleum products or hazardous materials that exist at the facility and are contaminating or threaten to contaminate the waters of the state in accordance with Sections 14.08 - 14.14 of the UST Regulations.

(3) Within fifteen (15) days of receipt of this NOV, submit to this office for its review and approval a DETAILED, WRITTEN TIMETABLE prepared by your named environmental consultant listing specific dates for the completion of:

a. The installation of any additional monitor wells necessary to delineate the full extent of any contamination both on and emanating from the facility;

b. A proposed groundwater and soil sampling schedule that identifies the chemical parameter sampling methodologies to be used at all existing and proposed monitor wells;

c. A full Site Investigation Report ("SIR") in accordance with Section 14.09 of the UST Regulations which includes a complete investigation of all down-gradient receptors from the identified leaking tank including but not limited to basements and underground utilities and structures within the defined plume;

d. All groundwater, aquifer and other testing required for the development and implementation of a Corrective Action Plan ("CAP");

e. The submission of a FINAL CAP prepared in accordance with Sections 14.11 and 14.12 of the UST Regulations;

f. A schedule for the implementation of the CAP.
(4) Notify the Division of Site Remediation's Leaking Underground Storage Tank Program at least 48 hours prior to any excavation, well installation or repair or replacement of equipment at the facility so that a representative of the Department may be present.

(5) Submit monthly status reports of all investigatory and remedial activities which take place at the facility.

(6) Unless otherwise directed by the Department, within thirty (30) days of the date of the Department's approval of the CAP, implement the CAP in accordance with the UST Regulations, any conditions set forth in the Department's Order of Approval and the proposed implementation schedule.

(7) Continue operation of all remediation procedures specified in the CAP until such time as the Director may determine that the soils and/or groundwater located on and around the facility have been adequately treated.

(8) Reimburse the Department for all funds which it has expended or may expend in the investigation and/or remediation of the contamination located at the facility in accordance with R.I. Gen. Laws Section 46-12.5-7.

(9) Should the conclusion of the Site Investigation Report indicate that the contamination documented in the basement of Newport County Court House is a result of a release from Coffey's Texaco, the respondent shall reimburse the State of Rhode Island for all funds which it has expended or may expend to protect the health of people in the Newport County Court House and maintain its normal operation.

(10) Should the conclusion of the Site Investigation Report indicate that offsite migration of petroleum contamination has impacted the Newport County Court House and/or adjacent properties, the respondent shall assume responsibility for any past or future action necessary to protect the health of the affected people and to remediate the impacted soil and groundwater.

F. Assessment of Penalty:

This NOV does not constitute a notice of intent to assess an administrative penalty pursuant to R.I. Gen. Laws chapter 42-17.6. However, the Director reserves the right to later assess administrative penalties based on the acts or omissions herein described.
G. Right to Administrative Hearing

(1) Pursuant to R.I. Gen. Laws Sections 42-17.1-2(u), 42-17.6-4 and Chapter 42-35, each named respondent is entitled to request a hearing before the Director or his/her designee as to any of the allegations, orders or penalties set forth in Paragraphs B through F, above. All requests for hearing must:

(a) Be in writing. See R.I. Gen. Laws Section 42-17.1-2(u)(1);

(b) Be accompanied by a copy of this NOV (a copy is enclosed for this purpose);

(c) Be received by the Department of Environmental Management, Administrative Adjudication Division within ten (10) days of your receipt of this NOV. See R.I. Gen. Laws Sections 42-17.1-2(u)(1), 42-17.1-2(w)(3)(b) and 42-17.6-4

(d) Indicate whether you deny the alleged violations and whether you believe that the administrative penalty is excessive. See R.I. Gen. Laws Section 42-17.6-4; and

(e) State clearly and concisely the specific issues which are in dispute, the facts in support thereof and the relief, license or permit sought or involved, if any. See Rule 7.00(b) of the Administrative Rules of Practice and Procedure for the Administrative Adjudication Division of Environmental Matters (1990).

(2) All written requests for hearing must be forwarded to:

Chief Hearing Officer

DEM - Administrative Adjudication Division
One Capitol Hill, Third Floor
Providence, RI 02908

(3) A copy of each request for hearing should also be forwarded to:

Brian A. Wagner
DEM - Office of Legal Services
9 Hayes Street
Providence, RI 02908

(4) Each named respondent has the right to be represented by legal counsel at all administrative proceedings relating to this matter.
(5) If any respondent fails to request a hearing in the above-described time or manner, this NOV shall automatically become a Final Compliance Order enforceable in Superior Court as to that respondent. Any proposed administrative penalty shall also be final as to any such respondent. See R.I. Gen. Laws Sections 42-17.1-2(u) and 42-17.6-4.

(6) Failure to comply with this NOV may subject each respondent to (additional) civil and/or criminal penalties of up to Twenty-Five Thousand Dollars ($25,000). See R.I. Gen. Laws Sections 42-17.6-7, 46-12-13, and 46-12-14.

(7) An original signed copy of this NOV is being recorded in the City/Town Office of Land Evidence Records where the Property is located pursuant to R.I. Gen. Laws Chapter 34-13 and Section 42-17.1-2(ee), as amended.

(8) This NOV does not preclude the Director from taking additional enforcement action nor does it preclude any other local, state, or federal governmental entity from initiating enforcement action based on the acts or omissions described herein.

If you have any questions, please contact Patrick J. Hogan at (401) 277-2234.

FOR THE DIRECTOR:

TERRENCE D. GRAY, P.E.
Chief, Division of Site Remediation

Date: April 27, 1994

cc: Newport/Land Evidence Records
    Newport/Building Official
CERTIFICATION

I hereby certify that on the 27th day of April, 1994, a copy of the Notice of Violation and Order was forwarded to:

Neill F. and Diane C. Coffey
c/o Coffey's Texaco
Spring, Touro and Court Streets
Newport, Rhode Island 02840

Neill F. Coffey
Registered Agent for Service
Neill F. Coffey, Inc.
48 Touro Street
Newport, Rhode Island 02840

by Certified Mail, return receipt requested.

Patrick J. Hogan
December 4, 2006

CERTIFIED MAIL

Mr. Richard Weiner
Congregation Jeshuat Israel
Touro Synagogue
85 Touro Street
Newport, RI 02840

RE: ORDER of APPROVAL No. RIO-385
Ambassador John Loeb, Jr. Visitor’s Center at Touro Synagogue

Dear Mr. Weiner:

Enclosed please find Order of Approval No. RIO-385 permitting the Congregation Jeshuat Israel to discharge treated effluent from a treatment system associated with construction dewatering for the Ambassador John Loeb, Jr. Visitor’s Center at Touro Synagogue (specified on Figure 4 “The Continental Group, Treatment System Schematic, Ambassador Loeb Visitor’s Center” of Attachment A of the Order of Approval Application submitted on November 20, 2006) to the City of Newport’s storm water drainage system, which ultimately discharges to Newport Harbor.

Please photocopy and complete the enclosed Discharge Monitoring Report (DMR) when submitting the required sampling data.

If you have any questions feel free to contact Aaron Mello of the State Permits Staff at (401) 222-4700, Extension 7405.

Sincerely,

Eric A. Beck, P.E.
Supervising Sanitary Engineer
RIPDES Permitting Program

EAB/am

Enclosure

cc: David Foss, Fuss & O’Neill, Inc.
Ziggy Rutan, The Continental Group
Jeff Crawford, DEM/OWM
Michael J. Dalio, H.V. Collins Company
STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

In the matter of the Congregation Jeshuat Israel’s Approval to Discharge effluent from a treatment system associated with construction dewatering for the Ambassador John Loeb, Jr. Visitor’s Center at Touro Synagogue located at 50-52 Spring Street in Newport, Rhode Island.

Order of Approval

RIO - 385

In the above entitled matter wherein Fuss & O’Neill, Inc. submitted on behalf of the Congregation Jeshuat Israel, plans to discharge treated effluent from a treatment system associated with construction dewatering for the Ambassador John Loeb, Jr. Visitor’s Center at Touro Synagogue (specified on Figure 4 “The Continental Group, Treatment System Schematic, Ambassador Loeb Visitor’s Center” of Attachment A of the Order of Approval Application submitted on November 20, 2006) to the City of Newport’s storm water drainage system, which ultimately discharges to Newport Harbor.

Upon consideration thereof, DEM hereby issues the following Order of Approval:

1) The applicant may discharge water from a treatment system associated with construction dewatering for the Ambassador John Loeb, Jr. Visitor’s Center at Touro Synagogue (specified on Figure 4 “The Continental Group, Treatment System Schematic, Ambassador Loeb Visitor’s Center” of Attachment A of the Order of Approval Application submitted on November 20, 2006) to the City of Newport’s storm water drainage system, which ultimately discharges to Newport Harbor, provided the conditions set forth in Attachment A are met.

2) The applicant shall notify the Office of Water Resources at least twenty-four (24) hours prior to commencement of the discharge.

3) This Order shall be subject to modification or revocation in accordance with the law.

ENTERED as the Order of the Department of Environmental Management in accordance with RIPDES Rule 9(c) this 5th day of December 2006.

For the Director

Angelo S. Liberti, P.E.
Chief of Surface Water Protection
Office of Water Resources
Department of Environmental Management
I. The terms and conditions of this Order of Approval shall remain in force until three (3) months after the initiation of the discharge.

II. All groundwater water pumped at the site shall be treated using the filtration system which employs one (1) 20,000 gallon frac-tank, two (2) 100 micron bag filters, two (2) 2,000 pound granular activated carbon (GAC) units piped in series, and two (2) totalizing flow meters (one prior to the bag filters and the other following the second GAC unit), as described in the plans submitted to the Office of Water Resources on November 20, 2006.

III. The discharge shall not contain a visible oil sheen, foam or floating solids at any time.

IV. For the entire discharge period the applicant shall:

Monitor flow continuously, and submit a flow log with the monitoring results. The flow log shall include the rate and duration of flow including the time(s) of day when the flow commences and ceases and a summary of total flow, operations and maintenance activities. This information will be used to coordinate sampling and insure that a sample is taken once upon treatment system startup and initiation of discharge, once on the third day of discharge, once on the fifth day of discharge, and once for every week that treated water is discharged thereafter with a minimum five (5) day separation between consecutive sampling events.

1. The flow rate shall not exceed 100 gallons per minute.

2. Sample the discharge for the parameters listed in Attachment B.

Discharge shall cease and the Office shall be notified immediately if any of the contaminates listed, are found in the effluent above the limits listed in Attachment B. At a minimum, the notification shall include a summary of total flow, operation and maintenance activities, and any laboratory results from the last time the carbon filters were replaced to the present. Also, the notification shall include a description of the steps that have or will be taken to prevent future violations, as well as justification as to the appropriateness of such steps. Written documentation of the immediate notification required above shall be submitted to the Office within five (5) days.

The discharge may recommence once steps have been taken to ensure the limits will not be exceeded again, and following approval by DEM. At a minimum, these steps shall include replacement of the first activated carbon filter.

3. All monitoring results (required as well as any additional data collected) obtained during the previous month must be received by the Rhode Island Department of Environmental Management, Office of Water Resources within fifteen (15) days of the completion of the monitoring period. The monitoring period extends from the first day of the month to the last day of the month.
4. Monitoring for the presence of volatile and semi-volatile organic compounds (VOCs and SVOCs), and Total Petroleum Hydrocarbons (TPH) at the influent and midpoint sample locations of the granular activated carbon (GAC) units shall be performed once for each weekly period of discharge. These locations shall be sampled for the parameters listed in Attachment B.

5. The pH of the effluent shall not be less than 6.5 nor greater than 8.5 standard units (SU) at any time, unless these values are exceeded due to natural causes or as a result of the approved treatment processes.

6. All monitoring required by this Order of Approval shall be done in accordance with the sampling and analytical testing procedures specified in Federal Regulations at 40 CFR Part 136.

V. This Order of Approval does not exempt the applicant from any additional requirements of the City of Newport, or any other State or local agency.
A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning effective date of the Order and lasting three (3) months after the initiation of the discharge, the permittee is authorized to discharge from outfall serial number 001A.

Such discharges shall be limited and monitored by the permittee as specified below:

<table>
<thead>
<tr>
<th>Effluent Characteristic</th>
<th>Discharge Limitations</th>
<th>Monitoring Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quantity - lbs./day</td>
<td>Concentration - specify units</td>
</tr>
<tr>
<td>Flow</td>
<td>Average Monthly</td>
<td>Maximum Daily</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chloroform</td>
<td>Monthly Average</td>
<td>Weekly 5.0 µg/l</td>
</tr>
<tr>
<td>Total Petroleum Hydrocarbons (TPH)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

--- Signifies a parameter which must be monitored and data must be reported; no limit has been established at this time.

1 One (1) sample shall be taken upon treatment system startup and initiation of discharge, on the third day of discharge, and on the fifth day of discharge. Thereafter, samples shall be taken at a frequency of once every week with a minimum five (5) day separation between consecutive sampling events.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: Outfall 001A. (The discharge from the dewatering treatment system).
### Parameter | Monthly Average | Weekly Average | Daily Maximum | Units | Frequency | Sample Type
---|---|---|---|---|---|---
Flow | --- | ******* | (100) | gpm | Continuous | Totalizer
Chloroform | 5.0 | ******* | (5.0) | µg/l | 1/ Week¹ | Grab
TPH | --- | ******* | (1.0) | mg/l | 1/ Week¹ | Grab

--- Signifies a parameter which must be monitored and data must be reported; no limit has been established at this time.

¹ Values in Parentheses are effluent limits.

---

¹ One (1) sample shall be taken upon treatment system startup and initiation of discharge, on the third day of discharge, and on the fifth day of discharge. Thereafter, samples shall be taken at a frequency of once every week with a minimum five (5) day separation between consecutive sampling events.

---

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein: and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment (see 18 U.S.C. sec. 1001 and 33 U.S.C. sec. 1319).

---

Name/Title Printed ___________________________ Signature ___________________________ Date ___________________________ Phone ___________________________
August 11, 2006

Mr. Jeffrey P. Crawford  
Principal Environmental Scientist  
Rhode Island Department of Environmental Management  
235 Promenade Street  
Providence, RI 02908-5767

RE: Conceptual Mitigation Plan Addendum  
Touro Synagogue Visitor’s Center Project  
50-52 Spring Street  
Newport, Rhode Island

Dear Mr. Crawford:

The purpose of this letter is to present an Addendum to the May 2006 Conceptual Mitigation Plan (CMP) for the above-referenced site. Fuss & O’Neill, Inc. (Fuss & O’Neill) is submitting this CMP Addendum on behalf of the property owner, the Congregation Jeshuat Israel. We have prepared this CMP Addendum, pursuant to our communications with you.

As we discussed, due to architectural and design considerations, the elevation of portions of the proposed building foundation will be below the seasonal high water table. The portion of the basement with restrooms and the elevator assembly will be constructed at a lower elevation than the basement area proximal to Spring Street. To address the elevation issue, Fuss & O’Neill has teamed with the developer, Continental Group, and their architect, Newport Collaborative Architects, to design a solution.

The plan to install a liquid- and vapor-proof barrier beneath the new foundation has not changed from the RIDEM-approved CMP. The portion of the foundation closest to the Spring Street and the area of concern, as well as the area beneath the pedestrian plaza will be constructed with the liquid-proof, vapor-proof barrier and the sub-slab ventilation system. This ventilation system will perform as an interceptor for potential compounds of concern that could migrate to the site dissolved in groundwater. As such, the sub-slab ventilation system will mitigate potential impacts to the building. A conceptual sketch of the foundation cross section showing proposed site preparation and construction details are provided as Figure 3 - Revised.
Mr. Jeffrey Crawford  
August 11, 2006  
Page 2

The portions of the building distal from Spring Street will be constructed with the Laurencor Waterproofing Membrane, in accordance with the RIDEM-approved CMP. The portions of the proposed foundation that may extend below the seasonal high water table will not be constructed with sub-slab ventilation. The liquid-proof and vapor-proof barrier will extend, uninterrupted, to above the water table on all exterior surfaces around the perimeter of the new building foundation. A plan depicting the Proposed Basement Layout is provided as Figure 4.

Please call or email if you would like additional information. We look forward to working with you during the completion of this project.

Sincerely,

[Signature]

David JP Foss  
Senior Hydrogeologist

Attachments:  Revised Figure 3 – Proposed Mitigation Detail  
Figure 4 – Proposed Basement Layout

cc:  Z. Rutan, Continental Group  
Touro Synagogue
LETTER OF RESPONSIBILITY

Mr. Edward Rutan
The Continental Group
66 Middlebush Road
Wappingers Falls, New York 12590

June 5, 2006

CERTIFIED MAIL

RE: Touro Synagogue Visitor's Center Project
50-52 Spring Street, Newport R.I.
Mitigation Plan
Case #2006-049

Dear Mr. Rutan:

On February 24, 2004, the Rhode Island Department of Environmental Management (the Department) enacted the amended Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases, (the Remediation Regulations). The purpose of these regulations is to create an integrated program requiring reporting, investigation and remediation of contaminated sites in order to eliminate and/or control threats to human health and the environment in an efficient manner. A Letter of Responsibility (LOR) is a preliminary document used by the Department to codify and define the relationship between the Department and a responsible party.

Please be advised of the following facts:

1. The Office of Waste Management is in receipt of a Conceptual Mitigation Plan (CMP) for the 50-52 Spring Street property in Newport, R.I., which is also known as the Touro Synagogue Visitor's Center Project (Visitor Center). The CMP was developed after the notification was received at the Department in December 2005 by the Department's Office of Compliance and Inspection (James Ball), and Emergency Response Actions were performed resulting in a report being submitted to the Department on January 27, 2006. The notification concerned the discovery of residual petroleum on standing groundwater at the base of the historic building foundation. An historical search found no apparent onsite source of the residual contamination and
the foundation was in contact with bedrock.

2. On April 11, 2006, the Department’s Office of Waste Management met with representatives of Continental Group and their consultant, Fuss & O’Neil, to discuss the options for mitigating the potential hazard and allowing for the construction to proceed on schedule.

3. The Continental Group is identified as the current owner of the property and as such the Continental Group is a Responsible Party as defined by Rule 3.60 of the Remediation Regulations.

4. The above referenced CMP calls for the installation and operation of a passive sub-slab ventilation system and a “Laurencio Waterproofing Membrane”, as part of the Visitor Center construction that shall eliminate any potential for vapors entering the basement.

5. Based on the information presented in the notification, the Department concurs that a release of hazardous substances and/or petroleum has occurred as defined by Rules 3.29, 3.51 and 3.54 of the Remediation Regulations.

As a result of the information known and the conditions observed at the site, the Department requests that you comply with the following:

1. Conduct Public Notification to abutters in accordance with Rules 7.07 and 7.09 of the Remediation Regulations on or before June 30, 2006 and forward copies of each notification to the Department.

2. As part of the abovementioned public notification submission, remit to the Department the Remedial Action Approval Application Fee (RAAA Fee) and pursuant to Rule 10.02 of $ 1000.00 dollars in check form made out to “General Treasurer-State of Rhode Island”.

3. Upon completion of all installation work for the sub-slab passive venting system and the waterproof membrane, submit a Short Term Response/Closure Report, Rule (6.09) inclusive of any disposal documentation. Also, include a draft Environmental Land Usage Restriction (ELUR) and Soil Management Plan (SMP) for review and approval by the Department.

4. Upon review and approval of the ELUR and SMP, please record these documents in the Land Evidence Records for the City of Newport and forward a recorded copy back to the Department within 15 days, as outlined in Section 8.09 of the Remediation Regulations, of the recording. Upon receipt of the recorded copy, the Department will issue a No Further Remedial Action letter for the property.
Please be advised that The Continental Group is responsible for the proper investigation and, if necessary, remediation of hazardous substances and/or petroleum at this site. Furthermore, as stated above in Item #1, The Continental Group must immediately notify abutting property owners and tenants that a release and subsequent short-term response is about to occur pursuant to the Remediation Regulations. The notice should briefly indicate the remedial actions that are going to be taken. Failure to comply with any of the aforementioned laws and regulations may result in enforcement actions as specified in Rhode Island General Law 23-19.1-17 and 23-19.1-18.

Please forward the aforementioned requested information under Items # 1 and 2 no later than June 30, 2006. If you have any questions regarding this letter or would like the opportunity to meet with Department personnel, please contact me by telephone at (401) 222-2792, extension x7102 or by e-mail at Jeff.Crawford@dem.ri.gov.

Sincerely,

[Signature]
Jeffrey Crawford
Principal Environmental Scientist
Office of Waste Management

cc: Kelly Owens, Supervising Engineer OWM
June 9, 2006

Neill F. & Diane C. Coffee  
Spring & Touro Streets  
Newport, RI 02840

RE: Public Notice Letter  
50-52 Spring Street  
Newport, RI  
RIDEM Case #2006-049

Dear Sir or Madam:

This letter has been prepared in accordance with Sections 7.07 and 7.09 of the Rhode Island Department of Environmental Management (RIDEM) Remediation Regulations. The purpose of this letter is to inform you that Fuss & O’Neill Inc. (an environmental engineering firm), on behalf of the Continental Group, has conducted environmental assessment activities at the above-referenced property located at 50-52 Spring Street in Newport. Site investigation has been performed to characterize the extent of regulated compounds in soil and groundwater.

Based on the results of site investigation activities performed and in accordance with the RIDEM approval, mitigation measures will be implemented during the construction of a proposed building on the site to address the presence of petroleum compounds in the subsurface. If you require more information or have specific comments or questions regarding this project, please contact Mr. David Foss of Fuss & O’Neill at 401-861-3070 extension 4579 or Mr. Jeffrey Crawford of the RIDEM Office of Waste Management at 401-222-2797 extension 7102.

Sincerely,

[Signature]

David J.P. Foss  
Senior Hydrogeologist

cc: Mr. Jeffrey Crawford, RIDEM  
Continental Group
LETTER OF RESPONSIBILITY (Revised)

Mr. Michael Balaban
Congregation Jeshuat Israel
85 Touro Street
Newport, Rhode Island 02840

CERTIFIED MAIL

RE: Touro Synagogue Visitor’s Center Project
50-52 Spring Street, Newport R.I.
Mitigation Plan
Case #2006-049

June 13, 2006

Dear Mr. Balaban:

On February 24, 2004, the Rhode Island Department of Environmental Management (the Department) enacted the amended Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases, (the Remediation Regulations). The purpose of these regulations is to create an integrated program requiring reporting, investigation and remediation of contaminated sites in order to eliminate and/or control threats to human health and the environment in an efficient manner. A Letter of Responsibility (LOR) is a preliminary document used by the Department to codify and define the relationship between the Department and a responsible party.

Please be advised of the following facts:

1. The Office of Waste Management is in receipt of a Conceptual Mitigation Plan (CMP) for the 50-52 Spring Street property in Newport, R.I., which is also known as the Touro Synagogue Visitor’s Center Project (Visitor Center). The CMP was developed after the notification was received at the Department in December 2005 by the Department’s Office of Compliance and Inspection (James Ball), and Emergency Response Actions were performed resulting in a report being submitted to the Department on January 27, 2006. The notification concerned the discovery of residual petroleum on standing groundwater at the base of the historic building foundation. An historical search found no apparent onsite source of the residual contamination and
the foundation was in contact with bedrock.

2. On April 11, 2006, the Department's Office of Waste Management met with representatives of Continental Group and their consultant, Fuss & O'Neil, to discuss the options for mitigating the potential hazard and allowing for the construction to proceed on schedule.

3. The Congregation Jeshuat Israel is identified as the current owner of the property and as such the Congregation Jeshuat Israel is a Responsible Party as defined by Rule 3.60 of the Remediation Regulations.

4. The above referenced CMP calls for the installation and operation of a passive sub-slab ventilation system and a "Laurenco Waterproofing Membrane", as part of the Visitor Center construction that shall eliminate any potential for vapors entering the basement.

5. Based on the information presented in the notification, the Department concurs that a release of hazardous substances and/or petroleum has occurred as defined by Rules 3.29, 3.51 and 3.54 of the Remediation Regulations.

As a result of the information known and the conditions observed at the site, the Department requests that you comply with the following:

1. Conduct Public Notification to abutters in accordance with Rules 7.07 and 7.09 of the Remediation Regulations on or before June 30, 2006 and forward copies of each notification to the Department.

2. As part of the abovementioned public notification submission, remit to the Department the Remedial Action Approval Application Fee (RAAA Fee) and pursuant to Rule 10.02 of $ 1000.00 dollars in check form made out to "General Treasurer-State of Rhode Island".

3. Upon completion of all installation work for the sub-slab passive venting system and the waterproof membrane, submit a Short Term Response/Closure Report, Rule (6.09) inclusive of any disposal documentation. Also, include a draft Environmental Land Usage Restriction (ELUR) and Soil Management Plan (SMP) for review and approval by the Department.

4. Upon review and approval of the ELUR and SMP, please record these documents in the Land Evidence Records for the City of Newport and forward a recorded copy back to the Department within 15 days, as outlined in Section 8.09 of the Remediation Regulations, of the recording. Upon receipt of the recorded copy, the Department will issue a No Further Remedial Action letter for the property.

Touro Synagogue Visitor Center
Newport, RI
Page 2
Please be advised that the Congregation Jeshuat Israel is responsible for the proper investigation and, if necessary, remediation of hazardous substances and/or petroleum at this site. Furthermore, as stated above in Item #1, the Congregation Jeshuat Israel must immediately notify abutting property owners and tenants that a release and subsequent short-term response is about to occur pursuant to the Remediation Regulations. The notice should briefly indicate the remedial actions that are going to be taken. Failure to comply with any of the aforementioned laws and regulations may result in enforcement actions as specified in Rhode Island General Law 23-19.1-17 and 23-19.1-18.

Please forward the aforementioned requested information under Items # 1 and 2 no later than June 30, 2006. If you have any questions regarding this letter or would like the opportunity to meet with Department personnel, please contact me by telephone at (401) 222-2792-extension x7102 or by e-mail at Jeff.Crawford@dem.ri.gov.

Sincerely,

Jeffrey Crawford
Principal Environmental Scientist
Office of Waste Management

cc: Kelly Owens, Supervising Engineer OWM
June 14, 2006

Mr. Neill F. Coffey  
60 Sachuest Way  
Middletown, RI 02842

RE: Public Notice Letter  
50-52 Spring Street  
Newport, RI  
RIDEM Case #2006-049

Dear Sir or Madam:

This letter has been prepared in accordance with Sections 7.07 and 7.09 of the Rhode Island Department of Environmental Management (RIDEM) Remediation Regulations. The purpose of this letter is to inform you that Fuss & O'Neill Inc. (an environmental engineering firm), on behalf of the Continental Group, has conducted environmental assessment activities at the above-referenced property located at 50-52 Spring Street in Newport. Site investigation has been performed to characterize the extent of regulated compounds in soil and groundwater.

Based on the results of site investigation activities performed and in accordance with the RIDEM approval, mitigation measures will be implemented during the construction of a proposed building on the site to address the presence of petroleum compounds in the subsurface. If you require more information or have specific comments or questions regarding this project, please contact Mr. David Foss of Fuss & O'Neill at 401-861-3070 extension 4579 or Mr. Jeffrey Crawford of the RIDEM Office of Waste Management at 401-222-2797 extension 7102.

Sincerely,

[Signature]
David J.P. Foss  
Senior Hydrogeologist

cc: Mr. Jeffrey Crawford, RIDEM  
Mr. Ziggy Rutan, Continental Group
Conceptual Mitigation Plan
Touro Synagogue Visitor's Center Project
50-52 Spring Street, Newport, Rhode Island

Continental Group
Wappingers Falls, New York

May 2006

Fuss & O'Neill
The Foundry Corporate Office Center
275 Promenade Street, Suite 350
Providence, Rhode Island 02908
# CONCEPTUAL MITIGATION PLAN
Continental Group

## TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>2.0 BACKGROUND</td>
<td>1</td>
</tr>
<tr>
<td>3.0 MITIGATION PLAN</td>
<td>2</td>
</tr>
<tr>
<td>3.1 Site Preparation</td>
<td>2</td>
</tr>
<tr>
<td>3.2 Foundation Construction</td>
<td>2</td>
</tr>
<tr>
<td>3.3 Building Construction</td>
<td>3</td>
</tr>
<tr>
<td>4.0 MATERIAL MANAGEMENT</td>
<td>3</td>
</tr>
<tr>
<td>4.1 Groundwater</td>
<td>4</td>
</tr>
<tr>
<td>4.2 Soil</td>
<td>4</td>
</tr>
<tr>
<td>4.3 Concrete / Rock</td>
<td>4</td>
</tr>
</tbody>
</table>

## FIGURES

1. SITE LOCATION MAP
2. SITE PLAN AND SAMPLING LOCATIONS
3. PROPOSED MITIGATION DETAIL

F:\P2005\1333\A10\Conceptual Mitigation Plan\Mitigation_Plan_RRK050806.doc
1.0 INTRODUCTION

Fuss & O’Neill has been retained by the Continental Group to develop a conceptual mitigation plan for petroleum-impacted groundwater encountered in a basement sump and adjacent foundation during a building demolition and reconstruction project at 50-52 Spring Street in Newport, Rhode Island (subject site). The purpose of this Plan is to address potential concerns associated with potential human exposure to petroleum-impacted media during and after the construction project and potential vapor intrusion hazards to future building occupants.

2.0 BACKGROUND

The subject site, the proposed location of the Visitor’s Center for the adjacent Touro Synagogue, is an approximately 0.06-acre rectangular-shaped parcel located along the east side of Spring Street in a mixed residential and commercial zone of Newport, Rhode Island (Newport County). A portion of a United States Geological Survey (USGS) topographic map showing the location of the subject site is attached as Figure 1.

The subject site is currently unoccupied. The site formerly contained a commercial building with second-story residential units. The former building was demolished during 2005 to make way for the proposed visitor’s center, leaving only the former building foundation. On December 9, 2005, Fuss & O’Neill received a telephone call from Mr. Edward ‘Ziggy’ Rutan of the Continental Group indicating that petroleum was observed on standing groundwater located in the building foundation.

Fuss & O’Neill subsequently notified the Rhode Island Department of Environmental Management (RIDEM) of the release on behalf of the Continental Group and conducted a response action to determine the source of the petroleum. As indicated in Fuss & O’Neill’s Emergency Response Actions report submitted to RIDEM on January 27, 2006, historical research and a test pit investigation conducted following the release notification revealed no apparent on-site source for the observed petroleum release. The existing building foundation bottom was observed to be in direct contact with bedrock, with no significant overburden soils beneath the former building foundation. A site plan showing sampling locations is provided as Figure 2.

Fuss & O’Neill and Continental group personnel met with Mr. Jeff Crawford of RIDEM on April 11, 2006 to discuss potential mitigation measures to address exposure concerns associated with building construction and future occupancy over the area of observed groundwater impacts. A consensus was reached at the meeting that a conceptual mitigation plan would be developed and submittal to RIDEM for approval to allow construction to proceed.
3.0 MITIGATION PLAN

Construction plans for the Touro Synagogue Visitor’s Center call for removal of a portion of the existing building foundation, as necessary to reach the appropriate base elevation for the new building foundation. Discovery of petroleum-impacted groundwater at the site has resulted in modification of the construction plans to allow for installation of a vapor barrier and a passive sub-slab venting system to protect future building occupants from potential exposure associated with the observed petroleum impacts. Activities to be conducted during the site preparation, foundation construction, and post-construction phases of the Visitor’s Center project are discussed in the following sections. A conceptual sketch of the foundation cross section showing proposed site preparation and construction details are provided as Figure 3.

3.1 Site Preparation

At the present time, groundwater is present above the floor slab over approximately the western one-third of the former building foundation, while approximately the eastern two-thirds of the foundation area is above the water table. The following activities will be conducted to prepare the site for installation of the new building foundation:

- The existing foundation floor and underlying bedrock will be chip-hammered to the level of the existing water table. Concrete and rock chips generated during this process are not anticipated to be impacted by petroleum and will be handled and disposed of as construction and demolition debris, in accordance with typical protocols. If obvious petroleum contamination is observed, these materials will be managed in accordance with protocols in Section 4.3.

- Groundwater collected within the western portion of the existing foundation which exhibits gross petroleum impacts, i.e., separate-phase petroleum product, will be removed by pumping into a vacuum truck, followed by proper off-site disposal (see Section 4.1.

- The entire base of the existing building foundation will be filled with two-inch stone and properly compacted to an elevation at least six inches above the water table. Total stone depths are anticipated to range from six inches at the eastern portion of the foundation to approximately eighteen inches at the western end of the foundation.

3.2 Foundation Construction

Once the base has been prepared, the following activities will be conducted as part of new foundation construction:

- A complete header and lateral system constructed of four-inch perforated PVC will be installed within the top six inches of the stone base discussed in Section 3.1
beneath the entire footprint of the proposed foundation. Headers will be installed along all four sides of the existing foundation wall, with laterals oriented east to west and tied into the headers at four-foot intervals along the eastern and western ends. Header vent piping will be extended vertically to surrounding grade at appropriate locations.

- A filter fabric cloth will be installed above the surface of the stone, followed by a ¼-inch protective board with taped joints.

- The protective board will be covered by a “Laurenco Waterproofing Membrane”, which will completely cover the protection board and will extend a minimum of two feet up the existing foundation walls at each of the edges.

- A two-inch concrete “rat slab” will be installed over the Laurenco membrane to protect the membrane from subsequent overlying construction activities. The footings and foundation for the proposed Visitor’s Center will be constructed above the rat slab in accordance with local building codes.

- Following completion of the new foundation, additional pieces of the Laurenco membrane will be glued to the two-foot overlap and extended vertically to surrounding grade. Protective board will be adhered to the outside of the membrane where potential exposure to damage is anticipated.

3.3 Building Construction

Construction of the Visitor’s Center will be completed in the typical fashion, in accordance with local building codes and the building permit for the project issued by the City of Newport, with the following modifications to accommodate the sub-slab mitigation measures:

- Vent piping from the header manifold will be extended through the upper portion of the foundation wall and directed upward through the building to the roof, where it will be terminated with a spinning vent cap to facilitate passive venting of the sub-slab venting system.

4.0 MATERIAL MANAGEMENT

During site preparation and construction activities, the potential exists that soil, groundwater, rock, and/or concrete impacted by petroleum may be encountered. Protocols to be utilized for handling and characterization of these materials are discussed in the following sections.
4.1 Groundwater

During the Visitor's Center construction project, contact with petroleum-impacted groundwater is most likely during the site preparation phase, prior to emplacement of the stone base over the bedrock and the existing foundation floor slab. The presence of minor amounts of groundwater within the base of the existing foundation is not anticipated to have an effect on emplacement of the stone base; therefore, dewatering or other groundwater handling is not anticipated to be necessary.

If, however, a measurable thickness of separate-phase petroleum product is observed on the groundwater surface at the time of base preparation, removal of this grossly-impacted groundwater and petroleum product will be necessary. Any measurable separate-phase petroleum and associated groundwater will be removed from the existing foundation using a vacuum truck and properly disposed of off-site prior to emplacement of the stone base material.

4.2 Soil

Contact with petroleum-impacted soil is not anticipated during the Visitor's Center construction project. Completion of a test pit investigation as part of the emergency response activities in December 2005 detected no evidence of overburden soil beneath the floor slab of the existing foundation, and no evidence of petroleum-impacted soil on-site outside of the existing foundation.

Nevertheless, if saturated soil is encountered during construction activities, such soil will be sampled in-situ or representatively sampled from a stockpile. Soil samples will be characterized for the presence of petroleum hydrocarbons and volatile organic compounds. If analytical results indicate no contaminant impacts, soil will be re-used on-site as necessary or disposed of off-site as clean fill. If the soil is found to be impacted by these compounds at concentrations above applicable regulatory criteria, such soil will be disposed of off-site at an appropriate landfill or other licensed disposal facility.

4.3 Concrete / Rock

During emergency response activities in December 2005, the concrete floor slab of the existing building foundation was not observed to be stained by petroleum. Although this concrete is not anticipated to have been significantly affected by contact with petroleum-impacted groundwater, the potential exists that petroleum residue may be present on such concrete. Therefore, any waste concrete deemed to have been in contact with site groundwater exhibiting petroleum impacts will be disposed of off-site at an appropriate recycling facility. Concrete above the seasonal high water table may be disposed of as clean fill, in accordance with State regulations.
MAP REFERENCE:
THIS MAP WAS PREPARED FROM THE FOLLOWING
7.5 MINUTE SERIES TOPOGRAPHIC MAP:
NEWPORT, RHODE ISLAND, 1957 REVISED 1975

Rhode Island
Quadrangle Location

CONCENTRATED GROUP
SITE LOCATION MAP
50-52 SPRING STREET

FIGURE 1
SPRING STREET

NEW FOUNDATION

"RAT SLAB" 2-INCH MIN.

"LAURENCO WATERPROOFING MEMBRANE"

1/4-INCH PROTECTIVE BOARDS

FILTER FABRIC

WATER LEVEL
(SEASONAL HIGH)

EXISTING CONCRETE SLAB

2-INCH STONE

4-INCH PERFORATED PVC
PIPC / HEADER SYSTEM
4 FEET ON CENTER

CONTINENTAL GROUP
PROPOSED MITIGATION DETAIL
50-52 SPRING STREET

FUSS & O'NEILL
Disciplines to Deliver

375 PROMENADE STREET, SUITE 300, PROVIDENCE, RI 02908
401.861.3010 www.fuso.com

NEWPORT
RHODE ISLAND
January 27, 2006

Mr. James Ball
Rhode Island Department of Environmental Management
235 Promenade Street
Providence, Rhode Island 02908

Re: Emergency Response Actions
50-52 Spring Street
Newport, Rhode Island

Dear Mr. Ball:

Fuss & O’Neill, Inc. (Fuss & O’Neill), on behalf of the Continental Group, conducted emergency response actions after a petroleum sheen on water was reported in the basement of the property located at 50-52 Spring Street in Newport, Rhode Island (subject site).

Fuss & O’Neill sufficiently investigated the subject site, including thorough historical research and on-site field investigation activities, and determined that no on-site source for the petroleum sheen existed or formerly existed at the subject site. The most likely off-property source of the petroleum release is the adjacent Coffey’s Texaco Station, where petroleum in groundwater and soil is well documented.

RELEASE NOTIFICATION

On December 9, 2005, Fuss & O’Neill received a telephone call from Mr. Edward ‘Ziggy’ Rutan of the Continental Group indicating that petroleum was observed on standing groundwater located in the basement of the subject site. The building at the subject site was in the process of being demolished and only the basement foundation remained.

Ms. Emily Scusso of Fuss & O’Neill responded to the subject site on December 10, 2005. At the time of the site visit, Ms. Scusso observed petroleum product covering infiltrated groundwater in the western portion of the basement, globules of petroleum in the groundwater, and a strong petroleum odor was present. A sump was also observed in the northwest corner of the basement. One soil sample was collected from the earthen bottom of the sump at the time of the site visit. According to Mr. Michael Balaban, the Chief Executive Officer of the Touro Synagogue, which owns the subject site, standing water was typically present in the western portion of the basement.
At the time of the site visit, Ms. Scursso observed two types of petroleum product covering the infiltrated groundwater in the western portion of the basement. One type of petroleum product was observed to be very light tan and the other type of petroleum product was dark brown. Both types of petroleum product were collected and submitted to Premier Laboratory of Dayville, Connecticut for petroleum fingerprint analysis via United States Environmental Protection Agency (EPA) Method 8100.

According to Mr. Balaban, an aboveground storage tank (AST) that contained No. 2 heating oil had been located in the basement of the subject site and had been removed at the time of the building's demolition. No petroleum leaks or petroleum staining was ever observed in the basement of the building. To the best of Mr. Balaban's knowledge, no USTs had ever been located at the subject site. Ms. Scursso observed no evidence of petroleum staining on the walls or floors in the vicinity of the former AST. At the time of the site visit, the former fill and vent pipes for the AST were observed along the northern basement wall. No petroleum staining was observed in the vicinity of the fill and vent pipes.

Mr. John Chambers and Ms. Emily Scursso of Fuss & O'Neill contacted Mr. James Ball of RIDEM at approximately 9 am on December 12, 2005 to report the potential release at the subject site. A release notification was filed at RIDEM on December 12, 2005.

**SITE OVERVIEW**

The subject site is located on the east side of Spring Street in a mixed residential and commercial zone of Newport, Rhode Island (Newport County). A portion of United States Geological Survey (USGS) topographic map showing the subject site location is provided as Figure 1.

According to City records, the subject site is an approximately 0.06-acre rectangular-shaped parcel. At the time of the response action, the only structure on the site was a building foundation for a recently demolished commercial building with second-story residential units. The subject site is currently unoccupied. A site plan is provided as Figure 2. Copies of the property description cards available at the City of Newport Tax Assessor's office are attached.

The topography of the subject site slopes toward the west. The regional topography generally slopes down to the west, toward Newport Harbor, which is located approximately 1,340 feet west of the subject site.

Surficial material at the subject site is mapped as the Newport-Urban land complex, which consisted of well drained soils located in areas of drumlins and glacial till plains of densely populated areas (USDA, 1981).
Bedrock beneath the subject site is mapped as the Rhode Island Formation (Hermes et al., 1994). Based on field observations during test pit activities conducted by Fuss & O’Neill in December 2005, depth to bedrock was approximately seven to eight feet below grade at the subject site.

The groundwater beneath the site is classified by the Rhode Island Department of Environmental Management (RIDEM) as GB (RIGIS, 1991). GB groundwater is designated to be not suitable for public or private drinking water use. GB groundwater areas are typically located beneath highly urbanized areas, permanent waste disposal areas and the area immediately surrounding the permanent waste disposal areas (RIDEM, 1996).

HISTORICAL RESEARCH

In order to find potential sources of the release, the following sources were used to develop the history of the subject site and nearby sites:

<table>
<thead>
<tr>
<th>Source Reference Number</th>
<th>Information Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><em>Atlas of Newport Rhode Island</em> reviewed at the City of Newport Engineer’s Office for the years 1893, 1907, and 1921.</td>
</tr>
<tr>
<td>2</td>
<td>Key site manager, Mr. Michael Balaban. Mr. Balaban is the Chief Executive Officer of the Touro Synagogue, which owns the subject site.</td>
</tr>
<tr>
<td>3</td>
<td>Files and personnel at the City of Newport offices of the City Clerk, Engineering Department, and Planning and Zoning Department. Captain Patrick Carney of the Newport Fire Prevention Bureau was queried on January 13, 2006.</td>
</tr>
<tr>
<td>4</td>
<td>Correspondence files requested on December 20, 2005 and January 10, 2006, from the RIDEM Office of Customer and Technical Assistance.</td>
</tr>
<tr>
<td>5</td>
<td>Aerial photographs available online from the Rhode Island Geographic Information System (RIGIS) for the years 1939, 1952, 1965, 1970, 1981 and 1992 were of poor quality and visual details of the subject site and nearby properties were too difficult to distinguish.</td>
</tr>
</tbody>
</table>

The following table summarizes the history of the subject site and nearby properties as determined from the above sources.

F:\P2005\A133\VA10\EmergencyResponseLetter-011106-ecz.doc
Contract (RI)
### SITE HISTORY

<table>
<thead>
<tr>
<th>Date(s)</th>
<th>Site</th>
<th>Nearby Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>1893</td>
<td>According to the <em>Atlas of Newport Rhode Island</em>, the building located at the subject site was owned by A. Stevens and was a brick building.</td>
<td>The adjacent property to the south was owned by G. Howland and it was a wood frame building. The adjacent property to the west (present day Coffey’s property) was owned by E.A. Hassard and was occupied by stables. The properties to the north and east were residential. The Jewish Synagogue was located approximately 175 feet southeast of the subject site.</td>
</tr>
<tr>
<td>1907</td>
<td>According to the <em>Atlas of Newport Rhode Island</em>, the building located at the subject site was owned by G.B. Lawton and was a wood frame building.</td>
<td>The surrounding properties were residential.</td>
</tr>
<tr>
<td>1921</td>
<td>According to the <em>Atlas of Newport Rhode Island</em>, the building located at the subject site was owned by A. Cascambas and was a wood frame building.</td>
<td>The surrounding properties were residential.</td>
</tr>
<tr>
<td>1930</td>
<td>The building that was demolished in December 2005 was built at the subject site, according to the property description card.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>1950</td>
<td>Not applicable, no Sanborn Fire Insurance Map coverage available for the subject site.</td>
<td>According to a 1950 Sanborn Fire Insurance map reviewed by Lincoln Environmental, a gasoline filling station and bus terminal were located on the current Coffey property, adjacent to the subject site to the west. Three gasoline tanks were depicted on the Spring Street side of the property.</td>
</tr>
<tr>
<td>Dec. 13, 2005</td>
<td>According to Mr. Balaban, the subject site had always been used as a mixed commercial and residential building. Additionally, the building had been known as the “Gray’s Typewriter Building”.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>January 13, 2006</td>
<td>According to Captain Patrick Carney of the Newport Fire Prevention Bureau, no underground storage tank (UST) files or environmental files were on record for 50-52 Spring Street at the Newport Fire Prevention Bureau.</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

A deed search at the City Clerk’s office provided a record of ownership of the subject site, as summarized below:
Based on research conducted at the City of Newport Offices and an interview with the site manager, the subject site appeared to have been used as a mixed residential and commercial space for the past century. No files or information regarding former or current USTs were observed. No on-site sources of the petroleum release were observed during a review of the site history.

**TEST PIT ACTIVITIES**

On December 13, 2005, Fuss & O'Neil performed test pit activities at the subject site. The test pits were completed to evaluate if any potential on-site sources of petroleum hydrocarbons exist at the subject site. Thirteen test pits were completed throughout the entire subject site with an excavator operated by Ocean Construction.

Eleven of the thirteen test pits were completed in the basement foundation area of the recently demolished building. The basement floor was located approximately six feet below grade and occupied the majority of the parcel. The excavator hit refusal on bedrock at each of the eleven test pit locations directly beneath the concrete basement foundation slab (i.e. the slab appeared to be installed in contact with bedrock). The bedrock was observed to be dark gray slate. Since bedrock was encountered directly beneath the concrete basement foundation slab, no soil samples were collected beneath the basement slab of the subject site. Likewise, since bedrock was located directly beneath the basement foundation slab, it was unlikely that an undocumented UST would have been located beneath the former building. Groundwater was observed in the sump in the westernmost portion of the basement and two groundwater samples were collected.

In addition to the eleven test pits completed in the basement area, two test pits were completed in the easternmost portion of the subject site in a grassy area, outside of the basement footprint. Medium to coarse sand with some gravel and cobbles were observed from zero to nine feet below grade. One soil sample was collected from the most southeastern test pit, identified as TP-2. Groundwater was encountered at eight feet below grade. Bedrock refusal was encountered at nine feet below grade. No piping, petroleum odors, or petroleum-stained soil was encountered in the easternmost test pits.
ANALYTICAL RESULTS

One soil sample was collected from soil present in the sump located in the northwest corner of the basement, located approximately seven to eight feet below grade. One soil sample was collected from the most southeastern test pit, identified as TP-2 at, approximately seven to eight feet below grade. Two groundwater samples were collected from TP-3 and TP-7, both located in the western portion of the basement, approximately seven to eight feet below grade. The soil and groundwater samples were submitted to Premier Laboratory of Dayville Connecticut and analyzed for total petroleum hydrocarbons (TPH) via Method 8100 and for volatile organic compounds (VOC) via Method 8260B. The soil sampling data are summarized in Table 1 and the groundwater sampling data are summarized in Table 2. The soil and groundwater laboratory report is attached.

DATA ANALYSIS

No VOCs were detected above the laboratory reporting limit in either of the two soil samples collected. TPH was not detected above the laboratory reporting limit in the sample collected from TP-2, located in the southeastern portion of the site.

The TPH concentration of 3,500 mg/kg from the soil sample collected from the bottom of the sump in the basement exceeded the RIDEM Residential Direct Exposure Criteria (R-DEC), the Industrial/Commercial Direct Exposure Criteria (I/C-DEC), as well as the Leachability Criteria for GB groundwater areas (GB LC).

Naphthalene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene were detected above the laboratory reporting limits in the two groundwater samples collected. Furthermore, TPH was detected above the laboratory reporting limit in both groundwater samples. No RIDEM criteria existed for GB groundwater objectives for the detected VOC compounds and TPH in groundwater.

The results of the TPH fingerprint analysis indicated that No. 2 fuel oil and motor oil were the two most likely petroleum products present.

RIDEM FILE REVIEW

Since no on-site sources were identified after thorough historical research and field investigation activities, a RIDEM file review was conducted to determine if there were any likely off-property sources for the release. No files were available for the subject site, according to the RIDEM Office of Customer and Technical Assistance. According to the Environmental First Search report, the only nearby leaking underground storage
tank (LUST) property was Coffey's Texaco, which was located approximately 30 feet to the west of the subject site, on the west side of Spring Street. Correspondence files were requested for Coffey's Texaco (Coffey property) on December 20, 2005 and January 10, 2006, from the RIDEM Office of Customer and Technical Assistance.

The Coffey property had extensive documentation of soil and groundwater contamination as a result of leaking petroleum USTs. The earliest documented release at the property occurred in December 1984 when approximately 450-gallons of gasoline were released as a result of a break in a cross-over line between two 10,000-gallon gasoline USTs. As a result of the release, eight groundwater monitoring wells were installed at the property in December 1984 by Zecco, Inc. According to boring logs, the eight monitoring wells were installed in bedrock. The tops of the screens in seven of these wells, MW-1 to MW-7, were set below the water table. The eight monitoring wells were located in the eastern portion of the Coffey property, adjacent to the subject site.

In March 1994, free phase petroleum was observed in a sump located in the generator room of the Florence K. Murray Judicial Complex (Courthouse), which was located adjacent to the Coffey property to the west. By August 1994, 15 additional wells were installed on and surrounding the Coffey's property. Petroleum product was measured in six monitoring wells: MW-4, MW06, MW-9, MW-10, MW-15, and MW-17.

Of the twenty-three monitoring wells located on or adjacent to the Coffey's property, only one monitoring well, MW-18, was not installed in bedrock. Additionally, of the monitoring wells in the area, MW-18 was located in the closest proximity to the subject site, approximately seven feet west of the subject site on Spring Street. According to the January 1995 Source Identification Report for Florence K. Murray Judicial Complex (Courthouse) prepared by Lincoln Environmental, Inc. (Lincoln), during the installation of MW-18, soil was field screened with a photoionization detector (PID). PID readings as high as 618 parts per million (ppm) were obtained from soil samples collected from the boring for MW-18.

During the installation of the monitoring wells, Lincoln observed occasional seams of a more permeable material within the slate bedrock during boring operations. According to Lincoln, the seams of permeable material may have provided preferential pathways for fluid and contaminant migration. In addition to the permeable seams observed in bedrock, additional potential migration pathways in the vicinity included electric, gas, water, and telephone subsurface utilities lines as identified by Lincoln in the area surrounding the Coffey property.

Lincoln noted that groundwater flowed in a northwesterly direction across the Coffey property, but the flow became more westerly on the western side of Courthouse Street.
Mr. James Ball  
January 27, 2006  
Page 8

An approximate four foot drop in groundwater level over 25 feet was reported across Courthouse Street. According to Lincoln, the bedrock dipped sharply to the east, and as a result, groundwater mounding was present. This data suggest a relatively complex and dynamic groundwater flow regime in the vicinity of the site.

Four USTs were removed at the Coffey property between September 21 and 22, 1994, which included one 1,000-gallon waste oil UST, one 1,000-gallon No. 2 fuel oil UST, and two 4,000-gallon gasoline USTs. The 1,000-gallon No. 2 fuel oil UST was located approximately 35 feet west of the subject site. According to a RIDEM Inter-Office Memorandum dated September 23, 1994, the following observations were made regarding the four removed USTs:

- 1,000-gallon waste oil UST – Moderate to severe corrosion, three holes, and separate phase petroleum product floating on groundwater located in the tank grave.
- 1,000-gallon No. 2 heating oil UST – Moderate to severe corrosion, three holes found in the bottom end of the UST, and separate phase petroleum product floating on groundwater located in the tank grave.
- 4,000-gallon gasoline UST – The bottom of the UST was heavily pitted and severely corroded on the bottom, no holes, soil saturated with petroleum, and free phase petroleum product present on groundwater located in the tank grave.
- 4,000-gallon gasoline UST – Moderate to severe corrosion, tank was heavily pitted, several screws were penetrating through the bottom of the UST from inside, soil saturated with petroleum, and groundwater was completely covered by free phase petroleum product in the tank grave.

CONCLUSIONS

The petroleum release in groundwater was concentrated in the western portion of the subject site. Petroleum detected in laboratory analyzed groundwater and soil samples collected from the western portion of the site were characterized as No. 2 heating oil and motor oil.

Extensive research and subsurface investigations were conducted to rule out on-site sources for the two types of petroleum identified at the site. A substantial release of similar types of petroleum at the neighboring Coffey property is well documented. However, the groundwater flow regime and extent of contamination emanating from the Coffey property has not been sufficiently characterized.

Based on a preliminary review, Fuss & O’Neill has identified the following hydrogeologic concerns that were not sufficiently characterized to determine the full
extent of the past releases at the Coffey property, and particularly the extent of petroleum contamination that has migrated from the Coffey property to the sump at the subject site.

1. ** Preferential Pathways ** – Potential preferential migration pathways were identified including seams of permeable material identified in bedrock as well as nearby sub-surface utility lines. The fate and transport of contaminants for the Coffey property was not fully characterized.

2. ** Monitoring Well Construction ** – Seven monitoring wells installed at or near the Coffey property were screened beneath the water table, and as such, may not intersect floating hydrocarbons if present. The interaction of groundwater flow in the overburden and bedrock was not characterized sufficiently.

3. ** MW-18 ** – High PID readings of up to 618 ppm were obtained from soil collected from the boring of MW-18, which is located approximately seven feet from the subject site to the west. These readings suggest that the eastern extent of petroleum contamination emanating from the Coffey property has not been determined.

4. ** Groundwater Flow ** – An unusual four foot drop in head was identified by Lincoln over a twenty-five foot distance west of the subject site. Groundwater mounding was also documented at the nearby Courthouse property located to the west of the subject site. This data suggests an extremely dynamic groundwater flow regime that has not been adequately characterized.

5. ** Sump Pumps / Remediation Systems ** – Due to the shallow water table, a pump in the sump was used at the subject site and potentially at nearby properties. Groundwater extraction from sumps has the potential to impact localized groundwater flow. Additionally, a total fluids extraction and treatment system at place at the Courthouse and Coffey properties could influence localized groundwater flow. The potential impacts of groundwater extraction on groundwater flow and contamination migration at the site were not evaluated.
In conclusion, the most likely source of the petroleum release at 50-52 Spring Street is the multiple petroleum releases at the nearby Coffey property. Fuss & O'Neill, on behalf of the Continental Group, requests that the responsible party for the Coffey's release be required to conduct further response actions to assess and remediate the release at 50-52 Spring Street.

Sincerely,

Emily C. Scrusso
Hydrogeologist

John A. Chambers, PG, LSP
Associate Hydrogeologist

Attachments:  Figure 1
                Figure 2
                Property Description Card
                Table 1
                Table 2
                Laboratory Analytical Report
MAP REFERENCE:
THIS MAP WAS PREPARED FROM THE FOLLOWING
7.5 MINUTE SERIES TOPOGRAPHIC MAP:
NEWPORT, RHODE ISLAND, 1907 REVISED 1975

SITE LOCATION
**CURRENT OWNER**
ONGREGATION JERUSALEM.

**TOPO. UTILITIES STRT./ROAD LOCATION**

**SUPPLEMENTAL DATA**
Account #: 04474
TOTAL CONDO
COMM LND
COMMRCI
PRECINCT
HEART
FEEZER
PHOTO
4467

**RECORD OF OWNERSHIP**
GIS ID:
ONGREGATION JERUSALEM.
Bk-Vol/Page: 827/241
Sale Date: 10/01/1995

**PREVIOUS ASSESSMENTS (HISTORY)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Code</th>
<th>Assessed Value</th>
<th>Yr. Code</th>
<th>Assessed Value</th>
<th>Yr. Code</th>
<th>Assessed Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2065</td>
<td>0400</td>
<td>90,300 2004</td>
<td>0400</td>
<td>90,300 2004</td>
<td>0400</td>
<td>90,300 2004</td>
</tr>
<tr>
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<td>0400</td>
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<td>0400</td>
<td>205,300 2004</td>
<td>0400</td>
<td>205,300 2004</td>
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<tr>
<td>2067</td>
<td>0400</td>
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**EXEMPTIONS**

**OTHER ASSESSMENTS**

<table>
<thead>
<tr>
<th>Year</th>
<th>Type/Description</th>
<th>Amount</th>
<th>Code</th>
<th>Description</th>
<th>Number</th>
<th>Amount</th>
<th>Cxons lnd.</th>
</tr>
</thead>
</table>

**NOTES**

MIXED USE=APT 67%, R1 33%
VACANT-RTL 1ST FLOOR
2ND FL.=2 3RD APTS

**BUILDING PERMIT RECORD**

<table>
<thead>
<tr>
<th>Permit ID</th>
<th>Issue Date</th>
<th>Type</th>
<th>Description</th>
<th>Amount</th>
<th>Imp. Date</th>
<th>% Comp.</th>
<th>Date Comp.</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/29/2002</td>
<td>RT 41</td>
<td>Hearing Change</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>9/4/2001</td>
<td>BH 01</td>
<td>Measure &amp; Visit</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**LAND LINE VALUATION SECTION**

<table>
<thead>
<tr>
<th>Use Code</th>
<th>Description</th>
<th>Zone</th>
<th>Frontage</th>
<th>Depth</th>
<th>Units</th>
<th>Unit Price</th>
<th>I Factor</th>
<th>S. I. C. Factor</th>
<th>% Adj.</th>
<th>Adj. Notes-Adj/Special Pricing</th>
<th>Adj. Unit Price</th>
<th>Land Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0444</td>
<td>MIXED USE</td>
<td>GB</td>
<td></td>
<td></td>
<td>1,628</td>
<td>20,57</td>
<td>1.67</td>
<td>1.00</td>
<td>1.00</td>
<td>Notes-Adj/Special Pricing</td>
<td>34.35</td>
<td>90,300</td>
</tr>
</tbody>
</table>

Total Card Land Units: 2,628 SF
Parcel Total Land Area: 2,628 SF

Total Land Value: 90,300
## Table 1
### Soil Analytical Results
#### Summary of Detected Parameters in Soil Collected on December 10 and 13, 2005
50-52 Spring Street
Newport, Rhode Island
Prepared for the Continental Group
January 2006

<table>
<thead>
<tr>
<th>Sample Location</th>
<th>Sump</th>
<th>TP-2</th>
<th>Regulatory Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Number</td>
<td>-03</td>
<td>-05</td>
<td></td>
</tr>
<tr>
<td>Sample Depth (feet)</td>
<td>7-8</td>
<td>7-8</td>
<td></td>
</tr>
<tr>
<td>Sample Date</td>
<td>12/10/2005</td>
<td>12/13/2005</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VOCs (via method 8260B)</th>
<th>Units</th>
<th>Regulatory Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Various</td>
<td>μg/kg</td>
<td>ND</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ND</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TPH (via method 8100)</th>
<th>mg/kg</th>
<th>Regulatory Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>C10-C28 Alkane Range (No. 2 fuel oil)</td>
<td>1,000</td>
<td>ND&lt;11 NE NE NE</td>
</tr>
<tr>
<td>C16-C36 Alkane Range (motor oil)</td>
<td>2,500</td>
<td>ND&lt;11 NE NE NE</td>
</tr>
<tr>
<td>Total TPH</td>
<td>3,500</td>
<td>ND&lt;11 500 2,500 2,500</td>
</tr>
</tbody>
</table>

NOTES:
- VOCs = volatile organic compounds
- TPH = total petroleum hydrocarbons
- mg/kg = milligrams per kilogram
- μg/kg = micrograms per kilogram
- Bold and shaded values exceed one or more of the listed regulatory criteria
- Only the last two digits of the sample numbers are listed
- R-DEC = Residential Direct Exposure Criteria
- I/C-DEC = Industrial/Commercial Direct Exposure Criteria
- GB LC = Leachability Criteria for GB groundwater areas
- NE = Not established
- ND < # = Not detected above laboratory reporting limit #

Created by: ECS
Reviewed by: BEK
Table 2
Groundwater Analytical Results
Summary of Detected Parameters in Groundwater
Collected on December 13, 2005
50-52 Spring Street
Newport, Rhode Island
Prepared for the Continental Group
January 2006

<table>
<thead>
<tr>
<th>Sample Location</th>
<th>TP-3</th>
<th>TP-7</th>
<th>GB Groundwater Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Number</td>
<td>-06</td>
<td>-08</td>
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<tr>
<td>Approximate Sample Depth (feet)</td>
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<td>7.8</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sample Date</th>
<th>12/13/2005</th>
<th>12/13/2005</th>
<th>Regulatory Criteria</th>
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<table>
<thead>
<tr>
<th>Sample Date</th>
<th>12/13/2005</th>
<th>12/13/2005</th>
<th>Regulatory Criteria</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>VOCs (via method 8260B)</th>
<th>Units</th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>µg/L</td>
<td>ND&lt;20</td>
<td>21</td>
<td>NE</td>
</tr>
<tr>
<td>Naphthalene</td>
<td>µg/L</td>
<td>160</td>
<td>140</td>
<td>NE</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>µg/L</td>
<td>44</td>
<td>26</td>
<td>NE</td>
</tr>
<tr>
<td>1,3,5-Trimethylbenzene</td>
<td>µg/L</td>
<td>8.7</td>
<td>5.4</td>
<td>NE</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>TPH (via method 8100)</th>
<th>mg/L</th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>C10-C28 Alkane Range (No. 2 fuel oil)</td>
<td>260</td>
<td>18</td>
<td>NE</td>
<td></td>
</tr>
<tr>
<td>Total TPH</td>
<td>mg/L</td>
<td>260</td>
<td>18</td>
<td>NE</td>
</tr>
</tbody>
</table>

NOTES: VOCs = volatile organic compounds
TPH = total petroleum hydrocarbons
NA = Not analyzed
mg/L = milligrams per liter
µg/L = micrograms per liter
Bold and underlined values exceed one or more of the listed regulatory criteria
Only the last two digits of the sample numbers are listed
NE = Not established
ND < # = Not detected above laboratory reporting limit #

Created by: ECS
Reviewed by: BEK

F:\P2005\1330\A10\GWresults-011606-ecs.xls
ANALYTICAL DATA REPORT

Report Number: E512879
Project: 20051333.A10

prepared for:

Fuss & O'Neill
275 Promenade Street
Suite 350
Providence, RI 02906
Attn: Emily Scursso

Received Date: 12/15/2005
Report Date: 12/23/2005

[Signature]
Premier Laboratory, LLC
Authorized Signature

Certifications:
CT (31-0465), MA (M-CT068), ME (CT050), NH (2023), NJ (CT302), NY (11549), RI (RI246)
<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>SAMPLE NUMBER</th>
<th>SOURCE CODE</th>
<th>CONTAINER</th>
<th>SIZE</th>
<th>PRESERVATIVE</th>
<th>ANALYSIS REQUIRED</th>
<th>COMMENTS</th>
<th>TRANSFER NUMBER &amp; CHECK</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>743051213-04</td>
<td>S</td>
<td>V</td>
<td>40mL</td>
<td></td>
<td>VOCs 8,1000&lt;sup&gt;<em>&lt;/sup&gt; HOLD&lt;sup&gt;</em>&lt;/sup&gt;</td>
<td>TP-01, 7-8'</td>
<td>✓</td>
</tr>
<tr>
<td>2</td>
<td>-04</td>
<td>S</td>
<td>G</td>
<td>4oz</td>
<td></td>
<td>TPH 8100 w/ Fingerprint&lt;sup&gt;×&lt;/sup&gt; HOLD&lt;sup&gt;*&lt;/sup&gt;</td>
<td>TP-01, 7-8'</td>
<td>✓</td>
</tr>
<tr>
<td>3</td>
<td>-05</td>
<td>S</td>
<td>V</td>
<td>40mL</td>
<td></td>
<td>VOCs 8,1000</td>
<td>TP-02, 7-8'</td>
<td>✓</td>
</tr>
<tr>
<td>4</td>
<td>-05</td>
<td>S</td>
<td>G</td>
<td>4oz</td>
<td></td>
<td>TPH 8100 w/ Fingerprint&lt;sup&gt;×&lt;/sup&gt; HOLD&lt;sup&gt;*&lt;/sup&gt;</td>
<td>TP-02, 7-8'</td>
<td>✓</td>
</tr>
<tr>
<td>5</td>
<td>-06</td>
<td>X</td>
<td>A</td>
<td>1L</td>
<td></td>
<td>TPH 8100 w/ Fingerprint&lt;sup&gt;×&lt;/sup&gt; HOLD&lt;sup&gt;*&lt;/sup&gt;</td>
<td>TP-03</td>
<td>✓</td>
</tr>
<tr>
<td>6</td>
<td>-08</td>
<td>X</td>
<td>A</td>
<td>1L</td>
<td></td>
<td>TPH 8100 w/ Fingerprint&lt;sup&gt;×&lt;/sup&gt; HOLD&lt;sup&gt;*&lt;/sup&gt;</td>
<td>TP-03</td>
<td>✓</td>
</tr>
<tr>
<td>7</td>
<td>-07</td>
<td>S</td>
<td>V</td>
<td>40mL</td>
<td></td>
<td>VOCs 8,1000&lt;sup&gt;<em>&lt;/sup&gt; HOLD&lt;sup&gt;</em>&lt;/sup&gt;</td>
<td>TP-07, 1-2'</td>
<td>✓</td>
</tr>
<tr>
<td>8</td>
<td>-07</td>
<td>S</td>
<td>G</td>
<td>4oz</td>
<td></td>
<td>TPH 8100 w/ Fingerprint&lt;sup&gt;×&lt;/sup&gt; HOLD&lt;sup&gt;*&lt;/sup&gt;</td>
<td>TP-07, 1-2'</td>
<td>✓</td>
</tr>
<tr>
<td>9</td>
<td>-08</td>
<td>X</td>
<td>A</td>
<td>1L</td>
<td></td>
<td>TPH 8100 w/ Fingerprint&lt;sup&gt;×&lt;/sup&gt; HOLD&lt;sup&gt;*&lt;/sup&gt;</td>
<td>TP-07</td>
<td>✓</td>
</tr>
<tr>
<td>10</td>
<td>-08</td>
<td>X</td>
<td>A</td>
<td>1L</td>
<td></td>
<td>TPH 8100 w/ Fingerprint&lt;sup&gt;×&lt;/sup&gt; HOLD&lt;sup&gt;*&lt;/sup&gt;</td>
<td>TP-07</td>
<td>✓</td>
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<tr>
<td>11</td>
<td>-07</td>
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<td>V</td>
<td>40mL</td>
<td></td>
<td>VOCs 8,1000&lt;sup&gt;*&lt;/sup&gt;</td>
<td>TP-07</td>
<td>✓</td>
</tr>
<tr>
<td>12</td>
<td>-10</td>
<td>TB</td>
<td>V</td>
<td>40mL</td>
<td></td>
<td>VOCs 8,1000&lt;sup&gt;*&lt;/sup&gt;</td>
<td>TP-02</td>
<td>✓</td>
</tr>
</tbody>
</table>

Container Code:
- P=Plastic
- V=Vial
- C=Cube
- G=Glass
- A=Amber Glass
- T=Teflon Lid
- B=Bacteria Bottle

Preservative Code:
- I=Iced
- F=Filtered
- N=Nitric Acid [HNO₃]
- H=Hydrochloric Acid [HCl]
- S=Sodium Hydroxide [NaOH]
- T=Sodium Thiocyanate [Na₂S₂O₃]
- B=Sodium Bisulfate [NaH₂SO₄]
- O=Sulfuric Acid [H₂SO₄]
- A=Acetic Acid [C₂H₅O₂H]
- X=Other, Specify <sup>×</sup> HOLD<sup>*</sup>

Sampler's Signature: [Signature]
Affiliation: F+O
Date: 12/13/05
Time: 5:00

Transfered By:
1. [Name]
2. [Name]
3. [Name]
4. [Name]

Accepted By:
F+O Fridge
12/13/05
15:01

Date: 12/13/05
Time: 15:01

Additional Comments:
<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>SAMPLE NUMBER</th>
<th>SOURCE CODE</th>
<th>CONTAINER</th>
<th>PRESERVE</th>
<th>ANALYSIS REQUIRED</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>7430512101</td>
<td>GW</td>
<td>G</td>
<td>4oz</td>
<td>VOL/ HLD</td>
<td>light GW sheen</td>
</tr>
<tr>
<td>2</td>
<td>-02</td>
<td>GW</td>
<td>G</td>
<td>4oz</td>
<td>VOL/ HLD</td>
<td>dark GW sheen</td>
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<tr>
<td>3</td>
<td>-03</td>
<td>S</td>
<td>G</td>
<td>4oz</td>
<td>TPH 8100 + Fingerprint</td>
<td>sump</td>
</tr>
<tr>
<td>4</td>
<td>-03</td>
<td>S</td>
<td>V</td>
<td>4oz</td>
<td>VOL/ 82100</td>
<td>sump</td>
</tr>
</tbody>
</table>

Container Code:
P=Plastic  V=VOA Vial  C=Cube  G=Glass  A=Amber Glass  T=Teflon Lid  B=Bacteria Bottle

Preservative Code:
I=iced  F=Filtered  N=Nitric Acid [HNO₃]  H=Hydrochloric Acid [HCl]  S=Sodium Hydroxide [NaOH]  T=Sodium Thiosulfate [Na₂S₂O₃]
B=Sodium Bisulfate [Na₂SO₃]  O=Sulfuric Acid [H₂SO₄]  A=Ascorbic Acid [C₆H₇O₆]  X=Other, Specify  MeOH

Sampler's Signature:  
Affiliation:  T + D  
Date: 12/10/05  
Time: 1300

ADDITIONAL COMMENTS:
1 1-4  Claire  12/10/05 12:01  
2 1-4  Claire  12/15/05 9:05  
3 1-4  Claire  12/15/05 1:01  
4 1-4  Claire  12/15/05 1:01  

[Signature: Claire]
STATE OF RHODE ISLAND
Department of Environmental Management
Office of Waste Management

UNDERGROUND STORAGE TANK FACILITY
CERTIFICATE OF REGISTRATION

This certifies that TOURO SYNAGOGUE has been duly registered pursuant to Section 8.00 of the regulations for Underground Storage Facilities Used for Petroleum Products and Hazardous Materials based upon factual representations contained in the Application for Registration. Any substantial modifications to the systems at this facility or changes in information contained in the Application must be reported to the Department.

Facility Address:
85 TOURO STREET
Newport, RI 02840

 Supervising Sanitary Engineer, Office of Waste Management

This certificate effective 01 Jul 1997 and expires 30 Jun 1998.

This certificate can not be transferred to any other person, facility or location without the express written approval of the Director. This Certificate acknowledges only that the above-referenced facility has complied with the registration requirements of Section 8.00 and DOES NOT indicate this facility's compliance with any other sections of the Regulations. This Certificate may be suspended, modified or revoked in accordance with the Regulations.

The following tank(s) have been duly registered at this facility:

<table>
<thead>
<tr>
<th>TANK NO.</th>
<th>STATUS</th>
<th>DESCRIPTION</th>
<th>SUBSTANCE STORED</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>Currently in Use</td>
<td>2,000 gal. Asphalt Coated or Bare Steel; None</td>
<td>Heating Oil</td>
</tr>
<tr>
<td>002</td>
<td>Currently in Use</td>
<td>1,000 gal. Asphalt Coated or Bare Steel; None</td>
<td>Heating Oil</td>
</tr>
</tbody>
</table>
CERTIFICATE # 02376

CERTIFICATE OF REGISTRATION
FOR UNDERGROUND STORAGE FACILITIES

In compliance with Chapter 46-12 of the Rhode Island General Laws, as amended and the Regulations for Underground Storage Facilities Used for Petroleum Products and Hazardous Materials, the owner/operator of an underground storage facility located at:

TOURO SYNAGAGUE
TOURO ST.
NEWPORT, RI 02840

is issued this Certificate of Registration to operate an underground storage facility based upon the factual representations contained in the Application for Registration (02376) and in accordance with the Regulations for Underground Storage Facilities used for Petroleum Products and Hazardous Materials and any additional terms and conditions stated below:

This Certificate of Registration can not be transferred to any other person, Facility or location without the express written approval of the Director of the Department of Environmental Management, or his designee and in accordance with appropriate regulations.

This Certificate of Registration may be modified or revoked in accordance with appropriate regulations.

Date Signed: 28 December 1987

Reviewed by ________________________________

Stephan G. Morin

Approved: ________________________________

Stephen G. Morin, Chief
Division of Groundwater and Freshwater Wetlands
Department of Environmental Management
FACILITY NAME: TOURO SYNAGAGUE
ADDRESS: TOURO ST
CITY/TOWN: NEWPORT, R.I., ZIP: 02840

YEAR OF OPERATION COMMENCED: 1950

(2) IS THIS A NEW OR EXISTING FACILITY?
   NEW

IF A NEW FACILITY, a set of detailed engineering plans and project specifications including operation and maintenance requirements is required with this application (See Section 7,b,1).

IF EXISTING FACILITY, a site plan of all equipment locations is required with this application (See Section 7,b,2).

(3) DISPENSING SYSTEM:
   - Island
   - Remote (Sump)
   - Submersible
   - Island
   - Remote
   - Other

   IF REMOTE SYSTEM
   ANSWER 3A AND 3B
   - A) Line Leak Detection System Installed? Yes No
   - B) Does the base of the dispensing system have a shear valve? Yes No

(4) ARE RECOVERY WELLS INSTALLED AROUND THE FACILITY? Yes No

(5) ARE MONITORING WELLS INSTALLED AROUND THE FACILITY? Yes No

(6) DOES A DRINKING WATER SUPPLY EXIST WITHIN 1,000 FEET OF THE FACILITY? Yes No

   IF YES SPECIFY
   - Public Well
   - Private Surface Source
   - Private Well
   - Public Surface Source
   - Public Supply
   - Unknown
   - Water Body (name)

(7) HAVE ANY LEAKS OR SPILLS OCCURRED AT THIS FACILITY? Yes No
   (Please attach report/description of incident)

APPLICATION SUBMITTED BY
- Owner
- Operator

OWNER OR DESIGNATED OFFICIAL
(Complete Only If Different From Applicant)

APPLICANT NAME: TOURO SYNAGAGUE
ADDRESS: TOURO ST.
CITY/TOWN: NEWPORT, R.I., ZIP: 02840
TELEPHONE NO.: 401 847 4799

OWNER NAME: SAUL FINE (HOUSE CHAIRMAN)
ADDRESS: 42 WILLOW AVE
CITY/TOWN: MIDDLETOWN, R.I., ZIP: 02840

COMPLETE OTHER SIDE OF FORM
## PROVIDE INFORMATION FOR EACH TANK -- NUMBER TANKS SEQUENTIALLY (e.g., 1,2,3,4)

<table>
<thead>
<tr>
<th>TESTED</th>
<th>TANK NO.</th>
<th>DATE OF INSTALLATION (YEAR/MONTH)</th>
<th>PRESENT STATUS OF TANK</th>
<th>VOLUME (Gallons)</th>
<th>TANK CONSTRUCTION MATERIAL</th>
<th>PIPING CONSTRUCTION MATERIAL</th>
<th>TANK CORROSION PROTECTION</th>
<th>STORED MATERIAL</th>
<th>SPILL CONTAINMENT? (Yes or No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>1</td>
<td>1950/04</td>
<td>U</td>
<td>2000</td>
<td>Steel 01</td>
<td>Steel 01</td>
<td>7.99</td>
<td>Heating 02</td>
<td>No</td>
</tr>
<tr>
<td>-</td>
<td>2</td>
<td>1960/04</td>
<td>U</td>
<td>1000</td>
<td>Steel 01</td>
<td>Steel 01</td>
<td>7.99</td>
<td>Heating 02</td>
<td>No</td>
</tr>
</tbody>
</table>

---

## UL STANDARD USED FOR TANKS

## UL STANDARD USED FOR PIPING

### PRECISION TESTING

Has a precision test been performed at this facility? **Yes** / **No**

(Enclose results if available).

**IF YES**

A) Date of Most Recent Test: **/ /**

Yr. Mo. Day

B) Where were tests performed? **Tanks** **Lines** **Both**

C) Type of Precision Test **Kent Moore Petro Tite** **Hunter Leak Lokator**

D) Please indicate which tanks were tested by placing a check mark in the TESTED column for each tank tested.

### COMPLETE THIS SECTION FOR CLOSED TANKS

**Type of Tank Closure** **Permanent** **Temporary**

Date Taken Out of Service: **/ /**

Yr. Mo. Day

**Present Condition of Tank(s)**

**Filled**

**Removed/No Leaks**

Date Filled or Removed: **/ /**

Yr. Mo. Day

**Removed/Leaking**

Occurred

---

**COMMENTS**
Notification for Underground Storage Tanks

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DIVISION OF WATER RESOURCES
83 PARK STREET
PROVIDENCE, RHODE ISLAND 02903

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—
(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and
(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuance of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel; and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:
1. Farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. Tanks used for storing heating oil for consumptive use on the premises where stored;
3. Septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws;
5. surface impoundings, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 111 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit or 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed $10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must by completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

TOURD SYNAGAGUE

Street Address

TOURD ST.

County

NEWPORT

City

NEWPORT

State

R. I.

ZIP Code

02840

Area Code

Phone Number

401 847 4794

Type of Owner (Mark all that apply)

☐ Current
☐ State or Local Gov't
☐ Private or Corporate
☐ Former
☐ Federal Gov't
☐ Ownership uncertain (GSA facility I.D. no.)

II. LOCATION OF TANK(S)

(Fill same as Section I, mark box here)

Facility Name or Company Site Identifier, as applicable

Street Address or State Road, as applicable

County

City (nearest)

State

ZIP Code

Indicate number of tanks at this location

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here)

M. CHARLES BIRDY

Job Title

CUSTODIAN

Area Code

Phone Number

401 847 4794

IV. TYPE OF NOTIFICATION

☐ Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative

SAUL FINE I HOUS E CHAIRMAN

Signature

Date Signed

EPA Form 7530-1(111-85)

CONTINUE ON REVERSE SIDE
| VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete each tank at this location.) |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| **Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1, 2, 3,...)** | **Tank No. 1** | **Tank No. 2** | **Tank No.** | **Tank No.** | **Tank No.** |
| 1. Status of Tank (Mark all that apply [X]) | Currently in Use | ✓ | ✓ | | |
| | Temporarily Out of Use | | | | |
| | Permanently Out of Use | | | | |
| | Brought into Use after 5/8/86 | | | | |
| **2. Estimated Age (Years)** | 30 | 30 | | | |
| **3. Estimated Total Capacity (Gallons)** | 2000 | 1000 | | | |
| **4. Material of Construction (Mark one [X])** | Steel | ✓ | ✓ | | |
| | Concrete | | | | |
| | Fiberglass Reinforced Plastic | | | | |
| | Unknown | | | | |
| | Other, Please Specify | | | | |
| **5. Internal Protection (Mark all that apply [X])** | Cathodic Protection | | | | |
| | Interior Lining (e.g., epoxy resins) | | | | |
| | None | ✓ | | | |
| | Unknown | | | | |
| | Other, Please Specify | | | | |
| **6. External Protection (Mark all that apply [X])** | Cathodic Protection | | | | |
| | Painted (e.g., asphaltic) | | | | |
| | Fiberglass Reinforced Plastic Coated | | | | |
| | None | | | | |
| | Unknown | | | | |
| | Other, Please Specify | | | | |
| **7. Piping (Mark all that apply [X])** | Bare Steel | | | | |
| | Galvanized Steel | | | | |
| | Fiberglass Reinforced Plastic | | | | |
| | Cathodically Protected | | | | |
| | Unknown | | | | |
| | Other, Please Specify | | | | |
| **8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply [X])** | **a. Empty** | | | | |
| | **b. Petroleum** | | | | |
| | Diesel | | | | |
| | Kerosene | | | | |
| | Gasoline (including alcohol blends) | | | | |
| | Used Oil | | | | |
| | Other, Please Specify | | | | |
| | **c. Hazardous Substance** | | | | |
| | Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. | | | | |
| | Mark box [X] if tank stores a mixture of substances | | | | |
| | **d. Unknown** | | | | |
| **9. Additional Information (for tanks permanently taken out of service)** | | | | | |
| | **a. Estimated date last used (mo/yr)** | N/A | N/A | | |
| | **b. Estimated quantity of substance remaining (gal.)** | | | | |
| | **c. Mark box [X] if tank was filled with inert material (e.g., sand, concrete)** | | | | |
NO SITE PLAN AVAILABLE

LOCATION OF Touro Synagogue Tank

BARNEY ST

↑ 8 FT
↑ 8 FT
↓ 8 FT
FILL HOLE

Touro Synagogue

TANK - 2000 GAL
64 IN DIA.
12 FT. LONG

TOURO ST.
NEWPORT.
LOCATION OF COMMUNITY CENTER TANK

TANK - 1000 GAL.
48 IN DIA.
11 FT. LONG

TOURO ST.

COMMUNITY CENTER

FILL HOLE

DIVISION ST.

8 FT
APPENDIX I

RESUMES
Mr. Clark's 29 years of experience represent a combination of 24 years in the area of groundwater assessment and remediation, industrial compliance, auditing, permitting and expert witness testimony, and 5 years in chemical processing and manufacturing and hazardous waste treatment operation. As Principal of Newport Environmental, he provides clients with consulting services and due diligence reviews that enable them to make informed decisions prior to acquisition or disposition.

Mr. Clark's responsibilities include the oversight of Phase I and Phase II Site Assessments as well as remedial system design, implementation and management. For properties requiring corrective actions, he is responsible for communication with regulatory agencies as necessary to maintain compliance. Other responsibilities include hazardous waste training and preparation of various permit applications for discharges to air, surface waters and underground injection structures necessary to achieve and maintain regulatory compliance. Project experience includes:

- **Site Assessments, Multiple Locations in 3 States.** Mr. Clark was responsible for a multi-property environmental assessment project for a consortium of Dunkin Donuts franchisees. The project involved the evaluation and determination of environmental risk and potential associated remedial costs that could impact the acquisition of former Tim Hortons locations. Project responsibilities included oversight and performance of Phase I and Phase II Site Assessments at approximately 50 locations in 3 southern New England states within an approximate 4-week time frame. This effort included evaluation and interpretation of historical data, evaluation of historical land usage, subsurface investigation including the installation of soil borings and monitor wells, advancement of test pits, evaluation of UST presence/absence via geophysical methods, and evaluation of existing septic systems. Upon completion of assessment activities and analytic data evaluation, potential environmental risk was determined, and remediation options and cost opinions for the impacted properties were provided to assist franchisees in determining the value of each location.

- **Combined groundwater pump and treatment, soil vapor extraction (SVE) and air sparging (AS) system, Major oil company, Rhode Island.** A pump and treatment system installed in the mid 1980's had been effective at recovering substantial amounts of separate-phase petroleum. However, the presence of separate phase residuals resulting from an inadequate capture zone and intermittent system operation necessitated system decommissioning and upgrading. Upon evaluation of project data Mr. Clark proposed a multi-well groundwater recovery system, and a multi-point combined soil vapor extraction and air sparge system.

- **In-Situ Chemical Oxidation (ISCO).** Using various chemical oxidants including Sodium Persulfate, Hydrogen Peroxide and Potassium Permanganate, Mr. Clark has designed and successfully implemented ISCO at several sites with significant chlorinated solvent contamination. At some of these same sites bioremediation via both aerobic and anaerobic pathways was also performed.

- **Soil vapor extraction (SVE) to mitigate vapor intrusion into abutting residences, and groundwater remediation, Westerly, RI.** Failure of an underground storage tank (UST) resulted in the migration of hydrocarbon vapors into two residences in the vicinity of the site, and impact to soil and groundwater. Regulatory drive prompted the installation of a multi-well vapor extraction system as a means of mitigating vapor intrusion. The regulatory agency requested groundwater remediation and suggested conventional pump and treat technologies. Subsequent site investigation indicated groundwater remediation could be accomplished without implementing groundwater pump and treatment technology. Site remediation and ultimately regulatory closure of the site was achieved via air sparging technology in combination with the initial soil vapor extraction system.

- **Combined groundwater pump and treatment and soil vapor extraction (SVE) system, Major oil company, Massachusetts.** As a result of a UST release, a theater and church were impacted by potentially explosive vapors. Remedial efforts included the design and installation of a multi-point groundwater extraction system, a recovery trench for separate-phase petroleum, and an SVE system to remediate impacted soils as well as provide protection against vapor intrusion. Mr. Clark worked closely with the client to provide public presentations, and was the client's liaison with the Massachusetts Department of Environmental Protection (MADEP).
Combined remedial excavation and innovative oil recovery system, National health care industry provider, Rhode Island. An historic release of No. 6 oil from USTs was discovered beneath an old waterfront mill building. Oil was discovered breaking out of a seawall and seeping into the adjacent river. Mr. Clark directed emergency response efforts to control and contain the release. Remedial excavation included shoring approximately 350 linear feet to protect nearby structures and to minimize groundwater flow from the river and excavation area. Subsequently, an innovative, No. 6 oil recovery system was designed by Mr. Clark, approved by RIDEM, and installed at the site.

Combined total fluids extraction system (TFE) and in-situ bioremediation, Steel manufacturer, Massachusetts. As a result of a heating oil storage tank failure and subsequent release, Mr. Clark pilot tested, designed and installed a TFE system to eliminate separate phase hydrocarbons. An active in-situ bioremediation system was also designed. Mr. Clark drafted a plan for the MADEP. Upon approval, the system was installed as a means of eliminating adsorbed phase petroleum at the site.

Hazardous waste treatment, storage and disposal (TSD) Facility, Providence, RI. Mr. Clark conceptualized and designed a hazardous waste treatment, storage and disposal facility including facility acquisition and start up. He developed a proforma and provided technical information required for various permit applications and insurance requirements. As Operations Manager for the facility, Mr. Clark was responsible for the design, installation, permitting, start-up and debugging of hazardous waste treatment operations including: a wastewater pretreatment facility, precipitation/neutralization vessels, a sludge bulking operation and an inorganics tank farm. He directly managed all aspects of operations including the wastewater pretreatment facility and the maintenance department, as well as ensured the facility’s compliance with the USEPA and RIDEM hazardous waste regulations for treatment, storage and disposal facilities; the RIDEM Air Quality Division; OSHA; the RI Dept. of Labor; the RI “Right-to-Know” law; the Narragansett Bay Commission; RIPDES; and SARA Title III.

Chemical manufacture/processing management and recycling, Providence, RI. Mr. Clark was responsible for all aspects of chemical manufacturing management and recycling of corrosive printed circuit board etchants and spent acids from general chemical and pharmaceutical manufacture. He provided direct supervision for a three-shift, 22-employee operation, scheduled all production activities including the ordering of raw materials, was responsible for inventory control for manufacturing and ensuring compliance with EPA/RIDEM regulations for a hazardous waste treatment, storage and disposal facility. Mr. Clark was familiar with DOT/NFPA regulations for the proper loading/offloading procedures for tank trucks and tank cars, the handling, storage and labeling requirements for drummed materials, and the operation and repair of process equipment including reactors, heat exchangers, centrifuges, filter presses, pumps, air compressors, power boilers and process instrumentation. Mr. Clark was also responsible for building maintenance including HVAC equipment, security and fire protection systems. He worked with vendors in the selection and purchase of new equipment and purchased all maintenance items, production supplies and safety equipment. In addition, Mr. Clark prepared justifications for capital budgets, recommended purchases and detailed physical layouts for new equipment, as well as provided troubleshooting and workable solutions for process problems.

EDUCATION
1982 BS Chemical Engineering, University of Rhode Island

PROFESSIONAL CERTIFICATION, AFFILIATIONS
Adjunct Faculty Member – Chemistry Department, Community College of Rhode Island
Member - National Groundwater Association
Member - Rhode Island Society of Environmental Professionals
Member - American Society of Chemical Engineers
Member - Providence Engineering Society
Member – American Chemical Society
Dr. Gottlieb has over 20 years combined experience in the environmental and oceanic science fields. He has experience serving a broad range of clients and interests in Rhode Island, Connecticut, Massachusetts, and Michigan, with a working knowledge of state specific environmental regulations throughout New England.

He has extensive experience conducting ASTM-standard Phase I Environmental Site Assessments, supervising site investigations, monitor well installation, and UST/soil removal activities, and water quality sampling including marine, lacustrine, riverine, ground, surface, drinking, storm, and waste using COC protocol. He has broad experience in the collection, interpretation, QA/QC review, presentation and handling of physical, biochemical and environmental datasets, and designing and managing site remediation and monitoring programs in accordance with state and federal regulatory requirements (including RIDEM, RIDOH, MADEP, USEPA, DOE and NOAA).

Dr. Gottlieb has designed and conducted pilot tests for petroleum and VOC remediation strategies, and monitoring programs for water quality and remedial performance (in-situ and laboratory). He is also experienced in performing soil/sediment characterizations, site surveying, air quality monitoring, and assessments of radon, formaldehyde, mold, ACM, LBP and PCBs.

Professional Experience:

- **Phase I Environmental Site Assessments**
  Environmental Scientist for approximately 500 transaction screens and Phase I environmental site assessments (ESAs) during the acquisition/refinancing of various industrial, commercial and residential properties located throughout Rhode Island, Massachusetts and Connecticut. Phase I ESAs were conducted in general accordance with American Standard Testing Materials (ASTM) Designation E 1527-00 Standard. The scope of work included field reconnaissance; review of previous environmental reports; review of local, state and federal environmental databases; historical information review; town/city file review; and interviewing personnel with a current or previous affiliation with subject properties. Additional services (out of scope) included visual and olfactory assessment for water intrusion and microbial growth; estimating areas and/or volumes of suspect asbestos containing material (ACM), lead based paint (LBP) and PCB-containing materials; and providing sampling services for laboratory identification of molds, ACM, LBP and PCBS.

- **Phase II Subsurface Investigations**
  Environmental Scientist for approximately 100 Phase II subsurface assessments and investigations resulting from property transactions and/or releases of oil or hazardous materials at various industrial and commercial sites located throughout Rhode Island and Massachusetts. Provided oversight for the advancement of soil borings and completion of groundwater monitoring wells in order to investigate both soil and groundwater. Collected soil samples and field screened for volatile organic vapors using a photo-ionization detector. Gauged monitoring wells for depth to groundwater and presence of separate-phase product using an interface probe. Purged wells using low-flow peristaltic pump, and field screened groundwater using a multiprobe instrument equipped with a flow cell. Collected samples from monitoring wells using the Environmental Protection Agency (EPA) protocol “Low Stress Purging and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells”. Submitted samples to analytical laboratory using chain-of-custody protocols, and interpreted soil and groundwater data using applicable regulatory agency criteria. Phase II results used to determine site compliance, or if non-compliant then used to make recommendations to client for additional investigation and/or remediation strategy.

- **Water Quality Compliance Monitoring Programs**
  Environmental and Physical Scientist for water quality investigations and compliance monitoring programs conducted for municipal, state and federal entities, at locations in southern New England, the Gulf of Maine, the Great Lakes, Lake Champlain and the Gulf of Mexico. Performed in-situ monitoring of physical and chemical parameters using standard procedures, equipment, and electronic instrumentation maintained and calibrated to manufacturer specifications.
Water Quality Compliance Monitoring Programs (cont’)
Collected water samples for laboratory analysis of physical, chemical and biological parameters using EPA procedures and COC protocol. Waters sampled and monitored include marine, lacustrine, riverine, ground, surface, drinking, storm, and waste. Field data, laboratory results, and data from other sources such as meteorological were compiled into a statistical database, which was used for data presentation, regulatory compliance determination, and recognition, correlation and interpretation of trends and anomalies. Also, operated small, motorized craft during field monitoring and sample collection activities in Massachusetts and Michigan.

Examples of local area Phase I environmental site assessment projects:
• Westmoreland Farm, 9-acre gentleman’s horse farm, southern North Kingstown
• Brickstone Senior Center, planned development on small portion of 350-acre forestland tract, Sharon, MA
• Residential planned development on 180-acre tri-town forestland tract, Northbridge, Mendon and Upton, MA
• Proposal for site assessment and wetlands delineation on 2,050-acre preservation land with public access easements, Buck Hill Management Area, Burrillville and Pascoag

Examples of local area environmental investigation, remediation and/or restoration projects:
• Home Heating Oil Spill Clean-up and Wetlands Restoration, West Kingstown, RI
• PCB-Containing Transformer Spill Clean-up and Wetlands Restoration, Three Mile River Watershed, Dighton, MA
• Bench Testing of Hydrogen Peroxide for In-Situ Remediation of Petroleum-Impacted Soil, Westport, MA
• Pilot Testing of Potassium Permanganate for In-Situ Remediation of TCE- and PCE-Impacted Soil, Warwick, RI
• "Invasive" Phragmites Growth Adjacent to a Municipal Stormwater Outfall, North Kingstown
• Mercury Release in Soil Clean-up and Confirmation, Blackstone River Valley National Heritage Corridor, Manville
• Former Municipal Landfill Closure, Methane Monitoring and Proposed Habitat Restoration, Ryan Park and Hamilton-Allenton, North Kingstown
• Lead (LBP)-Impacted Soil Excavation and Disposal and Site Restoration, Newport-Pell Bridge, Jamestown, and Mt. Hope Bridge, Portsmouth and Bristol
• Impacted Soil (Industrial Fill) Remediation and Site Restoration using HUD grants, Wiggin Village Apartments, Cranston, and Newport Heights Housing Complex, Newport
• Residential Drinking Water Sampling and Monitoring for: Chloride from Salt Stockpile, West Greenwich, Petroleum Components from Gasoline Station, Warren, and Solvents (TCE/PCE) from Former Industry, Warren

Education
1992 PhD Oceanic Sciences University of Michigan, Ann Arbor
1988 MS Physical Oceanography Texas A&M University, College Station
1984 BS Physics University of Michigan, Ann Arbor

Certifications & Training
40-hour, 10-hour and 8-hour OSHA
Conventional Septic System Inspection – URI/OWTC INSPI100
Indoor Air Quality and Industrial Hygiene – EMSL
Radon Residential Measurement Provider – NEHA/NRPP (expired)
Asbestos Site Inspector – TSCA Title II (expired)

Papers and Publications